

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/09/2004

| Name PTID | 00:00 EDT | 01:00 EDT | 02:00 EDT | 03:00 EDT | 04:00 EDT | 05:00 EDT | 06:00 EDT | 07:00 EDT | 08:00 EDT | 09:00 EDT | 10:00 EDT | 11:00 EDT | 12:00 EDT | 13:00 EDT | 14:00 EDT | 15:00 EDT | 16:00 EDT | 17:00 EDT | 18:00 EDT | 19:00 EDT | 20:00 EDT | 21:00 EDT | 22:00 EDT | 23:00 EDT |
|-------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|
| 59TH STREET_GT_1 24138 | 51.46 2.80 -17.23 | 49.91 2.53 -19.63 | 43.62 2.13 -16.47 | 25.61 1.92 -0.02 | 28.38 2.34 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.94 4.08 -9.80 | 51.53 4.55 -7.73 | 56.39 6.03 -1.33 | 60.39 6.15 -1.23 | 61.30 6.62 0.00 | 60.57 6.85 -1.40 | 63.33 7.17 -0.11 | 63.34 7.14 0.00 | 63.45 7.05 0.00 | 65.61 7.39 0.00 | 62.99 6.95 0.00 | 58.20 6.51 0.00 | 58.02 6.22 0.00 | 57.97 5.98 0.00 | 55.73 6.06 0.00 | 69.99 4.80 -24.17 | 49.95 3.81 -6.40 |
| 74TH STREET_GT_1 24260 | 51.46 2.80 -17.23 | 49.91 2.53 -19.63 | 43.62 2.13 -16.47 | 25.61 1.92 -0.02 | 28.38 2.34 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.94 4.08 -9.80 | 51.53 4.55 -7.73 | 56.39 6.03 -1.33 | 60.39 6.15 -1.23 | 61.30 6.62 0.00 | 60.57 6.85 -1.40 | 63.33 7.17 -0.11 | 63.34 7.14 0.00 | 63.45 7.05 0.00 | 65.61 7.39 0.00 | 62.99 6.95 0.00 | 58.20 6.51 0.00 | 58.02 6.22 0.00 | 57.97 5.98 0.00 | 55.73 6.06 0.00 | 69.99 4.80 -24.17 | 49.95 3.81 -6.40 |
| 74TH STREET_GT_2 24261 | 51.46 2.80 -17.23 | 49.91 2.53 -19.63 | 43.62 2.13 -16.47 | 25.61 1.92 -0.02 | 28.38 2.34 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.94 4.08 -9.80 | 51.53 4.55 -7.73 | 56.39 6.03 -1.33 | 60.39 6.15 -1.23 | 61.30 6.62 0.00 | 60.57 6.85 -1.40 | 63.33 7.17 -0.11 | 63.34 7.14 0.00 | 63.45 7.05 0.00 | 65.61 7.39 0.00 | 62.99 6.95 0.00 | 58.20 6.51 0.00 | 58.02 6.22 0.00 | 57.97 5.98 0.00 | 55.73 6.06 0.00 | 69.99 4.80 -24.17 | 49.95 3.81 -6.40 |
| ADK HUDSON___FALLS 24011 | 34.82 3.39 0.00 | 30.22 2.47 0.00 | 27.60 2.58 0.00 | 25.99 2.32 0.00 | 28.72 2.68 0.00 | 30.92 2.73 0.00 | 37.02 2.93 0.00 | 40.35 2.74 -1.55 | 47.38 3.06 -5.07 | 53.00 3.97 0.00 | 58.95 4.35 -1.59 | 58.78 4.10 0.00 | 58.37 4.24 -1.81 | 60.62 4.43 -0.14 | 60.58 4.38 0.00 | 60.57 4.17 0.00 | 62.59 4.37 0.00 | 60.07 4.03 0.00 | 55.46 3.77 0.00 | 55.37 3.57 0.00 | 55.89 3.90 0.00 | 53.54 3.87 0.00 | 43.93 2.91 0.00 | 42.96 3.22 0.00 |
| ADK RESOURCE___RCVRY 23798 | 34.82 3.39 0.00 | 30.22 2.47 0.00 | 27.60 2.58 0.00 | 25.99 2.32 0.00 | 28.72 2.68 0.00 | 30.92 2.73 0.00 | 37.02 2.93 0.00 | 40.35 2.74 -1.55 | 47.38 3.06 -5.07 | 53.00 3.97 0.00 | 58.95 4.35 -1.59 | 58.78 4.10 0.00 | 58.37 4.24 -1.81 | 60.62 4.43 -0.14 | 60.58 4.38 0.00 | 60.57 4.17 0.00 | 62.59 4.37 0.00 | 60.07 4.03 0.00 | 55.46 3.77 0.00 | 55.37 3.57 0.00 | 55.89 3.90 0.00 | 53.54 3.87 0.00 | 43.93 2.91 0.00 | 42.96 3.22 0.00 |
| ADK S GLENS___FALLS 24028 | 34.82 3.39 0.00 | 30.22 2.47 0.00 | 27.60 2.58 0.00 | 25.99 2.32 0.00 | 28.72 2.68 0.00 | 30.92 2.73 0.00 | 37.02 2.93 0.00 | 40.35 2.74 -1.55 | 47.38 3.06 -5.07 | 53.00 3.97 0.00 | 58.95 4.35 -1.59 | 58.78 4.10 0.00 | 58.37 4.24 -1.81 | 60.62 4.43 -0.14 | 60.58 4.38 0.00 | 60.57 4.17 0.00 | 62.59 4.37 0.00 | 60.07 4.03 0.00 | 55.46 3.77 0.00 | 55.37 3.57 0.00 | 55.89 3.90 0.00 | 53.54 3.87 0.00 | 43.93 2.91 0.00 | 42.96 3.22 0.00 |
| ADK_NYS___DAM 23527 | 33.44 2.01 0.00 | 29.47 1.72 0.00 | 26.57 1.55 0.00 | 25.07 1.40 0.00 | 27.71 1.67 0.00 | 29.91 1.72 0.00 | 36.20 2.11 0.00 | 39.73 2.16 -1.51 | 46.78 2.59 -4.94 | 52.41 3.38 0.00 | 58.15 3.60 -1.54 | 58.40 3.72 0.00 | 58.00 3.92 -1.76 | 60.10 3.92 -0.13 | 60.13 3.93 0.00 | 60.18 3.78 0.00 | 62.18 3.96 0.00 | 59.74 3.70 0.00 | 55.10 3.41 0.00 | 55.12 3.32 0.00 | 55.21 3.22 0.00 | 52.95 3.28 0.00 | 43.52 2.50 0.00 | 42.12 2.38 0.00 |
| AIR_PRODUCTS___DRP 24190 | 33.28 1.85 0.00 | 29.39 1.64 0.00 | 26.47 1.45 0.00 | 24.97 1.30 0.00 | 27.60 1.56 0.00 | 29.83 1.64 0.00 | 36.10 2.01 0.00 | 39.77 2.20 -1.51 | 46.78 2.59 -4.94 | 52.51 3.48 0.00 | 58.21 3.66 -1.54 | 58.51 3.83 0.00 | 58.00 3.92 -1.76 | 60.22 4.04 -0.13 | 60.25 4.05 0.00 | 60.29 3.89 0.00 | 62.35 4.13 0.00 | 59.91 3.87 0.00 | 55.26 3.57 0.00 | 55.22 3.42 0.00 | 55.32 3.33 0.00 | 53.05 3.38 0.00 | 43.60 2.58 0.00 | 42.04 2.30 0.00 |
| ALBANY___1 23571 | 33.28 1.85 0.00 | 29.39 1.64 0.00 | 26.47 1.45 0.00 | 24.97 1.30 0.00 | 27.60 1.56 0.00 | 29.83 1.64 0.00 | 36.10 2.01 0.00 | 39.77 2.20 -1.51 | 46.78 2.59 -4.94 | 52.51 3.48 0.00 | 58.21 3.66 -1.54 | 58.51 3.83 0.00 | 58.00 3.92 -1.76 | 60.22 4.04 -0.13 | 60.25 4.05 0.00 | 60.29 3.89 0.00 | 62.35 4.13 0.00 | 59.91 3.87 0.00 | 55.26 3.57 0.00 | 55.22 3.42 0.00 | 55.32 3.33 0.00 | 53.05 3.38 0.00 | 43.60 2.58 0.00 | 42.04 2.30 0.00 |
| ALBANY___2 23572 | 33.28 1.85 0.00 | 29.39 1.64 0.00 | 26.47 1.45 0.00 | 24.97 1.30 0.00 | 27.60 1.56 0.00 | 29.83 1.64 0.00 | 36.10 2.01 0.00 | 39.77 2.20 -1.51 | 46.78 2.59 -4.94 | 52.51 3.48 0.00 | 58.21 3.66 -1.54 | 58.51 3.83 0.00 | 58.00 3.92 -1.76 | 60.22 4.04 -0.13 | 60.25 4.05 0.00 | 60.29 3.89 0.00 | 62.35 4.13 0.00 | 59.91 3.87 0.00 | 55.26 3.57 0.00 | 55.22 3.42 0.00 | 55.32 3.33 0.00 | 53.05 3.38 0.00 | 43.60 2.58 0.00 | 42.04 2.30 0.00 |
| ALBANY___3 23573 | 33.28 1.85 0.00 | 29.39 1.64 0.00 | 26.47 1.45 0.00 | 24.97 1.30 0.00 | 27.60 1.56 0.00 | 29.83 1.64 0.00 | 36.10 2.01 0.00 | 39.77 2.20 -1.51 | 46.78 2.59 -4.94 | 52.51 3.48 0.00 | 58.21 3.66 -1.54 | 58.51 3.83 0.00 | 58.00 3.92 -1.76 | 60.22 4.04 -0.13 | 60.25 4.05 0.00 | 60.29 3.89 0.00 | 62.35 4.13 0.00 | 59.91 3.87 0.00 | 55.26 3.57 0.00 | 55.22 3.42 0.00 | 55.32 3.33 0.00 | 53.05 3.38 0.00 | 43.60 2.58 0.00 | 42.04 2.30 0.00 |
| ALBANY___4 23574 | 33.28 1.85 0.00 | 29.39 1.64 0.00 | 26.47 1.45 0.00 | 24.97 1.30 0.00 | 27.60 1.56 0.00 | 29.83 1.64 0.00 | 36.10 2.01 0.00 | 39.77 2.20 -1.51 | 46.78 2.59 -4.94 | 52.51 3.48 0.00 | 58.21 3.66 -1.54 | 58.51 3.83 0.00 | 58.00 3.92 -1.76 | 60.22 4.04 -0.13 | 60.25 4.05 0.00 | 60.29 3.89 0.00 | 62.35 4.13 0.00 | 59.91 3.87 0.00 | 55.26 3.57 0.00 | 55.22 3.42 0.00 | 55.32 3.33 0.00 | 53.05 3.38 0.00 | 43.60 2.58 0.00 | 42.04 2.30 0.00 |

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| ALCOA_RYNLDS___DRP 24188 | 30.68 -0.75 0.00 | 27.17 -0.58 0.00 | 24.52 -0.50 0.00 | 23.24 -0.43 0.00 | 25.44 -0.60 0.00 | 27.63 -0.56 0.00 | 33.31 -0.78 0.00 | 34.87 -1.19 0.00 | 37.88 -1.37 0.00 | 46.58 -2.45 0.00 | 51.00 -2.01 0.00 | 52.38 -2.30 0.00 | 49.49 -2.83 0.00 | 53.70 -2.35 0.00 | 53.78 -2.42 0.00 | 53.35 -3.05 0.00 | 54.78 -3.44 0.00 | 53.01 -3.03 0.00 | 48.90 -2.79 0.00 | 49.37 -2.43 0.00 | 49.70 -2.29 0.00 | 47.09 -2.58 0.00 | 38.97 -2.05 0.00 | 38.59 -1.15 0.00 |
| ALLEGHENY___COGEN 23514 | 30.14 -1.29 0.00 | 26.17 -1.58 0.00 | 23.57 -1.45 0.00 | 22.32 -1.35 0.00 | 24.48 -1.56 0.00 | 26.61 -1.58 0.00 | 32.42 -1.67 0.00 | 35.99 -0.32 -0.25 | 39.89 -0.16 -0.80 | 49.96 0.93 0.00 | 53.21 -0.05 -0.25 | 54.63 -0.05 0.00 | 54.07 1.46 -0.29 | 56.69 0.62 -0.02 | 56.76 0.56 0.00 | 57.36 0.96 0.00 | 59.04 0.82 0.00 | 56.77 0.73 0.00 | 52.57 0.88 0.00 | 51.85 0.05 0.00 | 52.41 0.42 0.00 | 50.22 0.55 0.00 | 41.68 0.66 0.00 | 38.47 -1.27 0.00 |
| AMERICAN_REF_FUEL 24010 | 28.41 -3.02 0.00 | 24.64 -3.11 0.00 | 22.19 -2.83 0.00 | 21.04 -2.63 0.00 | 23.05 -2.99 0.00 | 25.06 -3.13 0.00 | 30.17 -3.92 0.00 | 33.81 -2.45 -0.20 | 37.08 -2.83 -0.66 | 46.33 -2.70 0.00 | 48.29 -4.93 -0.21 | 50.09 -4.59 0.00 | 50.21 -2.35 -0.24 | 51.87 -4.20 -0.02 | 51.82 -4.38 0.00 | 53.30 -3.10 0.00 | 54.84 -3.38 0.00 | 52.85 -3.19 0.00 | 48.74 -2.95 0.00 | 48.28 -3.52 0.00 | 49.03 -2.96 0.00 | 47.29 -2.38 0.00 | 39.54 -1.48 0.00 | 36.04 -3.70 0.00 |
| ARTHUR_KILL_GT_1 23520 | 54.02 2.61 -19.98 | 51.69 2.33 -21.61 | 43.45 1.95 -16.48 | 25.44 1.75 -0.02 | 28.19 2.14 -0.01 | 34.46 2.26 -4.01 | 47.98 3.10 -10.79 | 54.70 3.93 -14.71 | 58.32 4.47 -14.60 | 74.11 5.98 -19.10 | 64.65 6.10 -5.54 | 77.67 6.62 -16.37 | 77.16 6.85 -17.99 | 72.94 7.17 -9.72 | 78.74 7.19 -15.35 | 79.26 7.11 -15.75 | 80.82 7.45 -15.15 | 73.86 7.00 -10.82 | 71.30 6.41 -13.20 | 72.35 6.22 -14.33 | 72.50 5.98 -14.53 | 61.64 6.06 -5.91 | 69.83 4.64 -24.17 | 55.05 3.62 -11.69 |
| ARTHUR_KILL_2 23512 | 54.02 2.61 -19.98 | 51.69 2.33 -21.61 | 43.45 1.95 -16.48 | 25.44 1.75 -0.02 | 28.19 2.14 -0.01 | 34.46 2.26 -4.01 | 47.98 3.10 -10.79 | 54.70 3.93 -14.71 | 58.32 4.47 -14.60 | 74.11 5.98 -19.10 | 64.65 6.10 -5.54 | 77.67 6.62 -16.37 | 77.16 6.85 -17.99 | 72.94 7.17 -9.72 | 78.74 7.19 -15.35 | 79.26 7.11 -15.75 | 80.82 7.45 -15.15 | 73.86 7.00 -10.82 | 71.30 6.41 -13.20 | 72.35 6.22 -14.33 | 72.50 5.98 -14.53 | 61.64 6.06 -5.91 | 69.83 4.64 -24.17 | 55.05 3.62 -11.69 |
| ARTHUR_KILL_3 23513 | 54.20 2.80 -19.97 | 51.85 2.50 -21.60 | 43.62 2.13 -16.47 | 25.61 1.92 -0.02 | 28.38 2.34 0.00 | 34.68 2.48 -4.01 | 48.15 3.27 -10.79 | 54.80 4.04 -14.70 | 58.31 4.47 -14.59 | 74.05 5.93 -19.09 | 64.58 6.04 -5.53 | 77.56 6.51 -16.37 | 77.01 6.70 -17.99 | 72.83 7.06 -9.72 | 78.56 7.02 -15.34 | 79.09 6.94 -15.75 | 80.65 7.28 -15.15 | 73.69 6.84 -10.81 | 71.29 6.41 -13.19 | 62.17 6.11 -4.26 | 62.18 5.87 -4.32 | 61.54 5.96 -5.91 | 69.91 4.72 -24.17 | 55.17 3.74 -11.69 |
| ASHOKAN____ 23654 | 32.06 0.63 0.00 | 28.69 0.94 0.00 | 25.50 0.48 0.00 | 24.05 0.38 0.00 | 26.90 0.86 0.00 | 29.01 0.82 0.00 | 35.25 1.16 0.00 | 39.16 1.80 -1.30 | 45.53 2.04 -4.24 | 51.82 2.79 0.00 | 57.15 2.81 -1.33 | 57.85 3.17 0.00 | 57.18 3.35 -1.51 | 59.64 3.48 -0.11 | 59.68 3.48 0.00 | 59.73 3.33 0.00 | 61.77 3.55 0.00 | 59.29 3.25 0.00 | 54.64 2.95 0.00 | 54.70 2.90 0.00 | 54.75 2.76 0.00 | 52.40 2.73 0.00 | 43.03 2.01 0.00 | 40.97 1.23 0.00 |
| ASTORIA 5-9____ 23662 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA GT2____ 23536 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA GT3____ 23731 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA GT4____ 23727 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT2_1 24094 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT2_2 24095 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT2_3 24096 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT2_4 24097 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT3_1 24098 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |

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| ASTORIA_GT3_2 24099 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT3_3 24100 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT3_4 24101 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT4_1 24102 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT4_2 24103 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT4_3 24104 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT4_4 24105 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT_1 23523 | 64.69 2.89 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.47 2.42 -0.01 | 44.20 2.54 -13.47 | 61.64 3.41 -24.14 | 68.53 4.22 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.44 6.96 -57.16 | 95.76 7.29 -32.42 | 115.03 7.25 -51.58 | 116.51 7.16 -52.95 | 116.66 7.51 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.75 6.21 -19.87 | 75.56 4.88 -29.66 | 69.30 3.93 -25.63 |
| ASTORIA_GT_10 24110 | 64.69 2.89 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.47 2.42 -0.01 | 44.20 2.54 -13.47 | 61.64 3.41 -24.14 | 68.53 4.22 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.44 6.96 -57.16 | 95.76 7.29 -32.42 | 115.03 7.25 -51.58 | 116.51 7.16 -52.95 | 116.66 7.51 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.75 6.21 -19.87 | 75.56 4.88 -29.66 | 69.30 3.93 -25.63 |
| ASTORIA_GT_11 24225 | 64.69 2.89 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.47 2.42 -0.01 | 44.20 2.54 -13.47 | 61.64 3.41 -24.14 | 68.53 4.22 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.44 6.96 -57.16 | 95.76 7.29 -32.42 | 115.03 7.25 -51.58 | 116.51 7.16 -52.95 | 116.66 7.51 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.75 6.21 -19.87 | 75.56 4.88 -29.66 | 69.30 3.93 -25.63 |
| ASTORIA_GT_12 24226 | 64.69 2.89 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.47 2.42 -0.01 | 44.20 2.54 -13.47 | 61.64 3.41 -24.14 | 68.53 4.22 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.44 6.96 -57.16 | 95.76 7.29 -32.42 | 115.03 7.25 -51.58 | 116.51 7.16 -52.95 | 116.66 7.51 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.75 6.21 -19.87 | 75.56 4.88 -29.66 | 69.30 3.93 -25.63 |
| ASTORIA_GT_13 24227 | 64.69 2.89 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.47 2.42 -0.01 | 44.20 2.54 -13.47 | 61.64 3.41 -24.14 | 68.53 4.22 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.44 6.96 -57.16 | 95.76 7.29 -32.42 | 115.03 7.25 -51.58 | 116.51 7.16 -52.95 | 116.66 7.51 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.75 6.21 -19.87 | 75.56 4.88 -29.66 | 69.30 3.93 -25.63 |
| ASTORIA_GT_5 24106 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT_7 24107 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA_GT_8 24108 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA___2 24149 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.65 6.11 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA___3 23516 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.46 4.15 -28.25 | 75.39 4.47 -31.67 | 116.21 5.83 -61.35 | 74.63 5.94 -15.68 | 116.10 6.40 -55.02 | 116.07 6.59 -57.16 | 95.36 6.89 -32.42 | 114.69 6.91 -51.58 | 116.12 6.77 -52.95 | 116.25 7.10 -50.93 | 99.11 6.72 -36.35 | 102.35 6.31 -44.35 | 72.14 6.01 -14.33 | 72.29 5.77 -14.53 | 75.40 5.86 -19.87 | 75.40 4.72 -29.66 | 69.26 3.89 -25.63 |
| ASTORIA___4 23517 | 66.03 2.99 -31.61 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.65 1.96 -0.02 | 28.44 2.40 0.00 | 44.20 2.54 -13.47 | 61.71 3.48 -24.14 | 68.35 4.04 -28.25 | 75.32 4.40 -31.67 | 116.26 5.88 -61.35 | 74.57 5.88 -15.68 | 68.35 6.34 -7.33 | 71.18 6.49 -12.37 | 71.16 6.73 -8.38 | 71.21 6.74 -8.27 | 71.22 6.60 -8.22 | 71.21 6.93 -6.06 | 71.22 6.56 -8.62 | 68.49 6.20 -10.60 | 68.35 5.91 -10.64 | 72.29 5.77 -14.53 | 75.55 6.01 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| ASTORIA___5 23518 | 66.06 3.02 -31.61 | 61.09 2.61 -30.73 | 47.44 2.20 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.23 2.57 -13.47 | 61.74 3.51 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.73 6.04 -15.68 | 68.41 6.40 -55.02 | 71.33 6.64 -57.16 | 71.32 6.89 -32.42 | 71.33 6.86 -51.58 | 71.33 6.71 -52.95 | 71.32 7.04 -50.93 | 71.33 6.67 -36.35 | 68.65 6.36 -44.35 | 68.55 6.11 -14.33 | 72.29 5.77 -14.53 | 75.35 5.81 -19.87 | 75.32 4.64 -29.66 | 69.26 3.89 -25.63 |
| ASTRIA 10-13___ 23663 | 64.69 2.89 -30.37 | 61.06 2.18 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.47 2.42 -0.01 | 44.20 2.54 -13.47 | 61.64 3.41 -24.14 | 68.53 4.22 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.44 6.96 -57.16 | 95.76 7.29 -32.42 | 115.03 7.25 -51.58 | 116.51 7.16 -52.95 | 116.66 7.51 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.75 6.21 -19.87 | 75.56 4.88 -29.66 | 69.30 3.93 -25.63 |
| ATHENS_STG_1 23668 | 32.91 1.48 0.00 | 29.11 1.36 0.00 | 26.20 1.18 0.00 | 24.71 1.04 0.00 | 27.34 1.30 0.00 | 29.52 1.33 0.00 | 35.83 1.74 0.00 | 39.55 2.16 -1.33 | 45.98 2.39 -4.34 | 52.27 3.24 0.00 | 57.66 3.29 -1.36 | 58.18 3.50 0.00 | 57.47 3.61 -1.54 | 59.93 3.76 -0.12 | 59.91 3.71 0.00 | 60.01 3.61 0.00 | 62.12 3.90 0.00 | 59.63 3.59 0.00 | 55.05 3.36 0.00 | 55.01 3.21 0.00 | 55.11 3.12 0.00 | 52.80 3.13 0.00 | 43.56 2.54 0.00 | 41.73 1.99 0.00 |
| ATHENS_STG_2 23670 | 32.91 1.48 0.00 | 29.11 1.36 0.00 | 26.20 1.18 0.00 | 24.71 1.04 0.00 | 27.34 1.30 0.00 | 29.52 1.33 0.00 | 35.83 1.74 0.00 | 39.55 2.16 -1.33 | 45.98 2.39 -4.34 | 52.27 3.24 0.00 | 57.71 3.34 -1.36 | 58.18 3.50 0.00 | 57.52 3.66 -1.54 | 59.93 3.76 -0.12 | 59.91 3.71 0.00 | 60.01 3.61 0.00 | 62.12 3.90 0.00 | 59.63 3.59 0.00 | 55.05 3.36 0.00 | 55.01 3.21 0.00 | 55.11 3.12 0.00 | 52.80 3.13 0.00 | 43.56 2.54 0.00 | 41.73 1.99 0.00 |
| ATHENS_STG_3 23677 | 32.91 1.48 0.00 | 29.11 1.36 0.00 | 26.20 1.18 0.00 | 24.71 1.04 0.00 | 27.34 1.30 0.00 | 29.52 1.33 0.00 | 35.83 1.74 0.00 | 39.55 2.16 -1.33 | 45.98 2.39 -4.34 | 52.27 3.24 0.00 | 57.71 3.34 -1.36 | 58.18 3.50 0.00 | 57.52 3.66 -1.54 | 59.93 3.76 -0.12 | 59.91 3.71 0.00 | 60.01 3.61 0.00 | 62.12 3.90 0.00 | 59.63 3.59 0.00 | 55.05 3.36 0.00 | 55.01 3.21 0.00 | 55.11 3.12 0.00 | 52.80 3.13 0.00 | 43.56 2.54 0.00 | 41.73 1.99 0.00 |
| BARRETT 1-8___GRP4 24034 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT 9-12___GRP3 24033 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_1 23704 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_10 23701 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_11 23702 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_12 23703 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_2 23705 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_3 23706 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_4 23707 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_5 23708 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_6 23709 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_7 23710 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_8 23711 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT_IC_9 23700 | 63.92 2.83 -29.66 | 59.45 2.55 -29.15 | 51.91 2.33 -24.56 | 51.27 2.11 -25.49 | 51.56 2.55 -22.97 | 51.30 2.71 -20.40 | 52.14 3.48 -14.57 | 66.59 4.08 -26.45 | 68.40 4.47 -24.68 | 72.58 5.88 -17.67 | 71.99 5.94 -13.04 | 74.60 6.45 -13.47 | 85.65 6.70 -26.63 | 95.65 7.12 -32.48 | 95.55 7.14 -32.21 | 95.55 7.11 -32.04 | 95.55 7.45 -29.88 | 95.55 6.95 -32.56 | 95.65 6.46 -37.50 | 83.41 6.06 -25.55 | 85.79 5.87 -27.93 | 74.99 5.86 -19.46 | 73.97 4.55 -28.40 | 67.16 3.77 -23.65 |
| BARRETT___1 23545 | 63.82 2.73 -29.66 | 59.40 2.50 -29.15 | 51.86 2.28 -24.56 | 51.22 2.06 -25.49 | 51.51 2.50 -22.97 | 51.24 2.65 -20.40 | 52.07 3.41 -14.57 | 66.40 3.89 -26.45 | 68.09 4.16 -24.68 | 72.19 5.49 -17.67 | 71.56 5.51 -13.04 | 74.11 5.96 -13.47 | 85.18 6.23 -26.63 | 95.20 6.67 -32.48 | 95.10 6.69 -32.21 | 95.10 6.66 -32.04 | 95.09 6.99 -29.88 | 95.04 6.44 -32.56 | 95.19 6.00 -37.50 | 82.94 5.59 -25.55 | 85.33 5.41 -27.93 | 74.54 5.41 -19.46 | 73.65 4.23 -28.40 | 66.93 3.54 -23.65 |
| BARRETT___2 23546 | 57.56 2.77 -23.36 | 55.06 2.50 -24.81 | 51.86 2.28 -24.56 | 51.22 2.06 -25.49 | 51.51 2.50 -22.97 | 51.24 2.65 -20.40 | 52.05 3.41 -14.55 | 58.62 4.00 -18.56 | 59.93 4.32 -16.36 | 60.82 5.69 -6.10 | 63.95 5.62 -5.32 | 69.45 6.01 -8.76 | 73.60 6.28 -15.00 | 77.97 6.67 -15.25 | 78.74 6.69 -15.85 | 82.87 6.66 -19.81 | 94.08 6.99 -28.87 | 80.06 6.50 -17.52 | 78.66 6.05 -20.92 | 73.89 5.75 -16.34 | 74.17 5.46 -16.72 | 72.95 5.56 -17.72 | 62.29 4.35 -16.92 | 59.65 3.70 -16.21 |
| BEAVER RIVER___HYD 24048 | 31.46 0.03 0.00 | 27.67 -0.08 0.00 | 24.94 -0.08 0.00 | 23.60 -0.07 0.00 | 25.91 -0.13 0.00 | 28.16 -0.03 0.00 | 34.29 0.20 0.00 | 35.56 -0.50 0.00 | 38.82 -0.43 0.00 | 48.44 -0.59 0.00 | 52.53 -0.48 0.00 | 54.19 -0.49 0.00 | 52.01 -0.31 0.00 | 55.55 -0.50 0.00 | 55.69 -0.51 0.00 | 55.89 -0.51 0.00 | 57.58 -0.64 0.00 | 55.48 -0.56 0.00 | 51.22 -0.47 0.00 | 51.28 -0.52 0.00 | 51.89 -0.10 0.00 | 49.52 -0.15 0.00 | 41.18 0.16 0.00 | 39.94 0.20 0.00 |
| BEEBEE_GT_13 23619 | 32.18 0.75 0.00 | 27.97 0.22 0.00 | 25.22 0.20 0.00 | 23.91 0.24 0.00 | 26.20 0.16 0.00 | 28.47 0.28 0.00 | 34.57 0.48 0.00 | 37.74 1.55 -0.13 | 41.34 1.65 -0.44 | 51.53 2.50 0.00 | 55.06 1.91 -0.14 | 56.98 2.30 0.00 | 55.88 3.40 -0.16 | 58.81 2.75 -0.01 | 58.84 2.64 0.00 | 59.95 3.55 0.00 | 61.71 3.49 0.00 | 59.35 3.31 0.00 | 54.58 2.89 0.00 | 54.13 2.33 0.00 | 54.54 2.55 0.00 | 52.30 2.63 0.00 | 43.40 2.38 0.00 | 40.77 1.03 0.00 |
| BETHLEHEM___STEEL 23779 | 28.76 -2.67 0.00 | 24.89 -2.86 0.00 | 22.39 -2.63 0.00 | 21.21 -2.46 0.00 | 23.25 -2.79 0.00 | 25.31 -2.88 0.00 | 30.68 -3.41 0.00 | 34.52 -1.77 -0.23 | 38.23 -1.77 -0.75 | 47.90 -1.13 0.00 | 50.12 -3.13 -0.24 | 51.89 -2.79 0.00 | 52.12 -0.47 -0.27 | 54.11 -1.96 -0.02 | 54.01 -2.19 0.00 | 55.16 -1.24 0.00 | 56.76 -1.46 0.00 | 54.64 -1.40 0.00 | 50.35 -1.34 0.00 | 49.73 -2.07 0.00 | 50.53 -1.46 0.00 | 48.53 -1.14 0.00 | 40.40 -0.62 0.00 | 36.64 -3.10 0.00 |
| BINGHAMTON___COGEN 23790 | 30.64 -0.79 0.00 | 26.81 -0.94 0.00 | 24.12 -0.90 0.00 | 22.82 -0.85 0.00 | 25.13 -0.91 0.00 | 27.20 -0.99 0.00 | 33.24 -0.85 0.00 | 37.04 0.40 -0.58 | 42.28 1.14 -1.89 | 51.78 2.75 0.00 | 55.88 2.28 -0.59 | 57.25 2.57 0.00 | 56.60 3.61 -0.67 | 59.52 3.42 -0.05 | 59.63 3.43 0.00 | 58.20 1.80 0.00 | 60.08 1.86 0.00 | 57.83 1.79 0.00 | 53.29 1.60 0.00 | 52.84 1.04 0.00 | 53.13 1.14 0.00 | 50.91 1.24 0.00 | 41.76 0.74 0.00 | 39.10 -0.64 0.00 |
| BLACK RIVER___HYD 24047 | 31.40 -0.03 0.00 | 27.56 -0.19 0.00 | 24.84 -0.18 0.00 | 23.48 -0.19 0.00 | 25.81 -0.23 0.00 | 28.08 -0.11 0.00 | 34.26 0.17 0.00 | 35.59 -0.47 0.00 | 38.90 -0.35 0.00 | 48.69 -0.34 0.00 | 52.69 -0.32 0.00 | 54.46 -0.22 0.00 | 52.37 0.05 0.00 | 55.77 -0.28 0.00 | 55.92 -0.28 0.00 | 56.29 -0.11 0.00 | 57.99 -0.23 0.00 | 55.82 -0.22 0.00 | 51.48 -0.21 0.00 | 51.49 -0.31 0.00 | 51.99 0.00 0.00 | 49.67 0.00 0.00 | 41.35 0.33 0.00 | 39.98 0.24 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 32.94 1.51 0.00 | 29.11 1.36 0.00 | 26.22 1.20 0.00 | 24.74 1.07 0.00 | 27.34 1.30 0.00 | 29.54 1.35 0.00 | 35.79 1.70 0.00 | 39.53 1.98 -1.49 | 46.41 2.28 -4.88 | 52.12 3.09 0.00 | 57.72 3.18 -1.53 | 58.02 3.34 0.00 | 57.51 3.45 -1.74 | 59.77 3.59 -0.13 | 59.74 3.54 0.00 | 59.84 3.44 0.00 | 61.89 3.67 0.00 | 59.46 3.42 0.00 | 54.89 3.20 0.00 | 54.86 3.06 0.00 | 54.95 2.96 0.00 | 52.65 2.98 0.00 | 43.36 2.34 0.00 | 41.69 1.95 0.00 |
| BOC_GAS_DRP 24189 | 32.66 1.23 0.00 | 28.89 1.14 0.00 | 26.02 1.00 0.00 | 24.57 0.90 0.00 | 27.13 1.09 0.00 | 29.29 1.10 0.00 | 35.49 1.40 0.00 | 39.23 1.66 -1.51 | 46.10 1.92 -4.93 | 51.63 2.60 0.00 | 57.20 2.65 -1.54 | 57.47 2.79 0.00 | 57.01 2.93 -1.76 | 59.15 2.97 -0.13 | 59.12 2.92 0.00 | 59.22 2.82 0.00 | 61.25 3.03 0.00 | 58.90 2.86 0.00 | 54.33 2.64 0.00 | 54.34 2.54 0.00 | 54.43 2.44 0.00 | 52.15 2.48 0.00 | 42.99 1.97 0.00 | 41.37 1.63 0.00 |
| BORALEX_4TH_BRANCH 23824 | 33.44 2.01 0.00 | 29.47 1.72 0.00 | 26.57 1.55 0.00 | 25.07 1.40 0.00 | 27.71 1.67 0.00 | 29.91 1.72 0.00 | 36.20 2.11 0.00 | 39.73 2.16 -1.51 | 46.78 2.59 -4.94 | 52.41 3.38 0.00 | 58.15 3.60 -1.54 | 58.40 3.72 0.00 | 58.00 3.92 -1.76 | 60.10 3.92 -0.13 | 60.13 3.93 0.00 | 60.18 3.78 0.00 | 62.18 3.96 0.00 | 59.74 3.70 0.00 | 55.10 3.41 0.00 | 55.12 3.32 0.00 | 55.21 3.22 0.00 | 52.95 3.28 0.00 | 43.52 2.50 0.00 | 42.12 2.38 0.00 |
| BOWLINE___1 23526 | 33.38 1.95 0.00 | 29.55 1.80 0.00 | 26.50 1.48 0.00 | 24.97 1.30 0.00 | 27.73 1.69 0.00 | 29.94 1.75 0.00 | 36.51 2.42 0.00 | 40.34 3.10 -1.18 | 46.55 3.45 -3.85 | 53.64 4.61 0.00 | 58.94 4.72 -1.21 | 59.82 5.14 0.00 | 59.03 5.34 -1.37 | 61.70 5.55 -0.10 | 61.76 5.56 0.00 | 61.87 5.47 0.00 | 63.98 5.76 0.00 | 61.42 5.38 0.00 | 56.70 5.01 0.00 | 56.57 4.77 0.00 | 56.57 4.58 0.00 | 54.29 4.62 0.00 | 44.67 3.65 0.00 | 42.56 2.82 0.00 |

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| BOWLINE___2 23595 | 33.38 1.95 0.00 | 29.55 1.80 0.00 | 26.50 1.48 0.00 | 24.97 1.30 0.00 | 27.73 1.69 0.00 | 29.94 1.75 0.00 | 36.51 2.42 0.00 | 40.34 3.10 -1.18 | 46.55 3.45 -3.85 | 53.64 4.61 0.00 | 58.94 4.72 -1.21 | 59.82 5.14 0.00 | 59.03 5.34 -1.37 | 61.70 5.55 -0.10 | 61.76 5.56 0.00 | 61.87 5.47 0.00 | 63.98 5.76 0.00 | 61.42 5.38 0.00 | 56.70 5.01 0.00 | 56.57 4.77 0.00 | 56.57 4.58 0.00 | 54.29 4.62 0.00 | 44.67 3.65 0.00 | 42.56 2.82 0.00 |
| BROOKHAVEN___DRP 24191 | 54.66 3.08 -20.15 | 53.10 2.75 -22.60 | 51.93 2.35 -24.56 | 51.28 2.13 -25.48 | 51.59 2.58 -22.97 | 51.27 2.68 -20.40 | 52.07 3.44 -14.54 | 54.52 3.93 -14.53 | 55.81 4.44 -12.12 | 57.05 5.64 -2.38 | 61.63 5.78 -2.84 | 68.27 6.34 -7.25 | 70.28 6.70 -11.26 | 72.77 7.01 -9.71 | 73.65 6.86 -10.59 | 79.04 6.77 -15.87 | 93.87 7.10 -28.55 | 75.40 6.67 -12.69 | 73.53 6.25 -15.59 | 71.18 6.01 -13.37 | 70.97 5.87 -13.11 | 72.74 5.91 -17.16 | 58.76 4.51 -13.23 | 56.01 3.85 -12.42 |
| BROOKLYN_NAVY_YARD 23515 | 51.58 2.92 -17.23 | 50.02 2.64 -19.63 | 43.72 2.23 -16.47 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 30.73 2.54 0.00 | 43.15 3.37 -5.69 | 50.04 4.18 -9.80 | 51.65 4.67 -7.73 | 56.54 6.18 -1.33 | 60.55 6.31 -1.23 | 61.46 6.78 0.00 | 60.73 7.01 -1.40 | 63.50 7.34 -0.11 | 63.56 7.36 0.00 | 63.62 7.22 0.00 | 65.79 7.57 0.00 | 63.16 7.12 0.00 | 58.36 6.67 0.00 | 58.17 6.37 0.00 | 58.12 6.13 0.00 | 55.88 6.21 0.00 | 70.07 4.88 -24.17 | 50.03 3.89 -6.40 |
| BURROWS___LYONSDAL 23803 | 31.78 0.35 0.00 | 27.94 0.19 0.00 | 25.20 0.18 0.00 | 23.84 0.17 0.00 | 26.20 0.16 0.00 | 28.42 0.23 0.00 | 34.57 0.48 0.00 | 36.24 0.18 0.00 | 39.60 0.35 0.00 | 49.57 0.54 0.00 | 53.59 0.58 0.00 | 55.34 0.66 0.00 | 53.16 0.84 0.00 | 56.72 0.67 0.00 | 56.87 0.67 0.00 | 57.13 0.73 0.00 | 58.92 0.70 0.00 | 56.71 0.67 0.00 | 52.31 0.62 0.00 | 52.32 0.52 0.00 | 52.67 0.68 0.00 | 50.37 0.70 0.00 | 41.76 0.74 0.00 | 40.34 0.60 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 55.37 3.08 -20.86 | 53.61 2.77 -23.09 | 51.96 2.38 -24.56 | 51.31 2.15 -25.49 | 51.59 2.58 -22.97 | 51.35 2.76 -20.40 | 52.24 3.61 -14.54 | 55.92 4.44 -15.42 | 57.30 4.99 -13.06 | 59.15 6.47 -3.65 | 63.26 6.57 -3.68 | 69.27 6.83 -7.76 | 72.02 7.17 -12.53 | 75.15 7.51 -11.59 | 76.04 7.47 -12.37 | 81.00 7.39 -17.21 | 94.62 7.74 -28.66 | 77.65 7.28 -14.33 | 75.97 6.88 -17.40 | 72.71 6.53 -14.38 | 72.61 6.29 -14.33 | 73.33 6.31 -17.35 | 60.50 5.00 -14.48 | 57.21 4.21 -13.26 |
| CALPINE_BP_GT1 23823 | 55.37 3.08 -20.86 | 53.61 2.77 -23.09 | 51.96 2.38 -24.56 | 51.31 2.15 -25.49 | 51.59 2.58 -22.97 | 51.35 2.76 -20.40 | 52.24 3.61 -14.54 | 55.92 4.44 -15.42 | 57.30 4.99 -13.06 | 59.15 6.47 -3.65 | 63.26 6.57 -3.68 | 69.27 6.83 -7.76 | 72.02 7.17 -12.53 | 75.15 7.51 -11.59 | 76.04 7.47 -12.37 | 81.00 7.39 -17.21 | 94.62 7.74 -28.66 | 77.65 7.28 -14.33 | 75.97 6.88 -17.40 | 72.71 6.53 -14.38 | 72.61 6.29 -14.33 | 73.33 6.31 -17.35 | 60.50 5.00 -14.48 | 57.21 4.21 -13.26 |
| CALSPAN___DRP 24200 | 28.76 -2.67 0.00 | 24.89 -2.86 0.00 | 22.39 -2.63 0.00 | 21.21 -2.46 0.00 | 23.25 -2.79 0.00 | 25.31 -2.88 0.00 | 30.68 -3.41 0.00 | 34.52 -1.77 -0.23 | 38.23 -1.77 -0.75 | 47.90 -1.13 0.00 | 50.12 -3.13 -0.24 | 51.89 -2.79 0.00 | 52.12 -0.47 -0.27 | 54.11 -1.96 -0.02 | 54.01 -2.19 0.00 | 55.16 -1.24 0.00 | 56.76 -1.46 0.00 | 54.64 -1.40 0.00 | 50.35 -1.34 0.00 | 49.73 -2.07 0.00 | 50.53 -1.46 0.00 | 48.53 -1.14 0.00 | 40.40 -0.62 0.00 | 36.64 -3.10 0.00 |
| CARR STREET_E__SYR 24060 | 30.93 -0.50 0.00 | 27.20 -0.55 0.00 | 24.52 -0.50 0.00 | 23.20 -0.47 0.00 | 25.52 -0.52 0.00 | 27.65 -0.54 0.00 | 33.61 -0.48 0.00 | 35.71 -0.40 -0.05 | 39.15 -0.27 -0.17 | 49.08 0.05 0.00 | 52.79 -0.27 -0.05 | 54.52 -0.16 0.00 | 52.48 0.10 -0.06 | 55.88 -0.17 0.00 | 56.14 -0.06 0.00 | 56.91 0.51 0.00 | 58.69 0.47 0.00 | 56.60 0.56 0.00 | 52.10 0.41 0.00 | 51.96 0.16 0.00 | 52.20 0.21 0.00 | 50.02 0.35 0.00 | 41.35 0.33 0.00 | 39.30 -0.44 0.00 |
| CARTHAGE___PAPER 23857 | 31.43 0.00 0.00 | 27.61 -0.14 0.00 | 24.89 -0.13 0.00 | 23.53 -0.14 0.00 | 25.86 -0.18 0.00 | 28.11 -0.08 0.00 | 34.29 0.20 0.00 | 35.56 -0.50 0.00 | 38.86 -0.39 0.00 | 48.54 -0.49 0.00 | 52.64 -0.37 0.00 | 54.35 -0.33 0.00 | 52.16 -0.16 0.00 | 55.66 -0.39 0.00 | 55.81 -0.39 0.00 | 56.12 -0.28 0.00 | 57.75 -0.47 0.00 | 55.65 -0.39 0.00 | 51.33 -0.36 0.00 | 51.39 -0.41 0.00 | 51.89 -0.10 0.00 | 49.57 -0.10 0.00 | 41.27 0.25 0.00 | 39.98 0.24 0.00 |
| CE_DUNWOOD___DRP 24194 | 34.46 2.36 -0.67 | 30.65 2.14 -0.76 | 27.46 1.80 -0.64 | 25.28 1.61 0.00 | 28.05 2.01 0.00 | 30.28 2.09 0.00 | 37.14 2.83 -0.22 | 41.17 3.57 -1.54 | 47.33 4.00 -4.08 | 54.38 5.30 -0.05 | 59.65 5.41 -1.23 | 60.53 5.85 0.00 | 59.79 6.07 -1.40 | 62.49 6.33 -0.11 | 62.55 6.35 0.00 | 62.66 6.26 0.00 | 64.80 6.58 0.00 | 62.15 6.11 0.00 | 57.43 5.74 0.00 | 57.29 5.49 0.00 | 57.29 5.30 0.00 | 54.98 5.31 0.00 | 46.19 4.23 -0.94 | 43.25 3.26 -0.25 |
| CE_MILLWOOD___DRP 24193 | 34.19 2.23 -0.53 | 30.35 2.00 -0.60 | 27.22 1.70 -0.50 | 25.16 1.49 0.00 | 27.92 1.88 0.00 | 30.16 1.97 0.00 | 36.95 2.69 -0.17 | 40.91 3.39 -1.46 | 47.10 3.81 -4.04 | 54.07 5.00 -0.04 | 59.43 5.19 -1.23 | 60.26 5.58 0.00 | 59.53 5.81 -1.40 | 62.21 6.05 -0.11 | 62.21 6.01 0.00 | 62.43 6.03 0.00 | 64.57 6.35 0.00 | 61.87 5.83 0.00 | 57.17 5.48 0.00 | 57.03 5.23 0.00 | 56.98 4.99 0.00 | 54.74 5.07 0.00 | 45.74 3.98 -0.74 | 43.03 3.10 -0.19 |
| CE_NYC2_DRP 24202 | 64.69 2.89 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.65 1.96 -0.02 | 28.45 2.40 -0.01 | 44.20 2.54 -13.47 | 61.64 3.41 -24.14 | 68.49 4.18 -28.25 | 75.59 4.67 -31.67 | 116.56 6.18 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.44 6.96 -57.16 | 95.76 7.29 -32.42 | 115.03 7.25 -51.58 | 116.51 7.16 -52.95 | 116.66 7.51 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.75 6.21 -19.87 | 75.56 4.88 -29.66 | 69.30 3.93 -25.63 |
| CE_NYC_DRP 24195 | 50.68 2.83 -16.42 | 49.00 2.55 -18.70 | 42.90 2.18 -15.70 | 25.63 1.94 -0.02 | 28.41 2.37 0.00 | 30.70 2.51 0.00 | 42.85 3.34 -5.42 | 49.60 4.15 -9.39 | 51.43 4.63 -7.55 | 56.43 6.13 -1.27 | 60.49 6.25 -1.23 | 61.41 6.73 0.00 | 60.63 6.91 -1.40 | 63.45 7.29 -0.11 | 63.45 7.25 0.00 | 63.56 7.16 0.00 | 65.73 7.51 0.00 | 63.10 7.06 0.00 | 58.31 6.62 0.00 | 58.12 6.32 0.00 | 58.07 6.08 0.00 | 55.83 6.16 0.00 | 68.89 4.84 -23.03 | 49.69 3.85 -6.10 |
| CH_MIDHUDSON___DRP 24192 | 33.25 1.82 0.00 | 29.50 1.75 0.00 | 26.40 1.38 0.00 | 24.90 1.23 0.00 | 27.65 1.61 0.00 | 29.85 1.66 0.00 | 36.37 2.28 0.00 | 40.25 2.92 -1.27 | 46.58 3.18 -4.15 | 53.25 4.22 0.00 | 58.66 4.35 -1.30 | 59.38 4.70 0.00 | 58.72 4.92 -1.48 | 61.26 5.10 -0.11 | 61.31 5.11 0.00 | 61.48 5.08 0.00 | 63.58 5.36 0.00 | 60.97 4.93 0.00 | 56.29 4.60 0.00 | 56.20 4.40 0.00 | 56.15 4.16 0.00 | 53.89 4.22 0.00 | 44.34 3.32 0.00 | 42.24 2.50 0.00 |
| CH_MISC_IPPS 23765 | 32.94 1.51 0.00 | 29.28 1.53 0.00 | 26.15 1.13 0.00 | 24.64 0.97 0.00 | 27.45 1.41 0.00 | 29.63 1.44 0.00 | 36.14 2.05 0.00 | 39.89 2.60 -1.23 | 45.74 2.47 -4.02 | 52.36 3.33 0.00 | 57.72 3.45 -1.26 | 58.45 3.77 0.00 | 57.73 3.98 -1.43 | 60.31 4.15 -0.11 | 60.36 4.16 0.00 | 60.52 4.12 0.00 | 62.59 4.37 0.00 | 60.02 3.98 0.00 | 55.41 3.72 0.00 | 55.32 3.52 0.00 | 55.27 3.28 0.00 | 53.00 3.33 0.00 | 43.60 2.58 0.00 | 41.61 1.87 0.00 |
| CH_RES_BVR_FALLS 23983 | 31.24 -0.19 0.00 | 27.58 -0.17 0.00 | 24.89 -0.13 0.00 | 23.58 -0.09 0.00 | 25.88 -0.16 0.00 | 28.05 -0.14 0.00 | 33.89 -0.20 0.00 | 35.71 -0.29 0.06 | 38.75 -0.31 0.19 | 48.44 -0.59 0.00 | 52.47 -0.48 0.06 | 54.13 -0.55 0.00 | 51.57 -0.68 0.07 | 55.48 -0.56 0.01 | 55.64 -0.56 0.00 | 55.67 -0.73 0.00 | 57.40 -0.82 0.00 | 55.31 -0.73 0.00 | 51.02 -0.67 0.00 | 51.18 -0.62 0.00 | 51.42 -0.57 0.00 | 49.02 -0.65 0.00 | 40.49 -0.53 0.00 | 39.42 -0.32 0.00 |

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| CH_RES_NIAGARA 23895 | 28.48 -2.95 0.00 | 24.75 -3.00 0.00 | 22.27 -2.75 0.00 | 21.14 -2.53 0.00 | 23.15 -2.89 0.00 | 25.17 -3.02 0.00 | 30.24 -3.85 0.00 | 33.87 -2.38 -0.19 | 37.06 -2.83 -0.64 | 46.28 -2.75 0.00 | 48.17 -5.04 -0.20 | 49.98 -4.70 0.00 | 50.09 -2.46 -0.23 | 51.75 -4.32 -0.02 | 51.65 -4.55 0.00 | 53.24 -3.16 0.00 | 54.78 -3.44 0.00 | 52.79 -3.25 0.00 | 48.69 -3.00 0.00 | 48.28 -3.52 0.00 | 49.03 -2.96 0.00 | 47.29 -2.38 0.00 | 39.58 -1.44 0.00 | 36.16 -3.58 0.00 |
| CH_RES_SYRACUSE 23985 | 30.71 -0.72 0.00 | 27.03 -0.72 0.00 | 24.37 -0.65 0.00 | 23.05 -0.62 0.00 | 25.34 -0.70 0.00 | 27.46 -0.73 0.00 | 33.37 -0.72 0.00 | 35.44 -0.69 -0.07 | 38.85 -0.63 -0.23 | 48.54 -0.49 0.00 | 52.23 -0.85 -0.07 | 53.91 -0.77 0.00 | 51.88 -0.52 -0.08 | 55.22 -0.84 -0.01 | 55.53 -0.67 0.00 | 56.40 0.00 0.00 | 58.16 -0.06 0.00 | 56.15 0.11 0.00 | 51.74 0.05 0.00 | 51.59 -0.21 0.00 | 51.78 -0.21 0.00 | 49.62 -0.05 0.00 | 41.02 0.00 0.00 | 39.02 -0.72 0.00 |
| CORNELL____ 23752 | 29.17 -2.26 0.00 | 25.64 -2.11 0.00 | 23.44 -1.58 0.00 | 22.34 -1.33 0.00 | 24.27 -1.77 0.00 | 26.10 -2.09 0.00 | 31.74 -2.35 0.00 | 34.30 -2.02 -0.26 | 38.39 -1.73 -0.87 | 47.76 -1.27 0.00 | 51.37 -1.91 -0.27 | 52.93 -1.75 0.00 | 51.58 -1.05 -0.31 | 54.50 -1.57 -0.02 | 54.80 -1.40 0.00 | 54.93 -1.47 0.00 | 56.59 -1.63 0.00 | 54.70 -1.34 0.00 | 50.24 -1.45 0.00 | 49.83 -1.97 0.00 | 50.17 -1.82 0.00 | 48.03 -1.64 0.00 | 39.67 -1.35 0.00 | 37.24 -2.50 0.00 |
| COXSACKIE___GT 23611 | 32.03 0.60 0.00 | 28.61 0.86 0.00 | 25.47 0.45 0.00 | 24.03 0.36 0.00 | 26.85 0.81 0.00 | 28.95 0.76 0.00 | 35.11 1.02 0.00 | 38.99 1.59 -1.34 | 45.45 1.81 -4.39 | 51.53 2.50 0.00 | 56.92 2.54 -1.37 | 57.52 2.84 0.00 | 56.86 2.98 -1.56 | 59.31 3.14 -0.12 | 59.35 3.15 0.00 | 59.45 3.05 0.00 | 61.48 3.26 0.00 | 59.01 2.97 0.00 | 54.38 2.69 0.00 | 54.39 2.59 0.00 | 54.43 2.44 0.00 | 52.05 2.38 0.00 | 42.78 1.76 0.00 | 40.81 1.07 0.00 |
| CRESCENT___HYD 24018 | 33.69 2.26 0.00 | 29.61 1.86 0.00 | 26.75 1.73 0.00 | 25.23 1.56 0.00 | 27.89 1.85 0.00 | 30.11 1.92 0.00 | 36.37 2.28 0.00 | 39.96 2.38 -1.52 | 47.00 2.79 -4.96 | 52.71 3.68 0.00 | 58.48 3.92 -1.55 | 58.67 3.99 0.00 | 58.22 4.13 -1.77 | 60.44 4.26 -0.13 | 60.47 4.27 0.00 | 60.46 4.06 0.00 | 62.47 4.25 0.00 | 60.02 3.98 0.00 | 55.41 3.72 0.00 | 55.37 3.57 0.00 | 55.53 3.54 0.00 | 53.20 3.53 0.00 | 43.73 2.71 0.00 | 42.32 2.58 0.00 |
| CRUCIBLE_METL_DRP 24180 | 30.71 -0.72 0.00 | 27.03 -0.72 0.00 | 24.37 -0.65 0.00 | 23.05 -0.62 0.00 | 25.34 -0.70 0.00 | 27.46 -0.73 0.00 | 33.37 -0.72 0.00 | 35.44 -0.69 -0.07 | 38.85 -0.63 -0.23 | 48.54 -0.49 0.00 | 52.23 -0.85 -0.07 | 53.91 -0.77 0.00 | 51.88 -0.52 -0.08 | 55.22 -0.84 -0.01 | 55.53 -0.67 0.00 | 56.40 0.00 0.00 | 58.16 -0.06 0.00 | 56.15 0.11 0.00 | 51.74 0.05 0.00 | 51.59 -0.21 0.00 | 51.78 -0.21 0.00 | 49.62 -0.05 0.00 | 41.02 0.00 0.00 | 39.02 -0.72 0.00 |
| CSC____481_PGEN 24222 | 54.66 3.08 -20.15 | 53.10 2.75 -22.60 | 51.93 2.35 -24.56 | 51.28 2.13 -25.48 | 51.59 2.58 -22.97 | 51.27 2.68 -20.40 | 52.04 3.41 -14.54 | 54.41 3.82 -14.53 | 55.65 4.28 -12.12 | 56.75 5.34 -2.38 | 61.26 5.41 -2.84 | 67.89 5.96 -7.25 | 69.91 6.33 -11.26 | 72.37 6.61 -9.71 | 73.25 6.46 -10.59 | 78.64 6.37 -15.87 | 93.47 6.70 -28.55 | 75.01 6.28 -12.69 | 73.17 5.89 -15.59 | 70.87 5.70 -13.37 | 70.61 5.51 -13.11 | 72.44 5.61 -17.16 | 58.60 4.35 -13.23 | 55.97 3.81 -12.42 |
| DANSKAMMER___1 23586 | 32.94 1.51 0.00 | 29.28 1.53 0.00 | 26.15 1.13 0.00 | 24.64 0.97 0.00 | 27.45 1.41 0.00 | 29.63 1.44 0.00 | 36.14 2.05 0.00 | 39.89 2.60 -1.23 | 45.74 2.47 -4.02 | 52.36 3.33 0.00 | 57.72 3.45 -1.26 | 58.45 3.77 0.00 | 57.73 3.98 -1.43 | 60.31 4.15 -0.11 | 60.36 4.16 0.00 | 60.52 4.12 0.00 | 62.59 4.37 0.00 | 60.02 3.98 0.00 | 55.41 3.72 0.00 | 55.32 3.52 0.00 | 55.27 3.28 0.00 | 53.00 3.33 0.00 | 43.60 2.58 0.00 | 41.61 1.87 0.00 |
| DANSKAMMER___2 23589 | 32.94 1.51 0.00 | 29.28 1.53 0.00 | 26.15 1.13 0.00 | 24.64 0.97 0.00 | 27.45 1.41 0.00 | 29.63 1.44 0.00 | 36.14 2.05 0.00 | 39.89 2.60 -1.23 | 45.74 2.47 -4.02 | 52.36 3.33 0.00 | 57.72 3.45 -1.26 | 58.45 3.77 0.00 | 57.73 3.98 -1.43 | 60.31 4.15 -0.11 | 60.36 4.16 0.00 | 60.52 4.12 0.00 | 62.59 4.37 0.00 | 60.02 3.98 0.00 | 55.41 3.72 0.00 | 55.32 3.52 0.00 | 55.27 3.28 0.00 | 53.00 3.33 0.00 | 43.60 2.58 0.00 | 41.61 1.87 0.00 |
| DANSKAMMER___3 23590 | 32.94 1.51 0.00 | 29.28 1.53 0.00 | 26.15 1.13 0.00 | 24.64 0.97 0.00 | 27.45 1.41 0.00 | 29.63 1.44 0.00 | 36.14 2.05 0.00 | 39.81 2.52 -1.23 | 45.59 2.32 -4.02 | 52.17 3.14 0.00 | 57.50 3.23 -1.26 | 58.29 3.61 0.00 | 57.52 3.77 -1.43 | 60.08 3.92 -0.11 | 60.13 3.93 0.00 | 60.35 3.95 0.00 | 62.35 4.13 0.00 | 59.79 3.75 0.00 | 55.21 3.52 0.00 | 55.12 3.32 0.00 | 55.06 3.07 0.00 | 52.85 3.18 0.00 | 43.48 2.46 0.00 | 41.49 1.75 0.00 |
| DANSKAMMER___4 23591 | 32.88 1.45 0.00 | 29.22 1.47 0.00 | 26.12 1.10 0.00 | 24.62 0.95 0.00 | 27.39 1.35 0.00 | 29.57 1.38 0.00 | 36.07 1.98 0.00 | 39.85 2.56 -1.23 | 45.59 2.32 -4.02 | 52.17 3.14 0.00 | 57.45 3.18 -1.26 | 58.23 3.55 0.00 | 57.46 3.71 -1.43 | 60.03 3.87 -0.11 | 60.08 3.88 0.00 | 60.29 3.89 0.00 | 62.35 4.13 0.00 | 59.74 3.70 0.00 | 55.15 3.46 0.00 | 55.06 3.26 0.00 | 55.06 3.07 0.00 | 52.80 3.13 0.00 | 43.44 2.42 0.00 | 41.45 1.71 0.00 |
| DANSKAMMER___DIESEL 23592 | 32.94 1.51 0.00 | 29.28 1.53 0.00 | 26.15 1.13 0.00 | 24.64 0.97 0.00 | 27.45 1.41 0.00 | 29.63 1.44 0.00 | 36.14 2.05 0.00 | 39.89 2.60 -1.23 | 45.74 2.47 -4.02 | 52.36 3.33 0.00 | 57.72 3.45 -1.26 | 58.45 3.77 0.00 | 57.73 3.98 -1.43 | 60.31 4.15 -0.11 | 60.36 4.16 0.00 | 60.52 4.12 0.00 | 62.59 4.37 0.00 | 60.02 3.98 0.00 | 55.41 3.72 0.00 | 55.32 3.52 0.00 | 55.27 3.28 0.00 | 53.00 3.33 0.00 | 43.60 2.58 0.00 | 41.61 1.87 0.00 |
| DASHVILLE___HYD 23610 | 32.84 1.41 0.00 | 29.25 1.50 0.00 | 26.12 1.10 0.00 | 24.62 0.95 0.00 | 27.42 1.38 0.00 | 29.60 1.41 0.00 | 36.07 1.98 0.00 | 40.08 2.78 -1.24 | 46.17 2.87 -4.05 | 52.90 3.87 0.00 | 58.20 3.92 -1.27 | 59.05 4.37 0.00 | 58.36 4.60 -1.44 | 60.98 4.82 -0.11 | 61.03 4.83 0.00 | 61.19 4.79 0.00 | 63.29 5.07 0.00 | 60.69 4.65 0.00 | 56.03 4.34 0.00 | 55.89 4.09 0.00 | 55.84 3.85 0.00 | 53.54 3.87 0.00 | 44.06 3.04 0.00 | 41.85 2.11 0.00 |
| DOGLEVILLE___HYD 23807 | 32.91 1.48 0.00 | 28.97 1.22 0.00 | 26.07 1.05 0.00 | 24.66 0.99 0.00 | 27.16 1.12 0.00 | 29.49 1.30 0.00 | 35.93 1.84 0.00 | 38.27 2.24 0.03 | 41.86 2.71 0.10 | 52.76 3.73 0.00 | 56.96 3.98 0.03 | 58.94 4.26 0.00 | 56.68 4.39 0.03 | 60.59 4.54 0.00 | 60.75 4.55 0.00 | 61.02 4.62 0.00 | 63.05 4.83 0.00 | 60.64 4.60 0.00 | 55.88 4.19 0.00 | 55.89 4.09 0.00 | 56.15 4.16 0.00 | 53.54 3.87 0.00 | 44.01 2.99 0.00 | 42.08 2.34 0.00 |
| DUNKIRK___1 23563 | 28.07 -3.36 0.00 | 24.06 -3.69 0.00 | 21.57 -3.45 0.00 | 20.45 -3.22 0.00 | 22.42 -3.62 0.00 | 24.38 -3.81 0.00 | 30.03 -4.06 0.00 | 33.83 -2.49 -0.26 | 38.13 -1.96 -0.84 | 48.44 -0.59 0.00 | 50.94 -2.33 -0.26 | 52.77 -1.91 0.00 | 53.14 0.52 -0.30 | 55.45 -0.62 -0.02 | 55.41 -0.79 0.00 | 56.06 -0.34 0.00 | 57.70 -0.52 0.00 | 55.54 -0.50 0.00 | 51.07 -0.62 0.00 | 50.04 -1.76 0.00 | 50.85 -1.14 0.00 | 48.68 -0.99 0.00 | 39.95 -1.07 0.00 | 35.73 -4.01 0.00 |
| DUNKIRK___2 23564 | 28.07 -3.36 0.00 | 24.06 -3.69 0.00 | 21.57 -3.45 0.00 | 20.45 -3.22 0.00 | 22.42 -3.62 0.00 | 24.38 -3.81 0.00 | 30.03 -4.06 0.00 | 33.83 -2.49 -0.26 | 38.13 -1.96 -0.84 | 48.44 -0.59 0.00 | 50.94 -2.33 -0.26 | 52.77 -1.91 0.00 | 53.14 0.52 -0.30 | 55.45 -0.62 -0.02 | 55.41 -0.79 0.00 | 56.06 -0.34 0.00 | 57.70 -0.52 0.00 | 55.54 -0.50 0.00 | 51.07 -0.62 0.00 | 50.04 -1.76 0.00 | 50.85 -1.14 0.00 | 48.68 -0.99 0.00 | 39.95 -1.07 0.00 | 35.73 -4.01 0.00 |

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| DUNKIRK___3 23565 | 28.26 -3.17 0.00 | 24.28 -3.47 0.00 | 21.79 -3.23 0.00 | 20.64 -3.03 0.00 | 22.65 -3.39 0.00 | 24.64 -3.55 0.00 | 30.24 -3.85 0.00 | 34.05 -2.27 -0.26 | 38.23 -1.88 -0.86 | 48.39 -0.64 0.00 | 50.89 -2.39 -0.27 | 52.66 -2.02 0.00 | 53.00 0.37 -0.31 | 55.29 -0.78 -0.02 | 55.19 -1.01 0.00 | 55.95 -0.45 0.00 | 57.52 -0.70 0.00 | 55.37 -0.67 0.00 | 50.97 -0.72 0.00 | 50.04 -1.76 0.00 | 50.79 -1.20 0.00 | 48.68 -0.99 0.00 | 40.08 -0.94 0.00 | 36.00 -3.74 0.00 |
| DUNKIRK___4 23566 | 28.26 -3.17 0.00 | 24.28 -3.47 0.00 | 21.79 -3.23 0.00 | 20.64 -3.03 0.00 | 22.65 -3.39 0.00 | 24.64 -3.55 0.00 | 30.24 -3.85 0.00 | 34.05 -2.27 -0.26 | 38.23 -1.88 -0.86 | 48.39 -0.64 0.00 | 50.89 -2.39 -0.27 | 52.66 -2.02 0.00 | 53.00 0.37 -0.31 | 55.29 -0.78 -0.02 | 55.19 -1.01 0.00 | 55.95 -0.45 0.00 | 57.52 -0.70 0.00 | 55.37 -0.67 0.00 | 50.97 -0.72 0.00 | 50.04 -1.76 0.00 | 50.79 -1.20 0.00 | 48.68 -0.99 0.00 | 40.08 -0.94 0.00 | 36.00 -3.74 0.00 |
| EAST HAMPTON___GT 23717 | 56.23 4.65 -20.15 | 54.37 4.02 -22.60 | 53.01 3.43 -24.56 | 52.25 3.10 -25.48 | 52.66 3.65 -22.97 | 52.51 3.92 -20.40 | 53.71 5.08 -14.54 | 56.76 6.17 -14.53 | 58.59 7.22 -12.12 | 60.92 9.51 -2.38 | 65.87 10.02 -2.84 | 72.87 10.94 -7.25 | 74.99 11.41 -11.26 | 77.81 12.05 -9.71 | 78.76 11.97 -10.59 | 84.23 11.96 -15.87 | 99.17 12.40 -28.55 | 80.55 11.82 -12.69 | 78.14 10.86 -15.59 | 75.58 10.41 -13.37 | 75.45 10.35 -13.11 | 76.96 10.13 -17.16 | 61.76 7.51 -13.23 | 58.48 6.32 -12.42 |
| EAST RIVER___6 23660 | 51.49 2.83 -17.23 | 49.91 2.53 -19.63 | 43.64 2.15 -16.47 | 25.63 1.94 -0.02 | 28.41 2.37 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.97 4.11 -9.80 | 51.61 4.63 -7.73 | 56.49 6.13 -1.33 | 60.49 6.25 -1.23 | 61.41 6.73 0.00 | 60.68 6.96 -1.40 | 63.45 7.29 -0.11 | 63.51 7.31 0.00 | 63.56 7.16 0.00 | 65.73 7.51 0.00 | 63.16 7.12 0.00 | 58.31 6.62 0.00 | 58.12 6.32 0.00 | 58.07 6.08 0.00 | 55.83 6.16 0.00 | 70.03 4.84 -24.17 | 49.99 3.85 -6.40 |
| EAST RIVER___7 23524 | 51.49 2.83 -17.23 | 49.91 2.53 -19.63 | 43.64 2.15 -16.47 | 25.63 1.94 -0.02 | 28.41 2.37 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.97 4.11 -9.80 | 51.61 4.63 -7.73 | 56.49 6.13 -1.33 | 60.49 6.25 -1.23 | 61.41 6.73 0.00 | 60.68 6.96 -1.40 | 63.45 7.29 -0.11 | 63.51 7.31 0.00 | 63.56 7.16 0.00 | 65.73 7.51 0.00 | 63.16 7.12 0.00 | 58.31 6.62 0.00 | 58.12 6.32 0.00 | 58.07 6.08 0.00 | 55.83 6.16 0.00 | 70.03 4.84 -24.17 | 49.99 3.85 -6.40 |
| EAST_HAMPTON___DIESEL 23722 | 56.23 4.65 -20.15 | 54.37 4.02 -22.60 | 53.01 3.43 -24.56 | 52.25 3.10 -25.48 | 52.66 3.65 -22.97 | 52.51 3.92 -20.40 | 53.71 5.08 -14.54 | 56.76 6.17 -14.53 | 58.59 7.22 -12.12 | 60.92 9.51 -2.38 | 65.87 10.02 -2.84 | 72.87 10.94 -7.25 | 74.99 11.41 -11.26 | 77.81 12.05 -9.71 | 78.76 11.97 -10.59 | 84.23 11.96 -15.87 | 99.17 12.40 -28.55 | 80.55 11.82 -12.69 | 78.14 10.86 -15.59 | 75.58 10.41 -13.37 | 75.45 10.35 -13.11 | 76.96 10.13 -17.16 | 61.76 7.51 -13.23 | 58.48 6.32 -12.42 |
| ELEC_TRO_TEK 24086 | 55.34 2.83 -21.08 | 53.54 2.55 -23.24 | 51.76 2.18 -24.56 | 51.12 1.96 -25.49 | 51.41 2.40 -22.97 | 51.13 2.54 -20.40 | 51.97 3.34 -14.54 | 55.87 4.11 -15.70 | 57.15 4.55 -13.35 | 59.27 6.03 -4.21 | 63.17 6.10 -4.06 | 69.23 6.56 -7.99 | 72.27 6.85 -13.10 | 75.66 7.17 -12.44 | 76.52 7.14 -13.18 | 81.26 7.05 -17.81 | 94.32 7.39 -28.71 | 78.06 6.95 -15.07 | 76.52 6.62 -18.21 | 72.90 6.27 -14.83 | 72.90 6.03 -14.88 | 73.12 6.01 -17.44 | 60.75 4.68 -15.05 | 57.07 3.81 -13.52 |
| E_CANADA_CAP_HY 24051 | 33.50 2.07 0.00 | 29.47 1.72 0.00 | 26.57 1.55 0.00 | 25.09 1.42 0.00 | 27.65 1.61 0.00 | 29.85 1.66 0.00 | 35.90 1.81 0.00 | 39.61 1.62 -1.93 | 47.44 1.88 -6.31 | 51.68 2.65 0.00 | 57.68 2.70 -1.97 | 57.47 2.79 0.00 | 57.50 2.93 -2.25 | 59.25 3.03 -0.17 | 59.29 3.09 0.00 | 59.16 2.76 0.00 | 61.13 2.91 0.00 | 58.67 2.63 0.00 | 54.12 2.43 0.00 | 53.98 2.18 0.00 | 54.02 2.03 0.00 | 51.86 2.19 0.00 | 42.78 1.76 0.00 | 41.65 1.91 0.00 |
| E_CANADA_MHWK_HY 24050 | 32.91 1.48 0.00 | 28.97 1.22 0.00 | 26.07 1.05 0.00 | 24.66 0.99 0.00 | 27.16 1.12 0.00 | 29.49 1.30 0.00 | 35.93 1.84 0.00 | 38.27 2.24 0.03 | 41.86 2.71 0.10 | 52.76 3.73 0.00 | 56.96 3.98 0.03 | 58.94 4.26 0.00 | 56.68 4.39 0.03 | 60.59 4.54 0.00 | 60.75 4.55 0.00 | 61.02 4.62 0.00 | 63.05 4.83 0.00 | 60.64 4.60 0.00 | 55.88 4.19 0.00 | 55.89 4.09 0.00 | 56.15 4.16 0.00 | 53.54 3.87 0.00 | 44.01 2.99 0.00 | 42.08 2.34 0.00 |
| E_FISHKILL___LBMP 23776 | 33.50 2.07 0.00 | 29.64 1.89 0.00 | 26.60 1.58 0.00 | 25.09 1.42 0.00 | 27.81 1.77 0.00 | 30.05 1.86 0.00 | 36.61 2.52 0.00 | 40.42 3.14 -1.22 | 46.74 3.49 -4.00 | 53.69 4.66 0.00 | 59.03 4.77 -1.25 | 59.82 5.14 0.00 | 59.08 5.34 -1.42 | 61.71 5.55 -0.11 | 61.76 5.56 0.00 | 61.87 5.47 0.00 | 63.98 5.76 0.00 | 61.36 5.32 0.00 | 56.70 5.01 0.00 | 56.57 4.77 0.00 | 56.57 4.58 0.00 | 54.29 4.62 0.00 | 44.67 3.65 0.00 | 42.60 2.86 0.00 |
| FAR ROCKAWAY___4 23548 | 62.80 3.49 -27.88 | 58.86 3.19 -27.92 | 52.38 2.80 -24.56 | 51.69 2.53 -25.49 | 52.03 3.02 -22.97 | 51.69 3.10 -20.40 | 52.74 4.09 -14.56 | 65.36 5.08 -24.22 | 67.27 5.69 -22.33 | 74.89 7.31 -18.55 | 73.80 7.16 -13.63 | 76.21 7.71 -13.82 | 87.79 7.95 -27.52 | 98.47 8.63 -33.79 | 98.31 8.65 -33.46 | 98.00 8.63 -32.97 | 97.20 9.02 -29.96 | 98.04 8.29 -33.71 | 98.10 7.65 -38.76 | 85.30 7.25 -26.25 | 87.79 7.02 -28.78 | 76.21 6.95 -19.59 | 75.95 5.66 -29.27 | 66.09 4.81 -21.54 |
| FENNER___WINDPWR 24204 | 31.78 0.35 0.00 | 27.94 0.19 0.00 | 25.20 0.18 0.00 | 23.84 0.17 0.00 | 26.20 0.16 0.00 | 28.42 0.23 0.00 | 34.57 0.48 0.00 | 36.49 0.43 0.00 | 39.88 0.63 0.00 | 50.11 1.08 0.00 | 54.07 1.06 0.00 | 55.83 1.15 0.00 | 53.68 1.36 0.00 | 57.23 1.18 0.00 | 57.44 1.24 0.00 | 57.87 1.47 0.00 | 59.68 1.46 0.00 | 57.50 1.46 0.00 | 52.93 1.24 0.00 | 52.89 1.09 0.00 | 53.13 1.14 0.00 | 50.81 1.14 0.00 | 42.09 1.07 0.00 | 40.38 0.64 0.00 |
| FIBERTEK___ENERGY 23856 | 30.71 -0.72 0.00 | 27.03 -0.72 0.00 | 24.37 -0.65 0.00 | 23.05 -0.62 0.00 | 25.34 -0.70 0.00 | 27.46 -0.73 0.00 | 33.37 -0.72 0.00 | 35.44 -0.69 -0.07 | 38.85 -0.63 -0.23 | 48.54 -0.49 0.00 | 52.23 -0.85 -0.07 | 53.91 -0.77 0.00 | 51.88 -0.52 -0.08 | 55.22 -0.84 -0.01 | 55.53 -0.67 0.00 | 56.40 0.00 0.00 | 58.16 -0.06 0.00 | 56.15 0.11 0.00 | 51.74 0.05 0.00 | 51.59 -0.21 0.00 | 51.78 -0.21 0.00 | 49.62 -0.05 0.00 | 41.02 0.00 0.00 | 39.02 -0.72 0.00 |
| FITZPATRICK___ 23598 | 30.33 -1.10 0.00 | 26.70 -1.05 0.00 | 24.07 -0.95 0.00 | 22.77 -0.90 0.00 | 25.05 -0.99 0.00 | 27.12 -1.07 0.00 | 32.86 -1.23 0.00 | 34.90 -1.19 -0.03 | 38.06 -1.30 -0.11 | 47.51 -1.52 0.00 | 51.18 -1.86 -0.03 | 52.82 -1.86 0.00 | 50.79 -1.57 -0.04 | 54.14 -1.91 0.00 | 54.35 -1.85 0.00 | 55.05 -1.35 0.00 | 56.82 -1.40 0.00 | 54.75 -1.29 0.00 | 50.45 -1.24 0.00 | 50.40 -1.40 0.00 | 50.64 -1.35 0.00 | 48.48 -1.19 0.00 | 40.08 -0.94 0.00 | 38.39 -1.35 0.00 |
| FORT ORANGE___ 23900 | 33.41 1.98 0.00 | 29.47 1.72 0.00 | 26.55 1.53 0.00 | 25.04 1.37 0.00 | 27.71 1.67 0.00 | 29.91 1.72 0.00 | 36.24 2.15 0.00 | 39.92 2.38 -1.48 | 46.89 2.79 -4.85 | 52.76 3.73 0.00 | 58.45 3.92 -1.52 | 58.78 4.10 0.00 | 58.29 4.24 -1.73 | 60.55 4.37 -0.13 | 60.58 4.38 0.00 | 60.63 4.23 0.00 | 62.70 4.48 0.00 | 60.19 4.15 0.00 | 55.57 3.88 0.00 | 55.53 3.73 0.00 | 55.58 3.59 0.00 | 53.30 3.63 0.00 | 43.81 2.79 0.00 | 42.20 2.46 0.00 |
| FORT_DRUM_COGEN 23780 | 31.37 -0.06 0.00 | 27.53 -0.22 0.00 | 24.79 -0.23 0.00 | 23.46 -0.21 0.00 | 25.78 -0.26 0.00 | 28.02 -0.17 0.00 | 34.23 0.14 0.00 | 35.48 -0.58 0.00 | 38.82 -0.43 0.00 | 48.54 -0.49 0.00 | 52.59 -0.42 0.00 | 54.35 -0.33 0.00 | 52.22 -0.10 0.00 | 55.60 -0.45 0.00 | 55.81 -0.39 0.00 | 56.12 -0.28 0.00 | 57.81 -0.41 0.00 | 55.70 -0.34 0.00 | 51.33 -0.36 0.00 | 51.33 -0.47 0.00 | 51.83 -0.16 0.00 | 49.52 -0.15 0.00 | 41.27 0.25 0.00 | 39.90 0.16 0.00 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FPL FAR_ROCK_GT1 24212 | 62.80 3.49 -27.88 | 58.86 3.19 -27.92 | 52.38 2.80 -24.56 | 51.69 2.53 -25.49 | 52.03 3.02 -22.97 | 51.69 3.10 -20.40 | 52.74 4.09 -14.56 | 65.36 5.08 -24.22 | 67.27 5.69 -22.33 | 74.89 7.31 -18.55 | 73.21 6.57 -13.63 | 75.61 7.11 -13.82 | 87.16 7.32 -27.52 | 97.86 8.02 -33.79 | 97.70 8.04 -33.46 | 97.38 8.01 -32.97 | 96.56 8.38 -29.96 | 97.43 7.68 -33.71 | 97.48 7.03 -38.76 | 84.73 6.68 -26.25 | 87.22 6.45 -28.78 | 75.67 6.41 -19.59 | 75.95 5.66 -29.27 | 66.09 4.81 -21.54 |
| FPL FAR_ROCK_GT2 23815 | 62.80 3.49 -27.88 | 58.86 3.19 -27.92 | 52.38 2.80 -24.56 | 51.69 2.53 -25.49 | 52.03 3.02 -22.97 | 51.69 3.10 -20.40 | 52.74 4.09 -14.56 | 65.36 5.08 -24.22 | 67.27 5.69 -22.33 | 74.89 7.31 -18.55 | 73.80 7.16 -13.63 | 76.21 7.71 -13.82 | 87.79 7.95 -27.52 | 98.47 8.63 -33.79 | 98.31 8.65 -33.46 | 98.00 8.63 -32.97 | 97.20 9.02 -29.96 | 98.04 8.29 -33.71 | 98.10 7.65 -38.76 | 85.30 7.25 -26.25 | 87.79 7.02 -28.78 | 76.21 6.95 -19.59 | 75.95 5.66 -29.27 | 66.09 4.81 -21.54 |
| FRANKLIN_FALL_HYD 24054 | 30.52 -0.91 0.00 | 27.03 -0.72 0.00 | 24.42 -0.60 0.00 | 23.15 -0.52 0.00 | 25.34 -0.70 0.00 | 27.49 -0.70 0.00 | 33.17 -0.92 0.00 | 34.58 -1.48 0.00 | 37.60 -1.65 0.00 | 46.19 -2.84 0.00 | 50.62 -2.39 0.00 | 52.00 -2.68 0.00 | 49.08 -3.24 0.00 | 53.25 -2.80 0.00 | 53.33 -2.87 0.00 | 52.90 -3.50 0.00 | 54.26 -3.96 0.00 | 52.57 -3.47 0.00 | 48.49 -3.20 0.00 | 48.95 -2.85 0.00 | 49.39 -2.60 0.00 | 46.79 -2.88 0.00 | 38.68 -2.34 0.00 | 38.35 -1.39 0.00 |
| FREEPORT_EQUS_GT1 23764 | 56.50 3.21 -21.86 | 54.38 2.86 -23.77 | 52.06 2.48 -24.56 | 51.41 2.25 -25.49 | 51.72 2.71 -22.97 | 51.47 2.88 -20.40 | 52.41 3.78 -14.54 | 57.38 4.65 -16.67 | 58.84 5.22 -14.37 | 61.28 6.96 -5.29 | 64.89 7.10 -4.78 | 70.55 7.44 -8.43 | 74.19 7.69 -14.18 | 78.22 8.13 -14.04 | 79.00 8.09 -14.71 | 83.36 8.01 -18.95 | 95.40 8.38 -28.80 | 80.41 7.90 -16.47 | 78.89 7.44 -19.76 | 74.54 7.05 -15.69 | 74.78 6.86 -15.93 | 74.07 6.80 -17.60 | 62.51 5.37 -16.12 | 58.58 4.41 -14.43 |
| FULTON COGEN____ 23766 | 30.64 -0.79 0.00 | 26.97 -0.78 0.00 | 24.32 -0.70 0.00 | 23.01 -0.66 0.00 | 25.31 -0.73 0.00 | 27.43 -0.76 0.00 | 33.31 -0.78 0.00 | 35.35 -0.76 -0.05 | 38.65 -0.75 -0.15 | 48.39 -0.64 0.00 | 52.11 -0.95 -0.05 | 53.81 -0.87 0.00 | 51.69 -0.68 -0.05 | 55.10 -0.95 0.00 | 55.36 -0.84 0.00 | 56.17 -0.23 0.00 | 57.93 -0.29 0.00 | 55.87 -0.17 0.00 | 51.43 -0.26 0.00 | 51.33 -0.47 0.00 | 51.57 -0.42 0.00 | 49.37 -0.30 0.00 | 40.81 -0.21 0.00 | 38.95 -0.79 0.00 |
| Freeport____CT2 23818 | 56.50 3.21 -21.86 | 54.38 2.86 -23.77 | 52.06 2.48 -24.56 | 51.41 2.25 -25.49 | 51.72 2.71 -22.97 | 51.47 2.88 -20.40 | 52.41 3.78 -14.54 | 57.38 4.65 -16.67 | 58.84 5.22 -14.37 | 61.28 6.96 -5.29 | 64.89 7.10 -4.78 | 70.55 7.44 -8.43 | 74.19 7.69 -14.18 | 78.22 8.13 -14.04 | 79.00 8.09 -14.71 | 83.36 8.01 -18.95 | 95.40 8.38 -28.80 | 80.41 7.90 -16.47 | 78.89 7.44 -19.76 | 74.54 7.05 -15.69 | 74.78 6.86 -15.93 | 74.07 6.80 -17.60 | 62.51 5.37 -16.12 | 58.58 4.41 -14.43 |
| G.F.CEMENT____DRP 24184 | 34.82 3.39 0.00 | 30.22 2.47 0.00 | 27.60 2.58 0.00 | 25.99 2.32 0.00 | 28.72 2.68 0.00 | 30.92 2.73 0.00 | 37.02 2.93 0.00 | 40.35 2.74 -1.55 | 47.38 3.06 -5.07 | 53.00 3.97 0.00 | 58.95 4.35 -1.59 | 58.78 4.10 0.00 | 58.37 4.24 -1.81 | 60.62 4.43 -0.14 | 60.58 4.38 0.00 | 60.57 4.17 0.00 | 62.59 4.37 0.00 | 60.07 4.03 0.00 | 55.46 3.77 0.00 | 55.37 3.57 0.00 | 55.89 3.90 0.00 | 53.54 3.87 0.00 | 43.93 2.91 0.00 | 42.96 3.22 0.00 |
| GARDENVILLE____LBMP 24039 | 28.66 -2.77 0.00 | 24.81 -2.94 0.00 | 22.32 -2.70 0.00 | 21.14 -2.53 0.00 | 23.18 -2.86 0.00 | 25.23 -2.96 0.00 | 30.58 -3.51 0.00 | 34.41 -1.88 -0.23 | 38.12 -1.88 -0.75 | 47.80 -1.23 0.00 | 50.01 -3.23 -0.23 | 51.78 -2.90 0.00 | 51.96 -0.63 -0.27 | 53.94 -2.13 -0.02 | 53.90 -2.30 0.00 | 55.05 -1.35 0.00 | 56.65 -1.57 0.00 | 54.53 -1.51 0.00 | 50.24 -1.45 0.00 | 49.57 -2.23 0.00 | 50.38 -1.61 0.00 | 48.43 -1.24 0.00 | 40.28 -0.74 0.00 | 36.52 -3.22 0.00 |
| GENERAL____MILLS 23808 | 28.76 -2.67 0.00 | 24.89 -2.86 0.00 | 22.39 -2.63 0.00 | 21.21 -2.46 0.00 | 23.25 -2.79 0.00 | 25.31 -2.88 0.00 | 30.68 -3.41 0.00 | 34.52 -1.77 -0.23 | 38.23 -1.77 -0.75 | 47.90 -1.13 0.00 | 50.12 -3.13 -0.24 | 51.89 -2.79 0.00 | 52.12 -0.47 -0.27 | 54.11 -1.96 -0.02 | 54.01 -2.19 0.00 | 55.16 -1.24 0.00 | 56.76 -1.46 0.00 | 54.64 -1.40 0.00 | 50.35 -1.34 0.00 | 49.73 -2.07 0.00 | 50.53 -1.46 0.00 | 48.53 -1.14 0.00 | 40.40 -0.62 0.00 | 36.64 -3.10 0.00 |
| GE_PLASTICS____DRP 24183 | 32.53 1.10 0.00 | 28.75 1.00 0.00 | 25.92 0.90 0.00 | 24.45 0.78 0.00 | 27.03 0.99 0.00 | 29.18 0.99 0.00 | 35.35 1.26 0.00 | 39.00 1.44 -1.50 | 45.87 1.73 -4.89 | 51.33 2.30 0.00 | 56.93 2.39 -1.53 | 57.20 2.52 0.00 | 56.68 2.62 -1.74 | 58.81 2.63 -0.13 | 58.84 2.64 0.00 | 58.94 2.54 0.00 | 60.96 2.74 0.00 | 58.56 2.52 0.00 | 54.07 2.38 0.00 | 54.08 2.28 0.00 | 54.17 2.18 0.00 | 51.91 2.24 0.00 | 42.74 1.72 0.00 | 41.17 1.43 0.00 |
| GILBOA____1 23756 | 32.50 1.07 0.00 | 28.78 1.03 0.00 | 25.97 0.95 0.00 | 24.52 0.85 0.00 | 27.11 1.07 0.00 | 29.20 1.01 0.00 | 35.35 1.26 0.00 | 38.91 1.66 -1.19 | 45.05 1.92 -3.88 | 51.78 2.75 0.00 | 56.98 2.76 -1.21 | 57.41 2.73 0.00 | 56.53 2.83 -1.38 | 59.02 2.86 -0.11 | 59.07 2.87 0.00 | 59.05 2.65 0.00 | 61.19 2.97 0.00 | 58.79 2.75 0.00 | 54.27 2.58 0.00 | 54.39 2.59 0.00 | 54.49 2.50 0.00 | 52.20 2.53 0.00 | 42.99 1.97 0.00 | 41.21 1.47 0.00 |
| GILBOA____2 23757 | 32.50 1.07 0.00 | 28.78 1.03 0.00 | 26.07 1.05 0.00 | 24.62 0.95 0.00 | 27.21 1.17 0.00 | 29.20 1.01 0.00 | 35.35 1.26 0.00 | 38.91 1.66 -1.19 | 45.05 1.92 -3.88 | 51.78 2.75 0.00 | 56.98 2.76 -1.21 | 57.20 2.52 0.00 | 56.26 2.56 -1.38 | 58.74 2.58 -0.11 | 58.79 2.59 0.00 | 58.77 2.37 0.00 | 60.90 2.68 0.00 | 58.56 2.52 0.00 | 54.07 2.38 0.00 | 54.39 2.59 0.00 | 54.49 2.50 0.00 | 52.20 2.53 0.00 | 42.99 1.97 0.00 | 41.21 1.47 0.00 |
| GILBOA____3 23758 | 32.50 1.07 0.00 | 28.78 1.03 0.00 | 25.97 0.95 0.00 | 24.52 0.85 0.00 | 27.11 1.07 0.00 | 29.20 1.01 0.00 | 35.35 1.26 0.00 | 38.91 1.66 -1.19 | 45.05 1.92 -3.88 | 51.78 2.75 0.00 | 56.98 2.76 -1.21 | 57.41 2.73 0.00 | 56.53 2.83 -1.38 | 59.02 2.86 -0.11 | 59.07 2.87 0.00 | 59.05 2.65 0.00 | 61.19 2.97 0.00 | 58.79 2.75 0.00 | 54.27 2.58 0.00 | 54.39 2.59 0.00 | 54.49 2.50 0.00 | 52.20 2.53 0.00 | 42.99 1.97 0.00 | 41.21 1.47 0.00 |
| GILBOA____4 23759 | 32.50 1.07 0.00 | 28.92 1.17 0.00 | 26.07 1.05 0.00 | 24.62 0.95 0.00 | 27.21 1.17 0.00 | 29.32 1.13 0.00 | 35.35 1.26 0.00 | 38.91 1.66 -1.19 | 45.05 1.92 -3.88 | 51.78 2.75 0.00 | 56.98 2.76 -1.21 | 57.41 2.73 0.00 | 56.32 2.62 -1.38 | 58.79 2.63 -0.11 | 58.79 2.59 0.00 | 58.77 2.37 0.00 | 61.19 2.97 0.00 | 58.79 2.75 0.00 | 54.27 2.58 0.00 | 54.39 2.59 0.00 | 54.49 2.50 0.00 | 52.20 2.53 0.00 | 42.99 1.97 0.00 | 41.21 1.47 0.00 |
| GILBOA____ 23599 | 32.50 1.07 0.00 | 28.78 1.03 0.00 | 25.97 0.95 0.00 | 24.52 0.85 0.00 | 27.11 1.07 0.00 | 29.20 1.01 0.00 | 35.35 1.26 0.00 | 38.91 1.66 -1.19 | 45.05 1.92 -3.88 | 51.78 2.75 0.00 | 56.98 2.76 -1.21 | 57.41 2.73 0.00 | 56.53 2.83 -1.38 | 59.02 2.86 -0.11 | 59.07 2.87 0.00 | 59.05 2.65 0.00 | 61.19 2.97 0.00 | 58.79 2.75 0.00 | 54.27 2.58 0.00 | 54.39 2.59 0.00 | 54.49 2.50 0.00 | 52.20 2.53 0.00 | 42.99 1.97 0.00 | 41.21 1.47 0.00 |
| GINNA____ 23603 | 28.76 -2.67 0.00 | 25.09 -2.66 0.00 | 22.62 -2.40 0.00 | 21.44 -2.23 0.00 | 23.51 -2.53 0.00 | 25.54 -2.65 0.00 | 30.92 -3.17 0.00 | 33.52 -2.67 -0.13 | 36.54 -3.14 -0.43 | 45.35 -3.68 0.00 | 48.63 -4.51 -0.13 | 50.25 -4.43 0.00 | 49.07 -3.40 -0.15 | 51.74 -4.32 -0.01 | 51.76 -4.44 0.00 | 52.79 -3.61 0.00 | 54.38 -3.84 0.00 | 52.29 -3.75 0.00 | 48.07 -3.62 0.00 | 47.86 -3.94 0.00 | 48.19 -3.80 0.00 | 46.19 -3.48 0.00 | 38.56 -2.46 0.00 | 36.36 -3.38 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| GLEN PARK____ 23778 | 31.59 0.16 0.00 | 27.69 -0.06 0.00 | 24.97 -0.05 0.00 | 23.60 -0.07 0.00 | 25.94 -0.10 0.00 | 28.22 0.03 0.00 | 34.47 0.38 0.00 | 35.86 -0.22 -0.02 | 39.28 -0.04 -0.07 | 49.13 0.10 0.00 | 53.14 0.11 -0.02 | 54.90 0.22 0.00 | 52.86 0.52 -0.02 | 56.22 0.17 0.00 | 56.37 0.17 0.00 | 56.79 0.39 0.00 | 58.51 0.29 0.00 | 56.38 0.34 0.00 | 51.95 0.26 0.00 | 51.90 0.10 0.00 | 52.35 0.36 0.00 | 50.07 0.40 0.00 | 41.72 0.70 0.00 | 40.26 0.52 0.00 |
| GLENWOOD_IC_1_G5 23712 | 55.66 2.89 -21.34 | 53.74 2.58 -23.41 | 51.78 2.20 -24.56 | 51.15 1.99 -25.49 | 51.43 2.42 -22.97 | 51.16 2.57 -20.40 | 52.00 3.37 -14.54 | 56.26 4.18 -16.02 | 57.65 4.71 -13.69 | 59.99 6.28 -4.68 | 63.79 6.41 -4.37 | 69.59 6.73 -8.18 | 72.69 6.80 -13.57 | 76.24 7.06 -13.13 | 77.12 7.08 -13.84 | 81.69 6.99 -18.30 | 94.31 7.34 -28.75 | 78.61 6.89 -15.68 | 77.13 6.56 -18.88 | 73.27 6.27 -15.20 | 73.31 5.98 -15.34 | 73.29 6.11 -17.51 | 61.53 5.00 -15.51 | 57.57 4.01 -13.82 |
| GLENWOOD_IC_2_G1 23688 | 54.63 2.70 -20.50 | 53.02 2.44 -22.83 | 51.66 2.08 -24.56 | 51.03 1.87 -25.49 | 51.30 2.29 -22.97 | 50.99 2.40 -20.40 | 51.83 3.20 -14.54 | 55.02 4.00 -14.96 | 56.29 4.47 -12.57 | 58.10 5.93 -3.14 | 62.39 6.04 -3.34 | 68.74 6.51 -7.55 | 71.03 6.70 -12.01 | 73.89 7.01 -10.83 | 74.87 7.02 -11.65 | 80.01 6.94 -16.67 | 94.06 7.22 -28.62 | 76.49 6.78 -13.67 | 74.77 6.41 -16.67 | 71.88 6.11 -13.97 | 71.70 5.87 -13.84 | 72.86 5.91 -17.28 | 59.68 4.68 -13.98 | 56.30 3.74 -12.82 |
| GLENWOOD_IC_3_G1 23689 | 54.63 2.70 -20.50 | 53.02 2.44 -22.83 | 51.66 2.08 -24.56 | 51.03 1.87 -25.49 | 51.30 2.29 -22.97 | 50.99 2.40 -20.40 | 51.83 3.20 -14.54 | 55.02 4.00 -14.96 | 56.29 4.47 -12.57 | 58.10 5.93 -3.14 | 62.39 6.04 -3.34 | 68.74 6.51 -7.55 | 71.03 6.70 -12.01 | 73.89 7.01 -10.83 | 74.87 7.02 -11.65 | 80.01 6.94 -16.67 | 94.06 7.22 -28.62 | 76.49 6.78 -13.67 | 74.77 6.41 -16.67 | 71.88 6.11 -13.97 | 71.70 5.87 -13.84 | 72.86 5.91 -17.28 | 59.68 4.68 -13.98 | 56.30 3.74 -12.82 |
| GLENWOOD____4 23550 | 55.66 2.89 -21.34 | 53.74 2.58 -23.41 | 51.78 2.20 -24.56 | 51.15 1.99 -25.49 | 51.43 2.42 -22.97 | 51.16 2.57 -20.40 | 52.00 3.37 -14.54 | 56.26 4.18 -16.02 | 57.65 4.71 -13.69 | 59.99 6.28 -4.68 | 63.79 6.41 -4.37 | 69.59 6.73 -8.18 | 72.69 6.80 -13.57 | 76.24 7.06 -13.13 | 77.12 7.08 -13.84 | 81.69 6.99 -18.30 | 94.31 7.34 -28.75 | 78.61 6.89 -15.68 | 77.13 6.56 -18.88 | 73.27 6.27 -15.20 | 73.31 5.98 -15.34 | 73.29 6.11 -17.51 | 61.53 5.00 -15.51 | 57.57 4.01 -13.82 |
| GLENWOOD____5 23614 | 55.66 2.89 -21.34 | 53.74 2.58 -23.41 | 51.78 2.20 -24.56 | 51.15 1.99 -25.49 | 51.43 2.42 -22.97 | 51.16 2.57 -20.40 | 52.00 3.37 -14.54 | 56.26 4.18 -16.02 | 57.65 4.71 -13.69 | 59.99 6.28 -4.68 | 63.79 6.41 -4.37 | 69.59 6.73 -8.18 | 72.69 6.80 -13.57 | 76.24 7.06 -13.13 | 77.12 7.08 -13.84 | 81.69 6.99 -18.30 | 94.31 7.34 -28.75 | 78.61 6.89 -15.68 | 77.13 6.56 -18.88 | 73.27 6.27 -15.20 | 73.31 5.98 -15.34 | 73.29 6.11 -17.51 | 61.53 5.00 -15.51 | 57.57 4.01 -13.82 |
| GLOBAL GREEN_PORT_GT1 23814 | 56.23 4.65 -20.15 | 54.37 4.02 -22.60 | 53.01 3.43 -24.56 | 52.25 3.10 -25.48 | 52.66 3.65 -22.97 | 52.51 3.92 -20.40 | 53.71 5.08 -14.54 | 56.76 6.17 -14.53 | 58.59 7.22 -12.12 | 60.92 9.51 -2.38 | 65.87 10.02 -2.84 | 72.87 10.94 -7.25 | 74.99 11.41 -11.26 | 77.81 12.05 -9.71 | 78.76 11.97 -10.59 | 84.23 11.96 -15.87 | 99.17 12.40 -28.55 | 80.55 11.82 -12.69 | 78.14 10.86 -15.59 | 75.58 10.41 -13.37 | 75.45 10.35 -13.11 | 76.96 10.13 -17.16 | 61.76 7.51 -13.23 | 58.48 6.32 -12.42 |
| GOUDEY____7 23579 | 30.68 -0.75 0.00 | 26.81 -0.94 0.00 | 24.12 -0.90 0.00 | 22.79 -0.88 0.00 | 25.10 -0.94 0.00 | 27.18 -1.01 0.00 | 33.27 -0.82 0.00 | 37.11 0.50 -0.55 | 42.38 1.33 -1.80 | 52.22 3.19 0.00 | 56.27 2.70 -0.56 | 57.69 3.01 0.00 | 57.04 4.08 -0.64 | 60.08 3.98 -0.05 | 60.19 3.99 0.00 | 58.71 2.31 0.00 | 60.61 2.39 0.00 | 58.34 2.30 0.00 | 53.71 2.02 0.00 | 53.20 1.40 0.00 | 53.55 1.56 0.00 | 51.26 1.59 0.00 | 41.96 0.94 0.00 | 39.18 -0.56 0.00 |
| GOUDEY____8 23580 | 30.58 -0.85 0.00 | 26.72 -1.03 0.00 | 24.04 -0.98 0.00 | 22.72 -0.95 0.00 | 25.02 -1.02 0.00 | 27.12 -1.07 0.00 | 33.17 -0.92 0.00 | 36.93 0.32 -0.55 | 42.19 1.14 -1.80 | 51.92 2.89 0.00 | 55.96 2.39 -0.56 | 57.36 2.68 0.00 | 56.73 3.77 -0.64 | 59.74 3.64 -0.05 | 59.85 3.65 0.00 | 58.37 1.97 0.00 | 60.26 2.04 0.00 | 58.00 1.96 0.00 | 53.45 1.76 0.00 | 52.89 1.09 0.00 | 53.24 1.25 0.00 | 50.96 1.29 0.00 | 41.76 0.74 0.00 | 38.99 -0.75 0.00 |
| GOWANUS_GT_1_GRP 23732 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT_2_GRP 23617 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT_3_GRP 23618 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT_4_GRP 23751 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT1_1 24077 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT1_2 24078 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT1_3 24079 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |

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| GOWANUS_GT1_4 24080 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT1_5 24084 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT1_6 24111 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT1_7 24112 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT1_8 24113 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT2_1 24114 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT2_2 24115 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT2_3 24116 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT2_4 24117 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT2_5 24118 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT2_6 24119 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT2_7 24120 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT2_8 24121 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT3_1 24122 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT3_2 24123 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT3_3 24124 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |

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|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_4 24125 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT3_5 24126 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT3_6 24127 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT3_7 24128 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT3_8 24129 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT4_1 24130 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT4_2 24131 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT4_3 24132 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT4_4 24133 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT4_5 24134 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT4_6 24135 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT4_7 24136 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GOWANUS_GT4_8 24137 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| GRAHMSVILLE___HY 23607 | 32.28 0.85 0.00 | 28.69 0.94 0.00 | 25.65 0.63 0.00 | 24.19 0.52 0.00 | 26.90 0.86 0.00 | 29.04 0.85 0.00 | 35.35 1.26 0.00 | 39.02 1.91 -1.05 | 44.89 2.20 -3.44 | 52.12 3.09 0.00 | 57.16 3.07 -1.08 | 58.12 3.44 0.00 | 57.21 3.66 -1.23 | 59.90 3.76 -0.09 | 59.97 3.77 0.00 | 60.01 3.61 0.00 | 62.00 3.78 0.00 | 59.57 3.53 0.00 | 54.95 3.26 0.00 | 54.86 3.06 0.00 | 54.90 2.91 0.00 | 52.60 2.93 0.00 | 43.28 2.26 0.00 | 41.21 1.47 0.00 |
| GREENIDGE___3 23582 | 29.70 -1.73 0.00 | 25.86 -1.89 0.00 | 23.32 -1.70 0.00 | 22.08 -1.59 0.00 | 24.22 -1.82 0.00 | 26.27 -1.92 0.00 | 32.08 -2.01 0.00 | 35.02 -1.33 -0.29 | 39.21 -0.98 -0.94 | 48.98 -0.05 0.00 | 52.35 -0.95 -0.29 | 53.97 -0.71 0.00 | 53.17 0.52 -0.33 | 55.97 -0.11 -0.03 | 56.14 -0.06 0.00 | 56.29 -0.11 0.00 | 58.05 -0.17 0.00 | 55.93 -0.11 0.00 | 51.48 -0.21 0.00 | 50.92 -0.88 0.00 | 51.37 -0.62 0.00 | 49.22 -0.45 0.00 | 40.53 -0.49 0.00 | 37.55 -2.19 0.00 |
| GREENIDGE___4 23583 | 29.64 -1.79 0.00 | 25.81 -1.94 0.00 | 23.27 -1.75 0.00 | 22.06 -1.61 0.00 | 24.19 -1.85 0.00 | 26.22 -1.97 0.00 | 32.04 -2.05 0.00 | 34.87 -1.48 -0.29 | 39.05 -1.14 -0.94 | 48.74 -0.29 0.00 | 52.13 -1.17 -0.29 | 53.75 -0.93 0.00 | 52.91 0.26 -0.33 | 55.69 -0.39 -0.03 | 55.86 -0.34 0.00 | 56.06 -0.34 0.00 | 57.75 -0.47 0.00 | 55.70 -0.34 0.00 | 51.22 -0.47 0.00 | 50.66 -1.14 0.00 | 51.11 -0.88 0.00 | 48.97 -0.70 0.00 | 40.36 -0.66 0.00 | 37.40 -2.34 0.00 |

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| HARZA MOOSE___RIVER 24016 | 31.78 0.35 0.00 | 27.94 0.19 0.00 | 25.20 0.18 0.00 | 23.84 0.17 0.00 | 26.20 0.16 0.00 | 28.42 0.23 0.00 | 34.57 0.48 0.00 | 36.24 0.18 0.00 | 39.60 0.35 0.00 | 49.57 0.54 0.00 | 53.59 0.58 0.00 | 55.34 0.66 0.00 | 53.16 0.84 0.00 | 56.72 0.67 0.00 | 56.87 0.67 0.00 | 57.13 0.73 0.00 | 58.92 0.70 0.00 | 56.71 0.67 0.00 | 52.31 0.62 0.00 | 52.32 0.52 0.00 | 52.67 0.68 0.00 | 50.37 0.70 0.00 | 41.76 0.74 0.00 | 40.34 0.60 0.00 |
| HEMPSTEAD___ 23647 | 55.63 2.92 -21.28 | 53.74 2.61 -23.38 | 51.81 2.23 -24.56 | 51.17 2.01 -25.49 | 51.46 2.45 -22.97 | 51.18 2.59 -20.40 | 52.07 3.44 -14.54 | 56.23 4.22 -15.95 | 57.61 4.75 -13.61 | 59.77 6.28 -4.46 | 63.64 6.41 -4.22 | 69.50 6.73 -8.09 | 72.62 6.96 -13.34 | 76.14 7.29 -12.80 | 76.97 7.25 -13.52 | 81.63 7.16 -18.07 | 94.46 7.51 -28.73 | 78.48 7.06 -15.38 | 76.97 6.72 -18.56 | 73.20 6.37 -15.03 | 73.24 6.13 -15.12 | 73.30 6.16 -17.47 | 61.23 4.92 -15.29 | 57.50 4.01 -13.75 |
| HICKLING___1 23621 | 29.89 -1.54 0.00 | 25.86 -1.89 0.00 | 23.24 -1.78 0.00 | 21.99 -1.68 0.00 | 24.16 -1.88 0.00 | 26.22 -1.97 0.00 | 32.32 -1.77 0.00 | 36.37 -0.11 -0.42 | 41.51 0.90 -1.36 | 52.17 3.14 0.00 | 55.83 2.39 -0.43 | 57.47 2.79 0.00 | 57.09 4.29 -0.48 | 60.13 4.04 -0.04 | 60.25 4.05 0.00 | 59.50 3.10 0.00 | 61.31 3.09 0.00 | 59.12 3.08 0.00 | 54.33 2.64 0.00 | 53.41 1.61 0.00 | 53.91 1.92 0.00 | 51.61 1.94 0.00 | 42.13 1.11 0.00 | 38.47 -1.27 0.00 |
| HICKLING___2 23622 | 29.89 -1.54 0.00 | 25.86 -1.89 0.00 | 23.24 -1.78 0.00 | 21.99 -1.68 0.00 | 24.16 -1.88 0.00 | 26.22 -1.97 0.00 | 32.32 -1.77 0.00 | 36.37 -0.11 -0.42 | 41.51 0.90 -1.36 | 52.17 3.14 0.00 | 55.83 2.39 -0.43 | 57.47 2.79 0.00 | 57.09 4.29 -0.48 | 60.13 4.04 -0.04 | 60.25 4.05 0.00 | 59.50 3.10 0.00 | 61.31 3.09 0.00 | 59.12 3.08 0.00 | 54.33 2.64 0.00 | 53.41 1.61 0.00 | 53.91 1.92 0.00 | 51.61 1.94 0.00 | 42.13 1.11 0.00 | 38.47 -1.27 0.00 |
| HIGH FALLS___HY 23754 | 32.34 0.91 0.00 | 28.89 1.14 0.00 | 25.70 0.68 0.00 | 24.24 0.57 0.00 | 27.08 1.04 0.00 | 29.20 1.01 0.00 | 35.56 1.47 0.00 | 39.54 2.27 -1.21 | 45.65 2.43 -3.97 | 52.41 3.38 0.00 | 57.64 3.39 -1.24 | 58.51 3.83 0.00 | 57.71 3.98 -1.41 | 60.31 4.15 -0.11 | 60.36 4.16 0.00 | 60.52 4.12 0.00 | 62.53 4.31 0.00 | 60.02 3.98 0.00 | 55.36 3.67 0.00 | 55.32 3.52 0.00 | 55.32 3.33 0.00 | 52.95 3.28 0.00 | 43.56 2.54 0.00 | 41.33 1.59 0.00 |
| HILLBURN___GT 23639 | 33.41 1.98 0.00 | 29.58 1.83 0.00 | 26.50 1.48 0.00 | 25.00 1.33 0.00 | 27.73 1.69 0.00 | 29.97 1.78 0.00 | 36.54 2.45 0.00 | 40.39 3.17 -1.16 | 46.57 3.53 -3.79 | 53.74 4.71 0.00 | 59.02 4.82 -1.19 | 59.93 5.25 0.00 | 59.16 5.49 -1.35 | 61.87 5.72 -0.10 | 61.93 5.73 0.00 | 62.04 5.64 0.00 | 64.16 5.94 0.00 | 61.53 5.49 0.00 | 56.86 5.17 0.00 | 56.67 4.87 0.00 | 56.67 4.68 0.00 | 54.39 4.72 0.00 | 44.75 3.73 0.00 | 42.56 2.82 0.00 |
| HOLTSVIL 1-5___GRP1 24031 | 54.52 2.95 -20.14 | 53.00 2.66 -22.59 | 51.86 2.28 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.18 2.59 -20.40 | 51.97 3.34 -14.54 | 54.44 3.86 -14.52 | 55.68 4.32 -12.11 | 56.93 5.54 -2.36 | 61.51 5.67 -2.83 | 68.15 6.23 -7.24 | 70.15 6.59 -11.24 | 72.57 6.84 -9.68 | 73.45 6.69 -10.56 | 78.91 6.66 -15.85 | 93.70 6.93 -28.55 | 75.20 6.50 -12.66 | 73.40 6.15 -15.56 | 71.07 5.91 -13.36 | 70.80 5.72 -13.09 | 72.59 5.76 -17.16 | 58.58 4.35 -13.21 | 55.85 3.70 -12.41 |
| HOLTSVIL6-10___GRP2 24032 | 54.77 3.17 -20.17 | 53.19 2.83 -22.61 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.18 3.55 -14.54 | 54.72 4.11 -14.55 | 55.98 4.59 -12.14 | 57.36 5.93 -2.40 | 61.96 6.10 -2.85 | 68.66 6.73 -7.25 | 70.71 7.12 -11.27 | 73.18 7.40 -9.73 | 74.00 7.19 -10.61 | 79.40 7.11 -15.89 | 94.22 7.45 -28.55 | 75.75 7.00 -12.71 | 73.86 6.56 -15.61 | 71.56 6.37 -13.39 | 71.36 6.24 -13.13 | 73.04 6.21 -17.16 | 58.94 4.68 -13.24 | 56.10 3.93 -12.43 |
| HOLTSVILLE_IC_1 23690 | 54.52 2.95 -20.14 | 53.00 2.66 -22.59 | 51.86 2.28 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.18 2.59 -20.40 | 51.97 3.34 -14.54 | 54.44 3.86 -14.52 | 55.68 4.32 -12.11 | 56.93 5.54 -2.36 | 61.51 5.67 -2.83 | 68.15 6.23 -7.24 | 70.15 6.59 -11.24 | 72.57 6.84 -9.68 | 73.45 6.69 -10.56 | 78.91 6.66 -15.85 | 93.70 6.93 -28.55 | 75.20 6.50 -12.66 | 73.40 6.15 -15.56 | 71.07 5.91 -13.36 | 70.80 5.72 -13.09 | 72.59 5.76 -17.16 | 58.58 4.35 -13.21 | 55.85 3.70 -12.41 |
| HOLTSVILLE_IC_10 23699 | 54.77 3.17 -20.17 | 53.19 2.83 -22.61 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.18 3.55 -14.54 | 54.72 4.11 -14.55 | 55.98 4.59 -12.14 | 57.36 5.93 -2.40 | 61.96 6.10 -2.85 | 68.66 6.73 -7.25 | 70.71 7.12 -11.27 | 73.18 7.40 -9.73 | 74.00 7.19 -10.61 | 79.40 7.11 -15.89 | 94.22 7.45 -28.55 | 75.75 7.00 -12.71 | 73.86 6.56 -15.61 | 71.56 6.37 -13.39 | 71.36 6.24 -13.13 | 73.04 6.21 -17.16 | 58.94 4.68 -13.24 | 56.10 3.93 -12.43 |
| HOLTSVILLE_IC_2 23691 | 54.52 2.95 -20.14 | 53.00 2.66 -22.59 | 51.86 2.28 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.18 2.59 -20.40 | 51.97 3.34 -14.54 | 54.44 3.86 -14.52 | 55.68 4.32 -12.11 | 56.93 5.54 -2.36 | 61.51 5.67 -2.83 | 68.15 6.23 -7.24 | 70.15 6.59 -11.24 | 72.57 6.84 -9.68 | 73.45 6.69 -10.56 | 78.91 6.66 -15.85 | 93.70 6.93 -28.55 | 75.20 6.50 -12.66 | 73.40 6.15 -15.56 | 71.07 5.91 -13.36 | 70.80 5.72 -13.09 | 72.59 5.76 -17.16 | 58.58 4.35 -13.21 | 55.85 3.70 -12.41 |
| HOLTSVILLE_IC_3 23692 | 54.52 2.95 -20.14 | 53.00 2.66 -22.59 | 51.86 2.28 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.18 2.59 -20.40 | 51.97 3.34 -14.54 | 54.44 3.86 -14.52 | 55.68 4.32 -12.11 | 56.93 5.54 -2.36 | 61.51 5.67 -2.83 | 68.15 6.23 -7.24 | 70.15 6.59 -11.24 | 72.57 6.84 -9.68 | 73.45 6.69 -10.56 | 78.91 6.66 -15.85 | 93.70 6.93 -28.55 | 75.20 6.50 -12.66 | 73.40 6.15 -15.56 | 71.07 5.91 -13.36 | 70.80 5.72 -13.09 | 72.59 5.76 -17.16 | 58.58 4.35 -13.21 | 55.85 3.70 -12.41 |
| HOLTSVILLE_IC_4 23693 | 54.52 2.95 -20.14 | 53.00 2.66 -22.59 | 51.86 2.28 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.18 2.59 -20.40 | 51.97 3.34 -14.54 | 54.44 3.86 -14.52 | 55.68 4.32 -12.11 | 56.93 5.54 -2.36 | 61.51 5.67 -2.83 | 68.15 6.23 -7.24 | 70.15 6.59 -11.24 | 72.57 6.84 -9.68 | 73.45 6.69 -10.56 | 78.91 6.66 -15.85 | 93.70 6.93 -28.55 | 75.20 6.50 -12.66 | 73.40 6.15 -15.56 | 71.07 5.91 -13.36 | 70.80 5.72 -13.09 | 72.59 5.76 -17.16 | 58.58 4.35 -13.21 | 55.85 3.70 -12.41 |
| HOLTSVILLE_IC_5 23694 | 54.52 2.95 -20.14 | 53.00 2.66 -22.59 | 51.86 2.28 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.18 2.59 -20.40 | 51.97 3.34 -14.54 | 54.44 3.86 -14.52 | 55.68 4.32 -12.11 | 56.93 5.54 -2.36 | 61.51 5.67 -2.83 | 68.15 6.23 -7.24 | 70.15 6.59 -11.24 | 72.57 6.84 -9.68 | 73.45 6.69 -10.56 | 78.91 6.66 -15.85 | 93.70 6.93 -28.55 | 75.20 6.50 -12.66 | 73.40 6.15 -15.56 | 71.07 5.91 -13.36 | 70.80 5.72 -13.09 | 72.59 5.76 -17.16 | 58.58 4.35 -13.21 | 55.85 3.70 -12.41 |
| HOLTSVILLE_IC_6 23695 | 54.77 3.17 -20.17 | 53.19 2.83 -22.61 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.18 3.55 -14.54 | 54.72 4.11 -14.55 | 55.98 4.59 -12.14 | 57.36 5.93 -2.40 | 61.96 6.10 -2.85 | 68.66 6.73 -7.25 | 70.71 7.12 -11.27 | 73.18 7.40 -9.73 | 74.00 7.19 -10.61 | 79.40 7.11 -15.89 | 94.22 7.45 -28.55 | 75.75 7.00 -12.71 | 73.86 6.56 -15.61 | 71.56 6.37 -13.39 | 71.36 6.24 -13.13 | 73.04 6.21 -17.16 | 58.94 4.68 -13.24 | 56.10 3.93 -12.43 |
| HOLTSVILLE_IC_7 23696 | 54.77 3.17 -20.17 | 53.19 2.83 -22.61 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.18 3.55 -14.54 | 54.72 4.11 -14.55 | 55.98 4.59 -12.14 | 57.36 5.93 -2.40 | 61.96 6.10 -2.85 | 68.66 6.73 -7.25 | 70.71 7.12 -11.27 | 73.18 7.40 -9.73 | 74.00 7.19 -10.61 | 79.40 7.11 -15.89 | 94.22 7.45 -28.55 | 75.75 7.00 -12.71 | 73.86 6.56 -15.61 | 71.56 6.37 -13.39 | 71.36 6.24 -13.13 | 73.04 6.21 -17.16 | 58.94 4.68 -13.24 | 56.10 3.93 -12.43 |

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| HOLTSVILLE_IC_8 23697 | 54.77 3.17 -20.17 | 53.19 2.83 -22.61 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.18 3.55 -14.54 | 54.72 4.11 -14.55 | 55.98 4.59 -12.14 | 57.36 5.93 -2.40 | 61.96 6.10 -2.85 | 68.66 6.73 -7.25 | 70.71 7.12 -11.27 | 73.18 7.40 -9.73 | 74.00 7.19 -10.61 | 79.40 7.11 -15.89 | 94.22 7.45 -28.55 | 75.75 7.00 -12.71 | 73.86 6.56 -15.61 | 71.56 6.37 -13.39 | 71.36 6.24 -13.13 | 73.04 6.21 -17.16 | 58.94 4.68 -13.24 | 56.10 3.93 -12.43 |
| HOLTSVILLE_IC_9 23698 | 54.77 3.17 -20.17 | 53.19 2.83 -22.61 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.18 3.55 -14.54 | 54.72 4.11 -14.55 | 55.98 4.59 -12.14 | 57.36 5.93 -2.40 | 61.96 6.10 -2.85 | 68.66 6.73 -7.25 | 70.71 7.12 -11.27 | 73.18 7.40 -9.73 | 74.00 7.19 -10.61 | 79.40 7.11 -15.89 | 94.22 7.45 -28.55 | 75.75 7.00 -12.71 | 73.86 6.56 -15.61 | 71.56 6.37 -13.39 | 71.36 6.24 -13.13 | 73.04 6.21 -17.16 | 58.94 4.68 -13.24 | 56.10 3.93 -12.43 |
| HQ_GEN_CEDARS 23644 | 30.80 -0.63 0.00 | 27.25 -0.50 0.00 | 24.62 -0.40 0.00 | 23.31 -0.36 0.00 | 25.55 -0.49 0.00 | 27.71 -0.48 0.00 | 33.54 -0.55 0.00 | 35.01 -1.05 0.00 | 38.46 -0.79 0.00 | 47.22 -1.81 0.00 | 51.74 -1.27 0.00 | 53.15 -1.53 0.00 | 49.91 -2.41 0.00 | 54.09 -1.96 0.00 | 54.18 -2.02 0.00 | 53.75 -2.65 0.00 | 55.02 -3.20 0.00 | 53.41 -2.63 0.00 | 49.26 -2.43 0.00 | 49.68 -2.12 0.00 | 50.17 -1.82 0.00 | 47.53 -2.14 0.00 | 39.34 -1.68 0.00 | 38.79 -0.95 0.00 |
| HQ_GEN_CHAT DC 23651 | 28.00 -0.38 3.05 | 27.50 -0.25 0.00 | 24.82 -0.20 0.00 | 23.53 -0.14 0.00 | 25.78 -0.26 0.00 | 27.94 -0.25 0.00 | 33.65 -0.44 0.00 | 35.27 -0.79 0.00 | 38.31 -0.94 0.00 | 47.46 -1.57 0.00 | 51.68 -1.33 0.00 | 53.15 -1.53 0.00 | 50.38 -1.94 0.00 | 54.37 -1.68 0.00 | 54.51 -1.69 0.00 | 54.37 -2.03 0.00 | 56.01 -2.21 0.00 | 54.02 -2.02 0.00 | 49.83 -1.86 0.00 | 50.19 -1.61 0.00 | 50.43 -1.56 0.00 | 47.93 -1.74 0.00 | 39.63 -1.39 0.00 | 39.10 -0.64 0.00 |
| HUDAV+59+74_TH_GRP 23620 | 51.46 2.80 -17.23 | 49.91 2.53 -19.63 | 43.62 2.13 -16.47 | 25.61 1.92 -0.02 | 28.38 2.34 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.94 4.08 -9.80 | 51.53 4.55 -7.73 | 56.39 6.03 -1.33 | 60.39 6.15 -1.23 | 61.30 6.62 0.00 | 60.57 6.85 -1.40 | 63.33 7.17 -0.11 | 63.34 7.14 0.00 | 63.45 7.05 0.00 | 65.61 7.39 0.00 | 62.99 6.95 0.00 | 58.20 6.51 0.00 | 58.02 6.22 0.00 | 57.97 5.98 0.00 | 55.73 6.06 0.00 | 69.99 4.80 -24.17 | 49.95 3.81 -6.40 |
| HUDSON AVE_GT_3 23810 | 51.46 2.80 -17.23 | 49.91 2.53 -19.63 | 43.62 2.13 -16.47 | 25.61 1.92 -0.02 | 28.38 2.34 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.94 4.08 -9.80 | 51.53 4.55 -7.73 | 56.39 6.03 -1.33 | 60.39 6.15 -1.23 | 61.30 6.62 0.00 | 60.57 6.85 -1.40 | 63.33 7.17 -0.11 | 63.34 7.14 0.00 | 63.45 7.05 0.00 | 65.61 7.39 0.00 | 62.99 6.95 0.00 | 58.20 6.51 0.00 | 58.02 6.22 0.00 | 57.97 5.98 0.00 | 55.73 6.06 0.00 | 69.99 4.80 -24.17 | 49.95 3.81 -6.40 |
| HUDSON AVE_GT_4 23540 | 51.46 2.80 -17.23 | 49.91 2.53 -19.63 | 43.62 2.13 -16.47 | 25.61 1.92 -0.02 | 28.38 2.34 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.94 4.08 -9.80 | 51.53 4.55 -7.73 | 56.39 6.03 -1.33 | 60.39 6.15 -1.23 | 61.30 6.62 0.00 | 60.57 6.85 -1.40 | 63.33 7.17 -0.11 | 63.34 7.14 0.00 | 63.45 7.05 0.00 | 65.61 7.39 0.00 | 62.99 6.95 0.00 | 58.20 6.51 0.00 | 58.02 6.22 0.00 | 57.97 5.98 0.00 | 55.73 6.06 0.00 | 69.99 4.80 -24.17 | 49.95 3.81 -6.40 |
| HUDSON AVE_GT_5 23657 | 51.46 2.80 -17.23 | 49.91 2.53 -19.63 | 43.62 2.13 -16.47 | 25.61 1.92 -0.02 | 28.38 2.34 0.00 | 30.67 2.48 0.00 | 43.09 3.31 -5.69 | 49.94 4.08 -9.80 | 51.53 4.55 -7.73 | 56.39 6.03 -1.33 | 60.39 6.15 -1.23 | 61.30 6.62 0.00 | 60.57 6.85 -1.40 | 63.33 7.17 -0.11 | 63.34 7.14 0.00 | 63.45 7.05 0.00 | 65.61 7.39 0.00 | 62.99 6.95 0.00 | 58.20 6.51 0.00 | 58.02 6.22 0.00 | 57.97 5.98 0.00 | 55.73 6.06 0.00 | 69.99 4.80 -24.17 | 49.95 3.81 -6.40 |
| HUDSON_AVE_10 24168 | 51.58 2.92 -17.23 | 50.02 2.64 -19.63 | 43.72 2.23 -16.47 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 30.73 2.54 0.00 | 43.15 3.37 -5.69 | 50.04 4.18 -9.80 | 51.65 4.67 -7.73 | 56.54 6.18 -1.33 | 60.55 6.31 -1.23 | 61.46 6.78 0.00 | 60.73 7.01 -1.40 | 63.50 7.34 -0.11 | 63.56 7.36 0.00 | 63.62 7.22 0.00 | 65.79 7.57 0.00 | 63.16 7.12 0.00 | 58.36 6.67 0.00 | 58.17 6.37 0.00 | 58.12 6.13 0.00 | 55.88 6.21 0.00 | 70.07 4.88 -24.17 | 50.03 3.89 -6.40 |
| HUNTLEY___63 23557 | 28.88 -2.55 0.00 | 25.03 -2.72 0.00 | 22.52 -2.50 0.00 | 21.35 -2.32 0.00 | 23.38 -2.66 0.00 | 25.46 -2.73 0.00 | 30.75 -3.34 0.00 | 34.61 -1.66 -0.21 | 38.09 -1.84 -0.68 | 47.36 -1.67 0.00 | 49.24 -3.98 -0.21 | 51.07 -3.61 0.00 | 51.25 -1.31 -0.24 | 53.10 -2.97 -0.02 | 53.00 -3.20 0.00 | 54.37 -2.03 0.00 | 55.95 -2.27 0.00 | 53.85 -2.19 0.00 | 49.67 -2.02 0.00 | 49.11 -2.69 0.00 | 49.96 -2.03 0.00 | 48.03 -1.64 0.00 | 40.45 -0.57 0.00 | 36.76 -2.98 0.00 |
| HUNTLEY___64 23558 | 28.88 -2.55 0.00 | 25.03 -2.72 0.00 | 22.52 -2.50 0.00 | 21.35 -2.32 0.00 | 23.38 -2.66 0.00 | 25.46 -2.73 0.00 | 30.75 -3.34 0.00 | 34.61 -1.66 -0.21 | 38.09 -1.84 -0.68 | 47.36 -1.67 0.00 | 49.24 -3.98 -0.21 | 51.07 -3.61 0.00 | 51.25 -1.31 -0.24 | 53.10 -2.97 -0.02 | 53.00 -3.20 0.00 | 54.37 -2.03 0.00 | 55.95 -2.27 0.00 | 53.85 -2.19 0.00 | 49.67 -2.02 0.00 | 49.11 -2.69 0.00 | 49.96 -2.03 0.00 | 48.03 -1.64 0.00 | 40.45 -0.57 0.00 | 36.76 -2.98 0.00 |
| HUNTLEY___65 23559 | 28.88 -2.55 0.00 | 25.03 -2.72 0.00 | 22.52 -2.50 0.00 | 21.35 -2.32 0.00 | 23.38 -2.66 0.00 | 25.46 -2.73 0.00 | 30.75 -3.34 0.00 | 34.61 -1.66 -0.21 | 38.09 -1.84 -0.68 | 47.36 -1.67 0.00 | 49.24 -3.98 -0.21 | 51.07 -3.61 0.00 | 51.25 -1.31 -0.24 | 53.10 -2.97 -0.02 | 53.00 -3.20 0.00 | 54.37 -2.03 0.00 | 55.95 -2.27 0.00 | 53.85 -2.19 0.00 | 49.67 -2.02 0.00 | 49.11 -2.69 0.00 | 49.96 -2.03 0.00 | 48.03 -1.64 0.00 | 40.45 -0.57 0.00 | 36.76 -2.98 0.00 |
| HUNTLEY___66 23560 | 28.88 -2.55 0.00 | 25.03 -2.72 0.00 | 22.52 -2.50 0.00 | 21.35 -2.32 0.00 | 23.38 -2.66 0.00 | 25.46 -2.73 0.00 | 30.75 -3.34 0.00 | 34.61 -1.66 -0.21 | 38.09 -1.84 -0.68 | 47.36 -1.67 0.00 | 49.24 -3.98 -0.21 | 51.07 -3.61 0.00 | 51.25 -1.31 -0.24 | 53.10 -2.97 -0.02 | 53.00 -3.20 0.00 | 54.37 -2.03 0.00 | 55.95 -2.27 0.00 | 53.85 -2.19 0.00 | 49.67 -2.02 0.00 | 49.11 -2.69 0.00 | 49.96 -2.03 0.00 | 48.03 -1.64 0.00 | 40.45 -0.57 0.00 | 36.76 -2.98 0.00 |
| HUNTLEY___67 23561 | 28.41 -3.02 0.00 | 24.67 -3.08 0.00 | 22.19 -2.83 0.00 | 21.04 -2.63 0.00 | 23.05 -2.99 0.00 | 25.06 -3.13 0.00 | 30.27 -3.82 0.00 | 33.89 -2.38 -0.21 | 37.26 -2.67 -0.68 | 46.63 -2.40 0.00 | 48.66 -4.56 -0.21 | 50.47 -4.21 0.00 | 50.52 -2.04 -0.24 | 52.31 -3.76 -0.02 | 52.27 -3.93 0.00 | 53.64 -2.76 0.00 | 55.19 -3.03 0.00 | 53.18 -2.86 0.00 | 49.05 -2.64 0.00 | 48.54 -3.26 0.00 | 49.23 -2.76 0.00 | 47.48 -2.19 0.00 | 39.63 -1.39 0.00 | 36.08 -3.66 0.00 |
| HUNTLEY___68 23562 | 28.41 -3.02 0.00 | 24.64 -3.11 0.00 | 22.19 -2.83 0.00 | 21.04 -2.63 0.00 | 23.05 -2.99 0.00 | 25.06 -3.13 0.00 | 30.24 -3.85 0.00 | 33.89 -2.38 -0.21 | 37.26 -2.67 -0.68 | 46.63 -2.40 0.00 | 48.66 -4.56 -0.21 | 50.47 -4.21 0.00 | 50.52 -2.04 -0.24 | 52.31 -3.76 -0.02 | 52.27 -3.93 0.00 | 53.64 -2.76 0.00 | 55.19 -3.03 0.00 | 53.18 -2.86 0.00 | 49.05 -2.64 0.00 | 48.54 -3.26 0.00 | 49.23 -2.76 0.00 | 47.48 -2.19 0.00 | 39.63 -1.39 0.00 | 36.08 -3.66 0.00 |
| INDECK___CORINTH 23802 | 35.01 3.58 0.00 | 30.19 2.44 0.00 | 27.72 2.70 0.00 | 26.11 2.44 0.00 | 28.85 2.81 0.00 | 30.98 2.79 0.00 | 36.82 2.73 0.00 | 40.01 2.38 -1.57 | 46.88 2.51 -5.12 | 52.36 3.33 0.00 | 58.27 3.66 -1.60 | 57.85 3.17 0.00 | 57.49 3.35 -1.82 | 59.67 3.48 -0.14 | 59.63 3.43 0.00 | 59.67 3.27 0.00 | 61.60 3.38 0.00 | 59.12 3.08 0.00 | 54.58 2.89 0.00 | 54.49 2.69 0.00 | 55.21 3.22 0.00 | 52.90 3.23 0.00 | 43.40 2.38 0.00 | 42.64 2.90 0.00 |

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| INDECK___ILION 23567 | 32.25 0.82 0.00 | 28.42 0.67 0.00 | 25.60 0.58 0.00 | 24.21 0.54 0.00 | 26.67 0.63 0.00 | 28.89 0.70 0.00 | 35.08 0.99 0.00 | 37.18 1.15 0.03 | 40.56 1.41 0.10 | 50.99 1.96 0.00 | 55.05 2.07 0.03 | 56.87 2.19 0.00 | 54.59 2.30 0.03 | 58.35 2.30 0.00 | 58.50 2.30 0.00 | 58.77 2.37 0.00 | 60.72 2.50 0.00 | 58.39 2.35 0.00 | 53.86 2.17 0.00 | 53.87 2.07 0.00 | 54.07 2.08 0.00 | 51.66 1.99 0.00 | 42.58 1.56 0.00 | 41.01 1.27 0.00 |
| INDECK___OLEAN 23982 | 30.08 -1.35 0.00 | 25.78 -1.97 0.00 | 23.14 -1.88 0.00 | 21.92 -1.75 0.00 | 24.03 -2.01 0.00 | 26.19 -2.00 0.00 | 32.25 -1.84 0.00 | 36.81 0.50 -0.25 | 41.44 1.37 -0.82 | 52.51 3.48 0.00 | 55.07 1.80 -0.26 | 57.03 2.35 0.00 | 57.58 4.97 -0.29 | 60.16 4.09 -0.02 | 60.02 3.82 0.00 | 60.80 4.40 0.00 | 62.53 4.31 0.00 | 60.07 4.03 0.00 | 55.26 3.57 0.00 | 54.18 2.38 0.00 | 55.16 3.17 0.00 | 52.70 3.03 0.00 | 43.36 2.34 0.00 | 38.75 -0.99 0.00 |
| INDECK___OSWEGO 23783 | 30.61 -0.82 0.00 | 26.97 -0.78 0.00 | 24.29 -0.73 0.00 | 22.98 -0.69 0.00 | 25.28 -0.76 0.00 | 27.40 -0.79 0.00 | 33.24 -0.85 0.00 | 35.27 -0.83 -0.04 | 38.50 -0.90 -0.15 | 48.15 -0.88 0.00 | 51.84 -1.22 -0.05 | 53.53 -1.15 0.00 | 51.48 -0.89 -0.05 | 54.82 -1.23 0.00 | 55.08 -1.12 0.00 | 55.89 -0.51 0.00 | 57.70 -0.52 0.00 | 55.59 -0.45 0.00 | 51.22 -0.47 0.00 | 51.13 -0.67 0.00 | 51.37 -0.62 0.00 | 49.17 -0.50 0.00 | 40.65 -0.37 0.00 | 38.87 -0.87 0.00 |
| INDECK___YERKES 23781 | 28.88 -2.55 0.00 | 25.03 -2.72 0.00 | 22.52 -2.50 0.00 | 21.35 -2.32 0.00 | 23.38 -2.66 0.00 | 25.46 -2.73 0.00 | 30.75 -3.34 0.00 | 34.61 -1.66 -0.21 | 38.09 -1.84 -0.68 | 47.36 -1.67 0.00 | 49.24 -3.98 -0.21 | 51.07 -3.61 0.00 | 51.25 -1.31 -0.24 | 53.10 -2.97 -0.02 | 53.00 -3.20 0.00 | 54.43 -1.97 0.00 | 55.95 -2.27 0.00 | 53.85 -2.19 0.00 | 49.67 -2.02 0.00 | 49.11 -2.69 0.00 | 49.96 -2.03 0.00 | 48.03 -1.64 0.00 | 40.45 -0.57 0.00 | 36.76 -2.98 0.00 |
| INDIAN POINT_GT_1 24139 | 34.10 2.14 -0.53 | 30.29 1.94 -0.60 | 27.15 1.63 -0.50 | 25.09 1.42 0.00 | 27.84 1.80 0.00 | 30.08 1.89 0.00 | 36.89 2.63 -0.17 | 40.80 3.28 -1.46 | 46.97 3.69 -4.03 | 53.92 4.85 -0.04 | 59.27 5.04 -1.22 | 60.15 5.47 0.00 | 59.36 5.65 -1.39 | 62.05 5.89 -0.11 | 62.10 5.90 0.00 | 62.27 5.87 0.00 | 64.39 6.17 0.00 | 61.70 5.66 0.00 | 57.01 5.32 0.00 | 56.88 5.08 0.00 | 56.82 4.83 0.00 | 54.59 4.92 0.00 | 45.62 3.86 -0.74 | 42.91 2.98 -0.19 |
| INDIAN POINT_GT_2 23659 | 34.10 2.14 -0.53 | 30.29 1.94 -0.60 | 27.15 1.63 -0.50 | 25.09 1.42 0.00 | 27.84 1.80 0.00 | 30.08 1.89 0.00 | 36.89 2.63 -0.17 | 40.80 3.28 -1.46 | 46.97 3.69 -4.03 | 53.92 4.85 -0.04 | 59.27 5.04 -1.22 | 60.15 5.47 0.00 | 59.36 5.65 -1.39 | 62.05 5.89 -0.11 | 62.10 5.90 0.00 | 62.27 5.87 0.00 | 64.39 6.17 0.00 | 61.70 5.66 0.00 | 57.01 5.32 0.00 | 56.88 5.08 0.00 | 56.82 4.83 0.00 | 54.59 4.92 0.00 | 45.62 3.86 -0.74 | 42.91 2.98 -0.19 |
| INDIAN POINT_GT_3 24019 | 34.10 2.14 -0.53 | 30.29 1.94 -0.60 | 27.15 1.63 -0.50 | 25.09 1.42 0.00 | 27.84 1.80 0.00 | 30.08 1.89 0.00 | 36.89 2.63 -0.17 | 40.80 3.28 -1.46 | 46.97 3.69 -4.03 | 53.92 4.85 -0.04 | 59.27 5.04 -1.22 | 60.15 5.47 0.00 | 59.36 5.65 -1.39 | 62.05 5.89 -0.11 | 62.10 5.90 0.00 | 62.27 5.87 0.00 | 64.39 6.17 0.00 | 61.70 5.66 0.00 | 57.01 5.32 0.00 | 56.88 5.08 0.00 | 56.82 4.83 0.00 | 54.59 4.92 0.00 | 45.62 3.86 -0.74 | 42.91 2.98 -0.19 |
| INDIAN POINT___2 23530 | 33.85 1.89 -0.53 | 30.07 1.72 -0.60 | 26.95 1.43 -0.50 | 24.92 1.25 0.00 | 27.65 1.61 0.00 | 29.85 1.66 0.00 | 36.58 2.32 -0.17 | 40.50 2.99 -1.45 | 46.58 3.34 -3.99 | 53.53 4.46 -0.04 | 58.78 4.56 -1.21 | 59.60 4.92 0.00 | 58.88 5.18 -1.38 | 61.53 5.38 -0.10 | 61.60 5.40 0.00 | 61.70 5.30 0.00 | 63.81 5.59 0.00 | 61.20 5.16 0.00 | 56.55 4.86 0.00 | 56.41 4.61 0.00 | 56.41 4.42 0.00 | 54.14 4.47 0.00 | 45.29 3.53 -0.74 | 42.59 2.66 -0.19 |
| INDIAN POINT___3 23531 | 33.81 1.85 -0.53 | 30.07 1.72 -0.60 | 26.92 1.40 -0.50 | 24.90 1.23 0.00 | 27.63 1.59 0.00 | 29.85 1.66 0.00 | 36.58 2.32 -0.17 | 40.48 2.96 -1.46 | 46.58 3.30 -4.03 | 53.43 4.36 -0.04 | 58.75 4.51 -1.23 | 59.55 4.87 0.00 | 58.78 5.07 -1.39 | 61.43 5.27 -0.11 | 61.48 5.28 0.00 | 61.65 5.25 0.00 | 63.75 5.53 0.00 | 61.14 5.10 0.00 | 56.50 4.81 0.00 | 56.36 4.56 0.00 | 56.31 4.32 0.00 | 54.09 4.42 0.00 | 45.25 3.49 -0.74 | 42.55 2.62 -0.19 |
| INDIAN PT_GT_GRP 23687 | 34.10 2.14 -0.53 | 30.29 1.94 -0.60 | 27.15 1.63 -0.50 | 25.09 1.42 0.00 | 27.84 1.80 0.00 | 30.08 1.89 0.00 | 36.89 2.63 -0.17 | 40.80 3.28 -1.46 | 46.97 3.69 -4.03 | 53.92 4.85 -0.04 | 59.27 5.04 -1.22 | 60.15 5.47 0.00 | 59.36 5.65 -1.39 | 62.05 5.89 -0.11 | 62.10 5.90 0.00 | 62.27 5.87 0.00 | 64.39 6.17 0.00 | 61.70 5.66 0.00 | 57.01 5.32 0.00 | 56.88 5.08 0.00 | 56.82 4.83 0.00 | 54.59 4.92 0.00 | 45.62 3.86 -0.74 | 42.91 2.98 -0.19 |
| IP CORINTH___1 23988 | 35.01 3.58 0.00 | 30.19 2.44 0.00 | 27.72 2.70 0.00 | 26.11 2.44 0.00 | 28.85 2.81 0.00 | 30.98 2.79 0.00 | 36.82 2.73 0.00 | 40.01 2.38 -1.57 | 46.88 2.51 -5.12 | 52.36 3.33 0.00 | 58.27 3.66 -1.60 | 57.85 3.17 0.00 | 57.49 3.35 -1.82 | 59.67 3.48 -0.14 | 59.63 3.43 0.00 | 59.67 3.27 0.00 | 61.60 3.38 0.00 | 59.12 3.08 0.00 | 54.58 2.89 0.00 | 54.49 2.69 0.00 | 55.21 3.22 0.00 | 52.90 3.23 0.00 | 43.40 2.38 0.00 | 42.64 2.90 0.00 |
| IP___TICONDEROGA 23804 | 34.95 3.52 0.00 | 30.52 2.77 0.00 | 27.67 2.65 0.00 | 26.08 2.41 0.00 | 28.85 2.81 0.00 | 31.12 2.93 0.00 | 37.46 3.37 0.00 | 40.75 3.17 -1.52 | 47.95 3.73 -4.97 | 53.79 4.76 0.00 | 59.82 5.25 -1.56 | 59.87 5.19 0.00 | 59.58 5.49 -1.77 | 61.73 5.55 -0.13 | 61.65 5.45 0.00 | 61.70 5.30 0.00 | 63.63 5.41 0.00 | 61.14 5.10 0.00 | 56.45 4.76 0.00 | 56.31 4.51 0.00 | 56.62 4.63 0.00 | 54.24 4.57 0.00 | 44.51 3.49 0.00 | 43.51 3.77 0.00 |
| JARVIS____ 23743 | 31.65 0.22 0.00 | 27.94 0.19 0.00 | 25.17 0.15 0.00 | 23.81 0.14 0.00 | 26.22 0.18 0.00 | 28.39 0.20 0.00 | 34.33 0.24 0.00 | 36.32 0.29 0.03 | 39.46 0.31 0.10 | 49.52 0.49 0.00 | 53.46 0.48 0.03 | 55.17 0.49 0.00 | 52.87 0.58 0.03 | 56.55 0.50 0.00 | 56.71 0.51 0.00 | 57.02 0.62 0.00 | 58.86 0.64 0.00 | 56.60 0.56 0.00 | 52.21 0.52 0.00 | 52.32 0.52 0.00 | 52.46 0.47 0.00 | 50.17 0.50 0.00 | 41.43 0.41 0.00 | 40.06 0.32 0.00 |
| JENNISON___1 23625 | 31.46 0.03 0.00 | 27.56 -0.19 0.00 | 24.87 -0.15 0.00 | 23.53 -0.14 0.00 | 25.86 -0.18 0.00 | 27.99 -0.20 0.00 | 34.23 0.14 0.00 | 37.53 0.94 -0.53 | 42.59 1.61 -1.73 | 52.17 3.14 0.00 | 56.41 2.86 -0.54 | 57.85 3.17 0.00 | 56.92 3.98 -0.62 | 59.86 3.76 -0.05 | 59.97 3.77 0.00 | 59.11 2.71 0.00 | 61.01 2.79 0.00 | 58.73 2.69 0.00 | 54.07 2.38 0.00 | 53.66 1.86 0.00 | 53.97 1.98 0.00 | 51.66 1.99 0.00 | 42.62 1.60 0.00 | 40.18 0.44 0.00 |
| JENNISON___2 23626 | 31.40 -0.03 0.00 | 27.53 -0.22 0.00 | 24.82 -0.20 0.00 | 23.50 -0.17 0.00 | 25.83 -0.21 0.00 | 27.94 -0.25 0.00 | 34.16 0.07 0.00 | 37.46 0.87 -0.53 | 42.51 1.53 -1.73 | 52.07 3.04 0.00 | 56.31 2.76 -0.54 | 57.74 3.06 0.00 | 56.81 3.87 -0.62 | 59.74 3.64 -0.05 | 59.85 3.65 0.00 | 58.99 2.59 0.00 | 60.90 2.68 0.00 | 58.62 2.58 0.00 | 53.96 2.27 0.00 | 53.61 1.81 0.00 | 53.86 1.87 0.00 | 51.61 1.94 0.00 | 42.54 1.52 0.00 | 40.10 0.36 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 54.69 3.11 -20.15 | 53.12 2.77 -22.60 | 51.96 2.38 -24.56 | 51.30 2.15 -25.48 | 51.61 2.60 -22.97 | 51.27 2.68 -20.40 | 52.04 3.41 -14.54 | 54.48 3.89 -14.53 | 55.65 4.28 -12.12 | 56.95 5.54 -2.38 | 61.52 5.67 -2.84 | 68.16 6.23 -7.25 | 70.22 6.64 -11.26 | 72.65 6.89 -9.71 | 72.69 5.90 -10.59 | 78.14 5.87 -15.87 | 92.94 6.17 -28.55 | 74.45 5.72 -12.69 | 72.66 5.38 -15.59 | 71.13 5.96 -13.37 | 70.87 5.77 -13.11 | 72.64 5.81 -17.16 | 58.56 4.31 -13.23 | 55.86 3.70 -12.42 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| KEDC PORT_JEFF_GT3 24211 | 54.69 3.11 -20.15 | 53.12 2.77 -22.60 | 51.96 2.38 -24.56 | 51.30 2.15 -25.48 | 51.61 2.60 -22.97 | 51.27 2.68 -20.40 | 52.04 3.41 -14.54 | 54.48 3.89 -14.53 | 55.65 4.28 -12.12 | 56.95 5.54 -2.38 | 61.52 5.67 -2.84 | 68.16 6.23 -7.25 | 70.22 6.64 -11.26 | 72.65 6.89 -9.71 | 72.69 5.90 -10.59 | 78.14 5.87 -15.87 | 92.94 6.17 -28.55 | 74.45 5.72 -12.69 | 72.71 5.43 -15.59 | 71.13 5.96 -13.37 | 70.87 5.77 -13.11 | 72.64 5.81 -17.16 | 58.56 4.31 -13.23 | 55.86 3.70 -12.42 |
| KEDC_GLWD_GT4 24219 | 55.66 2.89 -21.34 | 53.74 2.58 -23.41 | 51.78 2.20 -24.56 | 51.15 1.99 -25.49 | 51.43 2.42 -22.97 | 51.16 2.57 -20.40 | 52.00 3.37 -14.54 | 56.26 4.18 -16.02 | 57.65 4.71 -13.69 | 59.99 6.28 -4.68 | 63.79 6.41 -4.37 | 69.59 6.73 -8.18 | 72.22 6.33 -13.57 | 75.74 6.56 -13.13 | 76.62 6.58 -13.84 | 81.19 6.49 -18.30 | 93.78 6.81 -28.75 | 78.11 6.39 -15.68 | 76.67 6.10 -18.88 | 72.85 5.85 -15.20 | 72.89 5.56 -15.34 | 72.89 5.71 -17.51 | 61.53 5.00 -15.51 | 57.57 4.01 -13.82 |
| KEDC_GLWD_GT5 24220 | 55.66 2.89 -21.34 | 53.74 2.58 -23.41 | 51.78 2.20 -24.56 | 51.15 1.99 -25.49 | 51.43 2.42 -22.97 | 51.16 2.57 -20.40 | 52.00 3.37 -14.54 | 56.26 4.18 -16.02 | 57.65 4.71 -13.69 | 59.99 6.28 -4.68 | 63.79 6.41 -4.37 | 69.59 6.73 -8.18 | 72.22 6.33 -13.57 | 75.79 6.61 -13.13 | 76.67 6.63 -13.84 | 81.24 6.54 -18.30 | 93.84 6.87 -28.75 | 78.11 6.39 -15.68 | 76.67 6.10 -18.88 | 72.85 5.85 -15.20 | 72.89 5.56 -15.34 | 72.89 5.71 -17.51 | 61.53 5.00 -15.51 | 57.57 4.01 -13.82 |
| KENSICO____ 23655 | 34.46 2.36 -0.67 | 30.65 2.14 -0.76 | 27.46 1.80 -0.64 | 25.28 1.61 0.00 | 28.05 2.01 0.00 | 30.28 2.09 0.00 | 37.14 2.83 -0.22 | 41.17 3.57 -1.54 | 47.33 4.00 -4.08 | 54.38 5.30 -0.05 | 59.65 5.41 -1.23 | 60.53 5.85 0.00 | 59.79 6.07 -1.40 | 62.49 6.33 -0.11 | 62.55 6.35 0.00 | 62.66 6.26 0.00 | 64.80 6.58 0.00 | 62.15 6.11 0.00 | 57.43 5.74 0.00 | 57.29 5.49 0.00 | 57.29 5.30 0.00 | 54.98 5.31 0.00 | 46.19 4.23 -0.94 | 43.25 3.26 -0.25 |
| KIAC_JFK_AIRPORT 23541 | 66.08 3.05 -31.60 | 61.03 2.72 -30.56 | 47.58 2.35 -20.21 | 25.77 2.08 -0.02 | 28.57 2.53 0.00 | 44.30 2.65 -13.46 | 61.73 3.51 -24.13 | 68.63 4.33 -28.24 | 75.75 4.83 -31.67 | 116.79 6.42 -61.34 | 75.26 6.57 -15.68 | 69.06 7.05 -7.33 | 71.95 7.27 -12.36 | 72.05 7.62 -8.38 | 72.11 7.64 -8.27 | 72.11 7.50 -8.21 | 72.14 7.86 -6.06 | 72.06 7.40 -8.62 | 69.22 6.93 -10.60 | 69.02 6.58 -10.64 | 72.91 6.39 -14.53 | 75.94 6.41 -19.86 | 74.98 5.13 -28.83 | 69.46 4.09 -25.63 |
| KIAC_JFK_GT1 23816 | 66.08 3.05 -31.60 | 61.03 2.72 -30.56 | 47.58 2.35 -20.21 | 25.77 2.08 -0.02 | 28.57 2.53 0.00 | 44.30 2.65 -13.46 | 61.73 3.51 -24.13 | 68.63 4.33 -28.24 | 75.75 4.83 -31.67 | 116.79 6.42 -61.34 | 75.26 6.57 -15.68 | 69.06 7.05 -7.33 | 71.95 7.27 -12.36 | 72.05 7.62 -8.38 | 72.11 7.64 -8.27 | 72.11 7.50 -8.21 | 72.14 7.86 -6.06 | 72.06 7.40 -8.62 | 69.22 6.93 -10.60 | 69.02 6.58 -10.64 | 72.91 6.39 -14.53 | 75.94 6.41 -19.86 | 74.98 5.13 -28.83 | 69.46 4.09 -25.63 |
| KIAC_JFK_GT2 23817 | 66.08 3.05 -31.60 | 61.03 2.72 -30.56 | 47.58 2.35 -20.21 | 25.77 2.08 -0.02 | 28.57 2.53 0.00 | 44.30 2.65 -13.46 | 61.73 3.51 -24.13 | 68.63 4.33 -28.24 | 75.75 4.83 -31.67 | 116.79 6.42 -61.34 | 75.26 6.57 -15.68 | 69.06 7.05 -7.33 | 71.95 7.27 -12.36 | 72.05 7.62 -8.38 | 72.11 7.64 -8.27 | 72.11 7.50 -8.21 | 72.14 7.86 -6.06 | 72.06 7.40 -8.62 | 69.22 6.93 -10.60 | 69.02 6.58 -10.64 | 72.91 6.39 -14.53 | 75.94 6.41 -19.86 | 74.98 5.13 -28.83 | 69.46 4.09 -25.63 |
| KINTIGH____ 23543 | 28.35 -3.08 0.00 | 24.70 -3.05 0.00 | 22.27 -2.75 0.00 | 21.16 -2.51 0.00 | 23.10 -2.94 0.00 | 25.12 -3.07 0.00 | 30.27 -3.82 0.00 | 33.37 -2.85 -0.16 | 36.42 -3.34 -0.51 | 45.45 -3.58 0.00 | 47.87 -5.30 -0.16 | 49.59 -5.09 0.00 | 49.10 -3.40 -0.18 | 51.13 -4.93 -0.01 | 51.14 -5.06 0.00 | 52.51 -3.89 0.00 | 54.03 -4.19 0.00 | 52.06 -3.98 0.00 | 48.02 -3.67 0.00 | 47.71 -4.09 0.00 | 48.25 -3.74 0.00 | 46.49 -3.18 0.00 | 38.80 -2.22 0.00 | 35.93 -3.81 0.00 |
| LEDERLE____ 23769 | 33.50 2.07 0.00 | 29.69 1.94 0.00 | 26.60 1.58 0.00 | 25.07 1.40 0.00 | 27.84 1.80 0.00 | 30.08 1.89 0.00 | 36.68 2.59 0.00 | 40.58 3.35 -1.17 | 46.79 3.73 -3.81 | 53.98 4.95 0.00 | 59.29 5.09 -1.19 | 60.20 5.52 0.00 | 59.44 5.76 -1.36 | 62.09 5.94 -0.10 | 62.16 5.96 0.00 | 62.32 5.92 0.00 | 64.45 6.23 0.00 | 61.81 5.77 0.00 | 57.07 5.38 0.00 | 56.93 5.13 0.00 | 56.93 4.94 0.00 | 54.64 4.97 0.00 | 44.96 3.94 0.00 | 42.76 3.02 0.00 |
| LINDEN COGEN____ 23786 | 51.33 2.67 -17.23 | 49.79 2.41 -19.63 | 43.54 2.05 -16.47 | 25.54 1.85 -0.02 | 28.31 2.27 0.00 | 30.56 2.37 0.00 | 42.88 3.10 -5.69 | 49.65 3.79 -9.80 | 51.22 4.24 -7.73 | 55.95 5.59 -1.33 | 59.91 5.67 -1.23 | 60.80 6.12 0.00 | 60.05 6.33 -1.40 | 62.83 6.67 -0.11 | 62.83 6.63 0.00 | 62.94 6.54 0.00 | 65.09 6.87 0.00 | 62.48 6.44 0.00 | 57.74 6.05 0.00 | 57.55 5.75 0.00 | 57.50 5.51 0.00 | 55.28 5.61 0.00 | 69.62 4.43 -24.17 | 49.64 3.50 -6.40 |
| LIPA_MISC_IPP 23656 | 54.66 3.08 -20.15 | 53.10 2.75 -22.60 | 51.93 2.35 -24.56 | 51.28 2.13 -25.48 | 51.59 2.58 -22.97 | 51.27 2.68 -20.40 | 52.07 3.44 -14.54 | 54.52 3.93 -14.53 | 55.81 4.44 -12.12 | 57.05 5.64 -2.38 | 61.63 5.78 -2.84 | 68.27 6.34 -7.25 | 70.28 6.70 -11.26 | 72.77 7.01 -9.71 | 73.65 6.86 -10.59 | 79.04 6.77 -15.87 | 93.87 7.10 -28.55 | 75.40 6.67 -12.69 | 73.53 6.25 -15.59 | 71.18 6.01 -13.37 | 70.97 5.87 -13.11 | 72.74 5.91 -17.16 | 58.76 4.51 -13.23 | 56.01 3.85 -12.42 |
| LITTLE FALLS__HYD 24013 | 32.91 1.48 0.00 | 28.97 1.22 0.00 | 26.07 1.05 0.00 | 24.66 0.99 0.00 | 27.16 1.12 0.00 | 29.49 1.30 0.00 | 35.93 1.84 0.00 | 38.27 2.24 0.03 | 41.86 2.71 0.10 | 52.76 3.73 0.00 | 56.96 3.98 0.03 | 58.94 4.26 0.00 | 56.68 4.39 0.03 | 60.59 4.54 0.00 | 60.75 4.55 0.00 | 61.02 4.62 0.00 | 63.05 4.83 0.00 | 60.64 4.60 0.00 | 55.88 4.19 0.00 | 55.89 4.09 0.00 | 56.15 4.16 0.00 | 53.54 3.87 0.00 | 44.01 2.99 0.00 | 42.08 2.34 0.00 |
| LONG_LAKE_PHOENIX 24014 | 30.68 -0.75 0.00 | 27.00 -0.75 0.00 | 24.32 -0.70 0.00 | 23.01 -0.66 0.00 | 25.31 -0.73 0.00 | 27.43 -0.76 0.00 | 33.31 -0.78 0.00 | 35.39 -0.72 -0.05 | 38.69 -0.71 -0.15 | 48.39 -0.64 0.00 | 52.16 -0.90 -0.05 | 53.81 -0.87 0.00 | 51.74 -0.63 -0.05 | 55.15 -0.90 0.00 | 55.41 -0.79 0.00 | 56.23 -0.17 0.00 | 57.99 -0.23 0.00 | 55.93 -0.11 0.00 | 51.48 -0.21 0.00 | 51.39 -0.41 0.00 | 51.63 -0.36 0.00 | 49.42 -0.25 0.00 | 40.86 -0.16 0.00 | 38.95 -0.79 0.00 |
| LOVETT____3 23632 | 33.22 1.79 0.00 | 29.41 1.66 0.00 | 26.37 1.35 0.00 | 24.85 1.18 0.00 | 27.60 1.56 0.00 | 29.80 1.61 0.00 | 36.37 2.28 0.00 | 40.19 2.96 -1.17 | 46.30 3.22 -3.83 | 53.25 4.22 0.00 | 58.56 4.35 -1.20 | 59.38 4.70 0.00 | 58.60 4.92 -1.36 | 61.25 5.10 -0.10 | 61.31 5.11 0.00 | 61.48 5.08 0.00 | 63.58 5.36 0.00 | 60.97 4.93 0.00 | 56.29 4.60 0.00 | 56.20 4.40 0.00 | 56.15 4.16 0.00 | 53.89 4.22 0.00 | 44.51 3.49 0.00 | 42.44 2.70 0.00 |
| LOVETT____4 23642 | 33.25 1.82 0.00 | 29.47 1.72 0.00 | 26.42 1.40 0.00 | 24.88 1.21 0.00 | 27.63 1.59 0.00 | 29.85 1.66 0.00 | 36.44 2.35 0.00 | 40.26 3.03 -1.17 | 46.34 3.26 -3.83 | 53.34 4.31 0.00 | 58.61 4.40 -1.20 | 59.49 4.81 0.00 | 58.70 5.02 -1.36 | 61.36 5.21 -0.10 | 61.43 5.23 0.00 | 61.59 5.19 0.00 | 63.63 5.41 0.00 | 61.08 5.04 0.00 | 56.39 4.70 0.00 | 56.25 4.45 0.00 | 56.25 4.26 0.00 | 53.99 4.32 0.00 | 44.59 3.57 0.00 | 42.48 2.74 0.00 |
| LOVETT____5 23593 | 33.25 1.82 0.00 | 29.47 1.72 0.00 | 26.42 1.40 0.00 | 24.88 1.21 0.00 | 27.63 1.59 0.00 | 29.85 1.66 0.00 | 36.44 2.35 0.00 | 40.26 3.03 -1.17 | 46.34 3.26 -3.83 | 53.34 4.31 0.00 | 58.61 4.40 -1.20 | 59.49 4.81 0.00 | 58.70 5.02 -1.36 | 61.36 5.21 -0.10 | 61.43 5.23 0.00 | 61.59 5.19 0.00 | 63.63 5.41 0.00 | 61.08 5.04 0.00 | 56.39 4.70 0.00 | 56.25 4.45 0.00 | 56.25 4.26 0.00 | 53.99 4.32 0.00 | 44.59 3.57 0.00 | 42.48 2.74 0.00 |

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| LOWER RAQUET___HYD 24057 | 30.71 -0.72 0.00 | 27.17 -0.58 0.00 | 24.52 -0.50 0.00 | 23.24 -0.43 0.00 | 25.44 -0.60 0.00 | 27.63 -0.56 0.00 | 33.41 -0.68 0.00 | 34.11 -1.95 0.00 | 37.09 -2.16 0.00 | 45.55 -3.48 0.00 | 49.94 -3.07 0.00 | 51.34 -3.34 0.00 | 48.71 -3.61 0.00 | 52.80 -3.25 0.00 | 52.88 -3.32 0.00 | 52.45 -3.95 0.00 | 53.85 -4.37 0.00 | 52.12 -3.92 0.00 | 48.07 -3.62 0.00 | 48.54 -3.26 0.00 | 49.75 -2.24 0.00 | 47.14 -2.53 0.00 | 39.05 -1.97 0.00 | 38.67 -1.07 0.00 |
| LOWER___HUDSON 24059 | 33.69 2.26 0.00 | 29.61 1.86 0.00 | 26.75 1.73 0.00 | 25.23 1.56 0.00 | 27.89 1.85 0.00 | 30.11 1.92 0.00 | 36.37 2.28 0.00 | 39.96 2.38 -1.52 | 47.00 2.79 -4.96 | 52.71 3.68 0.00 | 58.48 3.92 -1.55 | 58.67 3.99 0.00 | 58.22 4.13 -1.77 | 60.44 4.26 -0.13 | 60.47 4.27 0.00 | 60.46 4.06 0.00 | 62.47 4.25 0.00 | 60.02 3.98 0.00 | 55.41 3.72 0.00 | 55.37 3.57 0.00 | 55.53 3.54 0.00 | 53.20 3.53 0.00 | 43.73 2.71 0.00 | 42.32 2.58 0.00 |
| MG INDUSTRY___DRP 24185 | 32.94 1.51 0.00 | 29.11 1.36 0.00 | 26.22 1.20 0.00 | 24.74 1.07 0.00 | 27.34 1.30 0.00 | 29.54 1.35 0.00 | 35.79 1.70 0.00 | 39.53 1.98 -1.49 | 46.41 2.28 -4.88 | 52.12 3.09 0.00 | 57.72 3.18 -1.53 | 58.02 3.34 0.00 | 57.51 3.45 -1.74 | 59.77 3.59 -0.13 | 59.74 3.54 0.00 | 59.84 3.44 0.00 | 61.89 3.67 0.00 | 59.46 3.42 0.00 | 54.89 3.20 0.00 | 54.86 3.06 0.00 | 54.95 2.96 0.00 | 52.65 2.98 0.00 | 43.36 2.34 0.00 | 41.69 1.95 0.00 |
| MILLIKEN___1 23584 | 28.19 -3.24 0.00 | 24.89 -2.86 0.00 | 22.89 -2.13 0.00 | 21.92 -1.75 0.00 | 23.64 -2.40 0.00 | 25.31 -2.88 0.00 | 30.72 -3.37 0.00 | 33.08 -3.21 -0.23 | 36.86 -3.14 -0.75 | 45.84 -3.19 0.00 | 49.32 -3.92 -0.23 | 50.85 -3.83 0.00 | 49.40 -3.19 -0.27 | 52.26 -3.81 -0.02 | 52.60 -3.60 0.00 | 52.79 -3.61 0.00 | 54.44 -3.78 0.00 | 52.57 -3.47 0.00 | 48.28 -3.41 0.00 | 47.97 -3.83 0.00 | 48.25 -3.74 0.00 | 46.24 -3.43 0.00 | 38.23 -2.79 0.00 | 35.97 -3.77 0.00 |
| MILLIKEN___2 23585 | 28.19 -3.24 0.00 | 24.92 -2.83 0.00 | 22.92 -2.10 0.00 | 21.89 -1.78 0.00 | 23.70 -2.34 0.00 | 25.34 -2.85 0.00 | 30.68 -3.41 0.00 | 33.04 -3.25 -0.23 | 36.82 -3.18 -0.75 | 45.84 -3.19 0.00 | 49.32 -3.92 -0.23 | 50.85 -3.83 0.00 | 49.40 -3.19 -0.27 | 52.26 -3.81 -0.02 | 52.55 -3.65 0.00 | 52.79 -3.61 0.00 | 54.44 -3.78 0.00 | 52.57 -3.47 0.00 | 48.28 -3.41 0.00 | 47.91 -3.89 0.00 | 48.25 -3.74 0.00 | 46.24 -3.43 0.00 | 38.19 -2.83 0.00 | 35.97 -3.77 0.00 |
| MILLIKEN___DIESEL 23629 | 28.38 -3.05 0.00 | 25.03 -2.72 0.00 | 22.99 -2.03 0.00 | 21.99 -1.68 0.00 | 23.77 -2.27 0.00 | 25.46 -2.73 0.00 | 30.89 -3.20 0.00 | 33.26 -3.03 -0.23 | 37.10 -2.90 -0.75 | 46.14 -2.89 0.00 | 49.64 -3.60 -0.23 | 51.18 -3.50 0.00 | 49.76 -2.83 -0.27 | 52.59 -3.48 -0.02 | 52.94 -3.26 0.00 | 53.19 -3.21 0.00 | 54.78 -3.44 0.00 | 52.90 -3.14 0.00 | 48.64 -3.05 0.00 | 48.28 -3.52 0.00 | 48.56 -3.43 0.00 | 46.54 -3.13 0.00 | 38.48 -2.54 0.00 | 36.20 -3.54 0.00 |
| MODEL_CITY_ENERGY 24167 | 28.48 -2.95 0.00 | 24.73 -3.02 0.00 | 22.24 -2.78 0.00 | 21.09 -2.58 0.00 | 23.10 -2.94 0.00 | 25.15 -3.04 0.00 | 30.27 -3.82 0.00 | 33.88 -2.38 -0.20 | 37.14 -2.75 -0.64 | 46.43 -2.60 0.00 | 48.44 -4.77 -0.20 | 50.20 -4.48 0.00 | 50.30 -2.25 -0.23 | 52.03 -4.04 -0.02 | 51.93 -4.27 0.00 | 53.47 -2.93 0.00 | 54.96 -3.26 0.00 | 52.96 -3.08 0.00 | 48.85 -2.84 0.00 | 48.38 -3.42 0.00 | 49.13 -2.86 0.00 | 47.39 -2.28 0.00 | 39.63 -1.39 0.00 | 36.16 -3.58 0.00 |
| MOHAWK_PAPER___DRP 24187 | 33.66 2.23 0.00 | 29.69 1.94 0.00 | 26.75 1.73 0.00 | 25.23 1.56 0.00 | 27.89 1.85 0.00 | 30.14 1.95 0.00 | 36.44 2.35 0.00 | 40.11 2.52 -1.53 | 47.23 2.98 -5.00 | 53.00 3.97 0.00 | 58.76 4.19 -1.56 | 59.05 4.37 0.00 | 58.60 4.50 -1.78 | 60.90 4.71 -0.14 | 60.86 4.66 0.00 | 60.91 4.51 0.00 | 62.99 4.77 0.00 | 60.47 4.43 0.00 | 55.83 4.14 0.00 | 55.74 3.94 0.00 | 55.84 3.85 0.00 | 53.49 3.82 0.00 | 43.97 2.95 0.00 | 42.44 2.70 0.00 |
| MONGAUP___HYD 23641 | 32.09 0.66 0.00 | 28.69 0.94 0.00 | 25.50 0.48 0.00 | 24.05 0.38 0.00 | 26.90 0.86 0.00 | 29.01 0.82 0.00 | 35.28 1.19 0.00 | 39.15 1.98 -1.11 | 45.11 2.24 -3.62 | 52.17 3.14 0.00 | 57.32 3.18 -1.13 | 58.23 3.55 0.00 | 57.38 3.77 -1.29 | 60.07 3.92 -0.10 | 60.19 3.99 0.00 | 60.24 3.84 0.00 | 62.30 4.08 0.00 | 59.74 3.70 0.00 | 55.10 3.41 0.00 | 55.06 3.26 0.00 | 55.06 3.07 0.00 | 52.70 3.03 0.00 | 43.28 2.26 0.00 | 41.05 1.31 0.00 |
| MONTAUK___DIESEL 23721 | 56.23 4.65 -20.15 | 54.37 4.02 -22.60 | 53.01 3.43 -24.56 | 52.25 3.10 -25.48 | 52.66 3.65 -22.97 | 52.51 3.92 -20.40 | 53.71 5.08 -14.54 | 56.76 6.17 -14.53 | 58.59 7.22 -12.12 | 60.92 9.51 -2.38 | 65.87 10.02 -2.84 | 72.87 10.94 -7.25 | 74.99 11.41 -11.26 | 77.81 12.05 -9.71 | 78.76 11.97 -10.59 | 84.23 11.96 -15.87 | 99.17 12.40 -28.55 | 80.55 11.82 -12.69 | 78.14 10.86 -15.59 | 75.58 10.41 -13.37 | 75.45 10.35 -13.11 | 76.96 10.13 -17.16 | 61.76 7.51 -13.23 | 58.48 6.32 -12.42 |
| N SALMON___HYD 24042 | 30.52 -0.91 0.00 | 27.03 -0.72 0.00 | 24.42 -0.60 0.00 | 23.15 -0.52 0.00 | 25.34 -0.70 0.00 | 27.49 -0.70 0.00 | 33.17 -0.92 0.00 | 34.58 -1.48 0.00 | 37.60 -1.65 0.00 | 46.19 -2.84 0.00 | 50.62 -2.39 0.00 | 52.00 -2.68 0.00 | 49.08 -3.24 0.00 | 53.25 -2.80 0.00 | 53.33 -2.87 0.00 | 52.90 -3.50 0.00 | 54.26 -3.96 0.00 | 52.57 -3.47 0.00 | 48.49 -3.20 0.00 | 48.95 -2.85 0.00 | 49.39 -2.60 0.00 | 46.79 -2.88 0.00 | 38.68 -2.34 0.00 | 38.35 -1.39 0.00 |
| N.E._GEN_SANDY PD 24062 | 30.23 1.85 3.05 | 29.36 1.61 0.00 | 26.45 1.43 0.00 | 24.95 1.28 0.00 | 27.60 1.56 0.00 | 29.80 1.61 0.00 | 36.14 2.05 0.00 | 39.82 2.34 -1.42 | 46.56 2.67 -4.64 | 52.56 3.53 0.00 | 58.17 3.71 -1.45 | 58.56 3.88 0.00 | 58.05 4.08 -1.65 | 60.33 4.15 -0.13 | 60.36 4.16 0.00 | 60.40 4.00 0.00 | 62.47 4.25 0.00 | 59.96 3.92 0.00 | 55.36 3.67 0.00 | 55.32 3.52 0.00 | 55.42 3.43 0.00 | 53.15 3.48 0.00 | 43.73 2.71 0.00 | 42.08 2.34 0.00 |
| NARROWS_GT1_1 24228 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT1_2 24229 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT1_3 24230 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT1_4 24231 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |

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| NARROWS_GT1_5 24232 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT1_6 24233 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT1_7 24234 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT1_8 24235 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT1_GRP 23726 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_1 24236 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_2 24237 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_3 24238 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_4 24239 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_5 24240 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_6 24241 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_7 24242 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_8 24243 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NARROWS_GT2_GRP 23741 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |
| NEG CAPITAL___MECHNVIL 23645 | 34.13 2.70 0.00 | 29.94 2.19 0.00 | 27.07 2.05 0.00 | 25.54 1.87 0.00 | 28.23 2.19 0.00 | 30.47 2.28 0.00 | 36.72 2.63 0.00 | 40.25 2.67 -1.52 | 47.34 3.10 -4.99 | 53.15 4.12 0.00 | 58.97 4.40 -1.56 | 59.16 4.48 0.00 | 58.70 4.60 -1.78 | 61.00 4.82 -0.13 | 60.98 4.78 0.00 | 60.97 4.57 0.00 | 62.99 4.77 0.00 | 60.52 4.48 0.00 | 55.83 4.14 0.00 | 55.74 3.94 0.00 | 55.99 4.00 0.00 | 53.64 3.97 0.00 | 44.01 2.99 0.00 | 42.72 2.98 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 30.02 -1.41 0.00 | 26.22 -1.53 0.00 | 23.67 -1.35 0.00 | 22.42 -1.25 0.00 | 24.58 -1.46 0.00 | 26.70 -1.49 0.00 | 32.28 -1.81 0.00 | 35.00 -1.19 -0.13 | 38.25 -1.41 -0.41 | 47.71 -1.32 0.00 | 50.91 -2.23 -0.13 | 52.66 -2.02 0.00 | 51.42 -1.05 -0.15 | 54.21 -1.85 -0.01 | 54.29 -1.91 0.00 | 55.33 -1.07 0.00 | 57.00 -1.22 0.00 | 54.86 -1.18 0.00 | 50.55 -1.14 0.00 | 50.30 -1.50 0.00 | 50.69 -1.30 0.00 | 48.63 -1.04 0.00 | 40.40 -0.62 0.00 | 38.03 -1.71 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL___DRP 24199 | 30.14 -1.29 0.00 | 26.39 -1.36 0.00 | 23.79 -1.23 0.00 | 22.51 -1.16 0.00 | 24.74 -1.30 0.00 | 26.81 -1.38 0.00 | 32.62 -1.47 0.00 | 35.19 -1.01 -0.14 | 38.84 -0.86 -0.45 | 48.64 -0.39 0.00 | 52.14 -1.01 -0.14 | 53.81 -0.87 0.00 | 52.38 -0.10 -0.16 | 55.44 -0.62 -0.01 | 55.64 -0.56 0.00 | 56.29 -0.11 0.00 | 58.05 -0.17 0.00 | 55.98 -0.06 0.00 | 51.53 -0.16 0.00 | 51.18 -0.62 0.00 | 51.52 -0.47 0.00 | 49.37 -0.30 0.00 | 40.77 -0.25 0.00 | 38.27 -1.47 0.00 |
| NEG CENTRAL___INDECK 23768 | 30.14 -1.29 0.00 | 26.17 -1.58 0.00 | 23.54 -1.48 0.00 | 22.32 -1.35 0.00 | 24.48 -1.56 0.00 | 26.61 -1.58 0.00 | 32.42 -1.67 0.00 | 35.99 -0.32 -0.25 | 39.89 -0.16 -0.80 | 49.96 0.93 0.00 | 53.21 -0.05 -0.25 | 54.63 -0.05 0.00 | 54.07 1.46 -0.29 | 56.69 0.62 -0.02 | 56.71 0.51 0.00 | 57.36 0.96 0.00 | 59.04 0.82 0.00 | 56.77 0.73 0.00 | 52.57 0.88 0.00 | 51.85 0.05 0.00 | 52.41 0.42 0.00 | 50.22 0.55 0.00 | 41.68 0.66 0.00 | 38.47 -1.27 0.00 |
| NEG CENTRAL___SENECA 23627 | 29.98 -1.45 0.00 | 26.17 -1.58 0.00 | 23.57 -1.45 0.00 | 22.34 -1.33 0.00 | 24.50 -1.54 0.00 | 26.58 -1.61 0.00 | 32.39 -1.70 0.00 | 35.23 -1.01 -0.18 | 39.03 -0.79 -0.57 | 48.98 -0.05 0.00 | 52.34 -0.85 -0.18 | 54.08 -0.60 0.00 | 52.94 0.42 -0.20 | 55.90 -0.17 -0.02 | 56.03 -0.17 0.00 | 56.51 0.11 0.00 | 58.22 0.00 0.00 | 56.10 0.06 0.00 | 51.64 -0.05 0.00 | 51.18 -0.62 0.00 | 51.57 -0.42 0.00 | 49.47 -0.20 0.00 | 40.81 -0.21 0.00 | 38.03 -1.71 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 29.83 -1.60 0.00 | 26.20 -1.55 0.00 | 23.79 -1.23 0.00 | 22.63 -1.04 0.00 | 24.69 -1.35 0.00 | 26.64 -1.55 0.00 | 32.35 -1.74 0.00 | 34.78 -1.41 -0.13 | 38.36 -1.30 -0.41 | 48.00 -1.03 0.00 | 51.55 -1.59 -0.13 | 53.20 -1.48 0.00 | 51.58 -0.89 -0.15 | 54.71 -1.35 -0.01 | 54.96 -1.24 0.00 | 55.61 -0.79 0.00 | 57.35 -0.87 0.00 | 55.31 -0.73 0.00 | 50.86 -0.83 0.00 | 50.56 -1.24 0.00 | 50.85 -1.14 0.00 | 48.73 -0.94 0.00 | 40.28 -0.74 0.00 | 37.95 -1.79 0.00 |
| NEG MILLWOOD___DRP 24198 | 33.60 2.17 0.00 | 29.69 1.94 0.00 | 26.67 1.65 0.00 | 25.04 1.37 0.00 | 27.84 1.80 0.00 | 30.05 1.86 0.00 | 36.92 2.83 0.00 | 40.61 3.32 -1.23 | 46.92 3.65 -4.02 | 53.88 4.85 0.00 | 59.52 5.25 -1.26 | 60.37 5.69 0.00 | 59.51 5.76 -1.43 | 62.16 6.00 -0.11 | 62.21 6.01 0.00 | 62.89 6.49 0.00 | 65.03 6.81 0.00 | 61.92 5.88 0.00 | 57.17 5.48 0.00 | 56.93 5.13 0.00 | 56.93 4.94 0.00 | 54.64 4.97 0.00 | 44.92 3.90 0.00 | 42.64 2.90 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 30.02 -1.41 0.00 | 26.61 -1.14 0.00 | 24.04 -0.98 0.00 | 22.77 -0.90 0.00 | 24.95 -1.09 0.00 | 27.06 -1.13 0.00 | 32.66 -1.43 0.00 | 34.29 -1.77 0.00 | 37.29 -1.96 0.00 | 45.75 -3.28 0.00 | 50.20 -2.81 0.00 | 51.51 -3.17 0.00 | 48.55 -3.77 0.00 | 52.74 -3.31 0.00 | 52.83 -3.37 0.00 | 52.40 -4.00 0.00 | 53.74 -4.48 0.00 | 52.06 -3.98 0.00 | 48.02 -3.67 0.00 | 48.48 -3.32 0.00 | 48.71 -3.28 0.00 | 46.19 -3.48 0.00 | 38.15 -2.87 0.00 | 37.75 -1.99 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 30.39 -1.04 0.00 | 26.95 -0.80 0.00 | 24.34 -0.68 0.00 | 23.08 -0.59 0.00 | 25.26 -0.78 0.00 | 27.40 -0.79 0.00 | 33.00 -1.09 0.00 | 34.65 -1.41 0.00 | 37.64 -1.61 0.00 | 46.24 -2.79 0.00 | 50.68 -2.33 0.00 | 52.00 -2.68 0.00 | 49.02 -3.30 0.00 | 53.25 -2.80 0.00 | 53.33 -2.87 0.00 | 52.90 -3.50 0.00 | 54.32 -3.90 0.00 | 52.57 -3.47 0.00 | 48.49 -3.20 0.00 | 48.95 -2.85 0.00 | 49.18 -2.81 0.00 | 46.59 -3.08 0.00 | 38.52 -2.50 0.00 | 38.19 -1.55 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 30.17 -1.26 0.00 | 26.75 -1.00 0.00 | 24.17 -0.85 0.00 | 22.89 -0.78 0.00 | 25.08 -0.96 0.00 | 27.20 -0.99 0.00 | 32.86 -1.23 0.00 | 34.51 -1.55 0.00 | 37.56 -1.69 0.00 | 46.09 -2.94 0.00 | 50.52 -2.49 0.00 | 51.84 -2.84 0.00 | 48.92 -3.40 0.00 | 53.08 -2.97 0.00 | 53.17 -3.03 0.00 | 52.73 -3.67 0.00 | 54.03 -4.19 0.00 | 52.40 -3.64 0.00 | 48.33 -3.36 0.00 | 48.80 -3.00 0.00 | 49.03 -2.96 0.00 | 46.49 -3.18 0.00 | 38.39 -2.63 0.00 | 37.95 -1.79 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 30.17 -1.26 0.00 | 26.75 -1.00 0.00 | 24.17 -0.85 0.00 | 22.89 -0.78 0.00 | 25.08 -0.96 0.00 | 27.20 -0.99 0.00 | 32.86 -1.23 0.00 | 34.51 -1.55 0.00 | 37.56 -1.69 0.00 | 46.09 -2.94 0.00 | 50.52 -2.49 0.00 | 51.84 -2.84 0.00 | 48.92 -3.40 0.00 | 53.08 -2.97 0.00 | 53.22 -2.98 0.00 | 52.73 -3.67 0.00 | 54.03 -4.19 0.00 | 52.40 -3.64 0.00 | 48.33 -3.36 0.00 | 48.80 -3.00 0.00 | 49.03 -2.96 0.00 | 46.49 -3.18 0.00 | 38.39 -2.63 0.00 | 37.95 -1.79 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 30.17 -1.26 0.00 | 26.75 -1.00 0.00 | 24.17 -0.85 0.00 | 22.89 -0.78 0.00 | 25.08 -0.96 0.00 | 27.20 -0.99 0.00 | 32.86 -1.23 0.00 | 34.51 -1.55 0.00 | 37.56 -1.69 0.00 | 46.09 -2.94 0.00 | 50.52 -2.49 0.00 | 51.84 -2.84 0.00 | 48.92 -3.40 0.00 | 53.08 -2.97 0.00 | 53.17 -3.03 0.00 | 52.73 -3.67 0.00 | 54.03 -4.19 0.00 | 52.40 -3.64 0.00 | 48.33 -3.36 0.00 | 48.80 -3.00 0.00 | 49.03 -2.96 0.00 | 46.49 -3.18 0.00 | 38.39 -2.63 0.00 | 37.95 -1.79 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 28.51 -2.92 0.00 | 24.70 -3.05 0.00 | 22.24 -2.78 0.00 | 21.09 -2.58 0.00 | 23.10 -2.94 0.00 | 25.15 -3.04 0.00 | 30.31 -3.78 0.00 | 33.94 -2.31 -0.19 | 37.22 -2.67 -0.64 | 46.53 -2.50 0.00 | 48.49 -4.72 -0.20 | 50.31 -4.37 0.00 | 50.40 -2.15 -0.23 | 52.15 -3.92 -0.02 | 52.10 -4.10 0.00 | 53.52 -2.88 0.00 | 55.08 -3.14 0.00 | 53.07 -2.97 0.00 | 48.95 -2.74 0.00 | 48.43 -3.37 0.00 | 49.18 -2.81 0.00 | 47.39 -2.28 0.00 | 39.67 -1.35 0.00 | 36.16 -3.58 0.00 |
| NEG WEST___LANCASTR 23811 | 28.38 -3.05 0.00 | 24.31 -3.44 0.00 | 21.82 -3.20 0.00 | 20.66 -3.01 0.00 | 22.68 -3.36 0.00 | 24.67 -3.52 0.00 | 30.41 -3.68 0.00 | 34.72 -1.62 -0.28 | 39.22 -0.94 -0.91 | 49.81 0.78 0.00 | 52.50 -0.80 -0.29 | 54.30 -0.38 0.00 | 54.69 2.04 -0.33 | 57.14 1.07 -0.02 | 57.10 0.90 0.00 | 57.64 1.24 0.00 | 59.33 1.11 0.00 | 57.05 1.01 0.00 | 52.52 0.83 0.00 | 51.44 -0.36 0.00 | 52.20 0.21 0.00 | 49.97 0.30 0.00 | 40.94 -0.08 0.00 | 36.64 -3.10 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 30.61 -0.82 0.00 | 26.75 -1.00 0.00 | 24.07 -0.95 0.00 | 22.77 -0.90 0.00 | 25.08 -0.96 0.00 | 27.15 -1.04 0.00 | 33.17 -0.92 0.00 | 37.00 0.36 -0.58 | 42.24 1.10 -1.89 | 51.78 2.75 0.00 | 55.88 2.28 -0.59 | 57.25 2.57 0.00 | 56.60 3.61 -0.67 | 59.52 3.42 -0.05 | 59.63 3.43 0.00 | 58.20 1.80 0.00 | 60.08 1.86 0.00 | 57.83 1.79 0.00 | 53.29 1.60 0.00 | 52.84 1.04 0.00 | 53.13 1.14 0.00 | 50.86 1.19 0.00 | 41.72 0.70 0.00 | 39.06 -0.68 0.00 |
| NEG___GEN_MONROE 24207 | 30.80 -0.63 0.00 | 26.75 -1.00 0.00 | 24.12 -0.90 0.00 | 22.84 -0.83 0.00 | 25.05 -0.99 0.00 | 27.23 -0.96 0.00 | 33.00 -1.09 0.00 | 36.35 0.14 -0.15 | 39.77 0.04 -0.48 | 49.67 0.64 0.00 | 52.79 -0.37 -0.15 | 54.63 -0.05 0.00 | 53.80 1.31 -0.17 | 56.45 0.39 -0.01 | 56.48 0.28 0.00 | 57.64 1.24 0.00 | 59.33 1.11 0.00 | 57.05 1.01 0.00 | 52.52 0.83 0.00 | 52.11 0.31 0.00 | 52.61 0.62 0.00 | 50.51 0.84 0.00 | 42.05 1.03 0.00 | 39.18 -0.56 0.00 |
| NEPA___ENERGY 23901 | 28.07 -3.36 0.00 | 23.95 -3.80 0.00 | 21.47 -3.55 0.00 | 20.33 -3.34 0.00 | 22.32 -3.72 0.00 | 24.27 -3.92 0.00 | 30.14 -3.95 0.00 | 34.39 -1.98 -0.31 | 39.26 -1.02 -1.03 | 50.16 1.13 0.00 | 53.12 -0.21 -0.32 | 54.90 0.22 0.00 | 55.25 2.56 -0.37 | 57.93 1.85 -0.03 | 57.89 1.69 0.00 | 58.09 1.69 0.00 | 59.79 1.57 0.00 | 57.55 1.51 0.00 | 52.93 1.24 0.00 | 51.70 -0.10 0.00 | 52.35 0.36 0.00 | 50.12 0.45 0.00 | 40.69 -0.33 0.00 | 36.28 -3.46 0.00 |
| NEVERSINK___HYD 23608 | 32.25 0.82 0.00 | 28.69 0.94 0.00 | 25.65 0.63 0.00 | 24.19 0.52 0.00 | 26.90 0.86 0.00 | 29.04 0.85 0.00 | 35.32 1.23 0.00 | 39.02 1.91 -1.05 | 44.89 2.20 -3.44 | 52.12 3.09 0.00 | 57.16 3.07 -1.08 | 58.07 3.39 0.00 | 57.20 3.66 -1.22 | 59.90 3.76 -0.09 | 59.97 3.77 0.00 | 59.95 3.55 0.00 | 62.00 3.78 0.00 | 59.51 3.47 0.00 | 54.95 3.26 0.00 | 54.86 3.06 0.00 | 54.90 2.91 0.00 | 52.60 2.93 0.00 | 43.28 2.26 0.00 | 41.21 1.47 0.00 |

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| NIAGARA____ 23760 | 28.22 -3.21 0.00 | 24.53 -3.22 0.00 | 22.09 -2.93 0.00 | 20.95 -2.72 0.00 | 22.94 -3.10 0.00 | 24.95 -3.24 0.00 | 30.00 -4.09 0.00 | 33.44 -2.81 -0.19 | 36.57 -3.30 -0.62 | 45.70 -3.33 0.00 | 47.69 -5.51 -0.19 | 49.43 -5.25 0.00 | 49.45 -3.09 -0.22 | 51.08 -4.99 -0.02 | 51.03 -5.17 0.00 | 52.56 -3.84 0.00 | 54.09 -4.13 0.00 | 52.17 -3.87 0.00 | 48.17 -3.52 0.00 | 47.71 -4.09 0.00 | 48.40 -3.59 0.00 | 46.74 -2.93 0.00 | 39.13 -1.89 0.00 | 35.77 -3.97 0.00 |
| NINE_MILE_1 23575 | 30.42 -1.01 0.00 | 26.78 -0.97 0.00 | 24.14 -0.88 0.00 | 22.84 -0.83 0.00 | 25.13 -0.91 0.00 | 27.20 -0.99 0.00 | 32.97 -1.12 0.00 | 35.02 -1.08 -0.04 | 38.19 -1.18 -0.12 | 47.71 -1.32 0.00 | 51.41 -1.64 -0.04 | 53.04 -1.64 0.00 | 51.00 -1.36 -0.04 | 54.37 -1.68 0.00 | 54.57 -1.63 0.00 | 55.27 -1.13 0.00 | 57.06 -1.16 0.00 | 54.92 -1.12 0.00 | 50.66 -1.03 0.00 | 50.61 -1.19 0.00 | 50.85 -1.14 0.00 | 48.63 -1.04 0.00 | 40.20 -0.82 0.00 | 38.55 -1.19 0.00 |
| NINE_MILE_2 23744 | 30.36 -1.07 0.00 | 26.75 -1.00 0.00 | 24.09 -0.93 0.00 | 22.79 -0.88 0.00 | 25.08 -0.96 0.00 | 27.18 -1.01 0.00 | 32.90 -1.19 0.00 | 34.95 -1.15 -0.04 | 38.11 -1.26 -0.12 | 47.61 -1.42 0.00 | 51.30 -1.75 -0.04 | 52.93 -1.75 0.00 | 50.90 -1.46 -0.04 | 54.26 -1.79 0.00 | 54.40 -1.80 0.00 | 55.16 -1.24 0.00 | 56.94 -1.28 0.00 | 54.81 -1.23 0.00 | 50.55 -1.14 0.00 | 50.50 -1.30 0.00 | 50.74 -1.25 0.00 | 48.53 -1.14 0.00 | 40.12 -0.90 0.00 | 38.47 -1.27 0.00 |
| NM_CAPITAL____DRP 24208 | 33.41 1.98 0.00 | 29.47 1.72 0.00 | 26.57 1.55 0.00 | 25.07 1.40 0.00 | 27.71 1.67 0.00 | 29.94 1.75 0.00 | 36.24 2.15 0.00 | 39.89 2.31 -1.52 | 46.96 2.75 -4.96 | 52.66 3.63 0.00 | 58.38 3.82 -1.55 | 58.67 3.99 0.00 | 58.22 4.13 -1.77 | 60.44 4.26 -0.13 | 60.47 4.27 0.00 | 60.52 4.12 0.00 | 62.53 4.31 0.00 | 60.07 4.03 0.00 | 55.46 3.77 0.00 | 55.43 3.63 0.00 | 55.53 3.54 0.00 | 53.20 3.53 0.00 | 43.73 2.71 0.00 | 42.20 2.46 0.00 |
| NM_CENTRAL____DRP 24181 | 30.93 -0.50 0.00 | 27.20 -0.55 0.00 | 24.52 -0.50 0.00 | 23.22 -0.45 0.00 | 25.52 -0.52 0.00 | 27.65 -0.54 0.00 | 33.61 -0.48 0.00 | 35.75 -0.36 -0.05 | 39.18 -0.24 -0.17 | 49.08 0.05 0.00 | 52.79 -0.27 -0.05 | 54.52 -0.16 0.00 | 52.48 0.10 -0.06 | 55.88 -0.17 0.00 | 56.14 -0.06 0.00 | 56.91 0.51 0.00 | 58.69 0.47 0.00 | 56.60 0.56 0.00 | 52.10 0.41 0.00 | 51.96 0.16 0.00 | 52.20 0.21 0.00 | 50.02 0.35 0.00 | 41.35 0.33 0.00 | 39.34 -0.40 0.00 |
| NM_FRONTIER____DRP 24179 | 28.44 -2.99 0.00 | 24.75 -3.00 0.00 | 22.27 -2.75 0.00 | 21.11 -2.56 0.00 | 23.12 -2.92 0.00 | 25.17 -3.02 0.00 | 30.24 -3.85 0.00 | 33.83 -2.42 -0.19 | 37.02 -2.87 -0.64 | 46.24 -2.79 0.00 | 48.17 -5.04 -0.20 | 49.98 -4.70 0.00 | 50.04 -2.51 -0.23 | 51.70 -4.37 -0.02 | 51.59 -4.61 0.00 | 53.19 -3.21 0.00 | 54.73 -3.49 0.00 | 52.73 -3.31 0.00 | 48.64 -3.05 0.00 | 48.23 -3.57 0.00 | 48.97 -3.02 0.00 | 47.24 -2.43 0.00 | 39.58 -1.44 0.00 | 36.12 -3.62 0.00 |
| NM_ST_REGIS____HYD 24053 | 30.68 -0.75 0.00 | 27.14 -0.61 0.00 | 24.52 -0.50 0.00 | 23.22 -0.45 0.00 | 25.42 -0.62 0.00 | 27.63 -0.56 0.00 | 33.37 -0.72 0.00 | 34.26 -1.80 0.00 | 37.25 -2.00 0.00 | 45.70 -3.33 0.00 | 50.15 -2.86 0.00 | 51.51 -3.17 0.00 | 48.81 -3.51 0.00 | 52.91 -3.14 0.00 | 53.05 -3.15 0.00 | 52.56 -3.84 0.00 | 53.91 -4.31 0.00 | 52.23 -3.81 0.00 | 48.17 -3.52 0.00 | 48.64 -3.16 0.00 | 49.65 -2.34 0.00 | 47.04 -2.63 0.00 | 38.97 -2.05 0.00 | 38.63 -1.11 0.00 |
| NORTHPORT____1 23551 | 53.99 2.45 -20.11 | 52.62 2.30 -22.57 | 51.58 2.00 -24.56 | 50.97 1.82 -25.48 | 51.25 2.24 -22.97 | 50.96 2.37 -20.40 | 51.70 3.07 -14.54 | 54.04 3.50 -14.48 | 55.16 3.85 -12.06 | 56.28 4.95 -2.30 | 58.68 4.98 -0.69 | 58.39 5.52 1.81 | 58.48 5.86 -0.30 | 58.47 6.11 3.69 | 58.42 6.01 3.79 | 58.43 5.92 3.89 | 58.46 6.23 5.99 | 58.43 5.83 3.44 | 58.35 5.53 -1.13 | 58.36 5.23 -1.33 | 58.37 5.04 -1.34 | 58.38 5.12 -3.59 | 57.93 3.77 -13.14 | 55.29 3.18 -12.37 |
| NORTHPORT____2 23552 | 53.99 2.45 -20.11 | 52.60 2.28 -22.57 | 51.58 2.00 -24.56 | 50.97 1.82 -25.48 | 51.25 2.24 -22.97 | 50.96 2.37 -20.40 | 51.66 3.03 -14.54 | 54.00 3.46 -14.48 | 55.12 3.81 -12.06 | 56.23 4.90 -2.30 | 58.68 4.98 -0.69 | 58.39 5.52 1.81 | 58.43 5.81 -0.30 | 58.41 6.05 3.69 | 58.37 5.96 3.79 | 58.43 5.92 3.89 | 58.46 6.23 5.99 | 58.43 5.83 3.44 | 58.35 5.53 -1.13 | 58.31 5.18 -1.33 | 58.37 5.04 -1.34 | 58.33 5.07 -3.59 | 57.89 3.73 -13.14 | 55.25 3.14 -12.37 |
| NORTHPORT____3 23553 | 54.24 2.73 -20.08 | 52.84 2.55 -22.54 | 51.81 2.23 -24.56 | 51.19 2.04 -25.48 | 51.46 2.45 -22.97 | 51.18 2.59 -20.40 | 51.99 3.37 -14.53 | 54.50 4.00 -14.44 | 55.39 4.12 -12.02 | 56.62 5.34 -2.25 | 58.48 4.82 -0.65 | 58.11 5.30 1.87 | 58.11 5.60 -0.19 | 58.00 5.77 3.82 | 58.06 5.79 3.93 | 58.06 5.70 4.04 | 58.06 6.00 6.16 | 58.06 5.60 3.58 | 58.06 5.38 -0.99 | 58.05 5.02 -1.23 | 58.06 4.83 -1.24 | 58.06 4.87 -3.52 | 58.06 3.94 -13.10 | 55.61 3.54 -12.33 |
| NORTHPORT____4 23650 | 54.31 2.80 -20.08 | 52.87 2.58 -22.54 | 51.81 2.23 -24.56 | 51.19 2.04 -25.48 | 51.48 2.47 -22.97 | 51.21 2.62 -20.40 | 52.03 3.41 -14.53 | 54.58 4.08 -14.44 | 55.43 4.16 -12.02 | 56.62 5.34 -2.25 | 58.48 4.82 -0.65 | 58.06 5.25 1.87 | 58.06 5.55 -0.19 | 58.06 5.83 3.82 | 58.06 5.79 3.93 | 58.06 5.70 4.04 | 58.06 6.00 6.16 | 58.06 5.60 3.58 | 58.06 5.38 -0.99 | 58.05 5.02 -1.23 | 58.06 4.83 -1.24 | 58.06 4.87 -3.52 | 58.06 3.94 -13.10 | 55.61 3.54 -12.33 |
| NORTHPORT____IC 23718 | 54.09 2.55 -20.11 | 52.68 2.36 -22.57 | 51.63 2.05 -24.56 | 51.02 1.87 -25.48 | 51.30 2.29 -22.97 | 51.01 2.42 -20.40 | 51.77 3.14 -14.54 | 54.15 3.61 -14.48 | 55.31 4.00 -12.06 | 56.48 5.15 -2.30 | 58.95 5.25 -0.69 | 58.67 5.80 1.81 | 58.74 6.12 -0.30 | 58.69 6.33 3.69 | 58.70 6.29 3.79 | 58.71 6.20 3.89 | 58.75 6.52 5.99 | 58.71 6.11 3.44 | 58.61 5.79 -1.13 | 58.57 5.44 -1.33 | 58.63 5.30 -1.34 | 58.57 5.31 -3.59 | 58.10 3.94 -13.14 | 55.41 3.30 -12.37 |
| NSINS_S_GLNS_FALLS 23858 | 34.92 3.49 0.00 | 30.22 2.47 0.00 | 27.65 2.63 0.00 | 26.04 2.37 0.00 | 28.77 2.73 0.00 | 30.98 2.79 0.00 | 37.02 2.93 0.00 | 40.31 2.70 -1.55 | 47.31 2.98 -5.08 | 52.90 3.87 0.00 | 58.84 4.24 -1.59 | 58.56 3.88 0.00 | 58.16 4.03 -1.81 | 60.45 4.26 -0.14 | 60.41 4.21 0.00 | 60.40 4.00 0.00 | 62.35 4.13 0.00 | 59.91 3.87 0.00 | 55.31 3.62 0.00 | 55.17 3.37 0.00 | 55.79 3.80 0.00 | 53.44 3.77 0.00 | 43.85 2.83 0.00 | 42.96 3.22 0.00 |
| NUCOR_STEEL____DRP 24197 | 29.83 -1.60 0.00 | 26.20 -1.55 0.00 | 23.79 -1.23 0.00 | 22.63 -1.04 0.00 | 24.69 -1.35 0.00 | 26.64 -1.55 0.00 | 32.35 -1.74 0.00 | 34.78 -1.41 -0.13 | 38.36 -1.30 -0.41 | 48.00 -1.03 0.00 | 51.55 -1.59 -0.13 | 53.20 -1.48 0.00 | 51.58 -0.89 -0.15 | 54.71 -1.35 -0.01 | 54.96 -1.24 0.00 | 55.61 -0.79 0.00 | 57.35 -0.87 0.00 | 55.31 -0.73 0.00 | 50.86 -0.83 0.00 | 50.56 -1.24 0.00 | 50.85 -1.14 0.00 | 48.73 -0.94 0.00 | 40.28 -0.74 0.00 | 37.95 -1.79 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 31.43 0.00 0.00 | 27.75 0.00 0.00 | 25.02 0.00 0.00 | 23.67 0.00 0.00 | 26.04 0.00 0.00 | 28.19 0.00 0.00 | 34.09 0.00 0.00 | 36.06 0.00 0.00 | 39.25 0.00 0.00 | 49.03 0.00 0.00 | 53.01 0.00 0.00 | 54.68 0.00 0.00 | 52.32 0.00 0.00 | 56.05 0.00 0.00 | 56.20 0.00 0.00 | 56.40 0.00 0.00 | 58.22 0.00 0.00 | 56.04 0.00 0.00 | 51.69 0.00 0.00 | 51.80 0.00 0.00 | 51.99 0.00 0.00 | 49.67 0.00 0.00 | 41.02 0.00 0.00 | 39.74 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 54.71 3.08 -20.20 | 53.15 2.77 -22.63 | 51.98 2.40 -24.56 | 51.33 2.18 -25.48 | 51.64 2.63 -22.97 | 51.38 2.79 -20.40 | 52.24 3.61 -14.54 | 54.91 4.26 -14.59 | 56.22 4.79 -12.18 | 57.77 6.28 -2.46 | 62.31 6.41 -2.89 | 69.01 7.05 -7.28 | 70.87 7.22 -11.33 | 73.27 7.40 -9.82 | 74.21 7.31 -10.70 | 79.57 7.22 -15.95 | 94.35 7.57 -28.56 | 75.95 7.12 -12.79 | 74.11 6.72 -15.70 | 71.60 6.37 -13.43 | 71.41 6.24 -13.18 | 73.20 6.36 -17.17 | 59.16 4.84 -13.30 | 56.26 4.05 -12.47 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NYPA_GOWANUS____GT5 24156 | 64.66 2.86 -30.37 | 61.01 2.53 -30.73 | 47.37 2.13 -20.22 | 25.61 1.92 -0.02 | 28.39 2.34 -0.01 | 44.14 2.48 -13.47 | 61.57 3.34 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.70 6.32 -61.35 | 75.16 6.47 -15.68 | 116.70 7.00 -55.02 | 116.70 7.22 -57.16 | 95.98 7.51 -32.42 | 115.31 7.53 -51.58 | 116.74 7.39 -52.95 | 116.89 7.74 -50.93 | 99.73 7.34 -36.35 | 102.81 6.77 -44.35 | 72.71 6.58 -14.33 | 72.86 6.34 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.26 3.89 -25.63 |
| NYPA_GOWANUS____GT6 24157 | 64.66 2.86 -30.37 | 61.01 2.53 -30.73 | 47.37 2.13 -20.22 | 25.61 1.92 -0.02 | 28.39 2.34 -0.01 | 44.14 2.48 -13.47 | 61.57 3.34 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.70 6.32 -61.35 | 75.16 6.47 -15.68 | 116.70 7.00 -55.02 | 116.70 7.22 -57.16 | 95.98 7.51 -32.42 | 115.31 7.53 -51.58 | 116.74 7.39 -52.95 | 116.89 7.74 -50.93 | 99.73 7.34 -36.35 | 102.81 6.77 -44.35 | 72.71 6.58 -14.33 | 72.86 6.34 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.26 3.89 -25.63 |
| NYPA_HARLEM_RVR__GT1 24160 | 66.07 3.02 -31.62 | 61.09 2.61 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.20 2.54 -13.47 | 61.71 3.48 -24.14 | 68.49 4.18 -28.25 | 75.55 4.63 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.60 6.06 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| NYPA_HARLEM_RVR__GT2 24161 | 66.07 3.02 -31.62 | 61.09 2.61 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.20 2.54 -13.47 | 61.71 3.48 -24.14 | 68.49 4.18 -28.25 | 75.55 4.63 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.60 6.06 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| NYPA_KENT____GT 24152 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.49 4.18 -28.25 | 75.63 4.71 -31.67 | 116.61 6.23 -61.35 | 75.05 6.36 -15.68 | 116.53 6.83 -55.02 | 116.54 7.06 -57.16 | 95.87 7.40 -32.42 | 115.14 7.36 -51.58 | 116.63 7.28 -52.95 | 116.78 7.63 -50.93 | 99.56 7.17 -36.35 | 102.71 6.67 -44.35 | 72.61 6.48 -14.33 | 72.76 6.24 -14.53 | 75.85 6.31 -19.87 | 75.60 4.92 -29.66 | 69.30 3.93 -25.63 |
| NYPA_POUCH1____GT 24155 | 64.37 2.86 -30.08 | 60.77 2.55 -30.47 | 47.28 2.15 -20.11 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 43.90 2.51 -13.20 | 61.22 3.37 -23.76 | 68.15 4.22 -27.87 | 75.23 4.79 -31.19 | 115.56 6.37 -60.16 | 74.93 6.52 -15.40 | 115.62 7.00 -53.94 | 115.65 7.27 -56.06 | 95.40 7.57 -31.78 | 114.35 7.59 -50.56 | 115.74 7.44 -51.90 | 115.94 7.80 -49.92 | 99.07 7.40 -35.63 | 101.99 6.82 -43.48 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.56 6.41 -19.48 | 75.48 4.96 -29.50 | 68.91 3.93 -25.24 |
| NYPA_VERNON____GT2 24162 | 64.66 2.86 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.65 1.96 -0.02 | 28.45 2.40 -0.01 | 44.20 2.54 -13.47 | 61.60 3.37 -24.14 | 68.49 4.18 -28.25 | 75.55 4.63 -31.67 | 116.51 6.13 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.39 6.91 -57.16 | 95.70 7.23 -32.42 | 115.03 7.25 -51.58 | 116.46 7.11 -52.95 | 116.60 7.45 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.70 6.16 -19.87 | 75.52 4.84 -29.66 | 69.26 3.89 -25.63 |
| NYPA_VERNON____GT3 24163 | 64.66 2.86 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.65 1.96 -0.02 | 28.45 2.40 -0.01 | 44.20 2.54 -13.47 | 61.60 3.37 -24.14 | 68.49 4.18 -28.25 | 75.55 4.63 -31.67 | 116.51 6.13 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.39 6.91 -57.16 | 95.70 7.23 -32.42 | 115.03 7.25 -51.58 | 116.46 7.11 -52.95 | 116.60 7.45 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.70 6.16 -19.87 | 75.52 4.84 -29.66 | 69.26 3.89 -25.63 |
| NYPA____HOLTSVILL 23794 | 54.49 2.92 -20.14 | 52.98 2.64 -22.59 | 51.83 2.25 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.18 2.59 -20.40 | 51.97 3.34 -14.54 | 54.44 3.86 -14.52 | 55.68 4.32 -12.11 | 56.93 5.54 -2.36 | 61.46 5.62 -2.83 | 68.15 6.23 -7.24 | 70.15 6.59 -11.24 | 72.57 6.84 -9.68 | 73.45 6.69 -10.56 | 78.85 6.60 -15.85 | 93.70 6.93 -28.55 | 75.20 6.50 -12.66 | 73.35 6.10 -15.56 | 71.07 5.91 -13.36 | 70.80 5.72 -13.09 | 72.59 5.76 -17.16 | 58.58 4.35 -13.21 | 55.85 3.70 -12.41 |
| NYPA____HELLGATE_GT1 24158 | 66.05 3.02 -31.60 | 61.09 2.61 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.20 2.54 -13.47 | 61.71 3.48 -24.14 | 68.49 4.18 -28.25 | 75.55 4.63 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.60 6.06 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| NYPA____HELLGATE_GT2 24159 | 66.05 3.02 -31.60 | 61.09 2.61 -30.73 | 47.42 2.18 -20.22 | 25.68 1.99 -0.02 | 28.46 2.42 0.00 | 44.20 2.54 -13.47 | 61.71 3.48 -24.14 | 68.49 4.18 -28.25 | 75.55 4.63 -31.67 | 116.56 6.18 -61.35 | 74.84 6.15 -15.68 | 68.63 6.62 -7.33 | 71.49 6.80 -12.37 | 71.55 7.12 -8.38 | 71.55 7.08 -8.27 | 71.61 6.99 -8.22 | 71.56 7.28 -6.06 | 71.55 6.89 -8.62 | 68.80 6.51 -10.60 | 68.66 6.22 -10.64 | 72.50 5.98 -14.53 | 75.60 6.06 -19.87 | 75.52 4.84 -29.66 | 69.38 4.01 -25.63 |
| O.H_GEN_BRUCE 24063 | 24.22 -3.21 4.00 | 23.02 -3.22 1.51 | 20.58 -2.93 1.51 | 20.00 -2.72 0.95 | 21.00 -3.10 1.94 | 24.00 -3.21 0.98 | 29.58 -4.09 0.42 | 33.46 -2.78 -0.18 | 36.59 -3.26 -0.60 | 45.75 -3.28 0.00 | 47.74 -5.46 -0.19 | 49.54 -5.14 0.00 | 49.50 -3.03 -0.21 | 51.19 -4.88 -0.02 | 51.09 -5.11 0.00 | 52.68 -3.72 0.00 | 54.20 -4.02 0.00 | 52.23 -3.81 0.00 | 48.23 -3.46 0.00 | 47.76 -4.04 0.00 | 48.45 -3.54 0.00 | 46.79 -2.88 0.00 | 39.13 -1.89 0.00 | 35.01 -3.93 0.80 |
| OAK_ORCHARD____HYD 24046 | 30.42 -1.01 0.00 | 26.53 -1.22 0.00 | 23.92 -1.10 0.00 | 22.68 -0.99 0.00 | 24.84 -1.20 0.00 | 27.01 -1.18 0.00 | 32.66 -1.43 0.00 | 35.66 -0.54 -0.14 | 38.95 -0.75 -0.45 | 48.49 -0.54 0.00 | 51.67 -1.48 -0.14 | 53.48 -1.20 0.00 | 52.43 -0.05 -0.16 | 55.11 -0.95 -0.01 | 55.13 -1.07 0.00 | 56.29 -0.11 0.00 | 57.99 -0.23 0.00 | 55.76 -0.28 0.00 | 51.38 -0.31 0.00 | 51.02 -0.78 0.00 | 51.47 -0.52 0.00 | 49.42 -0.25 0.00 | 41.10 0.08 0.00 | 38.55 -1.19 0.00 |
| OCC_CHEM____DRP 24175 | 28.48 -2.95 0.00 | 24.75 -3.00 0.00 | 22.27 -2.75 0.00 | 21.14 -2.53 0.00 | 23.15 -2.89 0.00 | 25.17 -3.02 0.00 | 30.24 -3.85 0.00 | 33.87 -2.38 -0.19 | 37.06 -2.83 -0.64 | 46.28 -2.75 0.00 | 48.17 -5.04 -0.20 | 49.98 -4.70 0.00 | 50.09 -2.46 -0.23 | 51.75 -4.32 -0.02 | 51.65 -4.55 0.00 | 53.24 -3.16 0.00 | 54.78 -3.44 0.00 | 52.79 -3.25 0.00 | 48.69 -3.00 0.00 | 48.28 -3.52 0.00 | 49.03 -2.96 0.00 | 47.29 -2.38 0.00 | 39.58 -1.44 0.00 | 36.16 -3.58 0.00 |
| OLIN_CORP_DRP 24177 | 28.41 -3.02 0.00 | 24.64 -3.11 0.00 | 22.19 -2.83 0.00 | 21.04 -2.63 0.00 | 23.05 -2.99 0.00 | 25.06 -3.13 0.00 | 30.17 -3.92 0.00 | 33.81 -2.45 -0.20 | 37.08 -2.83 -0.66 | 46.33 -2.70 0.00 | 48.29 -4.93 -0.21 | 50.09 -4.59 0.00 | 50.21 -2.35 -0.24 | 51.87 -4.20 -0.02 | 51.82 -4.38 0.00 | 53.30 -3.10 0.00 | 54.84 -3.38 0.00 | 52.85 -3.19 0.00 | 48.74 -2.95 0.00 | 48.28 -3.52 0.00 | 49.03 -2.96 0.00 | 47.29 -2.38 0.00 | 39.54 -1.48 0.00 | 36.04 -3.70 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 30.86 -0.57 0.00 | 27.17 -0.58 0.00 | 24.49 -0.53 0.00 | 23.20 -0.47 0.00 | 25.49 -0.55 0.00 | 27.60 -0.59 0.00 | 33.54 -0.55 0.00 | 35.70 -0.43 -0.07 | 39.20 -0.27 -0.22 | 49.08 0.05 0.00 | 52.81 -0.27 -0.07 | 54.52 -0.16 0.00 | 52.45 0.05 -0.08 | 55.89 -0.17 -0.01 | 56.14 -0.06 0.00 | 56.85 0.45 0.00 | 58.63 0.41 0.00 | 56.60 0.56 0.00 | 52.10 0.41 0.00 | 51.90 0.10 0.00 | 52.15 0.16 0.00 | 49.97 0.30 0.00 | 41.27 0.25 0.00 | 39.26 -0.48 0.00 |

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| ONONDAGA___COGEN 23986 | 30.71 -0.72 0.00 | 27.03 -0.72 0.00 | 24.37 -0.65 0.00 | 23.05 -0.62 0.00 | 25.34 -0.70 0.00 | 27.46 -0.73 0.00 | 33.37 -0.72 0.00 | 35.44 -0.69 -0.07 | 38.85 -0.63 -0.23 | 48.54 -0.49 0.00 | 52.23 -0.85 -0.07 | 53.91 -0.77 0.00 | 51.88 -0.52 -0.08 | 55.22 -0.84 -0.01 | 55.53 -0.67 0.00 | 56.40 0.00 0.00 | 58.16 -0.06 0.00 | 56.15 0.11 0.00 | 51.74 0.05 0.00 | 51.59 -0.21 0.00 | 51.78 -0.21 0.00 | 49.62 -0.05 0.00 | 41.02 0.00 0.00 | 39.02 -0.72 0.00 |
| ONTARIO___LFGE 23819 | 29.98 -1.45 0.00 | 26.17 -1.58 0.00 | 23.57 -1.45 0.00 | 22.34 -1.33 0.00 | 24.50 -1.54 0.00 | 26.58 -1.61 0.00 | 32.39 -1.70 0.00 | 35.23 -1.01 -0.18 | 39.03 -0.79 -0.57 | 48.98 -0.05 0.00 | 52.34 -0.85 -0.18 | 54.08 -0.60 0.00 | 52.94 0.42 -0.20 | 55.90 -0.17 -0.02 | 56.03 -0.17 0.00 | 56.51 0.11 0.00 | 58.22 0.00 0.00 | 56.10 0.06 0.00 | 51.64 -0.05 0.00 | 51.18 -0.62 0.00 | 51.57 -0.42 0.00 | 49.47 -0.20 0.00 | 40.81 -0.21 0.00 | 38.03 -1.71 0.00 |
| OSWEGATCHIE___HYD 24044 | 31.18 -0.25 0.00 | 27.47 -0.28 0.00 | 24.79 -0.23 0.00 | 23.46 -0.21 0.00 | 25.73 -0.31 0.00 | 27.96 -0.23 0.00 | 33.95 -0.14 0.00 | 34.91 -1.15 0.00 | 38.03 -1.22 0.00 | 47.12 -1.91 0.00 | 51.37 -1.64 0.00 | 52.93 -1.75 0.00 | 50.54 -1.78 -1.74 | 54.31 -1.74 0.00 | 54.46 -1.74 0.00 | 54.37 -2.03 0.00 | 55.89 -2.33 0.00 | 53.97 -2.07 0.00 | 49.88 -1.81 0.00 | 50.14 -1.66 0.00 | 51.00 -0.99 0.00 | 48.53 -1.14 0.00 | 40.28 -0.74 0.00 | 39.46 -0.28 0.00 |
| OSWEGO___5 23606 | 30.58 -0.85 0.00 | 26.92 -0.83 0.00 | 24.27 -0.75 0.00 | 22.96 -0.71 0.00 | 25.23 -0.81 0.00 | 27.34 -0.85 0.00 | 33.14 -0.95 0.00 | 35.20 -0.90 -0.04 | 38.44 -0.94 -0.13 | 48.00 -1.03 0.00 | 51.67 -1.38 -0.04 | 53.37 -1.31 0.00 | 51.31 -1.05 -0.04 | 54.70 -1.35 0.00 | 54.91 -1.29 0.00 | 55.67 -0.73 0.00 | 57.46 -0.76 0.00 | 55.37 -0.67 0.00 | 51.02 -0.67 0.00 | 50.97 -0.83 0.00 | 51.21 -0.78 0.00 | 48.97 -0.70 0.00 | 40.49 -0.53 0.00 | 38.75 -0.99 0.00 |
| OSWEGO___6 23613 | 30.58 -0.85 0.00 | 26.92 -0.83 0.00 | 24.27 -0.75 0.00 | 22.96 -0.71 0.00 | 25.23 -0.81 0.00 | 27.34 -0.85 0.00 | 33.14 -0.95 0.00 | 35.20 -0.90 -0.04 | 38.44 -0.94 -0.13 | 48.00 -1.03 0.00 | 51.67 -1.38 -0.04 | 53.37 -1.31 0.00 | 51.31 -1.05 -0.04 | 54.70 -1.35 0.00 | 54.91 -1.29 0.00 | 55.67 -0.73 0.00 | 57.46 -0.76 0.00 | 55.37 -0.67 0.00 | 51.02 -0.67 0.00 | 50.97 -0.83 0.00 | 51.21 -0.78 0.00 | 48.97 -0.70 0.00 | 40.49 -0.53 0.00 | 38.75 -0.99 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 28.88 -2.55 0.00 | 25.03 -2.72 0.00 | 22.52 -2.50 0.00 | 21.35 -2.32 0.00 | 23.38 -2.66 0.00 | 25.46 -2.73 0.00 | 30.75 -3.34 0.00 | 34.61 -1.66 -0.21 | 38.09 -1.84 -0.68 | 47.36 -1.67 0.00 | 49.24 -3.98 -0.21 | 51.07 -3.61 0.00 | 51.25 -1.31 -0.24 | 53.10 -2.97 -0.02 | 53.00 -3.20 0.00 | 54.43 -1.97 0.00 | 55.95 -2.27 0.00 | 53.85 -2.19 0.00 | 49.67 -2.02 0.00 | 49.11 -2.69 0.00 | 49.96 -2.03 0.00 | 48.03 -1.64 0.00 | 40.45 -0.57 0.00 | 36.76 -2.98 0.00 |
| OXBOW___ 24026 | 28.79 -2.64 0.00 | 25.00 -2.75 0.00 | 22.49 -2.53 0.00 | 21.33 -2.34 0.00 | 23.36 -2.68 0.00 | 25.43 -2.76 0.00 | 30.65 -3.44 0.00 | 34.42 -1.84 -0.20 | 37.79 -2.12 -0.66 | 47.07 -1.96 0.00 | 48.98 -4.24 -0.21 | 50.80 -3.88 0.00 | 50.98 -1.57 -0.23 | 52.76 -3.31 -0.02 | 52.60 -3.60 0.00 | 54.14 -2.26 0.00 | 55.66 -2.56 0.00 | 53.63 -2.41 0.00 | 49.47 -2.22 0.00 | 48.95 -2.85 0.00 | 49.75 -2.24 0.00 | 47.88 -1.79 0.00 | 40.24 -0.78 0.00 | 36.64 -3.10 0.00 |
| PEEKSKILL___ 23653 | 34.10 2.14 -0.53 | 30.29 1.94 -0.60 | 27.15 1.63 -0.50 | 25.09 1.42 0.00 | 27.84 1.80 0.00 | 30.08 1.89 0.00 | 36.89 2.63 -0.17 | 40.80 3.28 -1.46 | 46.97 3.69 -4.03 | 53.92 4.85 -0.04 | 59.27 5.04 -1.22 | 60.15 5.47 0.00 | 59.36 5.65 -1.39 | 62.05 5.89 -0.11 | 62.10 5.90 0.00 | 62.27 5.87 0.00 | 64.39 6.17 0.00 | 61.70 5.66 0.00 | 57.01 5.32 0.00 | 56.88 5.08 0.00 | 56.82 4.83 0.00 | 54.59 4.92 0.00 | 45.62 3.86 -0.74 | 42.91 2.98 -0.19 |
| PGE MADISON___WINDPWR 24146 | 31.12 -0.31 0.00 | 27.22 -0.53 0.00 | 24.67 -0.35 0.00 | 23.41 -0.26 0.00 | 25.62 -0.42 0.00 | 27.68 -0.51 0.00 | 33.89 -0.20 0.00 | 36.86 0.36 -0.44 | 41.72 1.02 -1.45 | 51.43 2.40 0.00 | 55.58 2.12 -0.45 | 57.09 2.41 0.00 | 56.03 3.19 -0.52 | 58.95 2.86 -0.04 | 59.12 2.92 0.00 | 58.60 2.20 0.00 | 60.43 2.21 0.00 | 58.23 2.19 0.00 | 53.55 1.86 0.00 | 53.10 1.30 0.00 | 53.45 1.46 0.00 | 51.16 1.49 0.00 | 42.25 1.23 0.00 | 39.82 0.08 0.00 |
| PJM_GEN_KEystone 24065 | 25.33 -3.05 3.05 | 24.11 -3.41 0.23 | 19.96 -3.18 1.88 | 19.95 -3.01 0.71 | 21.43 -3.33 1.28 | 24.67 -3.52 0.00 | 30.54 -3.55 0.00 | 34.79 -1.66 -0.39 | 39.88 -0.63 -1.26 | 50.60 1.57 0.00 | 53.83 0.42 -0.40 | 55.50 0.82 0.00 | 55.70 2.93 -0.45 | 58.49 2.41 -0.03 | 58.50 2.30 0.00 | 58.32 1.92 0.00 | 60.08 1.86 0.00 | 57.83 1.79 0.00 | 53.19 1.50 0.00 | 52.01 0.21 0.00 | 52.61 0.62 0.00 | 50.32 0.65 0.00 | 40.86 -0.16 0.00 | 36.72 -3.02 0.00 |
| PLEASANTVLY___LBMP 24000 | 33.50 2.07 0.00 | 29.64 1.89 0.00 | 26.60 1.58 0.00 | 25.07 1.40 0.00 | 27.81 1.77 0.00 | 30.02 1.83 0.00 | 36.58 2.49 0.00 | 40.40 3.10 -1.24 | 46.77 3.45 -4.07 | 53.59 4.56 0.00 | 59.00 4.72 -1.27 | 59.77 5.09 0.00 | 59.05 5.28 -1.45 | 61.60 5.44 -0.11 | 61.65 5.45 0.00 | 61.81 5.41 0.00 | 63.87 5.65 0.00 | 61.31 5.27 0.00 | 56.65 4.96 0.00 | 56.51 4.71 0.00 | 56.51 4.52 0.00 | 54.24 4.57 0.00 | 44.63 3.61 0.00 | 42.56 2.82 0.00 |
| POLETTI___ 23519 | 51.30 2.64 -17.23 | 49.79 2.41 -19.63 | 43.57 2.08 -16.47 | 25.58 1.89 -0.02 | 28.33 2.29 0.00 | 30.61 2.42 0.00 | 43.02 3.24 -5.69 | 49.79 3.93 -9.80 | 51.30 4.32 -7.73 | 56.10 5.74 -1.33 | 60.07 5.83 -1.23 | 60.97 6.29 0.00 | 60.21 6.49 -1.40 | 63.00 6.84 -0.11 | 63.00 6.80 0.00 | 63.11 6.71 0.00 | 65.26 7.04 0.00 | 62.65 6.61 0.00 | 57.89 6.20 0.00 | 57.71 5.91 0.00 | 57.66 5.67 0.00 | 55.43 5.76 0.00 | 69.74 4.55 -24.17 | 49.80 3.66 -6.40 |
| PORT_JEFF_3 23555 | 54.57 2.99 -20.15 | 53.01 2.66 -22.60 | 51.86 2.28 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.10 2.51 -20.40 | 51.83 3.20 -14.54 | 54.12 3.53 -14.53 | 55.22 3.85 -12.12 | 56.31 4.90 -2.38 | 60.83 4.98 -2.84 | 67.40 5.47 -7.25 | 69.49 5.91 -11.26 | 71.87 6.11 -9.71 | 72.63 5.84 -10.59 | 78.08 5.81 -15.87 | 92.88 6.11 -28.55 | 74.33 5.60 -12.69 | 72.66 5.38 -15.59 | 70.45 5.28 -13.37 | 70.19 5.09 -13.11 | 72.00 5.17 -17.16 | 58.11 3.86 -13.23 | 55.46 3.30 -12.42 |
| PORT_JEFF_4 23616 | 54.57 2.99 -20.15 | 53.01 2.66 -22.60 | 51.86 2.28 -24.56 | 51.21 2.06 -25.48 | 51.51 2.50 -22.97 | 51.10 2.51 -20.40 | 51.80 3.17 -14.54 | 54.09 3.50 -14.53 | 55.22 3.85 -12.12 | 56.36 4.95 -2.38 | 60.89 5.04 -2.84 | 67.45 5.52 -7.25 | 69.49 5.91 -11.26 | 71.87 6.11 -9.71 | 72.63 5.84 -10.59 | 78.08 5.81 -15.87 | 92.88 6.11 -28.55 | 74.39 5.66 -12.69 | 72.66 5.38 -15.59 | 70.45 5.28 -13.37 | 70.19 5.09 -13.11 | 72.00 5.17 -17.16 | 58.11 3.86 -13.23 | 55.46 3.30 -12.42 |
| PORT_JEFF_IC 23713 | 54.69 3.11 -20.15 | 53.12 2.77 -22.60 | 51.96 2.38 -24.56 | 51.30 2.15 -25.48 | 51.61 2.60 -22.97 | 51.27 2.68 -20.40 | 52.04 3.41 -14.54 | 54.48 3.89 -14.53 | 55.65 4.28 -12.12 | 56.95 5.54 -2.38 | 61.52 5.67 -2.84 | 68.16 6.23 -7.25 | 70.22 6.64 -11.26 | 72.65 6.89 -9.71 | 73.20 6.41 -10.59 | 78.64 6.37 -15.87 | 93.41 6.64 -28.55 | 74.89 6.16 -12.69 | 73.12 5.84 -15.59 | 71.13 5.96 -13.37 | 70.87 5.77 -13.11 | 72.64 5.81 -17.16 | 58.56 4.31 -13.23 | 55.86 3.70 -12.42 |
| PPL PILGRIM_ST_GT1 24216 | 54.71 3.08 -20.20 | 53.15 2.77 -22.63 | 51.98 2.40 -24.56 | 51.33 2.18 -25.48 | 51.64 2.63 -22.97 | 51.38 2.79 -20.40 | 52.24 3.61 -14.54 | 54.91 4.26 -14.59 | 56.22 4.79 -12.18 | 57.77 6.28 -2.46 | 62.31 6.41 -2.89 | 69.01 7.05 -7.28 | 70.87 7.22 -11.33 | 72.76 6.89 -9.82 | 73.70 6.80 -10.70 | 79.12 6.77 -15.95 | 93.88 7.10 -28.56 | 75.50 6.67 -12.79 | 73.64 6.25 -15.70 | 71.19 5.96 -13.43 | 70.94 5.77 -13.18 | 72.75 5.91 -17.17 | 59.16 4.84 -13.30 | 56.26 4.05 -12.47 |

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| PPL PILGRIM_ST_GT2 24217 | 54.71 3.08 -20.20 | 53.15 2.77 -22.63 | 51.98 2.40 -24.56 | 51.33 2.18 -25.48 | 51.64 2.63 -22.97 | 51.38 2.79 -20.40 | 52.24 3.61 -14.54 | 54.91 4.26 -14.59 | 56.22 4.79 -12.18 | 57.77 6.28 -2.46 | 62.31 6.41 -2.89 | 69.01 7.05 -7.28 | 70.45 6.80 -11.33 | 72.76 6.89 -9.82 | 73.76 6.86 -10.70 | 79.12 6.77 -15.95 | 93.88 7.10 -28.56 | 75.50 6.67 -12.79 | 73.64 6.25 -15.70 | 71.19 5.96 -13.43 | 70.94 5.77 -13.18 | 73.20 6.36 -17.17 | 59.16 4.84 -13.30 | 56.26 4.05 -12.47 |
| PPL_SHRM_GT3 24213 | 54.79 3.21 -20.15 | 53.21 2.86 -22.60 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.14 3.51 -14.54 | 54.56 3.97 -14.53 | 55.84 4.47 -12.12 | 57.05 5.64 -2.38 | 61.57 5.72 -2.84 | 68.27 6.34 -7.25 | 70.33 6.75 -11.26 | 72.77 7.01 -9.71 | 73.65 6.86 -10.59 | 79.09 6.82 -15.87 | 93.93 7.16 -28.55 | 75.45 6.72 -12.69 | 73.59 6.31 -15.59 | 71.23 6.06 -13.37 | 70.97 5.87 -13.11 | 72.79 5.96 -17.16 | 58.80 4.55 -13.23 | 56.13 3.97 -12.42 |
| PPL_SHRM_GT4 24214 | 54.79 3.21 -20.15 | 53.21 2.86 -22.60 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.14 3.51 -14.54 | 54.56 3.97 -14.53 | 55.84 4.47 -12.12 | 57.05 5.64 -2.38 | 61.57 5.72 -2.84 | 68.27 6.34 -7.25 | 70.33 6.75 -11.26 | 72.77 7.01 -9.71 | 73.65 6.86 -10.59 | 79.09 6.82 -15.87 | 93.93 7.16 -28.55 | 75.45 6.72 -12.69 | 73.59 6.31 -15.59 | 71.23 6.06 -13.37 | 70.97 5.87 -13.11 | 72.79 5.96 -17.16 | 58.80 4.55 -13.23 | 56.13 3.97 -12.42 |
| PROJECT___ORANGE 23990 | 30.93 -0.50 0.00 | 27.20 -0.55 0.00 | 24.52 -0.50 0.00 | 23.22 -0.45 0.00 | 25.52 -0.52 0.00 | 27.65 -0.54 0.00 | 33.61 -0.48 0.00 | 35.75 -0.36 -0.05 | 39.18 -0.24 -0.17 | 49.08 0.05 0.00 | 52.85 -0.21 -0.05 | 54.57 -0.11 0.00 | 52.54 0.16 -0.06 | 55.88 -0.17 0.00 | 56.20 0.00 0.00 | 56.91 0.51 0.00 | 58.74 0.52 0.00 | 56.66 0.62 0.00 | 52.16 0.47 0.00 | 51.96 0.16 0.00 | 52.25 0.26 0.00 | 50.02 0.35 0.00 | 41.35 0.33 0.00 | 39.34 -0.40 0.00 |
| PROJECT___ORANGE 1 24174 | 30.93 -0.50 0.00 | 27.20 -0.55 0.00 | 24.52 -0.50 0.00 | 23.22 -0.45 0.00 | 25.52 -0.52 0.00 | 27.65 -0.54 0.00 | 33.61 -0.48 0.00 | 35.75 -0.36 -0.05 | 39.18 -0.24 -0.17 | 49.08 0.05 0.00 | 52.85 -0.21 -0.05 | 54.57 -0.11 0.00 | 52.54 0.16 -0.06 | 55.88 -0.17 0.00 | 56.20 0.00 0.00 | 56.91 0.51 0.00 | 58.74 0.52 0.00 | 56.66 0.62 0.00 | 52.16 0.47 0.00 | 51.96 0.16 0.00 | 52.25 0.26 0.00 | 50.02 0.35 0.00 | 41.35 0.33 0.00 | 39.34 -0.40 0.00 |
| PROJECT___ORANGE 2 24166 | 30.93 -0.50 0.00 | 27.20 -0.55 0.00 | 24.52 -0.50 0.00 | 23.22 -0.45 0.00 | 25.52 -0.52 0.00 | 27.65 -0.54 0.00 | 33.61 -0.48 0.00 | 35.75 -0.36 -0.05 | 39.18 -0.24 -0.17 | 49.08 0.05 0.00 | 52.85 -0.21 -0.05 | 54.57 -0.11 0.00 | 52.54 0.16 -0.06 | 55.88 -0.17 0.00 | 56.20 0.00 0.00 | 56.91 0.51 0.00 | 58.74 0.52 0.00 | 56.66 0.62 0.00 | 52.16 0.47 0.00 | 51.96 0.16 0.00 | 52.25 0.26 0.00 | 50.02 0.35 0.00 | 41.35 0.33 0.00 | 39.34 -0.40 0.00 |
| PYRITES___HYD 24023 | 31.02 -0.41 0.00 | 27.42 -0.33 0.00 | 24.74 -0.28 0.00 | 23.46 -0.21 0.00 | 25.68 -0.36 0.00 | 27.88 -0.31 0.00 | 33.78 -0.31 0.00 | 34.58 -1.48 0.00 | 37.64 -1.61 0.00 | 46.28 -2.75 0.00 | 50.78 -2.23 0.00 | 52.16 -2.52 0.00 | 49.55 -2.77 0.00 | 53.64 -2.41 0.00 | 53.73 -2.47 0.00 | 53.24 -3.16 0.00 | 54.61 -3.61 0.00 | 52.85 -3.19 0.00 | 48.74 -2.95 0.00 | 49.21 -2.59 0.00 | 50.22 -1.77 0.00 | 47.58 -2.09 0.00 | 39.50 -1.52 0.00 | 39.10 -0.64 0.00 |
| RANKINE____ 23646 | 28.76 -2.67 0.00 | 24.89 -2.86 0.00 | 22.39 -2.63 0.00 | 21.21 -2.46 0.00 | 23.25 -2.79 0.00 | 25.31 -2.88 0.00 | 30.68 -3.41 0.00 | 34.52 -1.77 -0.23 | 38.23 -1.77 -0.75 | 47.90 -1.13 0.00 | 50.12 -3.13 -0.24 | 51.89 -2.79 0.00 | 52.12 -0.47 -0.27 | 54.11 -1.96 -0.02 | 54.01 -2.19 0.00 | 55.16 -1.24 0.00 | 56.76 -1.46 0.00 | 54.64 -1.40 0.00 | 50.35 -1.34 0.00 | 49.73 -2.07 0.00 | 50.53 -1.46 0.00 | 48.53 -1.14 0.00 | 40.40 -0.62 0.00 | 36.64 -3.10 0.00 |
| RAVENS GT4-7____ 23728 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWD GT2____ 23730 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWD GT3____ 23733 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT2_1 24244 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT2_2 24245 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT2_3 24246 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT2_4 24247 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT3_1 24248 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |

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| RAVENSWOOD_GT3_2 24249 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT3_3 24250 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT3_4 24251 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT_1 23729 | 64.66 2.86 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.65 1.96 -0.02 | 28.45 2.40 -0.01 | 44.20 2.54 -13.47 | 61.60 3.37 -24.14 | 68.49 4.18 -28.25 | 75.55 4.63 -31.67 | 116.51 6.13 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.39 6.91 -57.16 | 95.70 7.23 -32.42 | 115.03 7.25 -51.58 | 116.46 7.11 -52.95 | 116.60 7.45 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.70 6.16 -19.87 | 75.52 4.84 -29.66 | 69.26 3.89 -25.63 |
| RAVENSWOOD_GT_10 24258 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT_11 24259 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT_4 24252 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT_5 24254 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT_6 24253 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT_7 24255 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD_GT_9 24257 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD___1 23533 | 64.66 2.86 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.65 1.96 -0.02 | 28.45 2.40 -0.01 | 44.20 2.54 -13.47 | 61.60 3.37 -24.14 | 68.49 4.18 -28.25 | 75.55 4.63 -31.67 | 116.51 6.13 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.39 6.91 -57.16 | 95.70 7.23 -32.42 | 115.03 7.25 -51.58 | 116.46 7.11 -52.95 | 116.60 7.45 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.70 6.16 -19.87 | 75.52 4.84 -29.66 | 69.26 3.89 -25.63 |
| RAVENSWOOD___2 23534 | 64.50 2.70 -30.37 | 61.01 2.53 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.14 2.48 -13.47 | 61.50 3.27 -24.14 | 68.28 3.97 -28.25 | 75.36 4.44 -31.67 | 116.26 5.88 -61.35 | 74.63 5.94 -15.68 | 116.10 6.40 -55.02 | 116.07 6.59 -57.16 | 95.31 6.84 -32.42 | 114.64 6.86 -51.58 | 116.12 6.77 -52.95 | 116.19 7.04 -50.93 | 99.11 6.72 -36.35 | 102.35 6.31 -44.35 | 72.09 5.96 -14.33 | 72.24 5.72 -14.53 | 75.45 5.91 -19.87 | 75.32 4.64 -29.66 | 69.07 3.70 -25.63 |
| RAVENSWOOD___3 23535 | 55.28 2.70 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.54 1.85 -0.02 | 28.31 2.27 0.00 | 30.59 2.40 0.00 | 44.27 3.20 -6.98 | 51.78 3.97 -11.75 | 52.28 4.44 -8.59 | 56.50 5.83 -1.64 | 60.07 5.83 -1.23 | 60.97 6.29 0.00 | 60.21 6.49 -1.40 | 63.00 6.84 -0.11 | 63.00 6.80 0.00 | 63.00 6.60 0.00 | 65.15 6.93 0.00 | 62.65 6.61 0.00 | 57.94 6.25 0.00 | 57.76 5.96 0.00 | 57.66 5.67 0.00 | 55.53 5.86 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RAVENSWOOD___4 23820 | 64.66 2.86 -30.37 | 61.06 2.58 -30.73 | 47.42 2.18 -20.22 | 25.65 1.96 -0.02 | 28.45 2.40 -0.01 | 44.20 2.54 -13.47 | 61.60 3.37 -24.14 | 68.46 4.15 -28.25 | 75.55 4.63 -31.67 | 116.51 6.13 -61.35 | 74.94 6.25 -15.68 | 116.43 6.73 -55.02 | 116.39 6.91 -57.16 | 95.70 7.23 -32.42 | 115.03 7.25 -51.58 | 116.46 7.11 -52.95 | 116.60 7.45 -50.93 | 99.45 7.06 -36.35 | 102.66 6.62 -44.35 | 72.45 6.32 -14.33 | 72.60 6.08 -14.53 | 75.70 6.16 -19.87 | 75.52 4.84 -29.66 | 69.26 3.89 -25.63 |

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| RAVNSWD 8-11____ 23667 | 55.31 2.73 -21.15 | 54.27 2.44 -24.08 | 47.32 2.08 -20.22 | 25.56 1.87 -0.02 | 28.33 2.29 0.00 | 30.59 2.40 0.00 | 44.31 3.24 -6.98 | 51.81 4.00 -11.75 | 52.31 4.47 -8.59 | 56.55 5.88 -1.64 | 60.23 5.99 -1.23 | 61.13 6.45 0.00 | 60.36 6.64 -1.40 | 63.11 6.95 -0.11 | 63.17 6.97 0.00 | 63.22 6.82 0.00 | 65.38 7.16 0.00 | 62.82 6.78 0.00 | 58.05 6.36 0.00 | 57.86 6.06 0.00 | 57.81 5.82 0.00 | 55.58 5.91 0.00 | 75.36 4.68 -29.66 | 51.33 3.74 -7.85 |
| RCPL_TRUST____DRP 24196 | 47.18 2.77 -12.98 | 45.01 2.47 -14.79 | 39.53 2.10 -12.41 | 25.57 1.89 -0.01 | 28.36 2.32 0.00 | 30.61 2.42 0.00 | 41.65 3.27 -4.29 | 47.78 4.04 -7.68 | 50.56 4.51 -6.80 | 56.01 5.98 -1.00 | 60.39 6.15 -1.23 | 61.24 6.56 0.00 | 60.52 6.80 -1.40 | 63.28 7.12 -0.11 | 63.34 7.14 0.00 | 63.39 6.99 0.00 | 65.56 7.34 0.00 | 62.99 6.95 0.00 | 58.15 6.46 0.00 | 57.96 6.16 0.00 | 57.92 5.93 0.00 | 55.68 6.01 0.00 | 63.99 4.76 -18.21 | 48.33 3.77 -4.82 |
| RENSSELAER____COGEN 23796 | 33.35 1.92 0.00 | 29.41 1.66 0.00 | 26.50 1.48 0.00 | 25.02 1.35 0.00 | 27.65 1.61 0.00 | 29.85 1.66 0.00 | 36.17 2.08 0.00 | 39.83 2.27 -1.50 | 46.84 2.67 -4.92 | 52.56 3.53 0.00 | 58.26 3.71 -1.54 | 58.56 3.88 0.00 | 58.10 4.03 -1.75 | 60.33 4.15 -0.13 | 60.36 4.16 0.00 | 60.40 4.00 0.00 | 62.47 4.25 0.00 | 60.02 3.98 0.00 | 55.36 3.67 0.00 | 55.32 3.52 0.00 | 55.42 3.43 0.00 | 53.10 3.43 0.00 | 43.69 2.67 0.00 | 42.12 2.38 0.00 |
| REVERE_CPPR_DRP 24186 | 32.03 0.60 0.00 | 28.14 0.39 0.00 | 25.40 0.38 0.00 | 24.00 0.33 0.00 | 26.40 0.36 0.00 | 28.61 0.42 0.00 | 34.87 0.78 0.00 | 36.67 0.61 0.00 | 40.15 0.90 0.00 | 50.40 1.37 0.00 | 54.39 1.38 0.00 | 56.21 1.53 0.00 | 54.05 1.73 0.00 | 57.62 1.57 0.00 | 57.77 1.57 0.00 | 58.15 1.75 0.00 | 59.97 1.75 0.00 | 57.72 1.68 0.00 | 53.19 1.50 0.00 | 53.15 1.35 0.00 | 53.45 1.46 0.00 | 51.11 1.44 0.00 | 42.37 1.35 0.00 | 40.73 0.99 0.00 |
| ROCHESTER_9_IC 23652 | 30.96 -0.47 0.00 | 26.95 -0.80 0.00 | 24.29 -0.73 0.00 | 23.03 -0.64 0.00 | 25.23 -0.81 0.00 | 27.43 -0.76 0.00 | 33.24 -0.85 0.00 | 36.31 0.11 -0.14 | 39.62 -0.08 -0.45 | 49.23 0.20 0.00 | 52.57 -0.58 -0.14 | 54.41 -0.27 0.00 | 53.32 0.84 -0.16 | 56.12 0.06 -0.01 | 56.14 -0.06 0.00 | 57.25 0.85 0.00 | 58.98 0.76 0.00 | 56.71 0.67 0.00 | 52.16 0.47 0.00 | 51.75 -0.05 0.00 | 52.20 0.21 0.00 | 50.07 0.40 0.00 | 41.72 0.70 0.00 | 39.22 -0.52 0.00 |
| ROSETON____1 23587 | 33.35 1.92 0.00 | 29.53 1.78 0.00 | 26.50 1.48 0.00 | 24.97 1.30 0.00 | 27.71 1.67 0.00 | 29.91 1.72 0.00 | 36.44 2.35 0.00 | 40.22 2.96 -1.20 | 46.47 3.30 -3.92 | 53.44 4.41 0.00 | 58.75 4.51 -1.23 | 59.55 4.87 0.00 | 58.74 5.02 -1.40 | 61.37 5.21 -0.11 | 61.43 5.23 0.00 | 61.59 5.19 0.00 | 63.63 5.41 0.00 | 61.08 5.04 0.00 | 56.45 4.76 0.00 | 56.31 4.51 0.00 | 56.31 4.32 0.00 | 54.04 4.37 0.00 | 44.47 3.45 0.00 | 42.40 2.66 0.00 |
| ROSETON____2 23588 | 33.35 1.92 0.00 | 29.53 1.78 0.00 | 26.50 1.48 0.00 | 24.97 1.30 0.00 | 27.71 1.67 0.00 | 29.91 1.72 0.00 | 36.44 2.35 0.00 | 40.22 2.96 -1.20 | 46.47 3.30 -3.92 | 53.44 4.41 0.00 | 58.75 4.51 -1.23 | 59.55 4.87 0.00 | 58.74 5.02 -1.40 | 61.37 5.21 -0.11 | 61.43 5.23 0.00 | 61.59 5.19 0.00 | 63.63 5.41 0.00 | 61.08 5.04 0.00 | 56.45 4.76 0.00 | 56.31 4.51 0.00 | 56.31 4.32 0.00 | 54.04 4.37 0.00 | 44.47 3.45 0.00 | 42.40 2.66 0.00 |
| RUSSELL____STATION 23914 | 31.05 -0.38 0.00 | 27.00 -0.75 0.00 | 24.39 -0.63 0.00 | 23.10 -0.57 0.00 | 25.34 -0.70 0.00 | 27.49 -0.70 0.00 | 33.31 -0.78 0.00 | 36.34 0.14 -0.14 | 39.62 -0.08 -0.45 | 48.74 -0.29 0.00 | 52.04 -1.11 -0.14 | 53.86 -0.82 0.00 | 52.79 0.31 -0.16 | 55.56 -0.50 -0.01 | 55.58 -0.62 0.00 | 56.68 0.28 0.00 | 58.39 0.17 0.00 | 56.10 0.06 0.00 | 51.59 -0.10 0.00 | 51.23 -0.57 0.00 | 51.63 -0.36 0.00 | 49.52 -0.15 0.00 | 41.35 0.33 0.00 | 39.18 -0.56 0.00 |
| S SALMON____HYD 24043 | 30.99 -0.44 0.00 | 27.25 -0.50 0.00 | 24.57 -0.45 0.00 | 23.24 -0.43 0.00 | 25.55 -0.49 0.00 | 27.71 -0.48 0.00 | 33.72 -0.37 0.00 | 35.56 -0.54 -0.04 | 38.87 -0.51 -0.13 | 48.64 -0.39 0.00 | 52.41 -0.64 -0.04 | 54.13 -0.55 0.00 | 52.11 -0.26 -0.05 | 55.49 -0.56 0.00 | 55.69 -0.51 0.00 | 56.34 -0.06 0.00 | 58.10 -0.12 0.00 | 56.04 0.00 0.00 | 51.59 -0.10 0.00 | 51.54 -0.26 0.00 | 51.83 -0.16 0.00 | 49.62 -0.05 0.00 | 41.14 0.12 0.00 | 39.42 -0.32 0.00 |
| SELKIRK____II 23799 | 32.53 1.10 0.00 | 28.75 1.00 0.00 | 25.92 0.90 0.00 | 24.45 0.78 0.00 | 27.03 0.99 0.00 | 29.18 0.99 0.00 | 35.35 1.26 0.00 | 39.00 1.44 -1.50 | 45.87 1.73 -4.89 | 51.33 2.30 0.00 | 56.93 2.39 -1.53 | 57.20 2.52 0.00 | 56.68 2.62 -1.74 | 58.81 2.63 -0.13 | 58.84 2.64 0.00 | 58.94 2.54 0.00 | 60.96 2.74 0.00 | 58.56 2.52 0.00 | 54.07 2.38 0.00 | 54.08 2.28 0.00 | 54.17 2.18 0.00 | 51.91 2.24 0.00 | 42.74 1.72 0.00 | 41.17 1.43 0.00 |
| SELKIRK____I 23801 | 32.94 1.51 0.00 | 29.11 1.36 0.00 | 26.22 1.20 0.00 | 24.74 1.07 0.00 | 27.34 1.30 0.00 | 29.54 1.35 0.00 | 35.79 1.70 0.00 | 39.53 1.98 -1.49 | 46.41 2.28 -4.88 | 52.12 3.09 0.00 | 57.72 3.18 -1.53 | 58.02 3.34 0.00 | 57.51 3.45 -1.74 | 59.77 3.59 -0.13 | 59.74 3.54 0.00 | 59.84 3.44 0.00 | 61.89 3.67 0.00 | 59.46 3.42 0.00 | 54.89 3.20 0.00 | 54.86 3.06 0.00 | 54.95 2.96 0.00 | 52.65 2.98 0.00 | 43.36 2.34 0.00 | 41.69 1.95 0.00 |
| SENECA OSWGO____HYD 24041 | 30.64 -0.79 0.00 | 26.97 -0.78 0.00 | 24.32 -0.70 0.00 | 23.01 -0.66 0.00 | 25.31 -0.73 0.00 | 27.43 -0.76 0.00 | 33.31 -0.78 0.00 | 35.35 -0.76 -0.05 | 38.65 -0.75 -0.15 | 48.39 -0.64 0.00 | 52.11 -0.95 -0.05 | 53.81 -0.87 0.00 | 51.69 -0.68 -0.05 | 55.10 -0.95 0.00 | 55.36 -0.84 0.00 | 56.17 -0.23 0.00 | 57.93 -0.29 0.00 | 55.87 -0.17 0.00 | 51.43 -0.26 0.00 | 51.33 -0.47 0.00 | 51.57 -0.42 0.00 | 49.37 -0.30 0.00 | 40.81 -0.21 0.00 | 38.95 -0.79 0.00 |
| SENECA____ENERGY 23797 | 30.14 -1.29 0.00 | 26.36 -1.39 0.00 | 23.77 -1.25 0.00 | 22.51 -1.16 0.00 | 24.71 -1.33 0.00 | 26.78 -1.41 0.00 | 32.62 -1.47 0.00 | 35.19 -1.01 -0.14 | 38.84 -0.86 -0.45 | 48.64 -0.39 0.00 | 52.14 -1.01 -0.14 | 53.81 -0.87 0.00 | 52.38 -0.10 -0.16 | 55.44 -0.62 -0.01 | 55.69 -0.51 0.00 | 56.34 -0.06 0.00 | 58.05 -0.17 0.00 | 55.98 -0.06 0.00 | 51.53 -0.16 0.00 | 51.13 -0.67 0.00 | 51.52 -0.47 0.00 | 49.37 -0.30 0.00 | 40.77 -0.25 0.00 | 38.23 -1.51 0.00 |
| SHOEMAKER____GT 23640 | 32.91 1.48 0.00 | 29.17 1.42 0.00 | 26.15 1.13 0.00 | 24.66 0.99 0.00 | 27.37 1.33 0.00 | 29.54 1.35 0.00 | 35.96 1.87 0.00 | 39.66 2.49 -1.11 | 45.70 2.83 -3.62 | 52.85 3.82 0.00 | 58.06 3.92 -1.13 | 58.89 4.21 0.00 | 58.06 4.45 -1.29 | 60.75 4.60 -0.10 | 60.81 4.61 0.00 | 60.91 4.51 0.00 | 62.94 4.72 0.00 | 60.41 4.37 0.00 | 55.77 4.08 0.00 | 55.69 3.89 0.00 | 55.73 3.74 0.00 | 53.44 3.77 0.00 | 43.93 2.91 0.00 | 41.89 2.15 0.00 |
| SHOREHAM_IC_1 23715 | 54.79 3.21 -20.15 | 53.21 2.86 -22.60 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.14 3.51 -14.54 | 54.56 3.97 -14.53 | 55.84 4.47 -12.12 | 57.05 5.64 -2.38 | 61.57 5.72 -2.84 | 68.27 6.34 -7.25 | 70.33 6.75 -11.26 | 72.77 7.01 -9.71 | 73.65 6.86 -10.59 | 79.09 6.82 -15.87 | 93.93 7.16 -28.55 | 75.45 6.72 -12.69 | 73.59 6.31 -15.59 | 71.23 6.06 -13.37 | 70.97 5.87 -13.11 | 72.79 5.96 -17.16 | 58.80 4.55 -13.23 | 56.13 3.97 -12.42 |
| SHOREHAM_IC_2 23716 | 54.79 3.21 -20.15 | 53.21 2.86 -22.60 | 52.01 2.43 -24.56 | 51.35 2.20 -25.48 | 51.67 2.66 -22.97 | 51.35 2.76 -20.40 | 52.14 3.51 -14.54 | 54.56 3.97 -14.53 | 55.84 4.47 -12.12 | 57.05 5.64 -2.38 | 61.57 5.72 -2.84 | 68.27 6.34 -7.25 | 70.33 6.75 -11.26 | 72.77 7.01 -9.71 | 73.65 6.86 -10.59 | 79.09 6.82 -15.87 | 93.93 7.16 -28.55 | 75.45 6.72 -12.69 | 73.59 6.31 -15.59 | 71.23 6.06 -13.37 | 70.97 5.87 -13.11 | 72.79 5.96 -17.16 | 58.80 4.55 -13.23 | 56.13 3.97 -12.42 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| SISSONVILLE____ 23735 | 30.71 -0.72 0.00 | 27.17 -0.58 0.00 | 24.52 -0.50 0.00 | 23.24 -0.43 0.00 | 25.44 -0.60 0.00 | 27.63 -0.56 0.00 | 33.41 -0.68 0.00 | 34.11 -1.95 0.00 | 37.09 -2.16 0.00 | 45.55 -3.48 0.00 | 49.94 -3.07 0.00 | 51.34 -3.34 0.00 | 48.71 -3.61 0.00 | 52.80 -3.25 0.00 | 52.88 -3.32 0.00 | 52.45 -3.95 0.00 | 53.85 -4.37 0.00 | 52.12 -3.92 0.00 | 48.07 -3.62 0.00 | 48.54 -3.26 0.00 | 49.75 -2.24 0.00 | 47.14 -2.53 0.00 | 39.05 -1.97 0.00 | 38.67 -1.07 0.00 |
| SITHE_IND_GS1 24169 | 30.46 -0.97 0.00 | 26.81 -0.94 0.00 | 24.17 -0.85 0.00 | 22.87 -0.80 0.00 | 25.15 -0.89 0.00 | 27.23 -0.96 0.00 | 33.00 -1.09 0.00 | 35.05 -1.05 -0.04 | 38.23 -1.14 -0.12 | 47.76 -1.27 0.00 | 51.46 -1.59 -0.04 | 53.09 -1.59 0.00 | 51.05 -1.31 -0.04 | 54.42 -1.63 0.00 | 54.63 -1.57 0.00 | 55.33 -1.07 0.00 | 57.11 -1.11 0.00 | 55.03 -1.01 0.00 | 50.71 -0.98 0.00 | 50.66 -1.14 0.00 | 50.90 -1.09 0.00 | 48.73 -0.94 0.00 | 40.28 -0.74 0.00 | 38.59 -1.15 0.00 |
| SITHE_IND_GS2 24170 | 30.46 -0.97 0.00 | 26.81 -0.94 0.00 | 24.17 -0.85 0.00 | 22.87 -0.80 0.00 | 25.15 -0.89 0.00 | 27.23 -0.96 0.00 | 33.00 -1.09 0.00 | 35.05 -1.05 -0.04 | 38.23 -1.14 -0.12 | 47.76 -1.27 0.00 | 51.46 -1.59 -0.04 | 53.09 -1.59 0.00 | 51.05 -1.31 -0.04 | 54.42 -1.63 0.00 | 54.63 -1.57 0.00 | 55.33 -1.07 0.00 | 57.11 -1.11 0.00 | 55.03 -1.01 0.00 | 50.71 -0.98 0.00 | 50.66 -1.14 0.00 | 50.90 -1.09 0.00 | 48.73 -0.94 0.00 | 40.28 -0.74 0.00 | 38.59 -1.15 0.00 |
| SITHE_IND_GS3 24171 | 30.46 -0.97 0.00 | 26.81 -0.94 0.00 | 24.17 -0.85 0.00 | 22.87 -0.80 0.00 | 25.15 -0.89 0.00 | 27.23 -0.96 0.00 | 33.00 -1.09 0.00 | 35.05 -1.05 -0.04 | 38.23 -1.14 -0.12 | 47.76 -1.27 0.00 | 51.46 -1.59 -0.04 | 53.09 -1.59 0.00 | 51.05 -1.31 -0.04 | 54.42 -1.63 0.00 | 54.63 -1.57 0.00 | 55.33 -1.07 0.00 | 57.11 -1.11 0.00 | 55.03 -1.01 0.00 | 50.71 -0.98 0.00 | 50.66 -1.14 0.00 | 50.90 -1.09 0.00 | 48.73 -0.94 0.00 | 40.28 -0.74 0.00 | 38.59 -1.15 0.00 |
| SITHE_IND_GS4 24172 | 30.46 -0.97 0.00 | 26.81 -0.94 0.00 | 24.17 -0.85 0.00 | 22.87 -0.80 0.00 | 25.15 -0.89 0.00 | 27.23 -0.96 0.00 | 33.00 -1.09 0.00 | 35.05 -1.05 -0.04 | 38.23 -1.14 -0.12 | 47.76 -1.27 0.00 | 51.46 -1.59 -0.04 | 53.09 -1.59 0.00 | 51.05 -1.31 -0.04 | 54.42 -1.63 0.00 | 54.63 -1.57 0.00 | 55.33 -1.07 0.00 | 57.11 -1.11 0.00 | 55.03 -1.01 0.00 | 50.71 -0.98 0.00 | 50.66 -1.14 0.00 | 50.90 -1.09 0.00 | 48.73 -0.94 0.00 | 40.28 -0.74 0.00 | 38.59 -1.15 0.00 |
| SITHE____BATAVIA 24024 | 30.02 -1.41 0.00 | 26.03 -1.72 0.00 | 23.42 -1.60 0.00 | 22.20 -1.47 0.00 | 24.32 -1.72 0.00 | 26.50 -1.69 0.00 | 32.04 -2.05 0.00 | 35.98 -0.25 -0.17 | 39.42 -0.39 -0.56 | 49.32 0.29 0.00 | 52.01 -1.17 -0.17 | 53.86 -0.82 0.00 | 53.57 1.05 -0.20 | 55.85 -0.22 -0.02 | 55.75 -0.45 0.00 | 57.08 0.68 0.00 | 58.74 0.52 0.00 | 56.54 0.50 0.00 | 52.05 0.36 0.00 | 51.54 -0.26 0.00 | 52.15 0.16 0.00 | 50.17 0.50 0.00 | 41.84 0.82 0.00 | 38.55 -1.19 0.00 |
| SITHE____INDEPEND 23800 | 30.46 -0.97 0.00 | 26.81 -0.94 0.00 | 24.17 -0.85 0.00 | 22.87 -0.80 0.00 | 25.15 -0.89 0.00 | 27.23 -0.96 0.00 | 33.00 -1.09 0.00 | 35.05 -1.05 -0.04 | 38.23 -1.14 -0.12 | 47.76 -1.27 0.00 | 51.46 -1.59 -0.04 | 53.09 -1.59 0.00 | 51.05 -1.31 -0.04 | 54.42 -1.63 0.00 | 54.63 -1.57 0.00 | 55.33 -1.07 0.00 | 57.11 -1.11 0.00 | 55.03 -1.01 0.00 | 50.71 -0.98 0.00 | 50.66 -1.14 0.00 | 50.90 -1.09 0.00 | 48.73 -0.94 0.00 | 40.28 -0.74 0.00 | 38.59 -1.15 0.00 |
| SITHE____MASSENA 23902 | 30.68 -0.75 0.00 | 27.17 -0.58 0.00 | 24.52 -0.50 0.00 | 23.24 -0.43 0.00 | 25.44 -0.60 0.00 | 27.63 -0.56 0.00 | 33.31 -0.78 0.00 | 34.87 -1.19 0.00 | 37.88 -1.37 0.00 | 46.53 -2.50 0.00 | 51.00 -2.01 0.00 | 52.38 -2.30 0.00 | 49.49 -2.83 0.00 | 53.70 -2.35 0.00 | 53.78 -2.42 0.00 | 53.35 -3.05 0.00 | 54.78 -3.44 0.00 | 53.01 -3.03 0.00 | 48.90 -2.79 0.00 | 49.31 -2.49 0.00 | 49.70 -2.29 0.00 | 47.09 -2.58 0.00 | 38.97 -2.05 0.00 | 38.59 -1.15 0.00 |
| SITHE____OGDNSBRG 24021 | 30.96 -0.47 0.00 | 27.39 -0.36 0.00 | 24.74 -0.28 0.00 | 23.46 -0.21 0.00 | 25.65 -0.39 0.00 | 27.88 -0.31 0.00 | 33.72 -0.37 0.00 | 34.98 -1.08 0.00 | 38.03 -1.22 0.00 | 46.77 -2.26 0.00 | 51.31 -1.70 0.00 | 52.71 -1.97 0.00 | 49.91 -2.41 0.00 | 54.09 -1.96 0.00 | 54.12 -2.08 0.00 | 53.64 -2.76 0.00 | 54.96 -3.26 0.00 | 53.24 -2.80 0.00 | 49.11 -2.58 0.00 | 49.52 -2.28 0.00 | 50.07 -1.92 0.00 | 47.39 -2.28 0.00 | 39.30 -1.72 0.00 | 38.99 -0.75 0.00 |
| SITHE____STERLING 23777 | 31.78 0.35 0.00 | 27.94 0.19 0.00 | 25.20 0.18 0.00 | 23.84 0.17 0.00 | 26.20 0.16 0.00 | 28.42 0.23 0.00 | 34.57 0.48 0.00 | 36.49 0.43 0.00 | 39.88 0.63 0.00 | 50.11 1.08 0.00 | 54.07 1.06 0.00 | 55.83 1.15 0.00 | 53.68 1.36 0.00 | 57.23 1.18 0.00 | 57.44 1.24 0.00 | 57.87 1.47 0.00 | 59.68 1.46 0.00 | 57.50 1.46 0.00 | 52.93 1.24 0.00 | 52.89 1.09 0.00 | 53.13 1.14 0.00 | 50.81 1.14 0.00 | 42.09 1.07 0.00 | 40.38 0.64 0.00 |
| SOUTH CAIRO____GT 23612 | 32.03 0.60 0.00 | 28.61 0.86 0.00 | 25.47 0.45 0.00 | 24.03 0.36 0.00 | 26.85 0.81 0.00 | 28.95 0.76 0.00 | 35.11 1.02 0.00 | 38.99 1.59 -1.34 | 45.45 1.81 -4.39 | 51.53 2.50 0.00 | 56.92 2.54 -1.37 | 57.52 2.84 0.00 | 56.86 2.98 -1.56 | 59.31 3.14 -0.12 | 59.35 3.15 0.00 | 59.45 3.05 0.00 | 61.48 3.26 0.00 | 59.01 2.97 0.00 | 54.38 2.69 0.00 | 54.39 2.59 0.00 | 54.43 2.44 0.00 | 52.05 2.38 0.00 | 42.78 1.76 0.00 | 40.81 1.07 0.00 |
| SOUTH HAMPTN____IC 23720 | 55.76 4.18 -20.15 | 53.99 3.64 -22.60 | 52.68 3.10 -24.56 | 51.97 2.82 -25.48 | 52.34 3.33 -22.97 | 52.14 3.55 -20.40 | 53.20 4.57 -14.54 | 56.14 5.55 -14.53 | 57.81 6.44 -12.12 | 59.84 8.43 -2.38 | 64.65 8.80 -2.84 | 71.55 9.62 -7.25 | 73.63 10.05 -11.26 | 76.35 10.59 -9.71 | 77.30 10.51 -10.59 | 82.76 10.49 -15.87 | 97.66 10.89 -28.55 | 79.04 10.31 -12.69 | 76.84 9.56 -15.59 | 74.34 9.17 -13.37 | 74.15 9.05 -13.11 | 75.77 8.94 -17.16 | 60.94 6.69 -13.23 | 57.80 5.64 -12.42 |
| SOUTHOLD____IC 23719 | 56.14 4.56 -20.15 | 54.29 3.94 -22.60 | 52.93 3.35 -24.56 | 52.20 3.05 -25.48 | 52.60 3.59 -22.97 | 52.42 3.83 -20.40 | 53.61 4.98 -14.54 | 56.61 6.02 -14.53 | 58.44 7.07 -12.12 | 60.68 9.27 -2.38 | 65.66 9.81 -2.84 | 72.59 10.66 -7.25 | 74.72 11.14 -11.26 | 77.53 11.77 -9.71 | 78.48 11.69 -10.59 | 83.95 11.68 -15.87 | 98.94 12.17 -28.55 | 80.27 11.54 -12.69 | 77.88 10.60 -15.59 | 75.32 10.15 -13.37 | 75.19 10.09 -13.11 | 76.71 9.88 -17.16 | 61.59 7.34 -13.23 | 58.32 6.16 -12.42 |
| ST LAWRENCE____ 23600 | 30.61 -0.82 0.00 | 27.11 -0.64 0.00 | 24.49 -0.53 0.00 | 23.22 -0.45 0.00 | 25.42 -0.62 0.00 | 27.57 -0.62 0.00 | 33.20 -0.89 0.00 | 34.83 -1.23 0.00 | 37.84 -1.41 0.00 | 46.53 -2.50 0.00 | 50.94 -2.07 0.00 | 52.33 -2.35 0.00 | 49.39 -2.93 0.00 | 53.58 -2.47 0.00 | 53.67 -2.53 0.00 | 53.24 -3.16 0.00 | 54.78 -3.44 0.00 | 52.90 -3.14 0.00 | 48.85 -2.84 0.00 | 49.26 -2.54 0.00 | 49.55 -2.44 0.00 | 46.94 -2.73 0.00 | 38.80 -2.22 0.00 | 38.47 -1.27 0.00 |
| STATION 5_MISC_HYD 23604 | 32.97 1.54 0.00 | 28.58 0.83 0.00 | 25.77 0.75 0.00 | 24.43 0.76 0.00 | 26.77 0.73 0.00 | 29.12 0.93 0.00 | 35.42 1.33 0.00 | 38.71 2.52 -0.13 | 42.47 2.79 -0.43 | 53.05 4.02 0.00 | 56.81 3.66 -0.14 | 58.78 4.10 0.00 | 57.65 5.18 -0.15 | 60.77 4.71 -0.01 | 60.81 4.61 0.00 | 61.81 5.41 0.00 | 63.63 5.41 0.00 | 61.14 5.10 0.00 | 56.19 4.50 0.00 | 55.69 3.89 0.00 | 56.10 4.11 0.00 | 53.74 4.07 0.00 | 44.55 3.53 0.00 | 41.81 2.07 0.00 |
| STURGEON_POOL_HYD 23609 | 32.59 1.16 0.00 | 29.08 1.33 0.00 | 25.92 0.90 0.00 | 24.43 0.76 0.00 | 27.26 1.22 0.00 | 29.40 1.21 0.00 | 35.83 1.74 0.00 | 39.79 2.49 -1.24 | 45.96 2.67 -4.04 | 52.66 3.63 0.00 | 57.94 3.66 -1.27 | 58.73 4.05 0.00 | 58.00 4.24 -1.44 | 60.59 4.43 -0.11 | 60.64 4.44 0.00 | 60.74 4.34 0.00 | 62.82 4.60 0.00 | 60.30 4.26 0.00 | 55.67 3.98 0.00 | 55.58 3.78 0.00 | 55.53 3.54 0.00 | 53.25 3.58 0.00 | 43.81 2.79 0.00 | 41.61 1.87 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SYRACUSE___POWER 24017 | 30.86 -0.57 0.00 | 27.17 -0.58 0.00 | 24.49 -0.53 0.00 | 23.20 -0.47 0.00 | 25.49 -0.55 0.00 | 27.60 -0.59 0.00 | 33.54 -0.55 0.00 | 35.70 -0.43 -0.07 | 39.20 -0.27 -0.22 | 49.08 0.05 0.00 | 52.81 -0.27 -0.07 | 54.52 -0.16 0.00 | 52.45 0.05 -0.08 | 55.89 -0.17 -0.01 | 56.14 -0.06 0.00 | 56.85 0.45 0.00 | 58.63 0.41 0.00 | 56.60 0.56 0.00 | 52.10 0.41 0.00 | 51.90 0.10 0.00 | 52.15 0.16 0.00 | 49.97 0.30 0.00 | 41.27 0.25 0.00 | 39.26 -0.48 0.00 |
| Stony___Brook 24151 | 54.69 3.11 -20.15 | 53.12 2.77 -22.60 | 51.96 2.38 -24.56 | 51.30 2.15 -25.48 | 51.61 2.60 -22.97 | 51.27 2.68 -20.40 | 52.04 3.41 -14.54 | 54.48 3.89 -14.53 | 55.65 4.28 -12.12 | 56.95 5.54 -2.38 | 61.52 5.67 -2.84 | 68.16 6.23 -7.25 | 70.22 6.64 -11.26 | 72.65 6.89 -9.71 | 73.20 6.41 -10.59 | 78.64 6.37 -15.87 | 93.41 6.64 -28.55 | 74.89 6.16 -12.69 | 73.12 5.84 -15.59 | 71.13 5.96 -13.37 | 70.87 5.77 -13.11 | 72.64 5.81 -17.16 | 58.56 4.31 -13.23 | 55.86 3.70 -12.42 |
| UPPER HUDSON___HYD 24058 | 35.01 3.58 0.00 | 30.19 2.44 0.00 | 27.70 2.68 0.00 | 26.08 2.41 0.00 | 28.83 2.79 0.00 | 31.01 2.82 0.00 | 36.95 2.86 0.00 | 40.23 2.60 -1.57 | 47.12 2.75 -5.12 | 52.66 3.63 0.00 | 58.59 3.98 -1.60 | 58.18 3.50 0.00 | 57.80 3.66 -1.82 | 60.06 3.87 -0.14 | 60.02 3.82 0.00 | 60.01 3.61 0.00 | 61.95 3.73 0.00 | 59.51 3.47 0.00 | 54.95 3.26 0.00 | 54.80 3.00 0.00 | 55.53 3.54 0.00 | 53.20 3.53 0.00 | 43.65 2.63 0.00 | 42.84 3.10 0.00 |
| UPPER RAQUET___HYD 24056 | 30.71 -0.72 0.00 | 27.17 -0.58 0.00 | 24.52 -0.50 0.00 | 23.24 -0.43 0.00 | 25.44 -0.60 0.00 | 27.63 -0.56 0.00 | 33.41 -0.68 0.00 | 34.11 -1.95 0.00 | 37.09 -2.16 0.00 | 45.55 -3.48 0.00 | 49.94 -3.07 0.00 | 51.34 -3.34 0.00 | 48.71 -3.61 0.00 | 52.80 -3.25 0.00 | 52.88 -3.32 0.00 | 52.45 -3.95 0.00 | 53.85 -4.37 0.00 | 52.12 -3.92 0.00 | 48.07 -3.62 0.00 | 48.54 -3.26 0.00 | 49.75 -2.24 0.00 | 47.14 -2.53 0.00 | 39.05 -1.97 0.00 | 38.67 -1.07 0.00 |
| VISCHER___FERRY HYD 24020 | 33.69 2.26 0.00 | 29.61 1.86 0.00 | 26.75 1.73 0.00 | 25.23 1.56 0.00 | 27.89 1.85 0.00 | 30.11 1.92 0.00 | 36.37 2.28 0.00 | 39.96 2.38 -1.52 | 47.00 2.79 -4.96 | 52.71 3.68 0.00 | 58.48 3.92 -1.55 | 58.67 3.99 0.00 | 58.22 4.13 -1.77 | 60.44 4.26 -0.13 | 60.47 4.27 0.00 | 60.46 4.06 0.00 | 62.47 4.25 0.00 | 60.02 3.98 0.00 | 55.41 3.72 0.00 | 55.37 3.57 0.00 | 55.53 3.54 0.00 | 53.20 3.53 0.00 | 43.73 2.71 0.00 | 42.32 2.58 0.00 |
| WADING RIVER_1-3_GRP5 24038 | 54.69 3.11 -20.15 | 53.12 2.77 -22.60 | 51.93 2.35 -24.56 | 51.30 2.15 -25.48 | 51.59 2.58 -22.97 | 51.30 2.71 -20.40 | 52.07 3.44 -14.54 | 54.48 3.89 -14.53 | 55.73 4.36 -12.12 | 56.90 5.49 -2.38 | 61.42 5.57 -2.84 | 68.11 6.18 -7.25 | 70.12 6.54 -11.26 | 72.54 6.78 -9.71 | 73.42 6.63 -10.59 | 78.87 6.60 -15.87 | 93.70 6.93 -28.55 | 75.17 6.44 -12.69 | 73.38 6.10 -15.59 | 71.02 5.85 -13.37 | 70.77 5.67 -13.11 | 72.59 5.76 -17.16 | 58.68 4.43 -13.23 | 56.01 3.85 -12.42 |
| WADING RIVER_IC_1 23522 | 54.69 3.11 -20.15 | 53.12 2.77 -22.60 | 51.93 2.35 -24.56 | 51.30 2.15 -25.48 | 51.59 2.58 -22.97 | 51.30 2.71 -20.40 | 52.07 3.44 -14.54 | 54.48 3.89 -14.53 | 55.73 4.36 -12.12 | 56.90 5.49 -2.38 | 61.42 5.57 -2.84 | 68.11 6.18 -7.25 | 70.12 6.54 -11.26 | 72.54 6.78 -9.71 | 73.42 6.63 -10.59 | 78.87 6.60 -15.87 | 93.70 6.93 -28.55 | 75.17 6.44 -12.69 | 73.38 6.10 -15.59 | 71.02 5.85 -13.37 | 70.77 5.67 -13.11 | 72.59 5.76 -17.16 | 58.68 4.43 -13.23 | 56.01 3.85 -12.42 |
| WADING RIVER_IC_2 23547 | 54.69 3.11 -20.15 | 53.12 2.77 -22.60 | 51.93 2.35 -24.56 | 51.30 2.15 -25.48 | 51.59 2.58 -22.97 | 51.30 2.71 -20.40 | 52.07 3.44 -14.54 | 54.48 3.89 -14.53 | 55.73 4.36 -12.12 | 56.90 5.49 -2.38 | 61.42 5.57 -2.84 | 68.11 6.18 -7.25 | 70.12 6.54 -11.26 | 72.54 6.78 -9.71 | 73.42 6.63 -10.59 | 78.87 6.60 -15.87 | 93.70 6.93 -28.55 | 75.17 6.44 -12.69 | 73.38 6.10 -15.59 | 71.02 5.85 -13.37 | 70.77 5.67 -13.11 | 72.59 5.76 -17.16 | 58.68 4.43 -13.23 | 56.01 3.85 -12.42 |
| WADING RIVER_IC_3 23601 | 54.69 3.11 -20.15 | 53.12 2.77 -22.60 | 51.93 2.35 -24.56 | 51.30 2.15 -25.48 | 51.59 2.58 -22.97 | 51.30 2.71 -20.40 | 52.07 3.44 -14.54 | 54.48 3.89 -14.53 | 55.73 4.36 -12.12 | 56.90 5.49 -2.38 | 61.42 5.57 -2.84 | 68.11 6.18 -7.25 | 70.12 6.54 -11.26 | 72.54 6.78 -9.71 | 73.42 6.63 -10.59 | 78.87 6.60 -15.87 | 93.70 6.93 -28.55 | 75.17 6.44 -12.69 | 73.38 6.10 -15.59 | 71.02 5.85 -13.37 | 70.77 5.67 -13.11 | 72.59 5.76 -17.16 | 58.68 4.43 -13.23 | 56.01 3.85 -12.42 |
| WALDEN___HYDRO 24148 | 32.84 1.41 0.00 | 29.19 1.44 0.00 | 26.07 1.05 0.00 | 24.59 0.92 0.00 | 27.37 1.33 0.00 | 29.54 1.35 0.00 | 36.00 1.91 0.00 | 39.80 2.56 -1.18 | 45.85 2.75 -3.85 | 52.76 3.73 0.00 | 58.04 3.82 -1.21 | 58.84 4.16 0.00 | 58.08 4.39 -1.37 | 60.69 4.54 -0.10 | 60.75 4.55 0.00 | 60.86 4.46 0.00 | 62.94 4.72 0.00 | 60.41 4.37 0.00 | 55.77 4.08 0.00 | 55.63 3.83 0.00 | 55.63 3.64 0.00 | 53.35 3.68 0.00 | 43.89 2.87 0.00 | 41.77 2.03 0.00 |
| WARRENSBURG___ 23737 | 35.01 3.58 0.00 | 30.19 2.44 0.00 | 27.72 2.70 0.00 | 26.11 2.44 0.00 | 28.85 2.81 0.00 | 30.98 2.79 0.00 | 36.82 2.73 0.00 | 40.01 2.38 -1.57 | 46.88 2.51 -5.12 | 52.36 3.33 0.00 | 58.27 3.66 -1.60 | 57.85 3.17 0.00 | 57.49 3.35 -1.82 | 59.67 3.48 -0.14 | 59.63 3.43 0.00 | 59.67 3.27 0.00 | 61.60 3.38 0.00 | 59.12 3.08 0.00 | 54.58 2.89 0.00 | 54.49 2.69 0.00 | 55.21 3.22 0.00 | 52.90 3.23 0.00 | 43.40 2.38 0.00 | 42.64 2.90 0.00 |
| WATERSIDE___6 8 9 23538 | 64.63 2.83 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.57 3.34 -24.14 | 68.42 4.11 -28.25 | 75.51 4.59 -31.67 | 116.46 6.08 -61.35 | 74.89 6.20 -15.68 | 116.37 6.67 -55.02 | 116.33 6.85 -57.16 | 95.64 7.17 -32.42 | 114.97 7.19 -51.58 | 116.40 7.05 -52.95 | 116.54 7.39 -50.93 | 99.39 7.00 -36.35 | 102.60 6.56 -44.35 | 72.40 6.27 -14.33 | 72.55 6.03 -14.53 | 75.70 6.16 -19.87 | 75.52 4.84 -29.66 | 69.26 3.89 -25.63 |
| WEST BABYLON___IC 23714 | 55.23 3.30 -20.50 | 53.55 2.97 -22.83 | 52.11 2.53 -24.56 | 51.48 2.32 -25.49 | 51.77 2.76 -22.97 | 51.52 2.93 -20.40 | 52.48 3.85 -14.54 | 55.67 4.65 -14.96 | 57.08 5.26 -12.57 | 58.97 6.96 -2.98 | 63.41 7.16 -3.24 | 69.88 7.71 -7.49 | 72.18 8.00 -11.86 | 75.01 8.35 -10.61 | 75.96 8.32 -11.44 | 81.14 8.23 -16.51 | 95.44 8.62 -28.60 | 77.64 8.13 -13.47 | 75.79 7.65 -16.45 | 72.90 7.25 -13.85 | 72.75 7.07 -13.69 | 73.97 7.05 -17.25 | 60.22 5.37 -13.83 | 57.01 4.45 -12.82 |
| WEST CANADA___HYD 24049 | 31.65 0.22 0.00 | 27.92 0.17 0.00 | 25.17 0.15 0.00 | 23.81 0.14 0.00 | 26.22 0.18 0.00 | 28.36 0.17 0.00 | 34.33 0.24 0.00 | 36.32 0.29 0.03 | 39.46 0.31 0.10 | 49.47 0.44 0.00 | 53.40 0.42 0.03 | 55.17 0.49 0.00 | 52.87 0.58 0.03 | 56.55 0.50 0.00 | 56.71 0.51 0.00 | 56.96 0.56 0.00 | 58.86 0.64 0.00 | 56.60 0.56 0.00 | 52.21 0.52 0.00 | 52.27 0.47 0.00 | 52.46 0.47 0.00 | 50.17 0.50 0.00 | 41.43 0.41 0.00 | 40.02 0.28 0.00 |
| WESTERN_NY_WIND 24143 | 29.98 -1.45 0.00 | 25.97 -1.78 0.00 | 23.37 -1.65 0.00 | 22.18 -1.49 0.00 | 24.27 -1.77 0.00 | 26.44 -1.75 0.00 | 31.98 -2.11 0.00 | 35.95 -0.29 -0.18 | 39.39 -0.43 -0.57 | 49.32 0.29 0.00 | 51.92 -1.27 -0.18 | 53.81 -0.87 0.00 | 53.51 0.99 -0.20 | 55.79 -0.28 -0.02 | 55.69 -0.51 0.00 | 57.08 0.68 0.00 | 58.69 0.47 0.00 | 56.49 0.45 0.00 | 52.00 0.31 0.00 | 51.49 -0.31 0.00 | 52.15 0.16 0.00 | 50.12 0.45 0.00 | 41.84 0.82 0.00 | 38.47 -1.27 0.00 |
| YORK___WARBASSE 23770 | 64.66 2.86 -30.37 | 61.03 2.55 -30.73 | 47.39 2.15 -20.22 | 25.63 1.94 -0.02 | 28.42 2.37 -0.01 | 44.17 2.51 -13.47 | 61.60 3.37 -24.14 | 68.53 4.22 -28.25 | 75.71 4.79 -31.67 | 116.75 6.37 -61.35 | 75.21 6.52 -15.68 | 116.75 7.05 -55.02 | 116.75 7.27 -57.16 | 96.04 7.57 -32.42 | 115.37 7.59 -51.58 | 116.79 7.44 -52.95 | 116.95 7.80 -50.93 | 99.79 7.40 -36.35 | 102.86 6.82 -44.35 | 72.76 6.63 -14.33 | 72.91 6.39 -14.53 | 75.95 6.41 -19.87 | 75.64 4.96 -29.66 | 69.30 3.93 -25.63 |