

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/28/2011

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 44.20 | 41.15 | 39.22 | 36.34 | 36.54 | 38.18 | 39.72 | 46.26 | 51.27 | 52.91 | 59.47 | 65.55 | 74.92 | 95.20 | 102.29 | 111.11 | 119.82 | 107.30 | 77.74 | 64.84 | 61.71 | 58.31 | 55.68 | 47.78 |
| 24138 | 3.80 | 2.98 | 2.50 | 2.25 | 2.29 | 2.30 | 2.87 | 4.32 | 4.70 | 5.39 | 6.43 | 7.28 | 7.92 | 7.63 | 7.35 | 7.48 | 7.77 | 7.56 | 7.92 | 6.97 | 6.88 | 6.46 | 6.19 | 4.81 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.64 | -2.62 | -2.00 | 0.00 | -6.58 | -28.44 | -38.87 | -46.55 | -52.77 | -42.51 | -9.39 | -4.71 | -3.11 | -2.57 | -1.16 | 0.00 |
| 74TH STREET_GT_1 | 44.24 | 41.19 | 39.29 | 36.37 | 36.61 | 38.22 | 39.75 | 46.30 | 51.58 | 53.09 | 59.56 | 65.49 | 74.80 | 95.15 | 102.23 | 111.05 | 119.71 | 107.19 | 77.68 | 64.84 | 61.66 | 58.36 | 55.78 | 47.86 |
| 24260 | 3.84 | 3.02 | 2.57 | 2.28 | 2.36 | 2.33 | 2.91 | 4.36 | 4.70 | 5.39 | 6.38 | 7.22 | 7.79 | 7.57 | 7.29 | 7.42 | 7.65 | 7.44 | 7.86 | 6.97 | 6.83 | 6.51 | 6.28 | 4.90 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.96 | -2.80 | -2.13 | 0.00 | -6.58 | -28.44 | -38.87 | -46.55 | -52.77 | -42.51 | -9.39 | -4.71 | -3.11 | -2.57 | -1.16 | 0.00 |
| 74TH STREET_GT_2 | 44.24 | 41.19 | 39.29 | 36.37 | 36.61 | 38.22 | 39.75 | 46.30 | 51.58 | 53.09 | 59.56 | 65.49 | 74.80 | 95.15 | 102.23 | 111.05 | 119.71 | 107.19 | 77.68 | 64.84 | 61.66 | 58.36 | 55.78 | 47.86 |
| 24261 | 3.84 | 3.02 | 2.57 | 2.28 | 2.36 | 2.33 | 2.91 | 4.36 | 4.70 | 5.39 | 6.38 | 7.22 | 7.79 | 7.57 | 7.29 | 7.42 | 7.65 | 7.44 | 7.86 | 6.97 | 6.83 | 6.51 | 6.28 | 4.90 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.96 | -2.80 | -2.13 | 0.00 | -6.58 | -28.44 | -38.87 | -46.55 | -52.77 | -42.51 | -9.39 | -4.71 | -3.11 | -2.57 | -1.16 | 0.00 |
| ADK HUDSON___FALLS | 43.02 | 40.38 | 38.59 | 35.76 | 36.02 | 37.75 | 38.79 | 44.20 | 44.53 | 47.68 | 53.54 | 60.42 | 62.22 | 59.98 | 56.36 | 56.93 | 58.92 | 57.45 | 63.20 | 55.82 | 54.83 | 52.42 | 51.28 | 46.10 |
| 24011 | 2.63 | 2.21 | 1.87 | 1.67 | 1.78 | 1.87 | 1.95 | 2.26 | 2.60 | 2.78 | 2.50 | 2.16 | 2.11 | 2.19 | 2.13 | 2.05 | 2.13 | 2.23 | 3.20 | 2.87 | 3.26 | 3.25 | 3.00 | 3.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 1.35 | 1.84 | 2.21 | 2.50 | 2.01 | 0.44 | 0.22 | 0.15 | 0.12 | 0.05 | 0.00 |
| ADK RESOURCE___RCVRY | 43.02 | 40.38 | 38.70 | 35.93 | 36.19 | 37.86 | 39.02 | 44.33 | 44.40 | 47.51 | 53.44 | 60.59 | 62.78 | 61.45 | 58.31 | 59.30 | 61.60 | 59.58 | 63.52 | 56.10 | 54.83 | 52.25 | 51.14 | 46.06 |
| 23798 | 2.63 | 2.21 | 1.98 | 1.84 | 1.95 | 1.97 | 2.17 | 2.39 | 2.47 | 2.60 | 2.40 | 2.33 | 2.36 | 2.31 | 2.24 | 2.23 | 2.31 | 2.35 | 3.08 | 2.92 | 3.10 | 2.96 | 2.80 | 3.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 43.02 | 40.38 | 38.59 | 35.76 | 36.02 | 37.75 | 38.79 | 44.20 | 44.53 | 47.68 | 53.54 | 60.42 | 62.22 | 59.98 | 56.36 | 56.93 | 58.92 | 57.45 | 63.20 | 55.82 | 54.83 | 52.42 | 51.28 | 46.10 |
| 24028 | 2.63 | 2.21 | 1.87 | 1.67 | 1.78 | 1.87 | 1.95 | 2.26 | 2.60 | 2.78 | 2.50 | 2.16 | 2.11 | 2.19 | 2.13 | 2.05 | 2.13 | 2.23 | 3.20 | 2.87 | 3.26 | 3.25 | 3.00 | 3.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 1.35 | 1.84 | 2.21 | 2.50 | 2.01 | 0.44 | 0.22 | 0.15 | 0.12 | 0.05 | 0.00 |
| ADK_NYS___DAM | 42.46 | 39.85 | 38.26 | 35.59 | 35.78 | 37.39 | 38.39 | 43.74 | 43.86 | 47.06 | 53.29 | 60.59 | 62.61 | 60.15 | 56.50 | 57.14 | 59.00 | 57.52 | 62.71 | 55.47 | 54.14 | 51.57 | 50.59 | 45.33 |
| 23527 | 2.06 | 1.68 | 1.54 | 1.50 | 1.54 | 1.51 | 1.55 | 1.80 | 1.93 | 2.16 | 2.25 | 2.33 | 2.54 | 2.54 | 2.52 | 2.57 | 2.55 | 2.58 | 2.78 | 2.55 | 2.59 | 2.42 | 2.32 | 2.36 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | 1.53 | 2.09 | 2.51 | 2.84 | 2.29 | 0.51 | 0.25 | 0.17 | 0.14 | 0.06 | 0.00 |
| AIR_PRODUCTS___DRP | 41.77 | 39.16 | 37.53 | 34.91 | 35.10 | 36.71 | 37.28 | 42.48 | 42.68 | 45.89 | 52.11 | 59.37 | 60.74 | 56.32 | 51.78 | 51.70 | 53.07 | 52.51 | 60.53 | 53.77 | 52.62 | 50.15 | 49.33 | 44.00 |
| 24190 | 1.37 | 0.99 | 0.81 | 0.82 | 0.86 | 0.83 | 0.44 | 0.55 | 0.75 | 0.99 | 1.07 | 1.11 | 1.27 | 1.30 | 1.35 | 1.37 | 1.42 | 1.43 | 1.45 | 1.28 | 1.34 | 1.23 | 1.16 | 1.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 4.12 | 5.63 | 6.74 | 7.64 | 6.16 | 1.36 | 0.68 | 0.45 | 0.37 | 0.17 | 0.00 |
| ALBANY___1 | 41.77 | 39.16 | 37.53 | 34.91 | 35.10 | 36.71 | 37.28 | 42.48 | 42.68 | 45.89 | 52.11 | 59.37 | 60.74 | 56.32 | 51.78 | 51.70 | 53.07 | 52.51 | 60.53 | 53.77 | 52.62 | 50.15 | 49.33 | 44.00 |
| 23571 | 1.37 | 0.99 | 0.81 | 0.82 | 0.86 | 0.83 | 0.44 | 0.55 | 0.75 | 0.99 | 1.07 | 1.11 | 1.27 | 1.30 | 1.35 | 1.37 | 1.42 | 1.43 | 1.45 | 1.28 | 1.34 | 1.23 | 1.16 | 1.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 4.12 | 5.63 | 6.74 | 7.64 | 6.16 | 1.36 | 0.68 | 0.45 | 0.37 | 0.17 | 0.00 |
| ALBANY___2 | 41.77 | 39.16 | 37.53 | 34.91 | 35.10 | 36.71 | 37.28 | 42.48 | 42.68 | 45.89 | 52.11 | 59.37 | 60.74 | 56.32 | 51.78 | 51.70 | 53.07 | 52.51 | 60.53 | 53.77 | 52.62 | 50.15 | 49.33 | 44.00 |
| 23572 | 1.37 | 0.99 | 0.81 | 0.82 | 0.86 | 0.83 | 0.44 | 0.55 | 0.75 | 0.99 | 1.07 | 1.11 | 1.27 | 1.30 | 1.35 | 1.37 | 1.42 | 1.43 | 1.45 | 1.28 | 1.34 | 1.23 | 1.16 | 1.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 4.12 | 5.63 | 6.74 | 7.64 | 6.16 | 1.36 | 0.68 | 0.45 | 0.37 | 0.17 | 0.00 |
| ALBANY___3 | 41.77 | 39.16 | 37.53 | 34.91 | 35.10 | 36.71 | 37.28 | 42.48 | 42.68 | 45.89 | 52.11 | 59.37 | 60.74 | 56.32 | 51.78 | 51.70 | 53.07 | 52.51 | 60.53 | 53.77 | 52.62 | 50.15 | 49.33 | 44.00 |
| 23573 | 1.37 | 0.99 | 0.81 | 0.82 | 0.86 | 0.83 | 0.44 | 0.55 | 0.75 | 0.99 | 1.07 | 1.11 | 1.27 | 1.30 | 1.35 | 1.37 | 1.42 | 1.43 | 1.45 | 1.28 | 1.34 | 1.23 | 1.16 | 1.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 4.12 | 5.63 | 6.74 | 7.64 | 6.16 | 1.36 | 0.68 | 0.45 | 0.37 | 0.17 | 0.00 |
| ALBANY___4 | 41.77 | 39.16 | 37.53 | 34.91 | 35.10 | 36.71 | 37.28 | 42.48 | 42.68 | 45.89 | 52.11 | 59.37 | 60.74 | 56.32 | 51.78 | 51.70 | 53.07 | 52.51 | 60.53 | 53.77 | 52.62 | 50.15 | 49.33 | 44.00 |
| 23574 | 1.37 | 0.99 | 0.81 | 0.82 | 0.86 | 0.83 | 0.44 | 0.55 | 0.75 | 0.99 | 1.07 | 1.11 | 1.27 | 1.30 | 1.35 | 1.37 | 1.42 | 1.43 | 1.45 | 1.28 | 1.34 | 1.23 | 1.16 | 1.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 4.12 | 5.63 | 6.74 | 7.64 | 6.16 | 1.36 | 0.68 | 0.45 | 0.37 | 0.17 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|--------|--------|
| ALBANY___LFG | 42.18 | 39.54 | 37.89 | 35.21 | 35.44 | 37.07 | 37.76 | 43.11 | 43.35 | 46.61 | 52.88 | 60.24 | 61.74 | 57.64 | 53.22 | 53.33 | 54.82 | 54.07 | 61.58 | 54.64 | 53.44 | 50.88 | 50.02 | 44.64 |
| 323615 | 1.78 | 1.37 | 1.18 | 1.12 | 1.20 | 1.18 | 0.92 | 1.17 | 1.43 | 1.71 | 1.84 | 1.98 | 2.18 | 2.19 | 2.19 | 2.28 | 2.37 | 2.35 | 2.36 | 2.07 | 2.12 | 1.92 | 1.84 | 1.68 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.85 | 3.68 | 5.04 | 6.03 | 6.84 | 5.51 | 1.22 | 0.61 | 0.40 | 0.33 | 0.15 | 0.00 |
| ALCOA_RYNLDS___DRP | 39.55 | 37.79 | 36.57 | 33.82 | 33.90 | 35.60 | 36.29 | 40.89 | 40.80 | 43.55 | 48.90 | 55.64 | 57.88 | 56.72 | 53.49 | 54.45 | 56.74 | 54.72 | 57.84 | 50.67 | 49.29 | 47.61 | 47.03 | 41.42 |
| 24188 | -0.85 | -0.38 | -0.15 | -0.27 | -0.34 | -0.29 | -0.55 | -1.05 | -1.13 | -1.35 | -2.14 | -2.62 | -2.54 | -2.42 | -2.58 | -2.63 | -2.55 | -2.52 | -2.60 | -2.50 | -2.43 | -1.68 | -1.30 | -1.55 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALLEGHENY___COGEN | 40.92 | 38.09 | 36.54 | 34.05 | 34.14 | 36.06 | 37.65 | 43.74 | 43.82 | 46.97 | 51.35 | 57.16 | 59.07 | 59.71 | 57.93 | 59.93 | 62.27 | 59.41 | 59.11 | 52.03 | 50.42 | 49.09 | 50.09 | 43.74 |
| 23514 | 0.53 | -0.08 | -0.18 | -0.03 | -0.10 | 0.18 | 0.81 | 1.80 | 1.89 | 2.07 | 0.31 | -1.11 | -1.99 | -2.19 | -1.91 | -1.66 | -2.13 | -1.95 | -2.24 | -1.60 | -1.60 | -0.44 | 1.64 | 0.77 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.64 | -2.76 | -3.77 | -4.51 | -5.11 | -4.12 | -0.91 | -0.46 | -0.30 | -0.25 | -0.11 | 0.00 |
| ALTONA_WT_PWR | 39.99 | 38.21 | 36.98 | 34.19 | 34.28 | 36.03 | 36.77 | 41.44 | 41.47 | 44.32 | 50.12 | 57.10 | 59.39 | 58.19 | 54.89 | 55.82 | 58.10 | 56.09 | 59.35 | 51.90 | 50.43 | 48.40 | 47.71 | 42.19 |
| 323606 | -0.40 | 0.04 | 0.26 | 0.10 | 0.03 | 0.14 | -0.07 | -0.50 | -0.46 | -0.58 | -0.92 | -1.17 | -1.03 | -0.95 | -1.18 | -1.26 | -1.19 | -1.14 | -1.09 | -1.09 | -1.29 | -0.89 | -0.63 | -0.77 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AMERICAN_REF_FUEL | 38.26 | 35.80 | 34.48 | 32.25 | 32.29 | 33.91 | 35.22 | 40.55 | 40.46 | 43.10 | 49.00 | 55.76 | 56.82 | 56.90 | 55.92 | 57.58 | 59.60 | 56.87 | 56.83 | 50.65 | 49.40 | 46.65 | 46.01 | 40.26 |
| 24010 | -2.14 | -2.37 | -2.24 | -1.84 | -1.95 | -1.97 | -1.62 | -1.38 | -1.47 | -1.80 | -2.04 | -2.51 | -4.17 | -4.67 | -3.48 | -3.48 | -4.21 | -4.01 | -4.41 | -2.92 | -2.59 | -2.86 | -2.42 | -2.71 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.56 | -2.44 | -3.33 | -3.99 | -4.52 | -3.64 | -0.80 | -0.40 | -0.27 | -0.22 | -0.10 | 0.00 |
| ARTHUR_KILL_GT_1 | 59.28 | 41.16 | 39.19 | 36.35 | 36.55 | 38.14 | 39.56 | 48.12 | 58.84 | 58.81 | 59.28 | 65.25 | 74.61 | 94.90 | 101.94 | 110.76 | 119.28 | 106.95 | 77.49 | 64.78 | 64.78 | 59.79 | 65.33 | 65.16 |
| 23520 | 3.88 | 2.98 | 2.46 | 2.25 | 2.29 | 2.26 | 2.73 | 4.24 | 4.70 | 5.39 | 6.18 | 6.99 | 7.61 | 7.33 | 7.01 | 7.13 | 7.23 | 7.21 | 7.68 | 6.81 | 6.62 | 6.41 | 6.19 | 4.86 |
| | -15.00 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | -1.94 | -12.21 | -8.52 | -2.06 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.80 | -6.44 | -4.09 | -10.81 | -17.35 |
| ARTHUR_KILL_2 | 59.28 | 41.16 | 39.19 | 36.35 | 36.55 | 38.14 | 39.56 | 48.12 | 58.84 | 58.81 | 59.28 | 65.25 | 74.61 | 94.90 | 101.94 | 110.76 | 119.28 | 106.95 | 77.49 | 64.78 | 64.78 | 59.79 | 65.33 | 65.16 |
| 23512 | 3.88 | 2.98 | 2.46 | 2.25 | 2.29 | 2.26 | 2.73 | 4.24 | 4.70 | 5.39 | 6.18 | 6.99 | 7.61 | 7.33 | 7.01 | 7.13 | 7.23 | 7.21 | 7.68 | 6.81 | 6.62 | 6.41 | 6.19 | 4.86 |
| | -15.00 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | -1.94 | -12.21 | -8.52 | -2.06 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.80 | -6.44 | -4.09 | -10.81 | -17.35 |
| ARTHUR_KILL_3 | 59.07 | 41.00 | 39.11 | 36.20 | 36.43 | 38.04 | 39.57 | 48.08 | 58.68 | 58.68 | 59.39 | 65.20 | 74.50 | 94.67 | 101.78 | 110.65 | 119.29 | 106.79 | 77.38 | 64.63 | 64.08 | 59.75 | 65.19 | 65.04 |
| 23513 | 3.68 | 2.82 | 2.39 | 2.11 | 2.19 | 2.15 | 2.73 | 4.19 | 4.53 | 5.25 | 6.28 | 6.93 | 7.49 | 7.10 | 6.84 | 7.02 | 7.23 | 7.04 | 7.55 | 6.75 | 6.78 | 6.36 | 6.04 | 4.73 |
| | -15.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.95 | -12.22 | -8.53 | -2.07 | 0.00 | -6.58 | -28.44 | -38.87 | -46.55 | -52.77 | -42.51 | -9.39 | -4.71 | -5.58 | -4.10 | -10.82 | -17.35 |
| ASHOKAN_____ | 44.32 | 41.38 | 39.58 | 36.68 | 36.91 | 38.68 | 39.97 | 47.01 | 47.34 | 50.96 | 58.19 | 66.83 | 74.24 | 88.85 | 92.96 | 99.39 | 106.49 | 96.65 | 76.35 | 64.60 | 61.78 | 58.29 | 55.83 | 47.95 |
| 23654 | 3.92 | 3.21 | 2.86 | 2.59 | 2.67 | 2.80 | 3.13 | 5.07 | 5.41 | 6.06 | 7.15 | 8.56 | 9.06 | 9.17 | 8.80 | 8.68 | 9.07 | 8.70 | 9.13 | 8.03 | 7.81 | 7.15 | 6.67 | 4.98 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.76 | -20.55 | -28.09 | -33.64 | -38.13 | -30.72 | -6.78 | -3.40 | -2.25 | -1.85 | -0.83 | 0.00 |
| ASTORIA_EAST_ENERGY_CC1 | 44.08 | 41.08 | 39.15 | 36.31 | 36.51 | 38.14 | 39.52 | 46.08 | 46.60 | 50.25 | 57.02 | 64.78 | 74.07 | 94.55 | 101.66 | 110.47 | 119.10 | 106.67 | 76.95 | 64.14 | 60.93 | 58.01 | 55.62 | 47.78 |
| 323581 | 3.68 | 2.90 | 2.42 | 2.22 | 2.26 | 2.26 | 2.69 | 4.15 | 4.65 | 5.34 | 5.97 | 6.53 | 7.07 | 6.98 | 6.73 | 6.85 | 7.06 | 6.93 | 7.13 | 6.27 | 6.10 | 6.16 | 6.14 | 4.81 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | 0.01 | -0.02 | -0.01 | 0.00 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.70 | -3.10 | -2.56 | -1.15 | -0.01 |
| ASTORIA_EAST_ENERGY_CC2 | 44.08 | 41.08 | 39.19 | 36.31 | 36.51 | 38.14 | 39.52 | 46.08 | 46.60 | 50.25 | 57.02 | 64.78 | 74.07 | 94.55 | 101.66 | 110.47 | 119.10 | 106.67 | 76.95 | 64.14 | 60.93 | 58.01 | 55.62 | 47.78 |
| 323582 | 3.68 | 2.90 | 2.46 | 2.22 | 2.26 | 2.26 | 2.69 | 4.15 | 4.65 | 5.34 | 5.97 | 6.53 | 7.07 | 6.98 | 6.73 | 6.85 | 7.06 | 6.93 | 7.13 | 6.27 | 6.10 | 6.16 | 6.14 | 4.81 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | 0.01 | -0.02 | -0.01 | 0.00 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.70 | -3.10 | -2.56 | -1.15 | -0.01 |
| ASTORIA_GT2_1 | 44.08 | 41.08 | 39.19 | 36.31 | 36.55 | 38.18 | 39.56 | 46.12 | 46.65 | 50.25 | 57.02 | 64.78 | 74.07 | 94.55 | 101.72 | 110.53 | 119.16 | 106.72 | 76.95 | 64.20 | 60.98 | 58.01 | 55.67 | 47.78 |
| 24094 | 3.68 | 2.90 | 2.46 | 2.22 | 2.29 | 2.30 | 2.73 | 4.19 | 4.70 | 5.34 | 5.97 | 6.53 | 7.07 | 6.98 | 6.78 | 6.91 | 7.11 | 6.98 | 7.13 | 6.33 | 6.16 | 6.16 | 6.19 | 4.81 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | 0.01 | -0.02 | -0.01 | 0.00 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.70 | -3.10 | -2.56 | -1.15 | -0.01 |
| ASTORIA_GT2_2 | 44.08 | 41.08 | 39.19 | 36.31 | 36.55 | 38.18 | 39.56 | 46.12 | 46.65 | 50.25 | 57.02 | 64.78 | 74.07 | 94.55 | 101.72 | 110.53 | 119.16 | 106.72 | 76.95 | 64.20 | 60.98 | 58.01 | 55.67 | 47.78 |
| 24095 | 3.68 | 2.90 | 2.46 | 2.22 | 2.29 | 2.30 | 2.73 | 4.19 | 4.70 | 5.34 | 5.97 | 6.53 | 7.07 | 6.98 | 6.78 | 6.91 | 7.11 | 6.98 | 7.13 | 6.33 | 6.16 | 6.16 | 6.19 | 4.81 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | 0.01 | -0.02 | -0.01 | 0.00 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.70 | -3.10 | -2.56 | -1.15 | -0.01 |
| ASTORIA_GT2_3 | 44.08 | 41.08 | 39.19 | 36.31 | 36.55 | 38.18 | 39.56 | 46.12 | 46.65 | 50.25 | 57.02 | 64.78 | 74.07 | 94.55 | 101.72 | 110.53 | 119.16 | 106.72 | 76.95 | 64.20 | 60.98 | 58.01 | 55.67 | 47.78 |
| 24096 | 3.68 | 2.90 | 2.46 | 2.22 | 2.29 | 2.30 | 2.73 | 4.19 | 4.70 | 5.34 | 5.97 | 6.53 | 7.07 | 6.98 | 6.78 | 6.91 | 7.11 | 6.98 | 7.13 | 6.33 | 6.16 | 6.16 | 6.19 | 4.81 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | 0.01 | -0.02 | -0.01 | 0.00 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.70 | -3.10 | -2.56 | -1.15 | -0.01 |
| ASTORIA_GT2_4 | 44.08 | 41.08 | 39.19 | 36.31 | 36.55 | 38.18 | 39.56 | 46.12 | 46.65 | 50.25 | 57.02 | 64.78 | 74.07 | 94.55 | 101.72 | 110.53 | 119.16 | 106.72 | 76.95 | 64.20 | 60.98 | 58.01 | 55.67 | 47.78 |
| 24097 | 3.68 | 2.90 | 2.46 | 2.22 | 2.29 | 2.30 | 2.73 | 4.19 | 4.70 | 5.34 | 5.97 | 6.53 | 7.07 | 6.98 | 6.78 | 6.91 | 7.11 | 6.98 | 7.13 | 6.33 | 6.16 | 6.16 | 6.19 | 4.81 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | 0.01 | -0.02 | -0.01 | 0.00 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.70 | -3.10 | -2.56 | -1.15 | -0.01 |
| ASTORIA_GT3_1 | 44.08 | 41.08 | 39.19 | 36.31 | 36.55 | 38.18 | 39.56 | 46.12 | 46.65 | 50.25 | 57.02 | 64.78 | 74.07 | 94.55 | 101.72 | 110.53 | 119.16 | 106.72 | 76.95 | 64.20 | 60.98 | 58.01 | 55.67 | 47.78 |
| 24098 | 3.68 | 2.90 | 2.46 | 2.22 | 2.29 | 2.30 | 2.73 | 4.19 | 4.70 | 5.34 | 5.97 | 6.53 | 7.07 | 6.98 | 6.78 | 6.91 | 7.11 | 6.98 | 7.13 | 6.33 | 6.16 | 6.16 | 6.19 | 4.81 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.01 | 0.01 | -0.02 | -0.01 | 0.00 | 0.01 | -6.57 | -28.43 | -38.87 | -46.54 | -52.76 | -42.50 | -9.38 | -4.70 | -3.10 | -2.56 | -1.15 | -0.01 |

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| ASTORIA_GT3_2 24099 | 44.08 3.68 -0.01 | 41.08 2.90 -0.01 | 39.19 2.46 -0.01 | 36.31 2.22 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.56 2.73 0.01 | 46.12 4.19 0.01 | 46.65 4.70 -0.02 | 50.25 5.34 -0.01 | 57.02 5.97 0.00 | 64.78 6.53 0.01 | 74.07 7.07 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 76.95 7.13 -9.38 | 64.20 6.33 -4.70 | 60.98 6.16 -3.10 | 58.01 6.16 -2.56 | 55.67 6.19 -1.15 | 47.78 4.81 -0.01 |
| ASTORIA_GT3_3 24100 | 44.08 3.68 -0.01 | 41.08 2.90 -0.01 | 39.19 2.46 -0.01 | 36.31 2.22 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.56 2.73 0.01 | 46.12 4.19 0.01 | 46.65 4.70 -0.02 | 50.25 5.34 -0.01 | 57.02 5.97 0.00 | 64.78 6.53 0.01 | 74.07 7.07 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 76.95 7.13 -9.38 | 64.20 6.33 -4.70 | 60.98 6.16 -3.10 | 58.01 6.16 -2.56 | 55.67 6.19 -1.15 | 47.78 4.81 -0.01 |
| ASTORIA_GT3_4 24101 | 44.08 3.68 -0.01 | 41.08 2.90 -0.01 | 39.19 2.46 -0.01 | 36.31 2.22 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.56 2.73 0.01 | 46.12 4.19 0.01 | 46.65 4.70 -0.02 | 50.25 5.34 -0.01 | 57.02 5.97 0.00 | 64.78 6.53 0.01 | 74.07 7.07 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 76.95 7.13 -9.38 | 64.20 6.33 -4.70 | 60.98 6.16 -3.10 | 58.01 6.16 -2.56 | 55.67 6.19 -1.15 | 47.78 4.81 -0.01 |
| ASTORIA_GT4_1 24102 | 44.08 3.68 -0.01 | 41.08 2.90 -0.01 | 39.19 2.46 -0.01 | 36.31 2.22 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.56 2.73 0.01 | 46.12 4.19 0.01 | 46.65 4.70 -0.02 | 50.25 5.34 -0.01 | 57.02 5.97 0.00 | 64.78 6.53 0.01 | 74.07 7.07 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 76.95 7.13 -9.38 | 64.20 6.33 -4.70 | 60.98 6.16 -3.10 | 58.01 6.16 -2.56 | 55.67 6.19 -1.15 | 47.78 4.81 -0.01 |
| ASTORIA_GT4_2 24103 | 44.08 3.68 -0.01 | 41.08 2.90 -0.01 | 39.19 2.46 -0.01 | 36.31 2.22 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.56 2.73 0.01 | 46.12 4.19 0.01 | 46.65 4.70 -0.02 | 50.25 5.34 -0.01 | 57.02 5.97 0.00 | 64.78 6.53 0.01 | 74.07 7.07 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 76.95 7.13 -9.38 | 64.20 6.33 -4.70 | 60.98 6.16 -3.10 | 58.01 6.16 -2.56 | 55.67 6.19 -1.15 | 47.78 4.81 -0.01 |
| ASTORIA_GT4_3 24104 | 44.08 3.68 -0.01 | 41.08 2.90 -0.01 | 39.19 2.46 -0.01 | 36.31 2.22 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.56 2.73 0.01 | 46.12 4.19 0.01 | 46.65 4.70 -0.02 | 50.25 5.34 -0.01 | 57.02 5.97 0.00 | 64.78 6.53 0.01 | 74.07 7.07 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 76.95 7.13 -9.38 | 64.20 6.33 -4.70 | 60.98 6.16 -3.10 | 58.01 6.16 -2.56 | 55.67 6.19 -1.15 | 47.78 4.81 -0.01 |
| ASTORIA_GT4_4 24105 | 44.08 3.68 -0.01 | 41.08 2.90 -0.01 | 39.19 2.46 -0.01 | 36.31 2.22 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.56 2.73 0.01 | 46.12 4.19 0.01 | 46.65 4.70 -0.02 | 50.25 5.34 -0.01 | 57.02 5.97 0.00 | 64.78 6.53 0.01 | 74.07 7.07 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 76.95 7.13 -9.38 | 64.20 6.33 -4.70 | 60.98 6.16 -3.10 | 58.01 6.16 -2.56 | 55.67 6.19 -1.15 | 47.78 4.81 -0.01 |
| ASTORIA_GT_1 23523 | 44.08 3.68 -0.01 | 41.0 | | | | | | | | | | | | | | | | | | | | | | |

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| ASTORIA___3 23516 | 44.32 3.92 -0.01 | 41.27 3.09 -0.01 | 39.37 2.64 -0.01 | 36.48 2.39 -0.01 | 36.68 2.43 -0.01 | 38.32 2.44 0.00 | 39.83 2.98 0.00 | 51.92 4.40 -5.58 | 57.54 4.74 -10.87 | 57.85 5.39 -7.56 | 59.40 6.23 -2.13 | 65.25 6.99 0.01 | 74.55 7.55 -6.57 | 94.84 7.27 -28.43 | 101.94 7.01 -38.87 | 110.76 7.13 -46.54 | 119.34 7.29 -52.76 | 106.95 7.21 -42.50 | 77.37 7.55 -9.38 | 64.57 6.70 -4.70 | 61.40 6.57 -3.10 | 58.26 6.41 -2.57 | 58.16 6.24 -3.59 | 57.12 4.94 -9.21 |
| ASTORIA___4 23517 | 44.08 3.68 -0.01 | 41.08 2.90 -0.01 | 39.19 2.46 -0.01 | 36.31 2.22 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.56 2.73 0.01 | 46.12 4.19 0.01 | 46.65 4.70 -0.02 | 50.25 5.34 -0.01 | 57.02 5.97 0.00 | 64.78 6.53 0.01 | 74.07 7.07 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 76.95 7.13 -9.38 | 64.20 6.33 -4.70 | 60.98 6.16 -3.10 | 58.01 6.16 -2.56 | 55.67 6.19 -1.15 | 47.78 4.81 -0.01 |
| ASTORIA___5 23518 | 44.32 3.92 -0.01 | 41.27 3.09 -0.01 | 39.37 2.64 -0.01 | 36.48 2.39 -0.01 | 36.68 2.43 -0.01 | 38.32 2.44 0.00 | 39.83 2.98 0.00 | 51.92 4.40 -5.58 | 57.54 4.74 -10.87 | 57.85 5.39 -7.56 | 59.40 6.23 -2.13 | 65.25 6.99 0.01 | 74.55 7.55 -6.57 | 94.84 7.27 -28.43 | 101.94 7.01 -38.87 | 110.76 7.13 -46.54 | 119.34 7.29 -52.76 | 106.95 7.21 -42.50 | 77.37 7.55 -9.38 | 64.57 6.70 -4.70 | 61.40 6.57 -3.10 | 58.26 6.41 -2.57 | 58.16 6.24 -3.59 | 57.12 4.94 -9.21 |
| AST_ENERGY_2_CC3 323677 | 44.15 3.76 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.30 2.22 0.00 | 36.50 2.26 0.00 | 38.14 2.26 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.39 4.65 -4.81 | 52.96 5.34 -2.72 | 59.39 6.28 -2.07 | 65.37 7.11 0.00 | 74.68 7.67 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.74 6.86 -4.71 | 61.61 6.78 -3.11 | 58.21 6.36 -2.57 | 55.63 6.14 -1.16 | 47.78 4.81 0.00 |
| AST_ENERGY_2_CC4 323678 | 44.15 3.76 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.30 2.22 0.00 | 36.50 2.26 0.00 | 38.14 2.26 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.39 4.65 -4.81 | 52.96 5.34 -2.72 | 59.39 6.28 -2.07 | 65.37 7.11 0.00 | 74.68 7.67 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.74 6.86 -4.71 | 61.61 6.78 -3.11 | 58.21 6.36 -2.57 | 55.63 6.14 -1.16 | 47.78 4.81 0.00 |
| ATHENS_STG_1 23668 | 42.30 1.90 0.00 | 39.58 1.41 0.00 | 37.89 1.18 0.00 | 35.15 1.06 0.00 | 35.34 1.10 0.00 | 36.96 1.08 0.00 | 38.17 1.33 0.00 | 43.99 2.05 0.00 | 44.19 2.26 0.00 | 47.51 2.60 0.00 | 54.10 3.06 0.00 | 61.76 3.50 0.00 | 73.35 3.81 -9.12 | 102.27 3.73 -39.40 | 113.58 3.64 -53.86 | 125.23 3.65 -64.50 | 136.20 3.79 -73.12 | 119.86 3.72 -58.91 | 77.37 3.93 -13.01 | 63.15 3.46 -6.52 | 59.45 3.41 -4.31 | 56.00 3.15 -3.56 | 52.96 3.04 -1.58 | 45.37 2.41 0.00 |
| ATHENS_STG_2 23670 | 42.30 1.90 0.00 | 39.58 1.41 0.00 | 37.89 1.18 0.00 | 35.15 1.06 0.00 | 35.34 1.10 0.00 | 36.96 1.08 0.00 | 38.17 1.33 0.00 | 43.99 2.05 0.00 | 44.19 2.26 0.00 | 47.51 2.60 0.00 | 54.10 3.06 0.00 | 61.76 3.50 0.00 | 73.35 3.81 -9.12 | 102.27 3.73 -39.40 | 113.58 3.64 -53.86 | 125.23 3.65 -64.50 | 136.20 3.79 -73.12 | 119.86 3.72 -58.91 | 77.37 3.93 -13.01 | 63.15 3.46 -6.52 | 59.45 3.41 -4.31 | 56.00 3.15 -3.56 | 52.96 3.04 -1.58 | 45.37 2.41 0.00 |
| ATHENS_STG_3 23677 | 42.30 1.90 0.00 | 39.58 1.41 0.00 | 37.89 1.18 0.00 | 35.15 1.06 0.00 | 35.34 1.10 0.00 | 36.96 1.08 0.00 | 38.17 1.33 0.00 | 43.99 2.05 0.00 | 44.19 2.26 0.00 | 47.51 2.60 0.00 | 54.10 3.06 0.00 | 61.76 3.50 0.00 | 73.35 3.81 -9.12 | 102.27 3.73 -39.40 | 113.58 3.64 -53.86 | 125.23 3.65 -64.50 | 136.20 3.79 -73.12 | 119.86 3.72 -58.91 | 77.37 3.93 -13.01 | 63.15 3.46 -6.52 | 59.45 3.41 -4.31 | 56.00 3.15 -3.56 | 52.96 3.04 -1.58 | 45.37 2.41 0.00 |
| BARRETT_IC_1 23704 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_10 23701 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_11 23702 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_12 23703 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_2 23705 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_3 23706 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_4 23707 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_5 23708 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_6 23709 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_7 23710 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_8 23711 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT_IC_9 23700 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT___1 23545 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BARRETT___2 23546 | 50.51 4.32 -5.79 | 46.31 3.51 -4.63 | 39.81 3.08 -0.01 | 38.08 2.80 -1.20 | 38.36 2.84 -1.28 | 40.68 2.91 -1.89 | 46.75 3.43 -6.48 | 54.13 4.82 -7.37 | 59.79 5.07 -12.79 | 68.79 5.70 -18.18 | 101.34 6.43 -43.87 | 108.47 6.99 -43.21 | 117.48 7.43 -49.63 | 139.96 7.27 -73.55 | 143.99 7.06 -80.85 | 148.53 7.19 -84.26 | 147.04 7.47 -80.28 | 144.03 7.27 -79.52 | 134.48 7.62 -66.42 | 101.25 6.91 -41.17 | 111.40 6.88 -52.79 | 91.87 6.80 -35.77 | 66.89 6.53 -12.03 | 60.38 5.24 -12.18 |
| BEACON___LESR 323632 | 42.26 1.86 0.00 | 39.62 1.45 0.00 | 37.93 1.21 0.00 | 35.25 1.16 0.00 | 35.48 1.23 0.00 | 37.10 1.22 0.00 | 37.87 1.03 0.00 | 43.28 1.34 0.00 | 43.56 1.64 0.00 | 46.79 1.89 0.00 | 53.08 2.04 0.00 | 60.48 2.21 0.00 | 62.05 2.42 0.79 | 58.21 2.48 3.41 | 53.93 2.52 4.66 | 54.06 2.57 5.59 | 55.62 2.67 6.33 | 54.77 2.63 5.10 | 62.03 2.72 1.13 | 54.95 2.34 0.56 | 53.73 2.38 0.37 | 51.20 2.22 0.31 | 50.32 2.13 0.14 | 44.85 1.89 0.00 |
| BEAVER RIVER___HYD 24048 | 42.22 1.82 0.00 | 39.77 1.60 0.00 | 38.22 1.51 0.00 | 35.42 1.33 0.00 | 35.58 1.34 0.00 | 37.32 1.44 0.00 | 38.43 1.58 0.00 | 44.04 2.10 0.00 | 43.94 2.01 0.00 | 47.15 2.25 0.00 | 53.59 2.55 0.00 | 61.18 2.91 0.00 | 63.02 2.60 0.00 | 61.68 2.54 0.00 | 58.42 2.35 0.00 | 59.19 2.11 0.00 | 61.96 2.67 0.00 | 58.95 1.72 0.00 | 62.37 1.93 0.00 | 54.93 1.75 0.00 | 53.58 1.86 0.00 | 51.46 2.17 0.00 | 50.56 2.22 0.00 | 44.64 1.68 0.00 |
| BEEBEE_GT_13 23619 | 40.24 -0.16 0.00 | 37.41 -0.76 0.00 | 35.91 -0.81 0.00 | 33.48 -0.61 0.00 | 33.56 -0.68 0.00 | 35.42 -0.47 0.00 | 36.92 0.07 0.00 | 42.86 0.92 0.00 | 43.35 1.43 0.00 | 46.38 1.48 0.00 | 53.54 2.50 0.00 | 61.35 3.09 0.00 | 63.28 2.42 -0.44 | 63.10 2.07 -1.89 | 60.45 1.79 -2.59 | 62.23 2.05 -3.10 | 64.40 1.60 -3.51 | 61.61 1.55 -2.83 | 62.70 1.63 -0.63 | 55.19 1.70 -0.31 | 53.38 1.45 -0.21 | 50.64 1.18 -0.17 | 49.23 0.82 -0.08 | 43.35 0.39 0.00 |
| BETHLEHEM___GRP 23843 | 41.77 1.37 0.00 | 39.16 0.99 0.00 | 37.53 0.81 0.00 | 34.91 0.82 0.00 | 35.10 0.86 0.00 | 36.71 0.83 0.00 | 37.28 0.44 0.00 | 42.48 0.55 0.00 | 42.68 0.75 0.00 | 45.89 0.99 0.00 | 52.11 1.07 0.00 | 59.37 1.11 0.00 | 60.74 1.27 0.95 | 56.32 1.30 4.12 | 51.78 1.35 5.63 | 51.70 1.37 6.74 | 53.07 1.42 7.64 | 52.51 1.43 6.16 | 60.53 1.45 1.36 | 53.77 1.28 0.68 | 52.62 1.34 0.45 | 50.15 1.23 0.37 | 49.33 1.16 0.17 | 44.00 1.03 0.00 |
| BETHLEHEM___GS1 323560 | 41.77 1.37 0.00 | 39.16 0.99 0.00 | 37.53 0.81 0.00 | 34.91 0.82 0.00 | 35.10 0.86 0.00 | 36.71 0.83 0.00 | 37.28 0.44 0.00 | 42.48 0.55 0.00 | 42.68 0.75 0.00 | 45.89 0.99 0.00 | 52.11 1.07 0.00 | 59.37 1.11 0.00 | 60.74 1.27 0.95 | 56.32 1.30 4.12 | 51.78 1.35 5.63 | 51.70 1.37 6.74 | 53.07 1.42 7.64 | 52.51 1.43 6.16 | 60.53 1.45 1.36 | 53.77 1.28 0.68 | 52.62 1.34 0.45 | 50.15 1.23 0.37 | 49.33 1.16 0.17 | 44.00 1.03 0.00 |
| BETHLEHEM___GS2 323561 | 41.77 1.37 0.00 | 39.16 0.99 0.00 | 37.53 0.81 0.00 | 34.91 0.82 0.00 | 35.10 0.86 0.00 | 36.71 0.83 0.00 | 37.28 0.44 0.00 | 42.48 0.55 0.00 | 42.68 0.75 0.00 | 45.89 0.99 0.00 | 52.11 1.07 0.00 | 59.37 1.11 0.00 | 60.74 1.27 0.95 | 56.32 1.30 4.12 | 51.78 1.35 5.63 | 51.70 1.37 6.74 | 53.07 1.42 7.64 | 52.51 1.43 6.16 | 60.53 1.45 1.36 | 53.77 1.28 0.68 | 52.62 1.34 0.45 | 50.15 1.23 0.37 | 49.33 1.16 0.17 | 44.00 1.03 0.00 |
| BETHLEHEM___GS3 323562 | 41.77 1.37 0.00 | 39.16 0.99 0.00 | 37.53 0.81 0.00 | 34.91 0.82 0.00 | 35.10 0.86 0.00 | 36.71 0.83 0.00 | 37.28 0.44 0.00 | 42.48 0.55 0.00 | 42.68 0.75 0.00 | 45.89 0.99 0.00 | 52.11 1.07 0.00 | 59.37 1.11 0.00 | 60.74 1.27 0.95 | 56.32 1.30 4.12 | 51.78 1.35 5.63 | 51.70 1.37 6.74 | 53.07 1.42 7.64 | 52.51 1.43 6.16 | 60.53 1.45 1.36 | 53.77 1.28 0.68 | 52.62 1.34 0.45 | 50.15 1.23 0.37 | 49.33 1.16 0.17 | 44.00 1.03 0.00 |
| BETHLEHEM___STEEL 23779 | 38.46 -1.94 0.00 | 35.99 -2.18 0.00 | 34.63 -2.09 0.00 | 32.35 -1.74 0.00 | 32.39 -1.85 0.00 | 34.05 -1.83 0.00 | 35.44 -1.40 0.00 | 40.85 -1.09 0.00 | 40.80 -1.13 0.00 | 43.64 -1.26 0.00 | 49.77 -1.28 0.00 | 56.75 -1.51 0.00 | 58.19 -2.84 -0.61 | 58.51 -3.25 -2.62 | 57.41 -2.24 -3.59 | 59.20 -2.17 -4.30 | 61.37 -2.79 -4.87 | 58.47 -2.69 -3.92 | 58.16 -3.14 -0.87 | 51.64 -1.97 -0.43 | 50.20 -1.81 -0.29 | 47.31 -2.22 -0.24 | 46.41 -2.03 -0.11 | 40.43 -2.53 0.00 |
| BETHPAGE_CC_5 323564 | 50.66 4.48 -5.78 | 46.38 3.59 -4.62 | 39.88 3.16 0.00 | 38.14 2.86 -1.19 | 38.46 2.94 -1.27 | 40.75 2.98 -1.89 | 46.85 3.54 -6.47 | 54.38 5.07 -7.37 | 60.12 5.41 -12.79 | 69.19 6.11 -18.18 | 101.95 7.04 -43.87 | 109.46 7.98 -43.21 | 118.57 8.52 -49.63 | 140.97 8.28 -73.55 | 144.89 7.96 -80.85 | 149.44 8.10 -84.26 | 147.98 8.42 -80.28 | 144.94 8.18 -79.52 | 135.50 8.64 -66.42 | 101.89 7.55 -41.17 | 112.07 7.55 -52.79 | 92.16 7.10 -35.77 | 67.18 6.82 -12.03 | 60.37 5.24 -12.17 |
| BINGHAMTON___COGEN 23790 | 40.92 0.53 0.00 | 38.32 0.15 0.00 | 36.72 0.00 0.00 | 34.12 0.03 0.00 | 34.28 0.03 0.00 | 35.95 0.07 0.00 | 37.32 0.48 0.00 | 42.99 1.05 0.00 | 42.94 1.01 0.00 | 46.25 1.35 0.00 | 52.93 1.89 0.00 | 60.65 2.39 0.00 | 63.95 2.30 -1.23 | 66.70 2.25 -5.31 | 65.63 2.30 -7.26 | 68.11 2.34 -8.70 | 71.52 2.37 -9.86 | 67.47 2.29 -7.94 | 64.43 2.24 -1.75 | 56.02 1.97 -0.88 | 54.11 1.81 -0.58 | 51.20 1.43 -0.48 | 49.61 1.06 -0.21 | 43.57 0.60 0.00 |

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|----------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| BLACK RIVER___HYD 24047 | 43.27 2.87 0.00 | 40.65 2.48 0.00 | 39.03 2.31 0.00 | 36.17 2.08 0.00 | 36.33 2.09 0.00 | 38.11 2.22 0.00 | 39.35 2.51 0.00 | 45.29 3.36 0.00 | 45.28 3.35 0.00 | 48.67 3.77 0.00 | 55.48 4.44 0.00 | 63.39 5.13 0.00 | 65.26 4.83 0.00 | 63.93 4.79 0.00 | 60.56 4.49 0.00 | 61.30 4.22 0.00 | 64.33 5.04 0.00 | 60.78 3.55 0.00 | 64.31 3.87 0.00 | 56.68 3.51 0.00 | 55.29 3.57 0.00 | 52.84 3.55 0.00 | 51.77 3.43 0.00 | 45.71 2.75 0.00 |
| BLISS_WT_PWR 323608 | 39.75 -0.65 0.00 | 37.06 -1.11 0.00 | 35.51 -1.21 0.00 | 33.13 -0.95 0.00 | 33.22 -1.03 0.00 | 35.09 -0.79 0.00 | 36.81 -0.04 0.00 | 43.07 1.13 0.00 | 43.23 1.30 0.00 | 46.56 1.66 0.00 | 53.29 2.25 0.00 | 61.06 2.80 0.00 | 62.93 1.87 -0.64 | 63.36 1.48 -2.75 | 61.84 2.02 -3.75 | 63.80 2.23 -4.49 | 66.16 1.78 -5.10 | 62.89 1.55 -4.10 | 62.43 1.09 -0.91 | 55.17 1.54 -0.45 | 53.42 1.40 -0.30 | 50.18 0.64 -0.25 | 48.69 0.24 -0.11 | 41.76 -1.20 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 41.69 1.29 0.00 | 39.12 0.95 0.00 | 37.49 0.77 0.00 | 34.80 0.72 0.00 | 35.03 0.79 0.00 | 36.60 0.72 0.00 | 37.43 0.59 0.00 | 42.90 0.96 0.00 | 43.06 1.13 0.00 | 46.25 1.35 0.00 | 52.57 1.53 0.00 | 60.01 1.75 0.00 | 61.36 1.93 1.00 | 56.73 1.89 4.30 | 52.03 1.85 5.89 | 51.91 1.88 7.05 | 53.26 1.96 7.99 | 52.75 1.95 6.44 | 61.07 2.05 1.42 | 54.27 1.81 0.71 | 53.11 1.86 0.47 | 50.58 1.68 0.39 | 49.80 1.64 0.17 | 44.34 1.37 0.00 |
| BOC_GAS_DRP 24189 | 41.61 1.21 0.00 | 39.01 0.84 0.00 | 37.42 0.70 0.00 | 34.74 0.65 0.00 | 34.96 0.72 0.00 | 36.56 0.68 0.00 | 37.47 0.63 0.00 | 42.90 0.96 0.00 | 43.06 1.13 0.00 | 46.29 1.39 0.00 | 52.62 1.58 0.00 | 60.01 1.75 0.00 | 60.96 1.93 1.39 | 55.08 1.95 6.02 | 49.75 1.91 8.22 | 49.17 1.94 9.85 | 50.14 2.02 11.16 | 50.19 1.95 8.99 | 60.51 2.05 1.99 | 54.04 1.86 1.00 | 52.87 1.81 0.66 | 50.42 1.68 0.54 | 49.74 1.64 0.24 | 44.30 1.33 0.00 |
| BORALEX_4TH_BRANCH 23824 | 42.46 2.06 0.00 | 39.85 1.68 0.00 | 38.26 1.54 0.00 | 35.59 1.50 0.00 | 35.78 1.54 0.00 | 37.39 1.51 0.00 | 38.39 1.55 0.00 | 43.74 1.80 0.00 | 43.86 1.93 0.00 | 47.06 2.16 0.00 | 53.29 2.25 0.00 | 60.59 2.33 0.00 | 62.61 2.54 0.35 | 60.15 2.54 1.53 | 56.50 2.52 2.09 | 57.14 2.57 2.51 | 59.00 2.55 2.84 | 57.52 2.58 2.29 | 62.71 2.78 0.51 | 55.47 2.55 0.25 | 54.14 2.59 0.17 | 51.57 2.42 0.14 | 50.59 2.32 0.06 | 45.33 2.36 0.00 |
| BOWLINE___1 23526 | 43.51 3.11 0.00 | 40.54 2.37 0.00 | 38.70 1.98 0.00 | 35.86 1.77 0.00 | 36.06 1.81 0.00 | 37.68 1.79 0.00 | 39.16 2.32 0.00 | 45.54 3.61 0.00 | 45.83 3.90 0.00 | 49.39 4.49 0.00 | 56.45 5.41 0.00 | 64.61 6.35 0.00 | 73.74 6.95 -6.37 | 93.51 6.86 -27.51 | 100.35 6.67 -37.60 | 108.90 6.79 -45.03 | 117.39 7.06 -51.05 | 105.23 6.87 -41.12 | 76.65 7.13 -9.08 | 63.94 6.22 -4.55 | 60.73 6.00 -3.01 | 57.39 5.62 -2.48 | 54.85 5.41 -1.10 | 47.09 4.12 0.00 |
| BOWLINE___2 23595 | 43.51 3.11 0.00 | 40.54 2.37 0.00 | 38.70 1.98 0.00 | 35.86 1.77 0.00 | 36.06 1.81 0.00 | 37.68 1.79 0.00 | 39.16 2.32 0.00 | 45.54 3.61 0.00 | 45.87 3.94 0.00 | 49.48 4.58 0.00 | 56.55 5.51 0.00 | 64.67 6.41 0.00 | 73.80 7.01 -6.37 | 93.57 6.92 -27.51 | 100.41 6.73 -37.61 | 108.97 6.85 -45.04 | 117.46 7.11 -51.05 | 105.29 6.93 -41.13 | 76.71 7.19 -9.08 | 64.00 6.27 -4.55 | 60.79 6.05 -3.01 | 57.39 5.62 -2.48 | 54.85 5.41 -1.10 | 47.09 4.12 0.00 |
| BROOKHAVEN___DRP 24191 | 50.38 4.20 -5.78 | 46.15 3.36 -4.62 | 39.66 2.94 0.00 | 38.00 2.73 -1.19 | 38.29 2.77 -1.27 | 40.60 2.83 -1.89 | 46.71 3.39 -6.47 | 54.55 5.24 -7.37 | 60.54 5.83 -12.79 | 69.87 6.78 -18.18 | 102.56 7.66 -43.87 | 110.27 8.80 -43.21 | 119.54 9.49 -49.63 | 141.85 9.17 -73.55 | 145.73 8.80 -80.85 | 150.24 8.90 -84.26 | 148.81 9.25 -80.28 | 145.80 9.04 -79.52 | 136.41 9.55 -66.42 | 102.69 8.35 -41.17 | 112.69 8.17 -52.79 | 92.65 7.59 -35.77 | 67.71 7.35 -12.03 | 60.37 5.24 -12.17 |
| BROOKLYN_NAVY_YARD 23515 | 44.20 3.80 0.00 | 41.15 2.98 0.00 | 39.25 2.53 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.11 2.22 0.00 | 39.64 2.80 0.00 | 46.17 4.24 0.00 | 46.44 4.49 -0.03 | 50.08 5.16 -0.02 | 57.18 6.13 -0.01 | 65.31 7.05 0.00 | 74.68 7.67 -6.58 | 94.85 7.27 -28.44 | 101.95 7.01 -38.87 | 110.82 7.19 -46.55 | 119.47 7.41 -52.77 | 106.96 7.21 -42.51 | 77.62 7.80 -9.39 | 64.79 6.91 -4.71 | 61.66 6.83 -3.11 | 58.16 6.31 -2.57 | 55.48 5.99 -1.16 | 47.73 4.77 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| BROOME___LFGE 323600 | 40.92 0.53 0.00 | 38.32 0.15 0.00 | 36.72 0.00 0.00 | 34.12 0.03 0.00 | 34.28 0.03 0.00 | 35.95 0.07 0.00 | 37.32 0.48 0.00 | 42.99 1.05 0.00 | 42.94 1.01 0.00 | 46.25 1.35 0.00 | 52.93 1.89 0.00 | 60.65 2.39 0.00 | 63.95 2.30 -1.23 | 66.70 2.25 -5.31 | 65.63 2.30 -7.26 | 68.11 2.34 -8.70 | 71.52 2.37 -9.86 | 67.47 2.29 -7.94 | 64.43 2.24 -1.75 | 56.02 1.97 -0.88 | 54.11 1.81 -0.58 | 51.20 1.43 -0.48 | 49.61 1.06 -0.21 | 43.57 0.60 0.00 |
| BURROWS___LYONSDAL 23803 | 42.09 1.70 0.00 | 39.62 1.45 0.00 | 38.04 1.32 0.00 | 35.32 1.23 0.00 | 35.48 1.23 0.00 | 37.17 1.29 0.00 | 38.32 1.47 0.00 | 43.99 2.05 0.00 | 43.94 2.01 0.00 | 47.19 2.29 0.00 | 53.80 2.76 0.00 | 61.41 3.15 0.00 | 63.32 2.90 0.00 | 62.04 2.90 0.00 | 58.82 2.75 0.00 | 59.59 2.51 0.00 | 62.31 3.02 0.00 | 59.58 2.35 0.00 | 62.98 2.54 0.00 | 55.46 2.29 0.00 | 54.00 2.28 0.00 | 51.61 2.32 0.00 | 50.56 2.22 0.00 | 44.73 1.76 0.00 |
| CAITHNESS_CC_1 323624 | 50.34 4.16 -5.78 | 46.11 3.32 -4.62 | 39.66 2.94 0.00 | 37.97 2.69 -1.19 | 38.25 2.74 -1.27 | 40.57 2.80 -1.89 | 46.67 3.35 -6.47 | 54.47 5.16 -7.37 | 60.46 5.74 -12.79 | 69.73 6.65 -18.18 | 102.41 7.50 -43.87 | 110.04 8.56 -43.21 | 119.36 9.30 -49.63 | 141.68 8.99 -73.55 | 145.50 8.58 -80.85 | 150.01 8.68 -84.26 | 148.58 9.01 -80.28 | 145.57 8.81 -79.52 | 136.23 9.37 -66.42 | 102.47 8.14 -41.17 | 112.53 8.02 -52.79 | 92.51 7.44 -35.77 | 67.61 7.25 -12.03 | 60.25 5.11 -12.17 |
| CALPINE BETH_PAGE_GT4 24209 | 50.70 4.52 -5.78 | 46.42 3.63 -4.62 | 39.91 3.19 0.00 | 38.18 2.90 -1.19 | 38.46 2.94 -1.27 | 40.78 3.01 -1.89 | 46.89 3.57 -6.47 | 54.51 5.20 -7.37 | 60.21 5.49 -12.79 | 69.19 6.11 -18.18 | 101.95 7.04 -43.87 | 109.46 7.98 -43.21 | 118.57 8.52 -49.63 | 140.97 8.28 -73.55 | 144.94 8.02 -80.85 | 149.50 8.16 -84.26 | 147.98 8.42 -80.28 | 144.94 8.18 -79.52 | 135.50 8.64 -66.42 | 101.89 7.55 -41.17 | 112.07 7.55 -52.79 | 92.16 7.10 -35.77 | 67.18 6.82 -12.03 | 60.37 5.24 -12.17 |
| CALPINE_BETH_PAGE_GT_4 323586 | 50.70 4.52 -5.78 | 46.42 3.63 -4.62 | 39.91 3.19 0.00 | 38.18 2.90 -1.19 | 38.46 2.94 -1.27 | 40.78 3.01 -1.89 | 46.89 3.57 -6.47 | 54.51 5.20 -7.37 | 60.21 5.49 -12.79 | 69.19 6.11 -18.18 | 101.95 7.04 -43.87 | 109.46 7.98 -43.21 | 118.57 8.52 -49.63 | 140.97 8.28 -73.55 | 144.94 8.02 -80.85 | 149.50 8.16 -84.26 | 147.98 8.42 -80.28 | 144.94 8.18 -79.52 | 135.50 8.64 -66.42 | 101.89 7.55 -41.17 | 112.07 7.55 -52.79 | 92.16 7.10 -35.77 | 67.18 6.82 -12.03 | 60.37 5.24 -12.17 |
| CALPINE_BP_GT1 23823 | 50.70 4.52 -5.78 | 46.42 3.63 -4.62 | 39.91 3.19 0.00 | 38.18 2.90 -1.19 | 38.46 2.94 -1.27 | 40.78 3.01 -1.89 | 46.89 3.57 -6.47 | 54.51 5.20 -7.37 | 60.21 5.49 -12.79 | 69.19 6.11 -18.18 | 101.95 7.04 -43.87 | 109.46 7.98 -43.21 | 118.57 8.52 -49.63 | 140.97 8.28 -73.55 | 144.94 8.02 -80.85 | 149.50 8.16 -84.26 | 147.98 8.42 -80.28 | 144.94 8.18 -79.52 | 135.50 8.64 -66.42 | 101.89 7.55 -41.17 | 112.07 7.55 -52.79 | 92.16 7.10 -35.77 | 67.18 6.82 -12.03 | 60.37 5.24 -12.17 |

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| CALSPAN___DRP 24200 | 38.46 -1.94 0.00 | 35.99 -2.18 0.00 | 34.63 -2.09 0.00 | 32.35 -1.74 0.00 | 32.39 -1.85 0.00 | 34.05 -1.83 0.00 | 35.44 -1.40 0.00 | 40.85 -1.09 0.00 | 40.80 -1.13 0.00 | 43.64 -1.26 0.00 | 49.77 -1.28 0.00 | 56.75 -1.51 0.00 | 58.19 -2.84 -0.61 | 58.51 -3.25 -2.62 | 57.41 -2.24 -3.59 | 59.20 -2.17 -4.30 | 61.37 -2.79 -4.87 | 58.47 -2.69 -3.92 | 58.16 -3.14 -0.87 | 51.64 -1.97 -0.43 | 50.20 -1.81 -0.29 | 47.31 -2.22 -0.24 | 46.41 -2.03 -0.11 | 40.43 -2.53 0.00 |
| CANDIGU_WT_PWR 323617 | 40.16 -0.24 0.00 | 37.52 -0.65 0.00 | 35.95 -0.77 0.00 | 33.48 -0.61 0.00 | 33.63 -0.62 0.00 | 35.38 -0.50 0.00 | 36.88 0.04 0.00 | 42.61 0.67 0.00 | 42.56 0.63 0.00 | 45.80 0.90 0.00 | 52.42 1.38 0.00 | 59.95 1.69 0.00 | 62.33 1.09 -0.82 | 63.58 0.89 -3.55 | 62.21 1.29 -4.86 | 64.32 1.43 -5.81 | 67.07 1.19 -6.59 | 63.75 1.20 -5.31 | 62.52 0.91 -1.17 | 54.82 1.06 -0.59 | 53.09 0.98 -0.39 | 50.10 0.49 -0.32 | 48.72 0.24 -0.14 | 42.45 -0.52 0.00 |
| CARR STREET_E_SYR 24060 | 40.44 0.04 0.00 | 38.02 -0.15 0.00 | 36.46 -0.26 0.00 | 33.88 -0.20 0.00 | 34.04 -0.21 0.00 | 35.74 -0.14 0.00 | 36.92 0.07 0.00 | 42.27 0.34 0.00 | 42.14 0.21 0.00 | 45.22 0.31 0.00 | 51.60 0.56 0.00 | 59.02 0.76 0.00 | 61.29 0.54 -0.32 | 61.01 0.47 -1.40 | 58.43 0.45 -1.91 | 59.83 0.46 -2.29 | 62.30 0.42 -2.60 | 59.73 0.40 -2.09 | 61.14 0.24 -0.46 | 53.72 0.32 -0.23 | 52.19 0.31 -0.15 | 49.66 0.25 -0.13 | 48.39 0.00 -0.06 | 43.09 0.13 0.00 |
| CARTHAGE___PAPER 23857 | 42.86 2.46 0.00 | 40.35 2.18 0.00 | 38.74 2.02 0.00 | 35.90 1.81 0.00 | 36.06 1.81 0.00 | 37.82 1.94 0.00 | 39.02 2.17 0.00 | 44.83 2.89 0.00 | 44.78 2.85 0.00 | 48.09 3.19 0.00 | 54.77 3.73 0.00 | 62.52 4.25 0.00 | 64.41 3.99 0.00 | 63.04 3.90 0.00 | 59.71 3.64 0.00 | 60.50 3.42 0.00 | 63.38 4.09 0.00 | 60.10 2.86 0.00 | 63.58 3.14 0.00 | 55.99 2.82 0.00 | 54.62 2.90 0.00 | 52.30 3.01 0.00 | 51.33 3.00 0.00 | 45.28 2.32 0.00 |
| CE_DUNWOOD___DRP 24194 | 43.79 3.39 0.00 | 40.80 2.63 0.00 | 38.96 2.24 0.00 | 36.10 2.01 0.00 | 36.30 2.05 0.00 | 37.93 2.05 0.00 | 39.38 2.54 0.00 | 45.80 3.86 0.00 | 46.16 4.23 0.00 | 49.80 4.89 0.00 | 56.86 5.82 0.00 | 64.96 6.70 0.00 | 74.24 7.25 -6.57 | 94.60 7.10 -28.37 | 101.69 6.84 -38.78 | 110.48 6.96 -46.44 | 119.16 7.23 -52.64 | 106.68 7.04 -42.41 | 77.18 7.37 -9.36 | 64.35 6.49 -4.69 | 61.14 6.31 -3.11 | 57.76 5.91 -2.56 | 55.18 5.70 -1.14 | 47.35 4.38 0.00 |
| CE_MILLWOOD___DRP 24193 | 43.67 3.27 0.00 | 40.69 2.52 0.00 | 38.85 2.13 0.00 | 36.00 1.91 0.00 | 36.19 1.95 0.00 | 37.82 1.94 0.00 | 39.27 2.43 0.00 | 45.67 3.73 0.00 | 46.00 4.07 0.00 | 49.62 4.71 0.00 | 56.66 5.61 0.00 | 64.73 6.47 0.00 | 73.97 7.01 -6.54 | 94.25 6.86 -28.25 | 101.36 6.67 -38.61 | 110.11 6.79 -46.24 | 118.76 7.06 -52.42 | 106.33 6.87 -42.23 | 76.95 7.19 -9.32 | 64.12 6.27 -4.67 | 60.92 6.10 -3.09 | 57.56 5.72 -2.55 | 54.98 5.51 -1.13 | 47.22 4.25 0.00 |
| CE_NYC2_DRP 24202 | 44.32 3.92 -0.01 | 41.27 3.09 -0.01 | 39.37 2.64 -0.01 | 36.48 2.39 -0.01 | 36.68 2.43 -0.01 | 38.32 2.44 0.00 | 39.83 2.98 0.00 | 51.96 4.45 -5.58 | 57.58 4.78 -10.87 | 57.94 5.48 -7.56 | 59.51 6.33 -2.13 | 65.37 7.11 0.00 | 74.74 7.73 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.53 7.47 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.68 6.81 -4.71 | 61.51 6.67 -3.11 | 58.31 6.46 -2.57 | 58.21 6.28 -3.59 | 57.16 4.98 -9.21 |
| CE_NYC_DRP 24195 | 44.24 3.84 0.00 | 41.15 2.98 0.00 | 39.25 2.53 0.00 | 36.37 2.28 0.00 | 36.57 2.33 0.00 | 38.22 2.33 0.00 | 39.72 2.87 0.00 | 46.30 4.36 0.00 | 51.44 4.74 -4.78 | 53.03 5.43 -2.70 | 59.53 6.43 -2.06 | 65.60 7.34 0.00 | 74.92 7.92 -6.58 | 95.20 7.63 -28.44 | 102.29 7.35 -38.87 | 111.11 7.48 -46.55 | 119.82 7.77 -52.77 | 107.30 7.56 -42.51 | 77.80 7.98 -9.39 | 64.90 7.02 -4.71 | 61.71 6.88 -3.11 | 58.36 6.51 -2.57 | 55.73 6.24 -1.16 | 47.86 4.90 0.00 |
| CHAFFEE___LFGE 323603 | 39.15 -1.25 0.00 | 36.53 -1.64 0.00 | 35.07 -1.65 0.00 | 32.73 -1.36 0.00 | 32.80 -1.44 0.00 | 34.56 -1.33 0.00 | 36.14 -0.70 0.00 | 42.06 0.13 0.00 | 42.14 0.21 0.00 | 45.26 0.36 0.00 | 51.71 0.66 0.00 | 59.19 0.93 0.00 | 60.86 -0.18 -0.62 | 61.23 -0.59 -2.68 | 59.96 0.22 -3.67 | 61.87 0.40 -4.39 | 64.15 -0.12 -4.98 | 61.08 -0.17 -4.01 | 60.66 -0.66 -0.89 | 53.72 0.11 -0.44 | 52.12 0.10 -0.29 | 49.04 -0.49 -0.24 | 47.76 -0.68 -0.11 | 41.20 -1.76 0.00 |
| CHATEAUG_WT_PWR 323614 | 39.83 -0.57 0.00 | 38.06 -0.11 0.00 | 36.83 0.11 0.00 | 34.05 -0.03 0.00 | 34.14 -0.10 0.00 | 35.88 0.00 0.00 | 36.62 -0.22 0.00 | 41.27 -0.67 0.00 | 41.26 -0.67 0.00 | 44.09 -0.81 0.00 | 49.87 -1.17 0.00 | 56.81 -1.46 0.00 | 59.09 -1.33 0.00 | 57.90 -1.24 0.00 | 54.61 -1.46 0.00 | 55.54 -1.54 0.00 | 57.81 -1.48 0.00 | 55.81 -1.43 0.00 | 59.05 -1.39 0.00 | 51.63 -1.54 0.00 | 50.22 -1.50 0.00 | 48.21 -1.08 0.00 | 47.46 -0.87 0.00 | 42.02 -0.95 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 39.47 -0.93 0.00 | 37.83 -0.34 0.00 | 36.61 -0.11 0.00 | 33.85 -0.24 0.00 | 33.93 -0.31 0.00 | 35.67 -0.22 0.00 | 36.40 -0.44 0.00 | 40.89 -1.05 0.00 | 40.92 -1.01 0.00 | 43.69 -1.21 0.00 | 49.36 -1.68 0.00 | 56.28 -1.98 0.00 | 58.55 -1.87 0.00 | 57.37 -1.77 0.00 | 54.11 -1.96 0.00 | 55.02 -2.05 0.00 | 57.33 -1.96 0.00 | 55.29 -1.95 0.00 | 58.56 -1.87 0.00 | 51.15 -2.02 0.00 | 49.76 -1.97 0.00 | 47.76 -1.53 0.00 | 47.03 -1.30 0.00 | 41.63 -1.33 0.00 |
| CHAUTAUQUA___LFGE 323629 | 37.77 -2.63 0.00 | 35.50 -2.67 0.00 | 34.04 -2.68 0.00 | 31.74 -2.35 0.00 | 31.85 -2.40 0.00 | 33.48 -2.40 0.00 | 35.00 -1.84 0.00 | 40.13 -1.80 0.00 | 39.96 -1.97 0.00 | 42.93 -1.98 0.00 | 49.15 -1.89 0.00 | 56.40 -1.86 0.00 | 58.37 -2.72 -0.67 | 59.19 -2.84 -2.89 | 58.06 -1.96 -3.95 | 59.93 -1.88 -4.73 | 62.28 -2.37 -5.37 | 59.33 -2.23 -4.32 | 58.49 -2.90 -0.95 | 51.47 -2.18 -0.48 | 49.76 -2.28 -0.32 | 46.69 -2.86 -0.26 | 45.36 -3.09 -0.12 | 39.23 -3.74 0.00 |
| CH_MIDHUDSON___DRP 24192 | 43.67 3.27 0.00 | 40.73 2.56 0.00 | 38.92 2.20 0.00 | 36.07 1.98 0.00 | 36.26 2.02 0.00 | 37.93 2.05 0.00 | 39.35 2.51 0.00 | 45.80 3.86 0.00 | 46.00 4.07 0.00 | 49.57 4.67 0.00 | 56.50 5.46 0.00 | 64.67 6.41 0.00 | 72.48 6.95 -5.11 | 88.08 6.86 -22.08 | 92.87 6.62 -30.18 | 99.96 6.74 -36.15 | 107.20 6.94 -40.97 | 97.00 6.75 -33.01 | 74.74 7.01 -7.29 | 62.99 6.17 -3.65 | 60.14 6.00 -2.42 | 56.85 5.57 -1.99 | 54.68 5.46 -0.89 | 47.26 4.30 0.00 |
| CH_MISC_IPPS 23765 | 43.95 3.56 0.00 | 41.00 2.82 0.00 | 39.14 2.42 0.00 | 36.27 2.18 0.00 | 36.47 2.23 0.00 | 38.14 2.26 0.00 | 39.61 2.76 0.00 | 46.01 4.07 0.00 | 45.95 4.03 0.00 | 49.30 4.40 0.00 | 56.15 5.10 0.00 | 64.26 6.00 0.00 | 72.64 6.53 -5.69 | 90.22 6.51 -24.57 | 95.94 6.28 -33.59 | 103.64 6.34 -40.23 | 111.47 6.58 -45.60 | 100.32 6.35 -36.73 | 75.20 6.65 -8.11 | 63.09 5.85 -4.07 | 60.05 5.64 -2.69 | 56.73 5.22 -2.22 | 54.93 5.61 -0.99 | 47.60 4.64 0.00 |
| CH_RES_BVR_FALLS 23983 | 40.11 -0.28 0.00 | 38.02 -0.15 0.00 | 36.61 -0.11 0.00 | 33.95 -0.14 0.00 | 34.11 -0.14 0.00 | 35.74 -0.14 0.00 | 36.62 -0.22 0.00 | 41.60 -0.34 0.00 | 41.59 -0.34 0.00 | 44.45 -0.45 0.00 | 50.48 -0.56 0.00 | 57.56 -0.70 0.00 | 59.76 -0.66 0.00 | 58.43 -0.71 0.00 | 55.40 -0.67 0.00 | 56.39 -0.68 0.00 | 58.64 -0.65 0.00 | 56.55 -0.69 0.00 | 59.65 -0.79 0.00 | 52.21 -0.96 0.00 | 50.64 -1.09 0.00 | 48.21 -1.08 0.00 | 47.27 -1.06 0.00 | 41.98 -0.99 0.00 |
| CH_RES_NIAGARA 23895 | 38.26 -2.14 0.00 | 35.80 -2.37 0.00 | 34.52 -2.20 0.00 | 32.28 -1.81 0.00 | 32.33 -1.92 0.00 | 33.95 -1.94 0.00 | 35.22 -1.62 0.00 | 40.55 -1.38 0.00 | 40.42 -1.51 0.00 | 43.02 -1.89 0.00 | 48.90 -2.14 0.00 | 55.58 -2.68 0.00 | 56.57 -4.41 -0.56 | 56.64 -4.91 -2.41 | 55.66 -3.70 -3.29 | 57.31 -3.71 -3.94 | 59.31 -4.45 -4.47 | 56.60 -4.24 -3.60 | 56.52 -4.71 -0.80 | 50.49 -3.08 -0.40 | 49.25 -2.74 -0.26 | 46.55 -2.96 -0.22 | 45.92 -2.51 -0.10 | 40.26 -2.71 0.00 |

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| CH_RES_SYRACUSE 23985 | 40.52 0.12 0.00 | 38.09 -0.08 0.00 | 36.54 -0.18 0.00 | 33.95 -0.14 0.00 | 34.11 -0.14 0.00 | 35.81 -0.07 0.00 | 36.95 0.11 0.00 | 42.40 0.46 0.00 | 42.26 0.34 0.00 | 45.35 0.45 0.00 | 51.60 0.56 0.00 | 58.96 0.70 0.00 | 61.33 0.54 -0.37 | 61.26 0.53 -1.59 | 58.68 0.45 -2.17 | 60.19 0.51 -2.59 | 62.53 0.30 -2.94 | 59.95 0.34 -2.37 | 61.20 0.24 -0.52 | 53.75 0.32 -0.26 | 52.31 0.41 -0.17 | 49.78 0.35 -0.14 | 48.49 0.10 -0.06 | 43.18 0.21 0.00 |
| CLINTON_WT_PWR 323605 | 39.83 -0.57 0.00 | 38.06 -0.11 0.00 | 36.83 0.11 0.00 | 34.05 -0.03 0.00 | 34.14 -0.10 0.00 | 35.88 0.00 0.00 | 36.62 -0.22 0.00 | 41.27 -0.67 0.00 | 41.26 -0.67 0.00 | 44.09 -0.81 0.00 | 49.87 -1.17 0.00 | 56.81 -1.46 0.00 | 59.09 -1.33 0.00 | 57.90 -1.24 0.00 | 54.61 -1.46 0.00 | 55.54 -1.54 0.00 | 57.81 -1.48 0.00 | 55.81 -1.43 0.00 | 59.05 -1.39 0.00 | 51.63 -1.54 0.00 | 50.22 -1.50 0.00 | 48.21 -1.08 0.00 | 47.46 -0.87 0.00 | 42.02 -0.95 0.00 |
| CLINTON__LFGE 323618 | 40.16 -0.24 0.00 | 38.32 0.15 0.00 | 37.09 0.37 0.00 | 34.26 0.17 0.00 | 34.31 0.07 0.00 | 36.10 0.22 0.00 | 36.88 0.04 0.00 | 41.60 -0.34 0.00 | 41.64 -0.29 0.00 | 44.50 -0.40 0.00 | 50.38 -0.66 0.00 | 57.39 -0.87 0.00 | 59.70 -0.73 0.00 | 58.49 -0.65 0.00 | 55.12 -0.95 0.00 | 55.99 -1.08 0.00 | 58.34 -0.95 0.00 | 56.32 -0.92 0.00 | 59.65 -0.79 0.00 | 52.05 -1.12 0.00 | 50.59 -1.14 0.00 | 48.55 -0.74 0.00 | 47.85 -0.48 0.00 | 42.36 -0.60 0.00 |
| COLONIE_LFGE__ 323577 | 42.54 2.14 0.00 | 39.93 1.76 0.00 | 38.26 1.54 0.00 | 35.55 1.47 0.00 | 35.78 1.54 0.00 | 37.43 1.54 0.00 | 38.28 1.44 0.00 | 43.66 1.72 0.00 | 43.90 1.97 0.00 | 47.15 2.25 0.00 | 53.39 2.35 0.00 | 60.71 2.45 0.00 | 62.35 2.60 0.67 | 58.90 2.66 2.90 | 54.73 2.64 3.97 | 55.00 2.68 4.75 | 56.69 2.79 5.39 | 55.64 2.75 4.34 | 62.44 2.96 0.96 | 55.30 2.61 0.48 | 54.15 2.74 0.32 | 51.59 2.56 0.26 | 50.68 2.46 0.12 | 45.33 2.36 0.00 |
| CORNELL____ 23752 | 40.28 -0.12 0.00 | 38.06 -0.11 0.00 | 36.50 -0.22 0.00 | 34.05 -0.03 0.00 | 34.21 -0.03 0.00 | 35.78 -0.11 0.00 | 37.03 0.18 0.00 | 42.32 0.38 0.00 | 42.22 0.29 0.00 | 45.39 0.49 0.00 | 51.91 0.87 0.00 | 59.37 1.11 0.00 | 62.07 0.91 -0.74 | 63.22 0.89 -3.20 | 61.17 0.73 -4.37 | 63.11 0.80 -5.24 | 65.99 0.77 -5.93 | 62.76 0.74 -4.78 | 62.16 0.66 -1.06 | 54.34 0.64 -0.53 | 52.64 0.57 -0.35 | 49.97 0.39 -0.29 | 48.51 0.05 -0.13 | 42.92 -0.04 0.00 |
| COXSACKIE__GT 23611 | 43.87 3.47 0.00 | 41.03 2.86 0.00 | 39.25 2.53 0.00 | 36.37 2.28 0.00 | 36.61 2.36 0.00 | 38.39 2.51 0.00 | 39.61 2.76 0.00 | 46.47 4.53 0.00 | 46.71 4.78 0.00 | 50.24 5.34 0.00 | 57.32 6.28 0.00 | 65.84 7.57 0.00 | 71.82 8.10 -3.30 | 81.61 8.22 -14.25 | 83.45 7.91 -19.48 | 88.11 7.71 -23.33 | 93.79 8.06 -26.44 | 86.26 7.73 -21.30 | 73.24 8.10 -4.70 | 62.60 7.07 -2.36 | 60.21 6.93 -1.56 | 56.88 6.31 -1.29 | 54.80 5.90 -0.57 | 47.35 4.38 0.00 |
| CRESCENT__HYD 24018 | 42.54 2.14 0.00 | 39.93 1.76 0.00 | 38.26 1.54 0.00 | 35.55 1.47 0.00 | 35.78 1.54 0.00 | 37.43 1.54 0.00 | 38.28 1.44 0.00 | 43.66 1.72 0.00 | 43.90 1.97 0.00 | 47.15 2.25 0.00 | 53.39 2.35 0.00 | 60.71 2.45 0.00 | 62.35 2.60 0.67 | 58.90 2.66 2.90 | 54.73 2.64 3.97 | 55.00 2.68 4.75 | 56.69 2.79 5.39 | 55.64 2.75 4.34 | 62.44 2.96 0.96 | 55.30 2.61 0.48 | 54.15 2.74 0.32 | 51.59 2.56 0.26 | 50.68 2.46 0.12 | 45.33 2.36 0.00 |
| CRUCIBLE_METL_DRP 24180 | 40.52 0.12 0.00 | 38.09 -0.08 0.00 | 36.54 -0.18 0.00 | 33.95 -0.14 0.00 | 34.11 -0.14 0.00 | 35.81 -0.07 0.00 | 36.95 0.11 0.00 | 42.40 0.46 0.00 | 42.26 0.34 0.00 | 45.35 0.45 0.00 | 51.60 0.56 0.00 | 58.96 0.70 0.00 | 61.33 0.54 -0.37 | 61.26 0.53 -1.59 | 58.68 0.45 -2.17 | 60.19 0.51 -2.59 | 62.53 0.30 -2.94 | 59.95 0.34 -2.37 | 61.20 0.24 -0.52 | 53.75 0.32 -0.26 | 52.31 0.41 -0.17 | 49.78 0.35 -0.14 | 48.49 0.10 -0.06 | 43.18 0.21 0.00 |
| DANC__LFGE 323619 | 43.27 2.87 0.00 | 40.65 2.48 0.00 | 39.03 2.31 0.00 | 36.17 2.08 0.00 | 36.33 2.09 0.00 | 38.11 2.22 0.00 | 39.35 2.51 0.00 | 45.29 3.36 0.00 | 45.28 3.35 0.00 | 48.67 3.77 0.00 | 55.48 4.44 0.00 | 63.39 5.13 0.00 | 65.26 4.83 0.00 | 63.93 4.79 0.00 | 60.56 4.49 0.00 | 61.30 4.22 0.00 | 64.33 5.04 0.00 | 60.78 3.55 0.00 | 64.31 3.87 0.00 | 56.68 3.51 0.00 | 55.29 3.57 0.00 | 52.84 3.55 0.00 | 51.77 3.43 0.00 | 45.71 2.75 0.00 |
| DANSKAMMER__1 23586 | 43.95 3.56 0.00 | 41.00 2.82 0.00 | 39.14 2.42 0.00 | 36.27 2.18 0.00 | 36.47 2.23 0.00 | 38.14 2.26 0.00 | 39.61 2.76 0.00 | 46.01 4.07 0.00 | 45.95 4.03 0.00 | 49.30 4.40 0.00 | 56.15 5.10 0.00 | 64.26 6.00 0.00 | 72.64 6.53 -5.69 | 90.22 6.51 -24.57 | 95.94 6.28 -33.59 | 103.64 6.34 -40.23 | 111.47 6.58 -45.60 | 100.32 6.35 -36.73 | 75.20 6.65 -8.11 | 63.09 5.85 -4.07 | 60.05 5.64 -2.69 | 56.73 5.22 -2.22 | 54.93 5.61 -0.99 | 47.60 4.64 0.00 |
| DANSKAMMER__2 23589 | 43.95 3.56 0.00 | 41.00 2.82 0.00 | 39.14 2.42 0.00 | 36.27 2.18 0.00 | 36.47 2.23 0.00 | 38.14 2.26 0.00 | 39.61 2.76 0.00 | 46.01 4.07 0.00 | 45.95 4.03 0.00 | 49.30 4.40 0.00 | 56.15 5.10 0.00 | 64.26 6.00 0.00 | 72.64 6.53 -5.69 | 90.22 6.51 -24.57 | 95.94 6.28 -33.59 | 103.64 6.34 -40.23 | 111.47 6.58 -45.60 | 100.32 6.35 -36.73 | 75.20 6.65 -8.11 | 63.09 5.85 -4.07 | 60.05 5.64 -2.69 | 56.73 5.22 -2.22 | 54.93 5.61 -0.99 | 47.60 4.64 0.00 |
| DANSKAMMER__3 23590 | 43.95 3.56 0.00 | 41.00 2.82 0.00 | 39.14 2.42 0.00 | 36.27 2.18 0.00 | 36.47 2.23 0.00 | 38.14 2.26 0.00 | 39.61 2.76 0.00 | 46.01 4.07 0.00 | 45.95 4.03 0.00 | 49.30 4.40 0.00 | 56.15 5.10 0.00 | 64.26 6.00 0.00 | 72.64 6.53 -5.69 | 90.22 6.51 -24.57 | 95.94 6.28 -33.59 | 103.64 6.34 -40.23 | 111.47 6.58 -45.60 | 100.32 6.35 -36.73 | 75.20 6.65 -8.11 | 63.09 5.85 -4.07 | 60.05 5.64 -2.69 | 56.73 5.22 -2.22 | 54.93 5.61 -0.99 | 47.60 4.64 0.00 |
| DANSKAMMER__4 23591 | 43.95 3.56 0.00 | 41.00 2.82 0.00 | 39.14 2.42 0.00 | 36.27 2.18 0.00 | 36.47 2.23 0.00 | 38.14 2.26 0.00 | 39.61 2.76 0.00 | 46.01 4.07 0.00 | 45.95 4.03 0.00 | 49.30 4.40 0.00 | 56.15 5.10 0.00 | 64.26 6.00 0.00 | 72.64 6.53 -5.69 | 90.22 6.51 -24.57 | 95.94 6.28 -33.59 | 103.64 6.34 -40.23 | 111.47 6.58 -45.60 | 100.32 6.35 -36.73 | 75.20 6.65 -8.11 | 63.09 5.85 -4.07 | 60.05 5.64 -2.69 | 56.73 5.22 -2.22 | 54.93 5.61 -0.99 | 47.60 4.64 0.00 |
| DANSKAMMER__DIESEL 23592 | 43.95 3.56 0.00 | 41.00 2.82 0.00 | 39.14 2.42 0.00 | 36.27 2.18 0.00 | 36.47 2.23 0.00 | 38.14 2.26 0.00 | 39.61 2.76 0.00 | 46.01 4.07 0.00 | 45.95 4.03 0.00 | 49.30 4.40 0.00 | 56.15 5.10 0.00 | 64.26 6.00 0.00 | 72.64 6.53 -5.69 | 90.22 6.51 -24.57 | 95.94 6.28 -33.59 | 103.64 6.34 -40.23 | 111.47 6.58 -45.60 | 100.32 6.35 -36.73 | 75.20 6.65 -8.11 | 63.09 5.85 -4.07 | 60.05 5.64 -2.69 | 56.73 5.22 -2.22 | 54.93 5.61 -0.99 | 47.60 4.64 0.00 |
| DASHVILLE__HYD 23610 | 42.90 2.50 0.00 | 39.96 1.79 0.00 | 38.11 1.40 0.00 | 35.32 1.23 0.00 | 35.51 1.27 0.00 | 37.14 1.26 0.00 | 38.65 1.81 0.00 | 44.79 2.85 0.00 | 45.12 3.19 0.00 | 48.72 3.82 0.00 | 55.64 4.59 0.00 | 63.68 5.42 0.00 | 72.12 5.92 -5.78 | 89.95 5.85 -24.95 | 95.84 5.66 -34.11 | 103.75 5.82 -40.85 | 111.58 5.99 -46.30 | 100.38 5.84 -37.30 | 74.72 6.04 -8.24 | 62.56 5.26 -4.13 | 59.47 5.02 -2.73 | 56.17 4.63 -2.25 | 53.98 4.64 -1.00 | 46.53 3.57 0.00 |
| DELAWARE__LFGE 323621 | 41.97 1.58 0.00 | 39.32 1.15 0.00 | 37.64 0.92 0.00 | 34.94 0.85 0.00 | 35.13 0.89 0.00 | 36.78 0.90 0.00 | 38.09 1.25 0.00 | 43.87 1.93 0.00 | 43.98 2.05 0.00 | 47.33 2.42 0.00 | 54.00 2.96 0.00 | 61.70 3.44 0.00 | 65.65 3.56 -1.67 | 69.83 3.49 -7.20 | 69.34 3.42 -9.85 | 72.29 3.42 -11.79 | 76.27 3.62 -13.37 | 71.44 3.43 -10.77 | 66.44 3.63 -2.38 | 57.55 3.19 -1.19 | 55.61 3.10 -0.79 | 52.75 2.81 -0.65 | 51.18 2.56 -0.29 | 44.94 1.98 0.00 |

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| DOGLEVILLE___HYD 23807 | 42.46 2.06 0.00 | 40.00 1.83 0.00 | 38.41 1.69 0.00 | 35.66 1.57 0.00 | 35.89 1.64 0.00 | 37.53 1.65 0.00 | 38.65 1.81 0.00 | 44.16 2.22 0.00 | 44.15 2.22 0.00 | 47.37 2.47 0.00 | 53.90 2.86 0.00 | 61.58 3.32 0.00 | 63.75 3.32 0.00 | 62.22 3.08 0.00 | 58.99 2.92 0.00 | 60.04 2.97 0.00 | 62.61 3.32 0.00 | 60.38 3.15 0.00 | 63.82 3.38 0.00 | 56.15 2.98 0.00 | 54.62 2.90 0.00 | 51.95 2.66 0.00 | 50.90 2.56 0.00 | 45.20 2.23 0.00 |
| DUNKIRK___1 23563 | 37.57 -2.83 0.00 | 35.31 -2.86 0.00 | 33.89 -2.83 0.00 | 31.60 -2.49 0.00 | 31.67 -2.57 0.00 | 33.34 -2.55 0.00 | 34.82 -2.03 0.00 | 39.80 -2.14 0.00 | 39.62 -2.31 0.00 | 42.52 -2.38 0.00 | 48.69 -2.35 0.00 | 55.87 -2.39 0.00 | 57.82 -3.26 -0.66 | 58.58 -3.43 -2.87 | 57.47 -2.52 -3.92 | 59.37 -2.40 -4.69 | 61.70 -2.91 -5.32 | 58.72 -2.80 -4.29 | 57.94 -3.44 -0.95 | 50.99 -2.66 -0.47 | 49.30 -2.74 -0.31 | 46.30 -3.25 -0.26 | 45.02 -3.43 -0.12 | 39.01 -3.95 0.00 |
| DUNKIRK___2 23564 | 37.57 -2.83 0.00 | 35.31 -2.86 0.00 | 33.89 -2.83 0.00 | 31.60 -2.49 0.00 | 31.67 -2.57 0.00 | 33.34 -2.55 0.00 | 34.82 -2.03 0.00 | 39.80 -2.14 0.00 | 39.62 -2.31 0.00 | 42.52 -2.38 0.00 | 48.69 -2.35 0.00 | 55.87 -2.39 0.00 | 57.82 -3.26 -0.66 | 58.58 -3.43 -2.87 | 57.47 -2.52 -3.92 | 59.37 -2.40 -4.69 | 61.70 -2.91 -5.32 | 58.72 -2.80 -4.29 | 57.94 -3.44 -0.95 | 50.99 -2.66 -0.47 | 49.30 -2.74 -0.31 | 46.30 -3.25 -0.26 | 45.02 -3.43 -0.12 | 39.01 -3.95 0.00 |
| DUNKIRK___3 23565 | 37.81 -2.59 0.00 | 35.50 -2.67 0.00 | 34.08 -2.64 0.00 | 31.81 -2.28 0.00 | 31.88 -2.36 0.00 | 33.51 -2.37 0.00 | 35.00 -1.84 0.00 | 40.13 -1.80 0.00 | 39.96 -1.97 0.00 | 42.88 -2.02 0.00 | 49.10 -1.94 0.00 | 56.28 -1.98 0.00 | 58.12 -2.96 -0.66 | 58.87 -3.13 -2.86 | 57.80 -2.19 -3.91 | 59.65 -2.11 -4.69 | 61.99 -2.61 -5.31 | 59.06 -2.46 -4.28 | 58.30 -3.08 -0.95 | 51.36 -2.29 -0.47 | 49.71 -2.33 -0.31 | 46.69 -2.86 -0.26 | 45.50 -2.95 -0.11 | 39.44 -3.52 0.00 |
| DUNKIRK___4 23566 | 37.81 -2.59 0.00 | 35.50 -2.67 0.00 | 34.08 -2.64 0.00 | 31.81 -2.28 0.00 | 31.88 -2.36 0.00 | 33.51 -2.37 0.00 | 35.00 -1.84 0.00 | 40.13 -1.80 0.00 | 39.96 -1.97 0.00 | 42.88 -2.02 0.00 | 49.10 -1.94 0.00 | 56.28 -1.98 0.00 | 58.12 -2.96 -0.66 | 58.87 -3.13 -2.86 | 57.80 -2.19 -3.91 | 59.65 -2.11 -4.69 | 61.99 -2.61 -5.31 | 59.06 -2.46 -4.28 | 58.30 -3.08 -0.95 | 51.36 -2.29 -0.47 | 49.71 -2.33 -0.31 | 46.69 -2.86 -0.26 | 45.50 -2.95 -0.11 | 39.44 -3.52 0.00 |
| EAST HAMPTON___GT 23717 | 53.98 7.80 -5.78 | 49.24 6.45 -4.62 | 42.59 5.88 0.00 | 40.73 5.45 -1.19 | 41.03 5.51 -1.27 | 43.44 5.67 -1.89 | 49.73 6.41 -6.47 | 59.04 9.73 -7.37 | 65.62 10.90 -12.79 | 76.20 13.11 -18.18 | 110.32 15.41 -43.87 | 119.48 18.00 -43.21 | 129.27 19.21 -49.63 | 151.73 19.04 -73.55 | 155.54 18.62 -80.85 | 160.40 19.06 -84.26 | 159.43 19.86 -80.28 | 155.82 19.06 -79.52 | 146.44 19.58 -66.42 | 111.14 16.80 -41.17 | 120.55 16.03 -52.79 | 99.65 14.59 -35.77 | 74.09 13.73 -12.03 | 65.57 10.44 -12.17 |
| EAST RIVER___6 23660 | 44.28 3.88 0.00 | 41.19 3.02 0.00 | 39.29 2.57 0.00 | 36.37 2.28 0.00 | 36.61 2.36 0.00 | 38.22 2.33 0.00 | 39.72 2.87 0.00 | 46.30 4.36 0.00 | 51.52 4.78 -4.81 | 53.14 5.52 -2.72 | 59.65 6.53 -2.07 | 65.72 7.46 0.00 | 75.04 8.04 -6.58 | 95.32 7.75 -28.44 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.94 7.89 -52.77 | 107.42 7.67 -42.51 | 77.86 8.04 -9.39 | 65.00 7.12 -4.71 | 61.82 6.98 -3.11 | 58.41 6.56 -2.57 | 55.77 6.28 -1.16 | 47.86 4.90 0.00 |
| EAST RIVER___7 23524 | 44.28 3.88 0.00 | 41.19 3.02 0.00 | 39.29 2.57 0.00 | 36.37 2.28 0.00 | 36.61 2.36 0.00 | 38.22 2.33 0.00 | 39.72 2.87 0.00 | 46.30 4.36 0.00 | 51.52 4.78 -4.81 | 53.14 5.52 -2.72 | 59.65 6.53 -2.07 | 65.72 7.46 0.00 | 75.04 8.04 -6.58 | 95.32 7.75 -28.44 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.94 7.89 -52.77 | 107.42 7.67 -42.51 | 77.86 8.04 -9.39 | 65.00 7.12 -4.71 | 61.82 6.98 -3.11 | 58.41 6.56 -2.57 | 55.77 6.28 -1.16 | 47.86 4.90 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 53.98 7.80 -5.78 | 49.24 6.45 -4.62 | 42.59 5.88 0.00 | 40.73 5.45 -1.19 | 41.03 5.51 -1.27 | 43.44 5.67 -1.89 | 49.73 6.41 -6.47 | 59.04 9.73 -7.37 | 65.62 10.90 -12.79 | 76.20 13.11 -18.18 | 110.32 15.41 -43.87 | 119.48 18.00 -43.21 | 129.27 19.21 -49.63 | 151.73 19.04 -73.55 | 155.54 18.62 -80.85 | 160.40 19.06 -84.26 | 159.43 19.86 -80.28 | 155.82 19.06 -79.52 | 146.44 19.58 -66.42 | 111.14 16.80 -41.17 | 120.55 16.03 -52.79 | 99.65 14.59 -35.77 | 74.09 13.73 -12.03 | 65.57 10.44 -12.17 |
| EAST_RIVER___1 323558 | 44.24 3.84 0.00 | 41.15 2.98 0.00 | 39.25 2.53 0.00 | 36.37 2.28 0.00 | 36.57 2.33 0.00 | 38.22 2.33 0.00 | 39.72 2.87 0.00 | 46.30 4.36 0.00 | 51.44 4.74 -4.78 | 53.03 5.43 -2.70 | 59.53 6.43 -2.06 | 65.60 7.34 0.00 | 74.92 7.92 -6.58 | 95.20 7.63 -28.44 | 102.29 7.35 -38.87 | 111.11 7.48 -46.55 | 119.82 7.77 -52.77 | 107.30 7.56 -42.51 | 77.80 7.98 -9.39 | 64.90 7.02 -4.71 | 61.71 6.88 -3.11 | 58.36 6.51 -2.57 | 55.73 6.24 -1.16 | 47.86 4.90 0.00 |
| EAST_RIVER___2 323559 | 44.28 3.88 0.00 | 41.19 3.02 0.00 | 39.29 2.57 0.00 | 36.37 2.28 0.00 | 36.61 2.36 0.00 | 38.22 2.33 0.00 | 39.72 2.87 0.00 | 46.30 4.36 0.00 | 51.52 4.78 -4.81 | 53.14 5.52 -2.72 | 59.65 6.53 -2.07 | 65.72 7.46 0.00 | 75.04 8.04 -6.58 | 95.32 7.75 -28.44 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.94 7.89 -52.77 | 107.42 7.67 -42.51 | 77.86 8.04 -9.39 | 65.00 7.12 -4.71 | 61.82 6.98 -3.11 | 58.41 6.56 -2.57 | 55.77 6.28 -1.16 | 47.86 4.90 0.00 |
| EAST___DELAWARE_HYD 23607 | 41.77 1.37 0.00 | 39.05 0.88 0.00 | 37.31 0.59 0.00 | 34.60 0.51 0.00 | 34.76 0.51 0.00 | 36.35 0.47 0.00 | 37.98 0.47 0.00 | 44.12 1.14 0.00 | 44.36 2.43 0.00 | 49.35 4.45 0.00 | 56.45 5.41 0.00 | 64.79 6.53 0.00 | 72.35 6.95 -4.98 | 87.58 6.92 -21.52 | 92.21 6.73 -29.41 | 98.98 6.68 -35.23 | 104.38 5.16 -39.93 | 94.38 4.98 -32.17 | 72.86 5.32 -7.10 | 61.41 4.68 -3.56 | 58.53 4.45 -2.36 | 55.27 4.04 -1.94 | 53.02 3.82 -0.86 | 45.76 2.79 0.00 |
| ELEC_TRO_TEK 24086 | 50.26 4.08 -5.78 | 46.08 3.28 -4.62 | 39.55 2.83 0.00 | 37.87 2.59 -1.19 | 38.15 2.64 -1.27 | 40.43 2.66 -1.89 | 46.45 3.13 -6.47 | 53.96 4.66 -7.37 | 59.75 5.03 -12.79 | 68.88 5.79 -18.18 | 101.59 6.69 -43.87 | 108.99 7.52 -43.21 | 118.15 8.10 -49.63 | 140.55 7.87 -73.55 | 144.55 7.63 -80.85 | 149.10 7.76 -84.26 | 147.57 8.00 -80.28 | 144.60 7.84 -79.52 | 135.08 8.22 -66.42 | 101.62 7.28 -41.17 | 111.81 7.29 -52.79 | 91.96 6.90 -35.77 | 66.99 6.62 -12.03 | 60.20 5.07 -12.17 |
| ELLENBURG_WT_PWR 323604 | 39.83 -0.57 0.00 | 38.06 -0.11 0.00 | 36.83 0.11 0.00 | 34.05 -0.03 0.00 | 34.14 -0.10 0.00 | 35.88 0.00 0.00 | 36.62 -0.22 0.00 | 41.27 -0.67 0.00 | 41.26 -0.67 0.00 | 44.09 -0.81 0.00 | 49.87 -1.17 0.00 | 56.81 -1.46 0.00 | 59.09 -1.33 0.00 | 57.90 -1.24 0.00 | 54.61 -1.46 0.00 | 55.54 -1.54 0.00 | 57.81 -1.48 0.00 | 55.81 -1.43 0.00 | 59.05 -1.39 0.00 | 51.63 -1.54 0.00 | 50.22 -1.50 0.00 | 48.21 -1.08 0.00 | 47.46 -0.87 0.00 | 42.02 -0.95 0.00 |
| EMPIRE_CC_1 323656 | 41.57 1.17 0.00 | 39.01 0.84 0.00 | 37.49 0.77 0.00 | 34.91 0.82 0.00 | 35.13 0.89 0.00 | 36.71 0.83 0.00 | 37.51 0.66 0.00 | 42.86 0.92 0.00 | 43.02 1.09 0.00 | 46.20 1.30 0.00 | 52.32 1.28 0.00 | 59.60 1.34 0.00 | 60.58 1.51 1.36 | 54.82 1.54 5.86 | 49.74 1.68 8.01 | 49.19 1.71 9.60 | 50.19 1.78 10.88 | 50.19 1.72 8.76 | 60.26 1.75 1.94 | 53.74 1.54 0.97 | 52.63 1.55 0.64 | 50.19 1.43 0.53 | 49.60 1.50 0.24 | 44.34 1.37 0.00 |
| EMPIRE_CC_2 323658 | 41.57 1.17 0.00 | 39.01 0.84 0.00 | 37.49 0.77 0.00 | 34.91 0.82 0.00 | 35.13 0.89 0.00 | 36.71 0.83 0.00 | 37.51 0.66 0.00 | 42.86 0.92 0.00 | 43.02 1.09 0.00 | 46.20 1.30 0.00 | 52.32 1.28 0.00 | 59.60 1.34 0.00 | 60.58 1.51 1.36 | 54.82 1.54 5.86 | 49.74 1.68 8.01 | 49.19 1.71 9.60 | 50.19 1.78 10.88 | 50.19 1.72 8.76 | 60.26 1.75 1.94 | 53.74 1.54 0.97 | 52.63 1.55 0.64 | 50.19 1.43 0.53 | 49.60 1.50 0.24 | 44.34 1.37 0.00 |

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| E_CANADA_CAP_HY 24051 | 42.18 1.78 0.00 | 39.58 1.41 0.00 | 37.71 0.99 0.00 | 35.04 0.95 0.00 | 35.30 1.06 0.00 | 37.03 1.15 0.00 | 38.39 1.55 0.00 | 44.12 2.18 0.00 | 44.49 2.56 0.00 | 47.73 2.83 0.00 | 54.31 3.27 0.00 | 61.76 3.50 0.00 | 63.93 3.50 0.00 | 62.51 3.37 0.00 | 59.32 3.25 0.00 | 60.39 3.31 0.00 | 62.79 3.50 0.00 | 60.96 3.72 0.00 | 64.31 3.87 0.00 | 56.42 3.24 0.00 | 55.08 3.36 0.00 | 52.35 3.06 0.00 | 50.94 2.61 0.00 | 45.28 2.32 0.00 |
| E_CANADA_MHWK_HY 24050 | 42.46 2.06 0.00 | 40.00 1.83 0.00 | 38.41 1.69 0.00 | 35.66 1.57 0.00 | 35.89 1.64 0.00 | 37.53 1.65 0.00 | 38.65 1.81 0.00 | 44.16 2.22 0.00 | 44.15 2.22 0.00 | 47.37 2.47 0.00 | 53.90 2.86 0.00 | 61.58 3.32 0.00 | 63.75 3.32 0.00 | 62.22 3.08 0.00 | 58.99 2.92 0.00 | 60.04 2.97 0.00 | 62.61 3.32 0.00 | 60.38 3.15 0.00 | 63.82 3.38 0.00 | 56.15 2.98 0.00 | 54.62 2.90 0.00 | 51.95 2.66 0.00 | 50.90 2.56 0.00 | 45.20 2.23 0.00 |
| E_FISHKILL___LBMP 23776 | 43.43 3.03 0.00 | 40.50 2.33 0.00 | 38.70 1.98 0.00 | 35.86 1.77 0.00 | 36.06 1.81 0.00 | 37.71 1.83 0.00 | 39.09 2.25 0.00 | 45.38 3.44 0.00 | 45.66 3.73 0.00 | 49.17 4.27 0.00 | 56.04 5.00 0.00 | 64.03 5.77 0.00 | 73.45 6.28 -6.74 | 94.42 6.15 -29.13 | 101.84 5.94 -39.82 | 110.82 6.05 -47.69 | 119.63 6.28 -54.06 | 106.91 6.12 -43.55 | 76.46 6.41 -9.62 | 63.63 5.64 -4.82 | 60.39 5.48 -3.19 | 57.04 5.13 -2.63 | 54.48 4.98 -1.17 | 46.87 3.91 0.00 |
| FAR ROCKAWAY___4 23548 | 51.32 5.13 -5.79 | 46.96 4.16 -4.63 | 40.40 3.67 -0.01 | 38.66 3.37 -1.19 | 38.94 3.42 -1.28 | 41.26 3.48 -1.89 | 47.19 3.87 -6.48 | 55.01 5.70 -7.37 | 60.75 6.04 -12.79 | 68.88 5.79 -18.18 | 101.59 6.69 -43.87 | 108.93 7.46 -43.21 | 118.09 8.04 -49.63 | 140.55 7.87 -73.55 | 144.61 7.68 -80.85 | 149.15 7.82 -84.26 | 147.63 8.06 -80.28 | 144.60 7.84 -79.52 | 135.08 8.22 -66.42 | 101.68 7.34 -41.17 | 111.86 7.34 -52.79 | 92.11 7.05 -35.77 | 67.08 6.72 -12.03 | 60.90 5.76 -12.17 |
| FARRAGUT___LBMP 323566 | 44.20 3.80 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.14 2.26 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.39 4.65 -4.81 | 52.96 5.34 -2.72 | 59.44 6.33 -2.07 | 65.43 7.17 0.00 | 74.80 7.79 -6.58 | 95.03 7.45 -28.44 | 102.18 7.23 -38.87 | 110.99 7.36 -46.55 | 119.65 7.59 -52.77 | 107.13 7.38 -42.51 | 77.68 7.86 -9.39 | 64.79 6.91 -4.71 | 61.66 6.83 -3.11 | 58.26 6.41 -2.57 | 55.68 6.19 -1.16 | 47.78 4.81 0.00 |
| FENNER___WINDPWR 24204 | 41.49 1.09 0.00 | 38.97 0.80 0.00 | 37.42 0.70 0.00 | 34.74 0.65 0.00 | 34.93 0.68 0.00 | 36.60 0.72 0.00 | 37.84 0.99 0.00 | 43.36 1.43 0.00 | 43.35 1.43 0.00 | 46.56 1.66 0.00 | 53.19 2.14 0.00 | 60.83 2.56 0.00 | 63.05 2.36 -0.27 | 62.60 2.31 -1.16 | 59.84 2.19 -1.58 | 61.14 2.17 -1.89 | 63.80 2.37 -2.14 | 61.08 2.12 -1.73 | 63.00 2.18 -0.38 | 55.33 1.97 -0.19 | 53.76 1.91 -0.13 | 51.12 1.73 -0.10 | 49.88 1.50 -0.05 | 44.21 1.25 0.00 |
| FIBERTEK___ENERGY 23856 | 40.52 0.12 0.00 | 38.09 -0.08 0.00 | 36.54 -0.18 0.00 | 33.95 -0.14 0.00 | 34.11 -0.14 0.00 | 35.81 -0.07 0.00 | 36.95 0.11 0.00 | 42.40 0.46 0.00 | 42.26 0.34 0.00 | 45.35 0.45 0.00 | 51.60 0.56 0.00 | 58.96 0.70 0.00 | 61.33 0.54 -0.37 | 61.26 0.53 -1.59 | 58.68 0.45 -2.17 | 60.19 0.51 -2.59 | 62.53 0.30 -2.94 | 59.95 0.34 -2.37 | 61.20 0.24 -0.52 | 53.75 0.32 -0.26 | 52.31 0.41 -0.17 | 49.78 0.35 -0.14 | 48.49 0.10 -0.06 | 43.18 0.21 0.00 |
| FITZPATRICK____ 23598 | 39.55 -0.85 0.00 | 37.22 -0.95 0.00 | 35.76 -0.95 0.00 | 33.24 -0.85 0.00 | 33.39 -0.86 0.00 | 34.99 -0.90 0.00 | 36.07 -0.77 0.00 | 41.06 -0.88 0.00 | 40.88 -1.05 0.00 | 43.82 -1.08 0.00 | 49.87 -1.17 0.00 | 56.92 -1.34 0.00 | 59.08 -1.57 -0.22 | 58.57 -1.54 -0.97 | 55.94 -1.46 -1.32 | 57.23 -1.43 -1.59 | 59.48 -1.60 -1.80 | 57.20 -1.49 -1.45 | 59.13 -1.63 -0.32 | 52.00 -1.33 -0.16 | 50.54 -1.29 -0.11 | 48.10 -1.28 -0.09 | 47.12 -1.26 -0.04 | 42.11 -0.86 0.00 |
| FORT ORANGE____ 23900 | 42.09 1.70 0.00 | 39.47 1.30 0.00 | 37.82 1.10 0.00 | 35.15 1.06 0.00 | 35.37 1.13 0.00 | 37.00 1.11 0.00 | 37.76 0.92 0.00 | 43.20 1.26 0.00 | 43.40 1.47 0.00 | 46.65 1.75 0.00 | 52.98 1.94 0.00 | 60.42 2.16 0.00 | 62.48 2.36 0.30 | 60.29 2.42 1.28 | 56.73 2.41 1.75 | 57.44 2.45 2.09 | 59.47 2.55 2.37 | 57.85 2.52 1.91 | 62.62 2.60 0.42 | 55.19 2.23 0.21 | 53.86 2.28 0.14 | 51.24 2.07 0.12 | 50.31 2.03 0.05 | 44.73 1.76 0.00 |
| FORT_DRUM_COGEN 23780 | 43.23 2.83 0.00 | 40.61 2.44 0.00 | 39.00 2.28 0.00 | 36.13 2.05 0.00 | 36.30 2.05 0.00 | 38.07 2.19 0.00 | 39.31 2.47 0.00 | 45.25 3.31 0.00 | 45.20 3.27 0.00 | 48.58 3.68 0.00 | 55.43 4.39 0.00 | 63.33 5.07 0.00 | 65.13 4.71 0.00 | 63.81 4.67 0.00 | 60.44 4.37 0.00 | 61.19 4.11 0.00 | 64.21 4.92 0.00 | 60.73 3.49 0.00 | 64.19 3.75 0.00 | 56.57 3.40 0.00 | 55.19 3.47 0.00 | 52.79 3.50 0.00 | 51.72 3.38 0.00 | 45.67 2.71 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 51.32 5.13 -5.79 | 46.96 4.16 -4.63 | 40.40 3.67 -0.01 | 38.66 3.37 -1.19 | 38.94 3.42 -1.28 | 41.26 3.48 -1.89 | 47.19 3.87 -6.48 | 55.01 5.70 -7.37 | 60.75 6.04 -12.79 | 68.88 5.79 -18.18 | 101.59 6.69 -43.87 | 108.93 7.46 -43.21 | 118.09 8.04 -49.63 | 140.55 7.87 -73.55 | 144.61 7.68 -80.85 | 149.15 7.82 -84.26 | 147.63 8.06 -80.28 | 144.60 7.84 -79.52 | 135.08 8.22 -66.42 | 101.68 7.34 -41.17 | 111.86 7.34 -52.79 | 92.11 7.05 -35.77 | 67.08 6.72 -12.03 | 60.90 5.76 -12.17 |
| FPL_FAR_ROCK_GT2 23815 | 51.32 5.13 -5.79 | 46.96 4.16 -4.63 | 40.40 3.67 -0.01 | 38.66 3.37 -1.19 | 38.94 3.42 -1.28 | 41.26 3.48 -1.89 | 47.19 3.87 -6.48 | 55.01 5.70 -7.37 | 60.75 6.04 -12.79 | 68.88 5.79 -18.18 | 101.59 6.69 -43.87 | 108.93 7.46 -43.21 | 118.09 8.04 -49.63 | 140.55 7.87 -73.55 | 144.61 7.68 -80.85 | 149.15 7.82 -84.26 | 147.63 8.06 -80.28 | 144.60 7.84 -79.52 | 135.08 8.22 -66.42 | 101.68 7.34 -41.17 | 111.86 7.34 -52.79 | 92.11 7.05 -35.77 | 67.08 6.72 -12.03 | 60.90 5.76 -12.17 |
| FRANKLIN_FALL_HYD 24054 | 40.07 -0.32 0.00 | 38.29 0.11 0.00 | 37.05 0.33 0.00 | 34.19 0.10 0.00 | 34.28 0.03 0.00 | 36.06 0.18 0.00 | 36.84 0.00 0.00 | 41.56 -0.38 0.00 | 41.55 -0.38 0.00 | 44.36 -0.54 0.00 | 50.07 -0.97 0.00 | 56.98 -1.28 0.00 | 59.27 -1.15 0.00 | 58.08 -1.06 0.00 | 54.67 -1.40 0.00 | 55.54 -1.54 0.00 | 57.93 -1.36 0.00 | 55.86 -1.37 0.00 | 59.17 -1.27 0.00 | 51.63 -1.54 0.00 | 50.22 -1.50 0.00 | 48.40 -0.89 0.00 | 47.85 -0.48 0.00 | 42.15 -0.82 0.00 |
| FREEPORT_EQUS_GT1 23764 | 50.83 4.65 -5.78 | 46.53 3.74 -4.62 | 39.99 3.27 0.00 | 38.28 3.00 -1.19 | 38.56 3.05 -1.27 | 40.86 3.09 -1.89 | 46.96 3.65 -6.48 | 54.63 5.33 -7.37 | 60.25 5.53 -12.79 | 69.42 6.33 -18.18 | 102.26 7.35 -43.87 | 109.75 8.27 -43.21 | 118.69 8.64 -49.63 | 141.14 8.46 -73.55 | 145.11 8.19 -80.85 | 149.67 8.33 -84.26 | 148.22 8.66 -80.28 | 145.17 8.41 -79.52 | 135.74 8.88 -66.42 | 102.16 7.82 -41.17 | 112.28 7.76 -52.79 | 92.41 7.34 -35.77 | 67.57 7.20 -12.03 | 60.72 5.59 -12.17 |
| FULTON COGEN____ 23766 | 40.32 -0.08 0.00 | 37.90 -0.27 0.00 | 36.39 -0.33 0.00 | 33.78 -0.31 0.00 | 33.93 -0.31 0.00 | 35.63 -0.25 0.00 | 36.77 -0.07 0.00 | 42.02 0.08 0.00 | 41.89 -0.04 0.00 | 44.90 0.00 0.00 | 51.20 0.15 0.00 | 58.50 0.23 0.00 | 60.72 0.00 -0.29 | 60.41 0.00 -1.27 | 57.75 -0.06 -1.73 | 59.15 0.00 -2.07 | 61.52 -0.12 -2.35 | 59.13 0.00 -1.89 | 60.80 -0.06 -0.42 | 53.43 0.05 -0.21 | 51.97 0.10 -0.14 | 49.45 0.05 -0.11 | 48.24 -0.15 -0.05 | 43.05 0.09 0.00 |
| FULTON___LFGE 323630 | 44.80 4.40 0.00 | 42.03 3.86 0.00 | 39.88 3.16 0.00 | 37.05 2.97 0.00 | 37.43 3.18 0.00 | 39.22 3.34 0.00 | 40.67 3.83 0.00 | 46.72 4.78 0.00 | 47.30 5.37 0.00 | 50.60 5.70 0.00 | 57.68 6.64 0.00 | 65.37 7.11 0.00 | 67.31 7.19 0.30 | 64.88 7.04 1.30 | 61.19 6.90 1.78 | 62.14 7.19 2.13 | 64.23 7.35 2.41 | 62.79 7.50 1.94 | 67.75 7.74 0.43 | 59.44 6.49 0.22 | 58.30 6.72 0.14 | 55.48 6.31 0.12 | 54.03 5.75 0.05 | 48.34 5.37 0.00 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| Freeport___CT2 23818 | 50.83 4.65 -5.78 | 46.53 3.74 -4.62 | 39.99 3.27 0.00 | 38.28 3.00 -1.19 | 38.56 3.05 -1.27 | 40.86 3.09 -1.89 | 46.96 3.65 -6.48 | 54.63 5.33 -7.37 | 60.25 5.53 -12.79 | 69.42 6.33 -18.18 | 102.26 7.35 -43.87 | 109.75 8.27 -43.21 | 118.69 8.64 -49.63 | 141.14 8.46 -73.55 | 145.11 8.19 -80.85 | 149.67 8.33 -84.26 | 148.22 8.66 -80.28 | 145.17 8.41 -79.52 | 135.74 8.88 -66.42 | 102.16 7.82 -41.17 | 112.28 7.76 -52.79 | 92.41 7.34 -35.77 | 67.57 7.20 -12.03 | 60.72 5.59 -12.17 |
| G.F.CEMENT___DRP 24184 | 43.02 2.63 0.00 | 40.38 2.21 0.00 | 38.59 1.87 0.00 | 35.76 1.67 0.00 | 36.02 1.78 0.00 | 37.75 1.87 0.00 | 38.79 1.95 0.00 | 44.20 2.26 0.00 | 44.53 2.60 0.00 | 47.68 2.78 0.00 | 53.54 2.50 0.00 | 60.42 2.16 0.00 | 62.22 2.11 0.31 | 59.98 2.19 1.35 | 56.36 2.13 1.84 | 56.93 2.05 2.21 | 58.92 2.13 2.50 | 57.45 2.23 2.01 | 63.20 3.20 0.44 | 55.82 2.87 0.22 | 54.83 3.26 0.15 | 52.42 3.25 0.12 | 51.28 3.00 0.05 | 46.10 3.14 0.00 |
| GARDENVILLE___LBMP 24039 | 38.38 -2.02 0.00 | 35.92 -2.25 0.00 | 34.55 -2.17 0.00 | 32.28 -1.81 0.00 | 32.33 -1.92 0.00 | 33.98 -1.90 0.00 | 35.37 -1.47 0.00 | 40.72 -1.22 0.00 | 40.67 -1.26 0.00 | 43.51 -1.39 0.00 | 49.56 -1.48 0.00 | 56.57 -1.69 0.00 | 58.00 -3.02 -0.60 | 58.30 -3.43 -2.59 | 57.20 -2.41 -3.55 | 58.98 -2.34 -4.25 | 61.14 -2.96 -4.81 | 58.31 -2.80 -3.88 | 57.97 -3.32 -0.86 | 51.47 -2.13 -0.43 | 49.99 -2.02 -0.28 | 47.16 -2.37 -0.23 | 46.21 -2.22 -0.10 | 40.30 -2.66 0.00 |
| GENERAL___MILLS 23808 | 38.46 -1.94 0.00 | 35.99 -2.18 0.00 | 34.63 -2.09 0.00 | 32.35 -1.74 0.00 | 32.39 -1.85 0.00 | 34.05 -1.83 0.00 | 35.44 -1.40 0.00 | 40.85 -1.09 0.00 | 40.80 -1.13 0.00 | 43.64 -1.26 0.00 | 49.77 -1.28 0.00 | 56.75 -1.51 0.00 | 58.19 -2.84 -0.61 | 58.51 -3.25 -2.62 | 57.41 -2.24 -3.59 | 59.20 -2.17 -4.30 | 61.37 -2.79 -4.87 | 58.47 -2.69 -3.92 | 58.16 -3.14 -0.87 | 51.64 -1.97 -0.43 | 50.20 -1.81 -0.29 | 47.31 -2.22 -0.24 | 46.41 -2.03 -0.11 | 40.43 -2.53 0.00 |
| GE_PLASTICS___DRP 24183 | 41.41 1.01 0.00 | 38.86 0.69 0.00 | 37.27 0.55 0.00 | 34.63 0.55 0.00 | 34.83 0.58 0.00 | 36.42 0.54 0.00 | 37.25 0.41 0.00 | 42.65 0.71 0.00 | 42.85 0.92 0.00 | 46.02 1.12 0.00 | 52.27 1.23 0.00 | 59.60 1.34 0.00 | 60.92 1.51 1.01 | 56.30 1.54 4.38 | 51.60 1.51 5.99 | 51.45 1.54 7.17 | 52.76 1.60 8.13 | 52.29 1.60 6.55 | 60.68 1.69 1.45 | 53.94 1.49 0.72 | 52.74 1.50 0.48 | 50.27 1.38 0.40 | 49.46 1.30 0.18 | 44.08 1.12 0.00 |
| GILBOA___1 23756 | 41.89 1.49 0.00 | 39.28 1.11 0.00 | 37.64 0.92 0.00 | 34.94 0.85 0.00 | 35.10 0.86 0.00 | 36.74 0.86 0.00 | 37.87 1.03 0.00 | 43.57 1.64 0.00 | 43.69 1.76 0.00 | 46.97 2.07 0.00 | 53.49 2.45 0.00 | 61.06 2.80 0.00 | 66.04 3.02 -2.60 | 73.32 2.96 -11.22 | 74.21 2.80 -15.34 | 78.30 2.85 -18.37 | 83.08 2.96 -20.82 | 76.87 2.86 -16.78 | 67.29 3.14 -3.70 | 57.79 2.76 -1.86 | 55.64 2.69 -1.23 | 52.77 2.46 -1.01 | 51.15 2.37 -0.45 | 44.85 1.89 0.00 |
| GILBOA___2 23757 | 41.89 1.49 0.00 | 39.28 1.11 0.00 | 37.64 0.92 0.00 | 34.94 0.85 0.00 | 35.10 0.86 0.00 | 36.74 0.86 0.00 | 37.87 1.03 0.00 | 43.57 1.64 0.00 | 43.69 1.76 0.00 | 46.97 2.07 0.00 | 53.49 2.45 0.00 | 61.06 2.80 0.00 | 66.04 3.02 -2.60 | 73.32 2.96 -11.22 | 74.21 2.80 -15.34 | 78.30 2.85 -18.37 | 83.08 2.96 -20.82 | 76.87 2.86 -16.78 | 67.29 3.14 -3.70 | 57.79 2.76 -1.86 | 55.64 2.69 -1.23 | 52.77 2.46 -1.01 | 51.15 2.37 -0.45 | 44.85 1.89 0.00 |
| GILBOA___3 23758 | 41.89 1.49 0.00 | 39.28 1.11 0.00 | 37.64 0.92 0.00 | 34.94 0.85 0.00 | 35.10 0.86 0.00 | 36.74 0.86 0.00 | 37.87 1.03 0.00 | 43.57 1.64 0.00 | 43.69 1.76 0.00 | 46.97 2.07 0.00 | 53.49 2.45 0.00 | 61.06 2.80 0.00 | 66.04 3.02 -2.60 | 73.32 2.96 -11.22 | 74.21 2.80 -15.34 | 78.30 2.85 -18.37 | 83.08 2.96 -20.82 | 76.87 2.86 -16.78 | 67.29 3.14 -3.70 | 57.79 2.76 -1.86 | 55.64 2.69 -1.23 | 52.77 2.46 -1.01 | 51.15 2.37 -0.45 | 44.85 1.89 0.00 |
| GILBOA___4 23759 | 41.89 1.49 0.00 | 39.28 1.11 0.00 | 37.64 0.92 0.00 | 34.94 0.85 0.00 | 35.10 0.86 0.00 | 36.74 0.86 0.00 | 37.87 1.03 0.00 | 43.57 1.64 0.00 | 43.69 1.76 0.00 | 46.97 2.07 0.00 | 53.49 2.45 0.00 | 61.06 2.80 0.00 | 66.04 3.02 -2.60 | 73.32 2.96 -11.22 | 74.21 2.80 -15.34 | 78.30 2.85 -18.37 | 83.08 2.96 -20.82 | 76.87 2.86 -16.78 | 67.29 3.14 -3.70 | 57.79 2.76 -1.86 | 55.64 2.69 -1.23 | 52.77 2.46 -1.01 | 51.15 2.37 -0.45 | 44.85 1.89 0.00 |
| GILBOA___ 23599 | 41.89 1.49 0.00 | 39.28 1.11 0.00 | 37.64 0.92 0.00 | 34.94 0.85 0.00 | 35.10 0.86 0.00 | 36.74 0.86 0.00 | 37.87 1.03 0.00 | 43.57 1.64 0.00 | 43.69 1.76 0.00 | 46.97 2.07 0.00 | 53.49 2.45 0.00 | 61.06 2.80 0.00 | 66.04 3.02 -2.60 | 73.32 2.96 -11.22 | 74.21 2.80 -15.34 | 78.30 2.85 -18.37 | 83.08 2.96 -20.82 | 76.87 2.86 -16.78 | 67.29 3.14 -3.70 | 57.79 2.76 -1.86 | 55.64 2.69 -1.23 | 52.77 2.46 -1.01 | 51.15 2.37 -0.45 | 44.85 1.89 0.00 |
| GINNA___ 23603 | 38.22 -2.18 0.00 | 35.73 -2.44 0.00 | 34.33 -2.39 0.00 | 32.01 -2.08 0.00 | 32.09 -2.16 0.00 | 33.73 -2.15 0.00 | 35.04 -1.81 0.00 | 40.30 -1.64 0.00 | 40.38 -1.55 0.00 | 43.10 -1.80 0.00 | 49.36 -1.68 0.00 | 56.40 -1.86 0.00 | 58.26 -2.60 -0.43 | 58.23 -2.78 -1.87 | 56.10 -2.52 -2.56 | 57.74 -2.40 -3.06 | 59.86 -2.91 -3.47 | 57.29 -2.75 -2.80 | 58.15 -2.90 -0.62 | 51.30 -2.18 -0.31 | 49.81 -2.12 -0.20 | 47.29 -2.17 -0.17 | 46.23 -2.18 -0.08 | 40.86 -2.11 0.00 |
| GLEN PARK___ 23778 | 43.51 3.11 0.00 | 40.84 2.67 0.00 | 39.18 2.46 0.00 | 36.30 2.22 0.00 | 36.47 2.23 0.00 | 38.25 2.37 0.00 | 39.57 2.73 0.00 | 45.59 3.65 0.00 | 45.53 3.61 0.00 | 48.99 4.09 0.00 | 55.89 4.85 0.00 | 63.86 5.59 0.00 | 65.74 5.32 0.00 | 64.34 5.20 0.00 | 61.00 4.93 0.00 | 61.70 4.62 0.00 | 64.80 5.51 0.00 | 61.19 3.95 0.00 | 64.73 4.29 0.00 | 57.11 3.93 0.00 | 55.65 3.93 0.00 | 53.18 3.89 0.00 | 52.06 3.72 0.00 | 45.97 3.01 0.00 |
| GLENWOOD_IC_1_G5 23712 | 50.26 4.08 -5.78 | 46.00 3.21 -4.62 | 39.51 2.79 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.32 2.55 -1.89 | 46.37 3.06 -6.47 | 53.88 4.57 -7.37 | 59.54 4.82 -12.79 | 68.43 5.34 -18.18 | 101.19 6.28 -43.87 | 108.64 7.17 -43.21 | 117.79 7.73 -49.63 | 140.26 7.57 -73.55 | 144.21 7.29 -80.85 | 148.81 7.48 -84.26 | 147.27 7.71 -80.28 | 144.26 7.50 -79.52 | 134.72 7.86 -66.42 | 101.25 6.91 -41.17 | 111.34 6.83 -52.79 | 91.47 6.41 -35.77 | 66.60 6.24 -12.03 | 60.16 5.03 -12.17 |
| GLENWOOD_IC_2_G1 23688 | 50.06 3.88 -5.78 | 45.85 3.05 -4.62 | 39.36 2.64 0.00 | 37.66 2.39 -1.19 | 37.95 2.43 -1.27 | 40.21 2.44 -1.89 | 46.26 2.95 -6.47 | 53.75 4.45 -7.37 | 59.50 4.78 -12.79 | 68.56 5.48 -18.18 | 101.34 6.43 -43.87 | 108.76 7.28 -43.21 | 117.91 7.85 -49.63 | 140.37 7.69 -73.55 | 144.38 7.46 -80.85 | 148.92 7.59 -84.26 | 147.39 7.83 -80.28 | 144.37 7.61 -79.52 | 134.90 8.04 -66.42 | 101.41 7.07 -41.17 | 111.45 6.93 -52.79 | 91.62 6.56 -35.77 | 66.65 6.28 -12.03 | 60.03 4.90 -12.17 |
| GLENWOOD_IC_3_G1 23689 | 50.06 3.88 -5.78 | 45.85 3.05 -4.62 | 39.36 2.64 0.00 | 37.66 2.39 -1.19 | 37.95 2.43 -1.27 | 40.21 2.44 -1.89 | 46.26 2.95 -6.47 | 53.75 4.45 -7.37 | 59.50 4.78 -12.79 | 68.56 5.48 -18.18 | 101.34 6.43 -43.87 | 108.76 7.28 -43.21 | 117.91 7.85 -49.63 | 140.37 7.69 -73.55 | 144.38 7.46 -80.85 | 148.92 7.59 -84.26 | 147.39 7.83 -80.28 | 144.37 7.61 -79.52 | 134.90 8.04 -66.42 | 101.41 7.07 -41.17 | 111.45 6.93 -52.79 | 91.62 6.56 -35.77 | 66.65 6.28 -12.03 | 60.03 4.90 -12.17 |
| GLENWOOD___4 23550 | 50.26 4.08 -5.78 | 46.00 3.21 -4.62 | 39.51 2.79 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.32 2.55 -1.89 | 46.37 3.06 -6.47 | 53.88 4.57 -7.37 | 59.54 4.82 -12.79 | 68.47 5.39 -18.18 | 101.24 6.33 -43.87 | 108.70 7.22 -43.21 | 117.85 7.79 -49.63 | 140.32 7.63 -73.55 | 144.27 7.35 -80.85 | 148.87 7.53 -84.26 | 147.33 7.77 -80.28 | 144.31 7.56 -79.52 | 134.78 7.92 -66.42 | 101.30 6.97 -41.17 | 111.40 6.88 -52.79 | 91.52 6.46 -35.77 | 66.65 6.28 -12.03 | 60.20 5.07 -12.17 |

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|--------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| GLENWOOD___5 23614 | 50.26 4.08 -5.78 | 46.00 3.21 -4.62 | 39.51 2.79 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.32 2.55 -1.89 | 46.37 3.06 -6.47 | 53.88 4.57 -7.37 | 59.54 4.82 -12.79 | 68.47 5.39 -18.18 | 101.24 6.33 -43.87 | 108.70 7.22 -43.21 | 117.85 7.79 -49.63 | 140.32 7.63 -73.55 | 144.27 7.35 -80.85 | 148.87 7.53 -84.26 | 147.33 7.77 -80.28 | 144.31 7.56 -79.52 | 134.78 7.92 -66.42 | 101.30 6.97 -41.17 | 111.40 6.88 -52.79 | 91.52 6.46 -35.77 | 66.65 6.28 -12.03 | 60.20 5.07 -12.17 |
| GLOBAL GREEN_PORT_GT1 23814 | 54.82 8.65 -5.78 | 50.01 7.21 -4.62 | 43.37 6.65 0.00 | 41.48 6.20 -1.19 | 41.78 6.27 -1.27 | 44.23 6.46 -1.89 | 50.50 7.18 -6.47 | 59.92 10.61 -7.37 | 66.41 11.70 -12.79 | 76.96 13.87 -18.18 | 111.09 16.18 -43.87 | 120.29 18.82 -43.21 | 130.05 20.00 -49.63 | 152.50 19.81 -73.55 | 156.21 19.29 -80.85 | 161.03 19.69 -84.26 | 160.02 20.45 -80.28 | 156.39 19.63 -79.52 | 147.17 20.31 -66.42 | 111.89 17.55 -41.17 | 121.33 16.81 -52.79 | 100.34 15.28 -35.77 | 74.86 14.50 -12.03 | 66.35 11.21 -12.17 |
| GOETHSLN___LBMP 323567 | 47.17 3.68 -3.09 | 41.00 2.82 0.00 | 39.11 2.39 0.00 | 36.20 2.11 0.00 | 36.43 2.19 0.00 | 38.04 2.15 0.00 | 39.57 2.73 0.00 | 46.95 4.19 -0.82 | 53.22 4.53 -6.76 | 55.32 5.25 -5.17 | 59.39 6.28 -2.07 | 65.20 6.93 0.00 | 74.50 7.49 -6.58 | 94.67 7.10 -28.44 | 101.84 6.90 -38.87 | 110.65 7.02 -46.55 | 119.35 7.29 -52.77 | 106.84 7.10 -42.51 | 77.44 7.62 -9.39 | 64.63 6.75 -4.71 | 61.56 6.72 -3.11 | 58.21 6.36 -2.57 | 55.81 6.04 -1.44 | 52.40 4.73 -4.71 |
| GOODYEAR_LAKE_HYD 323669 | 42.18 1.78 0.00 | 39.51 1.34 0.00 | 37.82 1.10 0.00 | 35.11 1.02 0.00 | 35.30 1.06 0.00 | 37.00 1.11 0.00 | 38.39 1.55 0.00 | 44.29 2.35 0.00 | 44.44 2.52 0.00 | 47.82 2.92 0.00 | 54.62 3.57 0.00 | 62.40 4.14 0.00 | 65.96 4.23 -1.30 | 68.91 4.14 -5.63 | 67.75 3.98 -7.70 | 70.29 4.00 -9.22 | 74.01 4.27 -10.45 | 69.78 4.12 -8.42 | 66.59 4.29 -1.86 | 57.88 3.78 -0.93 | 56.01 3.67 -0.62 | 53.10 3.30 -0.51 | 51.56 3.00 -0.23 | 45.28 2.32 0.00 |
| GOUDEY___7 23579 | 40.92 0.53 0.00 | 38.32 0.15 0.00 | 36.72 0.00 0.00 | 34.12 0.03 0.00 | 34.28 0.03 0.00 | 35.95 0.07 0.00 | 37.32 0.48 0.00 | 42.99 1.05 0.00 | 42.98 1.05 0.00 | 46.29 1.39 0.00 | 52.98 1.94 0.00 | 60.71 2.45 0.00 | 64.00 2.36 -1.22 | 66.72 2.31 -5.28 | 65.64 2.35 -7.21 | 68.17 2.45 -8.64 | 71.57 2.49 -9.79 | 67.53 2.40 -7.89 | 64.54 2.36 -1.74 | 56.12 2.07 -0.87 | 54.21 1.91 -0.58 | 51.24 1.48 -0.48 | 49.66 1.11 -0.21 | 43.57 0.60 0.00 |
| GOUDEY___8 23580 | 40.88 0.48 0.00 | 38.29 0.11 0.00 | 36.68 -0.04 0.00 | 34.09 0.00 0.00 | 34.24 0.00 0.00 | 35.92 0.04 0.00 | 37.28 0.44 0.00 | 42.94 1.01 0.00 | 42.94 1.01 0.00 | 46.25 1.35 0.00 | 52.93 1.89 0.00 | 60.65 2.39 0.00 | 63.94 2.30 -1.22 | 66.66 2.25 -5.28 | 65.58 2.30 -7.21 | 68.11 2.40 -8.64 | 71.45 2.37 -9.79 | 67.47 2.35 -7.89 | 64.42 2.24 -1.74 | 56.07 2.02 -0.87 | 54.16 1.86 -0.58 | 51.20 1.43 -0.48 | 49.61 1.06 -0.21 | 43.52 0.56 0.00 |
| GOWANUS_GT1_1 24077 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT1_2 24078 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT1_3 24079 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT1_4 24080 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT1_5 24084 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT1_6 24111 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT1_7 24112 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT1_8 24113 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT2_1 24114 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT2_2 24115 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |

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|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| GOWANUS_GT2_3 24116 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT2_4 24117 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT2_5 24118 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT2_6 24119 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT2_7 24120 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT2_8 24121 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT3_1 24122 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT3_2 24123 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT3_3 24124 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT3_4 24125 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT3_5 24126 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT3_6 24127 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT3_7 24128 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT3_8 24129 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT4_1 24130 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT4_2 24131 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |

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|---------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_3 24132 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT4_4 24133 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT4_5 24134 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT4_6 24135 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT4_7 24136 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GOWANUS_GT4_8 24137 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| GREENIDGE___3 23582 | 40.76 0.36 0.00 | 38.13 -0.04 0.00 | 36.50 -0.22 0.00 | 33.99 -0.10 0.00 | 34.11 -0.14 0.00 | 35.92 0.04 0.00 | 37.39 0.55 0.00 | 43.24 1.30 0.00 | 43.19 1.26 0.00 | 46.47 1.57 0.00 | 53.29 2.25 0.00 | 61.06 2.80 0.00 | 63.50 2.36 -0.72 | 64.45 2.19 -3.12 | 62.52 2.19 -4.26 | 64.52 2.34 -5.11 | 67.27 2.19 -5.79 | 64.13 2.23 -4.66 | 63.52 2.05 -1.03 | 55.66 1.97 -0.52 | 53.93 1.86 -0.34 | 51.00 1.43 -0.28 | 49.38 0.92 -0.13 | 43.31 0.34 0.00 |
| GREENIDGE___4 23583 | 40.76 0.36 0.00 | 38.13 -0.04 0.00 | 36.50 -0.22 0.00 | 33.99 -0.10 0.00 | 34.11 -0.14 0.00 | 35.92 0.04 0.00 | 37.39 0.55 0.00 | 43.24 1.30 0.00 | 43.19 1.26 0.00 | 46.47 1.57 0.00 | 53.29 2.25 0.00 | 61.06 2.80 0.00 | 63.50 2.36 -0.72 | 64.45 2.19 -3.12 | 62.52 2.19 -4.26 | 64.52 2.34 -5.11 | 67.27 2.19 -5.79 | 64.13 2.23 -4.66 | 63.52 2.05 -1.03 | 55.66 1.97 -0.52 | 53.93 1.86 -0.34 | 51.00 1.43 -0.28 | 49.38 0.92 -0.13 | 43.31 0.34 0.00 |
| GROVEVILLE___HYD 323602 | 44.07 3.68 0.00 | 41.07 2.90 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.22 2.33 0.00 | 39.68 2.84 0.00 | 46.17 4.24 0.00 | 46.21 4.28 0.00 | 49.62 4.71 0.00 | 56.55 5.51 0.00 | 64.79 6.53 0.00 | 73.17 7.01 -5.74 | 90.91 6.98 -24.79 | 96.74 6.78 -33.89 | 104.45 6.79 -40.58 | 112.35 7.06 -46.00 | 101.11 6.81 -37.06 | 75.75 7.13 -8.18 | 63.55 6.27 -4.10 | 60.54 6.10 -2.71 | 57.15 5.62 -2.24 | 55.23 5.90 -1.00 | 47.73 4.77 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 41.25 0.85 0.00 | 39.05 0.88 0.00 | 37.64 0.92 0.00 | 34.87 0.78 0.00 | 35.00 0.75 0.00 | 36.71 0.83 0.00 | 37.65 0.81 0.00 | 42.90 0.96 0.00 | 42.64 0.71 0.00 | 45.62 0.72 0.00 | 51.50 0.46 0.00 | 58.61 0.35 0.00 | 60.54 0.12 0.00 | 59.32 0.18 0.00 | 56.07 0.00 0.00 | 56.73 -0.34 0.00 | 59.35 0.06 0.00 | 56.72 -0.52 0.00 | 60.08 -0.36 0.00 | 52.80 -0.37 0.00 | 51.52 -0.21 0.00 | 49.83 0.54 0.00 | 49.30 0.97 0.00 | 43.35 0.39 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 42.18 1.78 0.00 | 39.70 1.53 0.00 | 38.15 1.43 0.00 | 35.42 1.33 0.00 | 35.61 1.37 0.00 | 37.28 1.40 0.00 | 38.35 1.51 0.00 | 43.83 1.89 0.00 | 43.86 1.93 0.00 | 47.01 2.11 0.00 | 53.54 2.50 0.00 | 61.12 2.85 0.00 | 63.26 2.84 0.00 | 61.80 2.66 0.00 | 58.59 2.52 0.00 | 59.65 2.57 0.00 | 62.13 2.85 0.00 | 59.93 2.69 0.00 | 63.34 2.90 0.00 | 55.78 2.61 0.00 | 54.26 2.53 0.00 | 51.61 2.32 0.00 | 50.51 2.17 0.00 | 44.85 1.89 0.00 |
| HARZA MOOSE___RIVER 24016 | 42.09 1.70 0.00 | 39.62 1.45 0.00 | 38.04 1.32 0.00 | 35.32 1.23 0.00 | 35.48 1.23 0.00 | 37.17 1.29 0.00 | 38.32 1.47 0.00 | 43.99 2.05 0.00 | 43.94 2.01 0.00 | 47.19 2.29 0.00 | 53.80 2.76 0.00 | 61.41 3.15 0.00 | 63.32 2.90 0.00 | 62.04 2.90 0.00 | 58.82 2.75 0.00 | 59.59 2.51 0.00 | 62.31 3.02 0.00 | 59.58 2.35 0.00 | 62.98 2.54 0.00 | 55.46 2.29 0.00 | 54.00 2.28 0.00 | 51.61 2.32 0.00 | 50.56 2.22 0.00 | 44.73 1.76 0.00 |
| HEMPSTEAD___ 23647 | 50.38 4.20 -5.78 | 46.11 3.32 -4.62 | 39.62 2.90 0.00 | 37.90 2.62 -1.19 | 38.22 2.71 -1.27 | 40.50 2.73 -1.89 | 46.56 3.24 -6.47 | 54.13 4.82 -7.37 | 59.83 5.12 -12.79 | 68.92 5.84 -18.18 | 101.70 6.79 -43.87 | 109.11 7.63 -43.21 | 118.27 8.22 -49.63 | 140.67 7.98 -73.55 | 144.66 7.74 -80.85 | 149.21 7.88 -84.26 | 147.75 8.18 -80.28 | 144.66 7.90 -79.52 | 135.20 8.34 -66.42 | 101.68 7.34 -41.17 | 111.76 7.24 -52.79 | 91.92 6.85 -35.77 | 66.99 6.62 -12.03 | 60.29 5.16 -12.17 |
| HICKLING___1 23621 | 41.85 1.45 0.00 | 39.05 0.88 0.00 | 37.34 0.62 0.00 | 34.70 0.61 0.00 | 34.86 0.62 0.00 | 36.74 0.86 0.00 | 38.39 1.55 0.00 | 44.54 2.60 0.00 | 44.49 2.56 0.00 | 48.00 3.10 0.00 | 55.28 4.24 0.00 | 63.51 5.24 0.00 | 66.32 4.95 -0.94 | 68.13 4.91 -4.08 | 66.47 4.82 -5.58 | 68.78 5.02 -6.68 | 71.90 5.04 -7.57 | 68.26 4.92 -6.10 | 66.56 4.77 -1.35 | 58.05 4.20 -0.68 | 56.05 3.88 -0.45 | 52.86 3.20 -0.37 | 50.87 2.37 -0.16 | 44.34 1.37 0.00 |
| HICKLING___2 23622 | 41.85 1.45 0.00 | 39.05 0.88 0.00 | 37.34 0.62 0.00 | 34.70 0.61 0.00 | 34.86 0.62 0.00 | 36.74 0.86 0.00 | 38.39 1.55 0.00 | 44.54 2.60 0.00 | 44.49 2.56 0.00 | 48.00 3.10 0.00 | 55.28 4.24 0.00 | 63.51 5.24 0.00 | 66.32 4.95 -0.94 | 68.13 4.91 -4.08 | 66.47 4.82 -5.58 | 68.78 5.02 -6.68 | 71.90 5.04 -7.57 | 68.26 4.92 -6.10 | 66.56 4.77 -1.35 | 58.05 4.20 -0.68 | 56.05 3.88 -0.45 | 52.86 3.20 -0.37 | 50.87 2.37 -0.16 | 44.34 1.37 0.00 |
| HIGH FALLS___HY 23754 | 44.88 4.48 0.00 | 41.80 3.63 0.00 | 39.91 3.19 0.00 | 36.92 2.83 0.00 | 37.15 2.91 0.00 | 38.86 2.98 0.00 | 40.45 3.61 0.00 | 47.68 5.75 0.00 | 47.55 5.62 0.00 | 51.41 6.51 0.00 | 58.75 7.71 0.00 | 67.58 9.32 0.00 | 76.15 10.09 -5.64 | 93.37 9.88 -24.35 | 99.51 10.15 -33.29 | 107.10 10.16 -39.87 | 114.97 10.49 -45.19 | 103.66 10.02 -36.41 | 78.99 10.52 -8.04 | 66.35 9.15 -4.03 | 63.34 8.95 -2.67 | 59.82 8.33 -2.20 | 57.43 8.12 -0.98 | 48.98 6.02 0.00 |

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| HILLBURN___GT 23639 | 43.87 3.47 0.00 | 40.84 2.67 0.00 | 38.96 2.24 0.00 | 36.10 2.01 0.00 | 36.30 2.05 0.00 | 37.93 2.05 0.00 | 39.46 2.62 0.00 | 46.01 4.07 0.00 | 46.37 4.44 0.00 | 50.06 5.16 0.00 | 57.32 6.28 0.00 | 65.66 7.40 0.00 | 74.64 8.04 -6.18 | 93.83 7.98 -26.71 | 100.38 7.79 -36.52 | 108.68 7.88 -43.73 | 117.10 8.24 -49.57 | 105.12 7.96 -39.93 | 77.54 8.28 -8.82 | 64.77 7.18 -4.42 | 61.53 6.88 -2.92 | 58.06 6.36 -2.41 | 55.40 5.99 -1.07 | 47.52 4.55 0.00 |
| HISHELDN_WT_PWR 323625 | 38.86 -1.54 0.00 | 36.34 -1.83 0.00 | 34.96 -1.76 0.00 | 32.62 -1.47 0.00 | 32.70 -1.54 0.00 | 34.38 -1.51 0.00 | 35.81 -1.03 0.00 | 41.27 -0.67 0.00 | 41.17 -0.75 0.00 | 44.09 -0.81 0.00 | 50.33 -0.71 0.00 | 57.39 -0.87 0.00 | 59.02 -2.05 -0.65 | 59.59 -2.37 -2.82 | 58.40 -1.51 -3.85 | 60.26 -1.43 -4.61 | 62.56 -1.96 -5.22 | 59.56 -1.89 -4.21 | 59.07 -2.30 -0.93 | 52.31 -1.33 -0.47 | 50.79 -1.24 -0.31 | 47.92 -1.63 -0.25 | 46.90 -1.55 -0.11 | 40.95 -2.02 0.00 |
| HOLTSVILLE_IC_1 23690 | 50.38 4.20 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.32 2.81 -1.27 | 40.60 2.83 -1.89 | 46.71 3.39 -6.47 | 54.42 5.12 -7.37 | 60.38 5.66 -12.79 | 69.60 6.51 -18.18 | 102.26 7.35 -43.87 | 109.86 8.39 -43.21 | 119.12 9.06 -49.63 | 141.38 8.69 -73.55 | 145.22 8.30 -80.85 | 149.72 8.39 -84.26 | 148.28 8.72 -80.28 | 145.29 8.53 -79.52 | 135.99 9.13 -66.42 | 102.26 7.92 -41.17 | 112.38 7.86 -52.79 | 92.36 7.29 -35.77 | 67.47 7.11 -12.03 | 60.20 5.07 -12.17 |
| HOLTSVILLE_IC_10 23699 | 50.87 4.69 -5.78 | 46.61 3.82 -4.62 | 40.10 3.38 0.00 | 38.38 3.10 -1.19 | 38.70 3.18 -1.27 | 41.03 3.27 -1.89 | 47.15 3.83 -6.47 | 55.09 5.79 -7.37 | 61.09 6.37 -12.79 | 70.40 7.32 -18.18 | 103.13 8.22 -43.87 | 110.91 9.44 -43.21 | 120.26 10.21 -49.63 | 142.50 9.82 -73.55 | 146.34 9.42 -80.85 | 150.87 9.53 -84.26 | 149.41 9.84 -80.28 | 146.37 9.62 -79.52 | 137.07 10.21 -66.42 | 103.22 8.88 -41.17 | 113.26 8.74 -52.79 | 93.20 8.13 -35.77 | 68.29 7.93 -12.03 | 60.76 5.63 -12.17 |
| HOLTSVILLE_IC_2 23691 | 50.38 4.20 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.32 2.81 -1.27 | 40.60 2.83 -1.89 | 46.71 3.39 -6.47 | 54.42 5.12 -7.37 | 60.38 5.66 -12.79 | 69.60 6.51 -18.18 | 102.26 7.35 -43.87 | 109.86 8.39 -43.21 | 119.12 9.06 -49.63 | 141.38 8.69 -73.55 | 145.22 8.30 -80.85 | 149.72 8.39 -84.26 | 148.28 8.72 -80.28 | 145.29 8.53 -79.52 | 135.99 9.13 -66.42 | 102.26 7.92 -41.17 | 112.38 7.86 -52.79 | 92.36 7.29 -35.77 | 67.47 7.11 -12.03 | 60.20 5.07 -12.17 |
| HOLTSVILLE_IC_3 23692 | 50.38 4.20 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.32 2.81 -1.27 | 40.60 2.83 -1.89 | 46.71 3.39 -6.47 | 54.42 5.12 -7.37 | 60.38 5.66 -12.79 | 69.60 6.51 -18.18 | 102.26 7.35 -43.87 | 109.86 8.39 -43.21 | 119.12 9.06 -49.63 | 141.38 8.69 -73.55 | 145.22 8.30 -80.85 | 149.72 8.39 -84.26 | 148.28 8.72 -80.28 | 145.29 8.53 -79.52 | 135.99 9.13 -66.42 | 102.26 7.92 -41.17 | 112.38 7.86 -52.79 | 92.36 7.29 -35.77 | 67.47 7.11 -12.03 | 60.20 5.07 -12.17 |
| HOLTSVILLE_IC_4 23693 | 50.38 4.20 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.32 2.81 -1.27 | 40.60 2.83 -1.89 | 46.71 3.39 -6.47 | 54.42 5.12 -7.37 | 60.38 5.66 -12.79 | 69.60 6.51 -18.18 | 102.26 7.35 -43.87 | 109.86 8.39 -43.21 | 119.12 9.06 -49.63 | 141.38 8.69 -73.55 | 145.22 8.30 -80.85 | 149.72 8.39 -84.26 | 148.28 8.72 -80.28 | 145.29 8.53 -79.52 | 135.99 9.13 -66.42 | 102.26 7.92 -41.17 | 112.38 7.86 -52.79 | 92.36 7.29 -35.77 | 67.47 7.11 -12.03 | 60.20 5.07 -12.17 |
| HOLTSVILLE_IC_5 23694 | 50.38 4.20 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.32 2.81 -1.27 | 40.60 2.83 -1.89 | 46.71 3.39 -6.47 | 54.42 5.12 -7.37 | 60.38 5.66 -12.79 | 69.60 6.51 -18.18 | 102.26 7.35 -43.87 | 109.86 8.39 -43.21 | 119.12 9.06 -49.63 | 141.38 8.69 -73.55 | 145.22 8.30 -80.85 | 149.72 8.39 -84.26 | 148.28 8.72 -80.28 | 145.29 8.53 -79.52 | 135.99 9.13 -66.42 | 102.26 7.92 -41.17 | 112.38 7.86 -52.79 | 92.36 7.29 -35.77 | 67.47 7.11 -12.03 | 60.20 5.07 -12.17 |
| HOLTSVILLE_IC_6 23695 | 50.87 4.69 -5.78 | 46.61 3.82 -4.62 | 40.10 3.38 0.00 | 38.38 3.10 -1.19 | 38.70 3.18 -1.27 | 41.03 3.27 -1.89 | 47.15 3.83 -6.47 | 55.09 5.79 -7.37 | 61.09 6.37 -12.79 | 70.40 7.32 -18.18 | 103.13 8.22 -43.87 | 110.91 9.44 -43.21 | 120.26 10.21 -49.63 | 142.50 9.82 -73.55 | 146.34 9.42 -80.85 | 150.87 9.53 -84.26 | 149.41 9.84 -80.28 | 146.37 9.62 -79.52 | 137.07 10.21 -66.42 | 103.22 8.88 -41.17 | 113.26 8.74 -52.79 | 93.20 8.13 -35.77 | 68.29 7.93 -12.03 | 60.76 5.63 -12.17 |
| HOLTSVILLE_IC_7 23696 | 50.87 4.69 -5.78 | 46.61 3.82 -4.62 | 40.10 3.38 0.00 | 38.38 3.10 -1.19 | 38.70 3.18 -1.27 | 41.03 3.27 -1.89 | 47.15 3.83 -6.47 | 55.09 5.79 -7.37 | 61.09 6.37 -12.79 | 70.40 7.32 -18.18 | 103.13 8.22 -43.87 | 110.91 9.44 -43.21 | 120.26 10.21 -49.63 | 142.50 9.82 -73.55 | 146.34 9.42 -80.85 | 150.87 9.53 -84.26 | 149.41 9.84 -80.28 | 146.37 9.62 -79.52 | 137.07 10.21 -66.42 | 103.22 8.88 -41.17 | 113.26 8.74 -52.79 | 93.20 8.13 -35.77 | 68.29 7.93 -12.03 | 60.76 5.63 -12.17 |
| HOLTSVILLE_IC_8 23697 | 50.87 4.69 -5.78 | 46.61 3.82 -4.62 | 40.10 3.38 0.00 | 38.38 3.10 -1.19 | 38.70 3.18 -1.27 | 41.03 3.27 -1.89 | 47.15 3.83 -6.47 | 55.09 5.79 -7.37 | 61.09 6.37 -12.79 | 70.40 7.32 -18.18 | 103.13 8.22 -43.87 | 110.91 9.44 -43.21 | 120.26 10.21 -49.63 | 142.50 9.82 -73.55 | 146.34 9.42 -80.85 | 150.87 9.53 -84.26 | 149.41 9.84 -80.28 | 146.37 9.62 -79.52 | 137.07 10.21 -66.42 | 103.22 8.88 -41.17 | 113.26 8.74 -52.79 | 93.20 8.13 -35.77 | 68.29 7.93 -12.03 | 60.76 5.63 -12.17 |
| HOLTSVILLE_IC_9 23698 | 50.87 4.69 -5.78 | 46.61 3.82 -4.62 | 40.10 3.38 0.00 | 38.38 3.10 -1.19 | 38.70 3.18 -1.27 | 41.03 3.27 -1.89 | 47.15 3.83 -6.47 | 55.09 5.79 -7.37 | 61.09 6.37 -12.79 | 70.40 7.32 -18.18 | 103.13 8.22 -43.87 | 110.91 9.44 -43.21 | 120.26 10.21 -49.63 | 142.50 9.82 -73.55 | 146.34 9.42 -80.85 | 150.87 9.53 -84.26 | 149.41 9.84 -80.28 | 146.37 9.62 -79.52 | 137.07 10.21 -66.42 | 103.22 8.88 -41.17 | 113.26 8.74 -52.79 | 93.20 8.13 -35.77 | 68.29 7.93 -12.03 | 60.76 5.63 -12.17 |
| HQ_GEN_CEDARS 23644 | 39.63 -0.77 0.00 | 37.87 -0.31 0.00 | 36.65 -0.07 0.00 | 33.88 -0.20 0.00 | 33.97 -0.27 0.00 | 35.67 -0.22 0.00 | 36.40 -0.44 0.00 | 41.02 -0.92 0.00 | 40.88 -1.05 0.00 | 43.55 -1.35 0.00 | 48.49 -2.55 0.00 | 55.17 -3.09 0.00 | 57.34 -3.08 0.00 | 56.18 -2.96 0.00 | 52.99 -3.08 0.00 | 53.88 -3.20 0.00 | 56.15 -3.14 0.00 | 54.15 -3.09 0.00 | 57.30 -3.14 0.00 | 50.19 -2.98 0.00 | 48.88 -2.84 0.00 | 47.61 -1.68 0.00 | 47.17 -1.16 0.00 | 41.16 -1.80 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 39.63 -0.77 0.00 | 37.87 -0.31 0.00 | 36.65 -0.07 0.00 | 33.88 -0.20 0.00 | 33.97 -0.27 0.00 | 35.67 -0.22 0.00 | 37.37 -0.44 -0.97 | 40.04 -0.92 0.97 | 40.88 -1.05 0.00 | 43.55 -1.35 0.00 | 48.49 -2.55 0.00 | 55.17 -3.09 0.00 | 57.34 -3.08 0.00 | 56.18 -2.96 0.00 | 52.99 -3.08 0.00 | 53.88 -3.20 0.00 | 56.15 -3.14 0.00 | 54.15 -3.09 0.00 | 57.30 -3.14 0.00 | 50.19 -2.98 0.00 | 49.36 -2.84 -0.48 | 48.49 -1.68 -0.88 | 45.82 -1.16 1.36 | 41.16 -1.80 0.00 |
| HQ_GEN_IMPORT 323601 | 38.65 -0.85 0.90 | 38.65 -0.42 -0.90 | 36.46 -0.26 0.00 | 33.82 -0.27 0.00 | 33.97 -0.27 0.00 | 35.60 -0.29 0.00 | 38.65 -0.52 -2.32 | 38.65 -0.96 2.32 | 40.92 -1.01 0.00 | 43.69 -1.21 0.00 | 49.51 -1.53 0.00 | 56.46 -1.81 0.00 | 58.67 -1.75 0.00 | 57.42 -1.72 0.00 | 54.33 -1.74 0.00 | 55.31 -1.77 0.00 | 57.51 -1.78 0.00 | 55.52 -1.72 0.00 | 58.62 -1.81 0.00 | 51.52 -1.65 0.00 | 50.60 -1.60 -0.48 | 48.79 -1.38 -0.88 | 45.77 -1.21 1.36 | 38.65 -1.12 3.20 |
| HQ_GEN_WHEEL 23651 | 38.65 -0.85 0.90 | 38.65 -0.42 -0.90 | 36.46 -0.26 0.00 | 33.82 -0.27 0.00 | 33.97 -0.27 0.00 | 35.60 -0.29 0.00 | 38.65 -0.52 -2.32 | 38.65 -0.96 2.32 | 40.92 -1.01 0.00 | 43.69 -1.21 0.00 | 49.51 -1.53 0.00 | 56.46 -1.81 0.00 | 58.67 -1.75 0.00 | 57.42 -1.72 0.00 | 54.33 -1.74 0.00 | 55.31 -1.77 0.00 | 57.51 -1.78 0.00 | 55.52 -1.72 0.00 | 58.62 -1.81 0.00 | 51.52 -1.65 0.00 | 50.60 -1.60 -0.48 | 48.79 -1.38 -0.88 | 45.77 -1.21 1.36 | 41.85 -1.12 0.00 |

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| HUDSON AVE_GT_3 23810 | 44.32 3.92 0.00 | 41.22 3.05 0.00 | 39.33 2.61 0.00 | 36.41 2.32 0.00 | 36.64 2.40 0.00 | 38.25 2.37 0.00 | 39.79 2.95 0.00 | 46.38 4.45 0.00 | 51.52 4.78 -4.81 | 53.14 5.52 -2.72 | 59.65 6.53 -2.07 | 65.72 7.46 0.00 | 75.04 8.04 -6.58 | 95.32 7.75 -28.44 | 102.40 7.46 -38.87 | 111.28 7.65 -46.55 | 119.94 7.89 -52.77 | 107.42 7.67 -42.51 | 77.92 8.10 -9.39 | 65.00 7.12 -4.71 | 61.87 7.03 -3.11 | 58.51 6.65 -2.57 | 55.87 6.38 -1.16 | 47.95 4.98 0.00 |
| HUDSON AVE_GT_4 23540 | 44.32 3.92 0.00 | 41.22 3.05 0.00 | 39.33 2.61 0.00 | 36.41 2.32 0.00 | 36.64 2.40 0.00 | 38.25 2.37 0.00 | 39.79 2.95 0.00 | 46.38 4.45 0.00 | 51.52 4.78 -4.81 | 53.14 5.52 -2.72 | 59.65 6.53 -2.07 | 65.72 7.46 0.00 | 75.04 8.04 -6.58 | 95.32 7.75 -28.44 | 102.40 7.46 -38.87 | 111.28 7.65 -46.55 | 119.94 7.89 -52.77 | 107.42 7.67 -42.51 | 77.92 8.10 -9.39 | 65.00 7.12 -4.71 | 61.87 7.03 -3.11 | 58.51 6.65 -2.57 | 55.87 6.38 -1.16 | 47.95 4.98 0.00 |
| HUDSON AVE_GT_5 23657 | 44.32 3.92 0.00 | 41.22 3.05 0.00 | 39.33 2.61 0.00 | 36.41 2.32 0.00 | 36.64 2.40 0.00 | 38.25 2.37 0.00 | 39.79 2.95 0.00 | 46.38 4.45 0.00 | 51.52 4.78 -4.81 | 53.14 5.52 -2.72 | 59.65 6.53 -2.07 | 65.72 7.46 0.00 | 75.04 8.04 -6.58 | 95.32 7.75 -28.44 | 102.40 7.46 -38.87 | 111.28 7.65 -46.55 | 119.94 7.89 -52.77 | 107.42 7.67 -42.51 | 77.92 8.10 -9.39 | 65.00 7.12 -4.71 | 61.87 7.03 -3.11 | 58.51 6.65 -2.57 | 55.87 6.38 -1.16 | 47.95 4.98 0.00 |
| HUDSON_AVE_10 24168 | 44.20 3.80 0.00 | 41.15 2.98 0.00 | 39.25 2.53 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.11 2.22 0.00 | 39.64 2.80 0.00 | 46.17 4.24 0.00 | 46.44 4.49 -0.03 | 50.08 5.16 -0.02 | 57.18 6.13 -0.01 | 65.31 7.05 0.00 | 74.68 7.67 -6.58 | 94.85 7.27 -28.44 | 101.95 7.01 -38.87 | 110.82 7.19 -46.55 | 119.47 7.41 -52.77 | 106.96 7.21 -42.51 | 77.62 7.80 -9.39 | 64.79 6.91 -4.71 | 61.66 6.83 -3.11 | 58.16 6.31 -2.57 | 55.48 5.99 -1.16 | 47.73 4.77 0.00 |
| HUNTER MOUNT___DRP 323613 | 43.87 3.47 0.00 | 41.03 2.86 0.00 | 39.25 2.53 0.00 | 36.37 2.28 0.00 | 36.61 2.36 0.00 | 38.39 2.51 0.00 | 39.61 2.76 0.00 | 46.47 4.53 0.00 | 46.71 4.78 0.00 | 50.24 5.34 0.00 | 57.32 6.28 0.00 | 65.84 7.57 0.00 | 71.82 8.10 -3.30 | 81.61 8.22 -14.25 | 83.45 7.91 -19.48 | 88.11 7.71 -23.33 | 93.79 8.06 -26.44 | 86.26 7.73 -21.30 | 73.24 8.10 -4.70 | 62.60 7.07 -2.36 | 60.21 6.93 -1.56 | 56.88 6.31 -1.29 | 54.80 5.90 -0.57 | 47.35 4.38 0.00 |
| HUNTLEY___63 23557 | 38.78 -1.62 0.00 | 36.22 -1.95 0.00 | 34.88 -1.84 0.00 | 32.59 -1.50 0.00 | 32.63 -1.61 0.00 | 34.30 -1.58 0.00 | 35.70 -1.14 0.00 | 41.23 -0.71 0.00 | 41.22 -0.71 0.00 | 44.00 -0.90 0.00 | 50.07 -0.97 0.00 | 57.04 -1.22 0.00 | 58.27 -2.72 -0.57 | 58.40 -3.19 -2.46 | 57.30 -2.13 -3.36 | 59.04 -2.05 -4.02 | 61.12 -2.73 -4.56 | 58.28 -2.63 -3.67 | 58.17 -3.08 -0.81 | 51.82 -1.75 -0.41 | 50.44 -1.55 -0.27 | 47.59 -1.92 -0.22 | 46.79 -1.64 -0.10 | 40.77 -2.19 0.00 |
| HUNTLEY___64 23558 | 38.78 -1.62 0.00 | 36.22 -1.95 0.00 | 34.88 -1.84 0.00 | 32.59 -1.50 0.00 | 32.63 -1.61 0.00 | 34.30 -1.58 0.00 | 35.70 -1.14 0.00 | 41.23 -0.71 0.00 | 41.22 -0.71 0.00 | 44.00 -0.90 0.00 | 50.07 -0.97 0.00 | 57.04 -1.22 0.00 | 58.27 -2.72 -0.57 | 58.40 -3.19 -2.46 | 57.30 -2.13 -3.36 | 59.04 -2.05 -4.02 | 61.12 -2.73 -4.56 | 58.28 -2.63 -3.67 | 58.17 -3.08 -0.81 | 51.82 -1.75 -0.41 | 50.44 -1.55 -0.27 | 47.59 -1.92 -0.22 | 46.79 -1.64 -0.10 | 40.77 -2.19 0.00 |
| HUNTLEY___65 23559 | 38.78 -1.62 0.00 | 36.22 -1.95 0.00 | 34.88 -1.84 0.00 | 32.59 -1.50 0.00 | 32.63 -1.61 0.00 | 34.30 -1.58 0.00 | 35.70 -1.14 0.00 | 41.23 -0.71 0.00 | 41.22 -0.71 0.00 | 44.00 -0.90 0.00 | 50.07 -0.97 0.00 | 57.04 -1.22 0.00 | 58.27 -2.72 -0.57 | 58.40 -3.19 -2.46 | 57.30 -2.13 -3.36 | 59.04 -2.05 -4.02 | 61.12 -2.73 -4.56 | 58.28 -2.63 -3.67 | 58.17 -3.08 -0.81 | 51.82 -1.75 -0.41 | 50.44 -1.55 -0.27 | 47.59 -1.92 -0.22 | 46.79 -1.64 -0.10 | 40.77 -2.19 0.00 |
| HUNTLEY___66 23560 | 38.78 -1.62 0.00 | 36.22 -1.95 0.00 | 34.88 -1.84 0.00 | 32.59 -1.50 0.00 | 32.63 -1.61 0.00 | 34.30 -1.58 0.00 | 35.70 -1.14 0.00 | 41.23 -0.71 0.00 | 41.22 -0.71 0.00 | 44.00 -0.90 0.00 | 50.07 -0.97 0.00 | 57.04 -1.22 0.00 | 58.27 -2.72 -0.57 | 58.40 -3.19 -2.46 | 57.30 -2.13 -3.36 | 59.04 -2.05 -4.02 | 61.12 -2.73 -4.56 | 58.28 -2.63 -3.67 | 58.17 -3.08 -0.81 | 51.82 -1.75 -0.41 | 50.44 -1.55 -0.27 | 47.59 -1.92 -0.22 | 46.79 -1.64 -0.10 | 40.77 -2.19 0.00 |
| HUNTLEY___67 23561 | 38.18 -2.22 0.00 | 35.77 -2.40 0.00 | 34.44 -2.28 0.00 | 32.18 -1.91 0.00 | 32.22 -2.02 0.00 | 33.87 -2.01 0.00 | 35.22 -1.62 0.00 | 40.47 -1.47 0.00 | 40.38 -1.55 0.00 | 43.06 -1.84 0.00 | 49.05 -1.99 0.00 | 55.87 -2.39 0.00 | 57.14 -3.87 -0.59 | 57.35 -4.32 -2.53 | 56.33 -3.20 -3.46 | 58.08 -3.14 -4.14 | 60.13 -3.85 -4.70 | 57.36 -3.66 -3.78 | 57.10 -4.17 -0.84 | 50.83 -2.76 -0.42 | 49.41 -2.59 -0.28 | 46.66 -2.86 -0.23 | 45.87 -2.56 -0.10 | 40.09 -2.88 0.00 |
| HUNTLEY___68 23562 | 38.18 -2.22 0.00 | 35.77 -2.40 0.00 | 34.44 -2.28 0.00 | 32.18 -1.91 0.00 | 32.22 -2.02 0.00 | 33.87 -2.01 0.00 | 35.22 -1.62 0.00 | 40.47 -1.47 0.00 | 40.38 -1.55 0.00 | 43.06 -1.84 0.00 | 49.05 -1.99 0.00 | 55.87 -2.39 0.00 | 57.14 -3.87 -0.59 | 57.35 -4.32 -2.53 | 56.33 -3.20 -3.46 | 58.08 -3.14 -4.14 | 60.13 -3.85 -4.70 | 57.36 -3.66 -3.78 | 57.10 -4.17 -0.84 | 50.83 -2.76 -0.42 | 49.41 -2.59 -0.28 | 46.66 -2.86 -0.23 | 45.87 -2.56 -0.10 | 40.09 -2.88 0.00 |
| HYLAND___LFGE 323620 | 40.92 0.53 0.00 | 38.09 -0.08 0.00 | 36.54 -0.18 0.00 | 34.05 -0.03 0.00 | 34.14 -0.10 0.00 | 36.06 0.18 0.00 | 37.65 0.81 0.00 | 43.74 1.80 0.00 | 43.82 1.89 0.00 | 46.97 2.07 0.00 | 51.35 0.31 0.00 | 57.16 -1.11 0.00 | 59.07 -1.99 -0.64 | 59.71 -2.19 -2.76 | 57.93 -1.91 -3.77 | 59.93 -1.66 -4.51 | 62.27 -2.13 -5.11 | 59.41 -1.95 -4.12 | 59.11 -2.24 -0.91 | 52.03 -1.60 -0.46 | 50.42 -1.60 -0.30 | 49.09 -0.44 -0.25 | 50.09 1.64 -0.11 | 43.74 0.77 0.00 |
| INDECK___CORINTH 23802 | 42.13 1.74 0.00 | 39.54 1.37 0.00 | 37.82 1.10 0.00 | 35.01 0.92 0.00 | 35.24 0.99 0.00 | 37.00 1.11 0.00 | 38.06 1.22 0.00 | 43.41 1.47 0.00 | 43.77 1.84 0.00 | 46.88 1.98 0.00 | 52.37 1.33 0.00 | 59.02 0.76 0.00 | 60.69 0.60 0.33 | 58.41 0.71 1.44 | 54.83 0.73 1.97 | 55.29 0.57 2.36 | 57.21 0.59 2.67 | 55.77 0.69 2.15 | 61.90 1.93 0.48 | 54.63 1.70 0.24 | 53.79 2.22 0.16 | 51.53 2.37 0.13 | 50.35 2.08 0.06 | 45.20 2.23 0.00 |
| INDECK___ILION 23567 | 41.53 1.13 0.00 | 39.12 0.95 0.00 | 37.60 0.88 0.00 | 34.91 0.82 0.00 | 35.13 0.89 0.00 | 36.74 0.86 0.00 | 37.80 0.96 0.00 | 43.15 1.22 0.00 | 43.19 1.26 0.00 | 46.29 1.39 0.00 | 52.68 1.63 0.00 | 60.19 1.92 0.00 | 62.30 1.87 0.00 | 60.91 1.77 0.00 | 57.75 1.68 0.00 | 58.79 1.71 0.00 | 61.19 1.90 0.00 | 59.01 1.77 0.00 | 62.37 1.93 0.00 | 54.87 1.70 0.00 | 53.38 1.66 0.00 | 50.77 1.48 0.00 | 49.74 1.40 0.00 | 44.21 1.25 0.00 |
| INDECK___OLEAN 23982 | 40.16 -0.24 0.00 | 37.41 -0.76 0.00 | 35.80 -0.92 0.00 | 33.34 -0.75 0.00 | 33.46 -0.79 0.00 | 35.38 -0.50 0.00 | 37.21 0.37 0.00 | 43.78 1.85 0.00 | 43.98 2.05 0.00 | 47.55 2.65 0.00 | 54.62 3.57 0.00 | 62.69 4.43 0.00 | 64.83 3.75 -0.66 | 65.37 3.37 -2.86 | 63.74 3.76 -3.91 | 65.64 3.88 -4.69 | 68.16 3.56 -5.31 | 64.78 3.26 -4.28 | 64.16 2.78 -0.94 | 56.52 2.87 -0.47 | 54.67 2.64 -0.31 | 51.27 1.73 -0.26 | 49.46 1.01 -0.11 | 42.19 -0.77 0.00 |
| INDECK___OSWEGO 23783 | 43.06 2.67 0.00 | 40.42 2.25 0.00 | 38.70 1.98 0.00 | 35.79 1.70 0.00 | 35.96 1.71 0.00 | 37.96 2.08 0.00 | 39.16 2.32 0.00 | 45.13 3.19 0.00 | 44.91 2.98 0.00 | 48.45 3.55 0.00 | 55.33 4.29 0.00 | 63.33 5.07 0.00 | 65.57 4.89 -0.25 | 65.02 4.79 -1.09 | 61.88 4.32 -1.49 | 63.20 4.34 -1.79 | 66.12 4.80 -2.03 | 58.24 -0.63 -1.63 | 60.07 -0.73 -0.36 | 52.82 -0.53 -0.18 | 51.43 -0.41 -0.12 | 48.94 -0.44 -0.10 | 47.80 -0.58 -0.04 | 42.71 -0.26 0.00 |

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| INDECK____YERKES 23781 | 38.78 -1.62 0.00 | 36.22 -1.95 0.00 | 34.88 -1.84 0.00 | 32.59 -1.50 0.00 | 32.63 -1.61 0.00 | 34.30 -1.58 0.00 | 35.70 -1.14 0.00 | 41.23 -0.71 0.00 | 41.22 -0.71 0.00 | 44.00 -0.90 0.00 | 50.07 -0.97 0.00 | 57.04 -1.22 0.00 | 58.27 -2.72 -0.57 | 58.40 -3.19 -2.46 | 57.30 -2.13 -3.36 | 59.04 -2.05 -4.02 | 61.12 -2.73 -4.56 | 58.28 -2.63 -3.67 | 58.17 -3.08 -0.81 | 51.82 -1.75 -0.41 | 50.44 -1.55 -0.27 | 47.59 -1.92 -0.22 | 46.79 -1.64 -0.10 | 40.77 -2.19 0.00 |
| INDIAN POINT_GT_1 24139 | 43.63 3.23 0.00 | 40.65 2.48 0.00 | 38.78 2.06 0.00 | 35.93 1.84 0.00 | 36.13 1.88 0.00 | 37.75 1.87 0.00 | 39.24 2.39 0.00 | 45.63 3.69 0.00 | 45.95 4.03 0.00 | 49.57 4.67 0.00 | 56.61 5.56 0.00 | 64.67 6.41 0.00 | 73.94 7.01 -6.51 | 94.12 6.86 -28.12 | 101.18 6.67 -38.44 | 109.90 6.79 -46.03 | 118.52 7.06 -52.18 | 106.14 6.87 -42.04 | 76.85 7.13 -9.28 | 64.10 6.27 -4.65 | 60.90 6.10 -3.08 | 57.54 5.72 -2.54 | 54.92 5.46 -1.13 | 47.18 4.21 0.00 |
| INDIAN POINT_GT_2 23659 | 43.63 3.23 0.00 | 40.65 2.48 0.00 | 38.78 2.06 0.00 | 35.93 1.84 0.00 | 36.13 1.88 0.00 | 37.75 1.87 0.00 | 39.24 2.39 0.00 | 45.63 3.69 0.00 | 45.95 4.03 0.00 | 49.57 4.67 0.00 | 56.61 5.56 0.00 | 64.67 6.41 0.00 | 73.94 7.01 -6.51 | 94.12 6.86 -28.12 | 101.18 6.67 -38.44 | 109.90 6.79 -46.03 | 118.52 7.06 -52.18 | 106.14 6.87 -42.04 | 76.85 7.13 -9.28 | 64.10 6.27 -4.65 | 60.90 6.10 -3.08 | 57.54 5.72 -2.54 | 54.92 5.46 -1.13 | 47.18 4.21 0.00 |
| INDIAN POINT_GT_3 24019 | 43.63 3.23 0.00 | 40.65 2.48 0.00 | 38.78 2.06 0.00 | 35.93 1.84 0.00 | 36.13 1.88 0.00 | 37.75 1.87 0.00 | 39.24 2.39 0.00 | 45.63 3.69 0.00 | 45.95 4.03 0.00 | 49.57 4.67 0.00 | 56.61 5.56 0.00 | 64.67 6.41 0.00 | 73.94 7.01 -6.51 | 94.12 6.86 -28.12 | 101.18 6.67 -38.44 | 109.90 6.79 -46.03 | 118.52 7.06 -52.18 | 106.14 6.87 -42.04 | 76.85 7.13 -9.28 | 64.10 6.27 -4.65 | 60.90 6.10 -3.08 | 57.54 5.72 -2.54 | 54.92 5.46 -1.13 | 47.18 4.21 0.00 |
| INDIAN POINT____2 23530 | 43.51 3.11 0.00 | 40.54 2.37 0.00 | 38.67 1.95 0.00 | 35.83 1.74 0.00 | 36.02 1.78 0.00 | 37.68 1.79 0.00 | 39.13 2.28 0.00 | 45.50 3.56 0.00 | 45.83 3.90 0.00 | 49.44 4.53 0.00 | 56.50 5.46 0.00 | 64.61 6.35 0.00 | 73.73 6.89 -6.42 | 93.66 6.80 -27.72 | 100.57 6.62 -37.89 | 109.19 6.74 -45.37 | 117.72 7.00 -51.43 | 105.43 6.75 -41.44 | 76.66 7.07 -9.15 | 63.93 6.17 -4.59 | 60.76 6.00 -3.03 | 57.36 5.57 -2.50 | 54.76 5.32 -1.11 | 47.05 4.08 0.00 |
| INDIAN POINT____3 23531 | 43.43 3.03 0.00 | 40.46 2.29 0.00 | 38.63 1.91 0.00 | 35.79 1.70 0.00 | 35.99 1.75 0.00 | 37.64 1.76 0.00 | 39.09 2.25 0.00 | 45.42 3.48 0.00 | 45.74 3.82 0.00 | 49.35 4.45 0.00 | 56.35 5.31 0.00 | 64.44 6.18 0.00 | 73.64 6.71 -6.51 | 93.83 6.56 -28.13 | 100.92 6.39 -38.45 | 109.63 6.51 -46.05 | 118.25 6.76 -52.20 | 105.87 6.58 -42.05 | 76.61 6.89 -9.29 | 63.83 6.01 -4.65 | 60.65 5.84 -3.08 | 57.30 5.47 -2.54 | 54.68 5.22 -1.13 | 46.96 4.00 0.00 |
| IP CORINTH____1 23988 | 42.62 2.22 0.00 | 40.00 1.83 0.00 | 38.22 1.51 0.00 | 35.38 1.30 0.00 | 35.65 1.40 0.00 | 37.39 1.51 0.00 | 38.46 1.62 0.00 | 43.91 1.97 0.00 | 44.28 2.35 0.00 | 47.33 2.42 0.00 | 52.78 1.74 0.00 | 59.37 1.11 0.00 | 60.99 0.91 0.33 | 58.70 1.01 1.44 | 55.11 1.01 1.97 | 55.57 0.86 2.36 | 57.50 0.89 2.67 | 56.11 1.03 2.15 | 62.44 2.48 0.48 | 55.22 2.29 0.24 | 54.41 2.84 0.16 | 52.12 2.96 0.13 | 50.93 2.66 0.06 | 45.76 2.79 0.00 |
| IP____TICONDEROGA 23804 | 43.83 3.43 0.00 | 41.11 2.94 0.00 | 39.36 2.64 0.00 | 36.61 2.52 0.00 | 36.88 2.64 0.00 | 38.54 2.66 0.00 | 39.75 2.91 0.00 | 45.21 3.27 0.00 | 45.32 3.40 0.00 | 48.45 3.55 0.00 | 54.56 3.52 0.00 | 61.82 3.55 0.00 | 63.99 3.56 0.00 | 62.57 3.43 0.00 | 59.38 3.31 0.00 | 60.39 3.31 0.00 | 62.79 3.50 0.00 | 60.73 3.49 0.00 | 64.67 4.23 0.00 | 57.21 4.04 0.00 | 55.96 4.24 0.00 | 53.28 3.99 0.00 | 52.15 3.82 0.00 | 47.05 4.08 0.00 |
| JARVIS____ 23743 | 40.72 0.32 0.00 | 38.40 0.23 0.00 | 36.87 0.15 0.00 | 34.26 0.17 0.00 | 34.41 0.17 0.00 | 36.03 0.14 0.00 | 37.06 0.22 0.00 | 42.27 0.34 0.00 | 42.26 0.34 0.00 | 45.26 0.36 0.00 | 51.50 0.46 0.00 | 58.79 0.52 0.00 | 60.97 0.54 0.00 | 59.67 0.53 0.00 | 56.57 0.50 0.00 | 57.59 0.51 0.00 | 59.82 0.53 0.00 | 57.75 0.52 0.00 | 61.04 0.60 0.00 | 53.70 0.53 0.00 | 52.19 0.47 0.00 | 49.68 0.39 0.00 | 48.72 0.39 0.00 | 43.31 0.34 0.00 |
| JENNISON____1 23625 | 42.82 2.42 0.00 | 40.12 1.95 0.00 | 38.41 1.69 0.00 | 35.73 1.64 0.00 | 35.89 1.64 0.00 | 37.64 1.76 0.00 | 39.09 2.25 0.00 | 45.13 3.19 0.00 | 45.16 3.23 0.00 | 48.72 3.82 0.00 | 55.84 4.80 0.00 | 63.91 5.65 0.00 | 67.23 5.50 -1.31 | 70.20 5.38 -5.67 | 68.98 5.16 -7.76 | 71.50 5.14 -9.29 | 75.39 5.57 -10.53 | 70.87 5.15 -8.48 | 67.63 5.32 -1.87 | 58.95 4.84 -0.94 | 56.95 4.60 -0.62 | 53.89 4.09 -0.51 | 52.19 3.63 -0.23 | 45.80 2.84 0.00 |
| JENNISON____2 23626 | 42.78 2.38 0.00 | 40.04 1.87 0.00 | 38.34 1.62 0.00 | 35.66 1.57 0.00 | 35.85 1.61 0.00 | 37.57 1.69 0.00 | 39.02 2.17 0.00 | 45.04 3.10 0.00 | 45.07 3.14 0.00 | 48.58 3.68 0.00 | 55.69 4.64 0.00 | 63.80 5.53 0.00 | 67.11 5.38 -1.31 | 70.02 5.20 -5.67 | 68.87 5.05 -7.76 | 71.39 5.02 -9.29 | 75.21 5.40 -10.53 | 70.75 5.04 -8.48 | 67.51 5.20 -1.87 | 58.79 4.68 -0.94 | 56.84 4.50 -0.62 | 53.74 3.94 -0.51 | 52.09 3.53 -0.23 | 45.71 2.75 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 50.54 4.36 -5.78 | 46.38 3.59 -4.62 | 39.88 3.16 0.00 | 38.21 2.93 -1.19 | 38.49 2.98 -1.27 | 40.78 3.01 -1.89 | 46.89 3.57 -6.47 | 54.80 5.49 -7.37 | 60.80 6.08 -12.79 | 69.78 6.69 -18.18 | 102.31 7.40 -43.87 | 109.98 8.51 -43.21 | 119.30 9.24 -49.63 | 141.56 8.87 -73.55 | 145.33 8.41 -80.85 | 149.84 8.50 -84.26 | 148.40 8.83 -80.28 | 145.46 8.70 -79.52 | 136.17 9.31 -66.42 | 102.42 8.08 -41.17 | 112.48 7.97 -52.79 | 92.46 7.39 -35.77 | 67.66 7.30 -12.03 | 60.12 4.98 -12.17 |
| KEDC PORT_JEFF_GT3 24211 | 50.54 4.36 -5.78 | 46.38 3.59 -4.62 | 39.88 3.16 0.00 | 38.21 2.93 -1.19 | 38.49 2.98 -1.27 | 40.78 3.01 -1.89 | 46.89 3.57 -6.47 | 54.80 5.49 -7.37 | 60.80 6.08 -12.79 | 69.78 6.69 -18.18 | 102.31 7.40 -43.87 | 109.98 8.51 -43.21 | 119.30 9.24 -49.63 | 141.56 8.87 -73.55 | 145.33 8.41 -80.85 | 149.84 8.50 -84.26 | 148.40 8.83 -80.28 | 145.46 8.70 -79.52 | 136.17 9.31 -66.42 | 102.42 8.08 -41.17 | 112.48 7.97 -52.79 | 92.46 7.39 -35.77 | 67.66 7.30 -12.03 | 60.12 4.98 -12.17 |
| KEDC_GLWD_GT4 24219 | 50.26 4.08 -5.78 | 46.00 3.21 -4.62 | 39.51 2.79 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.32 2.55 -1.89 | 46.37 3.06 -6.47 | 53.88 4.57 -7.37 | 59.54 4.82 -12.79 | 68.43 5.34 -18.18 | 101.19 6.28 -43.87 | 108.64 7.17 -43.21 | 117.79 7.73 -49.63 | 140.26 7.57 -73.55 | 144.21 7.29 -80.85 | 148.81 7.48 -84.26 | 147.27 7.71 -80.28 | 144.26 7.50 -79.52 | 134.72 7.86 -66.42 | 101.25 6.91 -41.17 | 111.34 6.83 -52.79 | 91.47 6.41 -35.77 | 66.60 6.24 -12.03 | 60.16 5.03 -12.17 |
| KEDC_GLWD_GT5 24220 | 50.26 4.08 -5.78 | 46.00 3.21 -4.62 | 39.51 2.79 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.32 2.55 -1.89 | 46.37 3.06 -6.47 | 53.88 4.57 -7.37 | 59.54 4.82 -12.79 | 68.43 5.34 -18.18 | 101.19 6.28 -43.87 | 108.64 7.17 -43.21 | 117.79 7.73 -49.63 | 140.26 7.57 -73.55 | 144.21 7.29 -80.85 | 148.81 7.48 -84.26 | 147.27 7.71 -80.28 | 144.26 7.50 -79.52 | 134.72 7.86 -66.42 | 101.25 6.91 -41.17 | 111.34 6.83 -52.79 | 91.47 6.41 -35.77 | 66.60 6.24 -12.03 | 60.16 5.03 -12.17 |
| KENSICO____ 23655 | 43.79 3.39 0.00 | 40.80 2.63 0.00 | 38.96 2.24 0.00 | 36.10 2.01 0.00 | 36.30 2.05 0.00 | 37.93 2.05 0.00 | 39.38 2.54 0.00 | 45.80 3.86 0.00 | 46.16 4.23 0.00 | 49.80 4.89 0.00 | 56.86 5.82 0.00 | 64.96 6.70 0.00 | 74.24 7.25 -6.57 | 94.60 7.10 -28.37 | 101.69 6.84 -38.78 | 110.48 6.96 -46.44 | 119.16 7.23 -52.64 | 106.68 7.04 -42.41 | 77.18 7.37 -9.36 | 64.35 6.49 -4.69 | 61.14 6.31 -3.11 | 57.76 5.91 -2.56 | 55.18 5.70 -1.14 | 47.35 4.38 0.00 |

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|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| KIAC_JFK_GT1 23816 | 44.52 4.12 0.00 | 41.41 3.24 0.00 | 39.51 2.79 0.00 | 36.51 2.42 0.00 | 36.67 2.43 0.00 | 38.22 2.33 0.00 | 39.79 2.95 0.00 | 46.30 4.36 0.00 | 46.19 4.23 -0.03 | 49.81 4.89 -0.02 | 56.82 5.77 -0.01 | 65.20 6.93 0.00 | 74.56 7.55 -6.58 | 94.49 6.92 -28.44 | 101.61 6.67 -38.87 | 110.48 6.85 -46.55 | 119.17 7.11 -52.77 | 106.67 6.93 -42.51 | 77.56 7.74 -9.39 | 64.84 6.97 -4.71 | 61.77 6.93 -3.11 | 57.92 6.06 -2.57 | 55.15 5.66 -1.16 | 47.69 4.73 0.00 |
| KIAC_JFK_GT2 23817 | 44.52 4.12 0.00 | 41.41 3.24 0.00 | 39.51 2.79 0.00 | 36.51 2.42 0.00 | 36.67 2.43 0.00 | 38.22 2.33 0.00 | 39.79 2.95 0.00 | 46.30 4.36 0.00 | 46.19 4.23 -0.03 | 49.81 4.89 -0.02 | 56.82 5.77 -0.01 | 65.20 6.93 0.00 | 74.56 7.55 -6.58 | 94.49 6.92 -28.44 | 101.61 6.67 -38.87 | 110.48 6.85 -46.55 | 119.17 7.11 -52.77 | 106.67 6.93 -42.51 | 77.56 7.74 -9.39 | 64.84 6.97 -4.71 | 61.77 6.93 -3.11 | 57.92 6.06 -2.57 | 55.15 5.66 -1.16 | 47.69 4.73 0.00 |
| KINTIGH____ 23543 | 37.93 -2.46 0.00 | 35.54 -2.63 0.00 | 34.30 -2.42 0.00 | 32.18 -1.91 0.00 | 32.15 -2.09 0.00 | 33.69 -2.19 0.00 | 34.85 -1.99 0.00 | 39.97 -1.97 0.00 | 39.83 -2.10 0.00 | 42.43 -2.47 0.00 | 48.34 -2.71 0.00 | 55.00 -3.26 0.00 | 56.25 -4.65 -0.48 | 56.20 -5.03 -2.09 | 54.83 -4.09 -2.86 | 56.44 -4.05 -3.42 | 58.42 -4.74 -3.88 | 55.84 -4.52 -3.12 | 56.23 -4.90 -0.69 | 50.01 -3.51 -0.35 | 48.69 -3.26 -0.23 | 46.13 -3.35 -0.19 | 45.42 -3.00 -0.08 | 40.00 -2.96 0.00 |
| LEDERLE____ 23769 | 44.03 3.64 0.00 | 41.00 2.82 0.00 | 39.11 2.39 0.00 | 36.24 2.15 0.00 | 36.43 2.19 0.00 | 38.11 2.22 0.00 | 39.64 2.80 0.00 | 46.17 4.24 0.00 | 46.54 4.61 0.00 | 50.24 5.34 0.00 | 57.47 6.43 0.00 | 65.84 7.57 0.00 | 74.99 8.28 -6.29 | 94.53 8.22 -27.17 | 101.23 8.02 -37.14 | 109.66 8.10 -44.47 | 118.12 8.42 -50.41 | 106.03 8.18 -40.61 | 77.87 8.46 -8.97 | 65.00 7.34 -4.50 | 61.78 7.09 -2.97 | 58.30 6.56 -2.45 | 55.61 6.19 -1.09 | 47.69 4.73 0.00 |
| LINDEN COGEN____ 23786 | 40.98 3.68 3.09 | 40.96 2.79 0.00 | 39.07 2.35 0.00 | 36.17 2.08 0.00 | 36.40 2.16 0.00 | 38.00 2.12 0.00 | 39.57 2.73 0.00 | 45.27 4.15 0.82 | 49.31 4.53 -2.86 | 50.42 5.25 -0.27 | 59.39 6.28 -2.07 | 65.20 6.93 0.00 | 74.50 7.49 -6.58 | 94.67 7.10 -28.44 | 101.78 6.84 -38.87 | 110.59 6.96 -46.55 | 119.29 7.23 -52.77 | 106.79 7.04 -42.51 | 77.38 7.55 -9.39 | 64.63 6.75 -4.71 | 61.56 6.72 -3.11 | 58.21 6.36 -2.57 | 55.26 6.04 -0.88 | 42.94 4.68 4.71 |
| LIPA_MISC_IPP 23656 | 50.38 4.20 -5.78 | 46.15 3.36 -4.62 | 39.66 2.94 0.00 | 38.00 2.73 -1.19 | 38.29 2.77 -1.27 | 40.60 2.83 -1.89 | 46.71 3.39 -6.47 | 54.55 5.24 -7.37 | 60.54 5.83 -12.79 | 69.87 6.78 -18.18 | 102.56 7.66 -43.87 | 110.27 8.80 -43.21 | 119.54 9.49 -49.63 | 141.85 9.17 -73.55 | 145.73 8.80 -80.85 | 150.24 8.90 -84.26 | 148.81 9.25 -80.28 | 145.80 9.04 -79.52 | 136.41 9.55 -66.42 | 102.69 8.35 -41.17 | 112.69 8.17 -52.79 | 92.65 7.59 -35.77 | 67.71 7.35 -12.03 | 60.37 5.24 -12.17 |
| LISF____SOLAR 323691 | 50.42 4.24 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.04 2.76 -1.19 | 38.32 2.81 -1.27 | 40.64 2.87 -1.89 | 46.74 3.43 -6.47 | 54.63 5.33 -7.37 | 60.63 5.91 -12.79 | 70.00 6.91 -18.18 | 102.72 7.81 -43.87 | 110.39 8.91 -43.21 | 119.72 9.67 -49.63 | 142.03 9.34 -73.55 | 145.84 8.92 -80.85 | 150.35 9.02 -84.26 | 148.99 9.43 -80.28 | 145.97 9.22 -79.52 | 136.59 9.73 -66.42 | 102.79 8.45 -41.17 | 112.84 8.33 -52.79 | 92.80 7.74 -35.77 | 67.86 7.49 -12.03 | 60.46 5.33 -12.17 |
| LITTLE FALLS____HYD 24013 | 42.46 2.06 0.00 | 40.00 1.83 0.00 | 38.41 1.69 0.00 | 35.66 1.57 0.00 | 35.89 1.64 0.00 | 37.53 1.65 0.00 | 38.65 1.81 0.00 | 44.16 2.22 0.00 | 44.15 2.22 0.00 | 47.37 2.47 0.00 | 53.90 2.86 0.00 | 61.58 3.32 0.00 | 63.75 3.32 0.00 | 62.22 3.08 0.00 | 58.99 2.92 0.00 | 60.04 2.97 0.00 | 62.61 3.32 0.00 | 60.38 3.15 0.00 | 63.82 3.38 0.00 | 56.15 2.98 0.00 | 54.62 2.90 0.00 | 51.95 2.66 0.00 | 50.90 2.56 0.00 | 45.20 2.23 0.00 |
| LI_NEWBRDGE____DRP 323616 | 50.22 4.04 -5.78 | 46.04 3.24 -4.62 | 39.55 2.83 0.00 | 37.83 2.56 -1.19 | 38.15 2.64 -1.27 | 40.42 2.66 -1.89 | 46.48 3.17 -6.47 | 54.05 4.74 -7.37 | 59.83 5.12 -12.79 | 68.92 5.84 -18.18 | 101.65 6.74 -43.87 | 109.05 7.57 -43.21 | 118.21 8.16 -49.63 | 140.61 7.92 -73.55 | 144.55 7.63 -80.85 | 149.10 7.76 -84.26 | 147.57 8.00 -80.28 | 144.60 7.84 -79.52 | 135.14 8.28 -66.42 | 101.62 7.28 -41.17 | 111.81 7.29 -52.79 | 91.92 6.85 -35.77 | 66.94 6.57 -12.03 | 60.12 4.98 -12.17 |
| LONG_LAKE_PHOENIX 24014 | 40.32 -0.08 0.00 | 37.90 -0.27 0.00 | 36.39 -0.33 0.00 | 33.78 -0.31 0.00 | 33.93 -0.31 0.00 | 35.63 -0.25 0.00 | 36.77 -0.07 0.00 | 42.02 0.08 0.00 | 41.89 -0.04 0.00 | 44.90 0.00 0.00 | 51.20 0.15 0.00 | 58.50 0.23 0.00 | 60.72 0.00 -0.29 | 60.41 0.00 -1.27 | 57.75 -0.06 -1.73 | 59.15 0.00 -2.07 | 61.52 -0.12 -2.35 | 59.13 0.00 -1.89 | 60.80 -0.06 -0.42 | 53.43 0.05 -0.21 | 51.97 0.10 -0.14 | 49.45 0.05 -0.11 | 48.24 -0.15 -0.05 | 43.05 0.09 0.00 |
| LOVETT____3 23632 | 43.23 2.83 0.00 | 40.27 2.10 0.00 | 38.41 1.69 0.00 | 35.62 1.53 0.00 | 35.82 1.58 0.00 | 37.43 1.54 0.00 | 38.91 2.06 0.00 | 45.17 3.23 0.00 | 45.49 3.56 0.00 | 49.03 4.13 0.00 | 56.04 5.00 0.00 | 64.09 5.83 0.00 | 73.09 6.34 -6.33 | 92.74 6.27 -27.33 | 99.55 6.11 -37.37 | 108.05 6.22 -44.75 | 116.47 6.46 -50.72 | 104.40 6.30 -40.86 | 76.05 6.59 -9.02 | 63.38 5.69 -4.52 | 60.25 5.53 -2.99 | 56.93 5.18 -2.47 | 54.41 4.98 -1.10 | 46.75 3.78 0.00 |
| LOVETT____4 23642 | 43.55 3.15 0.00 | 40.58 2.40 0.00 | 38.70 1.98 0.00 | 35.86 1.77 0.00 | 36.06 1.81 0.00 | 37.68 1.79 0.00 | 39.20 2.36 0.00 | 45.59 3.65 0.00 | 45.87 3.94 0.00 | 49.48 4.58 0.00 | 56.55 5.51 0.00 | 64.73 6.47 0.00 | 73.76 7.01 -6.33 | 93.47 6.98 -27.35 | 100.24 6.78 -37.39 | 108.75 6.91 -44.77 | 117.21 7.17 -50.75 | 105.10 6.98 -40.89 | 76.72 7.25 -9.03 | 64.02 6.33 -4.53 | 60.82 6.10 -2.99 | 57.48 5.72 -2.47 | 54.89 5.46 -1.10 | 47.13 4.17 0.00 |
| LOVETT____5 23593 | 43.55 3.15 0.00 | 40.58 2.40 0.00 | 38.70 1.98 0.00 | 35.86 1.77 0.00 | 36.06 1.81 0.00 | 37.68 1.79 0.00 | 39.20 2.36 0.00 | 45.59 3.65 0.00 | 45.87 3.94 0.00 | 49.48 4.58 0.00 | 56.55 5.51 0.00 | 64.73 6.47 0.00 | 73.76 7.01 -6.33 | 93.47 6.98 -27.35 | 100.24 6.78 -37.39 | 108.75 6.91 -44.77 | 117.21 7.17 -50.75 | 105.10 6.98 -40.89 | 76.72 7.25 -9.03 | 64.02 6.33 -4.53 | 60.82 6.10 -2.99 | 57.48 5.72 -2.47 | 54.89 5.46 -1.10 | 47.13 4.17 0.00 |
| LOWER RAQUET____HYD 24057 | 39.91 -0.48 0.00 | 38.09 -0.08 0.00 | 36.87 0.15 0.00 | 34.09 0.00 0.00 | 34.17 -0.07 0.00 | 35.88 0.00 0.00 | 36.62 -0.22 0.00 | 41.35 -0.59 0.00 | 40.88 -1.05 0.00 | 43.51 -1.39 0.00 | 48.59 -2.45 0.00 | 55.06 -3.20 0.00 | 57.16 -3.26 0.00 | 56.06 -3.08 0.00 | 52.82 -3.25 0.00 | 53.59 -3.48 0.00 | 55.97 -3.32 0.00 | 53.80 -3.43 0.00 | 56.99 -3.44 0.00 | 49.98 -3.19 0.00 | 48.83 -2.90 0.00 | 47.61 -1.68 0.00 | 47.56 -0.77 0.00 | 41.59 -1.37 0.00 |
| LOWER____HUDSON 24059 | 42.54 2.14 0.00 | 39.93 1.76 0.00 | 38.26 1.54 0.00 | 35.55 1.47 0.00 | 35.78 1.54 0.00 | 37.43 1.54 0.00 | 38.28 1.44 0.00 | 43.66 1.72 0.00 | 43.90 1.97 0.00 | 47.15 2.25 0.00 | 53.39 2.35 0.00 | 60.71 2.45 0.00 | 62.35 2.60 0.67 | 58.90 2.66 2.90 | 54.73 2.64 3.97 | 55.00 2.68 4.75 | 56.69 2.79 5.39 | 55.64 2.75 4.34 | 62.44 2.96 0.96 | 55.30 2.61 0.48 | 54.15 2.74 0.32 | 51.59 2.56 0.26 | 50.68 2.46 0.12 | 45.33 2.36 0.00 |
| LWR____OSWEGATCHIE_HYD 23850 | 41.25 0.85 0.00 | 39.05 0.88 0.00 | 37.64 0.92 0.00 | 34.87 0.78 0.00 | 35.00 0.75 0.00 | 36.71 0.83 0.00 | 37.65 0.81 0.00 | 42.90 0.96 0.00 | 42.64 0.71 0.00 | 45.62 0.72 0.00 | 51.50 0.46 0.00 | 58.61 0.35 0.00 | 60.54 0.12 0.00 | 59.32 0.18 0.00 | 56.07 0.00 0.00 | 56.73 -0.34 0.00 | 59.35 0.06 0.00 | 56.72 -0.52 0.00 | 60.08 -0.36 0.00 | 52.80 -0.37 0.00 | 51.52 -0.21 0.00 | 49.83 0.54 0.00 | 49.30 0.97 0.00 | 43.35 0.39 0.00 |

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| LYONS_FALL_HYD 23570 | 42.09 1.70 0.00 | 39.62 1.45 0.00 | 38.04 1.32 0.00 | 35.32 1.23 0.00 | 35.48 1.23 0.00 | 37.17 1.29 0.00 | 38.32 1.47 0.00 | 43.99 2.05 0.00 | 43.94 2.01 0.00 | 47.19 2.29 0.00 | 53.80 2.76 0.00 | 61.41 3.15 0.00 | 63.32 2.90 0.00 | 62.04 2.90 0.00 | 58.82 2.75 0.00 | 59.59 2.51 0.00 | 62.31 3.02 0.00 | 59.58 2.35 0.00 | 62.98 2.54 0.00 | 55.46 2.29 0.00 | 54.00 2.28 0.00 | 51.61 2.32 0.00 | 50.56 2.22 0.00 | 44.73 1.76 0.00 |
| MADISON___COUNTY_LFGE 323628 | 41.73 1.33 0.00 | 39.24 1.07 0.00 | 37.64 0.92 0.00 | 34.94 0.85 0.00 | 35.13 0.89 0.00 | 36.82 0.93 0.00 | 38.06 1.22 0.00 | 43.66 1.72 0.00 | 43.65 1.72 0.00 | 46.88 1.98 0.00 | 53.54 2.50 0.00 | 61.18 2.91 0.00 | 63.20 2.78 0.00 | 61.86 2.72 0.00 | 58.65 2.58 0.00 | 59.65 2.57 0.00 | 62.08 2.79 0.00 | 59.70 2.46 0.00 | 63.04 2.60 0.00 | 55.51 2.34 0.00 | 54.00 2.28 0.00 | 51.36 2.07 0.00 | 50.17 1.84 0.00 | 44.51 1.55 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 40.24 -0.16 0.00 | 38.06 -0.11 0.00 | 36.65 -0.07 0.00 | 33.99 -0.10 0.00 | 34.14 -0.10 0.00 | 35.78 -0.11 0.00 | 36.69 -0.15 0.00 | 41.73 -0.21 0.00 | 41.68 -0.25 0.00 | 44.59 -0.31 0.00 | 50.63 -0.41 0.00 | 57.74 -0.52 0.00 | 59.94 -0.48 0.00 | 58.61 -0.53 0.00 | 55.56 -0.50 0.00 | 56.51 -0.57 0.00 | 58.81 -0.47 0.00 | 56.72 -0.52 0.00 | 59.77 -0.66 0.00 | 52.27 -0.90 0.00 | 50.59 -1.14 0.00 | 48.11 -1.18 0.00 | 47.13 -1.21 0.00 | 41.89 -1.07 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 40.24 -0.16 0.00 | 38.06 -0.11 0.00 | 36.65 -0.07 0.00 | 33.99 -0.10 0.00 | 34.14 -0.10 0.00 | 35.78 -0.11 0.00 | 36.69 -0.15 0.00 | 41.73 -0.21 0.00 | 41.68 -0.25 0.00 | 44.59 -0.31 0.00 | 50.63 -0.41 0.00 | 57.74 -0.52 0.00 | 59.94 -0.48 0.00 | 58.61 -0.53 0.00 | 55.56 -0.50 0.00 | 56.51 -0.57 0.00 | 58.81 -0.47 0.00 | 56.72 -0.52 0.00 | 59.77 -0.66 0.00 | 52.27 -0.90 0.00 | 50.59 -1.14 0.00 | 48.11 -1.18 0.00 | 47.13 -1.21 0.00 | 41.89 -1.07 0.00 |
| MG INDUSTRY___DRP 24185 | 41.69 1.29 0.00 | 39.12 0.95 0.00 | 37.49 0.77 0.00 | 34.80 0.72 0.00 | 35.03 0.79 0.00 | 36.60 0.72 0.00 | 37.43 0.59 0.00 | 42.90 0.96 0.00 | 43.06 1.13 0.00 | 46.25 1.35 0.00 | 52.57 1.53 0.00 | 60.01 1.75 0.00 | 61.36 1.93 1.00 | 56.73 1.89 4.30 | 52.03 1.85 5.89 | 51.91 1.88 7.05 | 53.26 1.96 7.99 | 52.75 1.95 6.44 | 61.07 2.05 1.42 | 54.27 1.81 0.71 | 53.11 1.86 0.47 | 50.58 1.68 0.39 | 49.80 1.64 0.17 | 44.34 1.37 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 41.25 0.85 0.00 | 39.05 0.88 0.00 | 37.64 0.92 0.00 | 34.87 0.78 0.00 | 35.00 0.75 0.00 | 36.71 0.83 0.00 | 37.65 0.81 0.00 | 42.90 0.96 0.00 | 42.64 0.71 0.00 | 45.62 0.72 0.00 | 51.50 0.46 0.00 | 58.61 0.35 0.00 | 60.54 0.12 0.00 | 59.32 0.18 0.00 | 56.07 0.00 0.00 | 56.73 -0.34 0.00 | 59.35 0.06 0.00 | 56.72 -0.52 0.00 | 60.08 -0.36 0.00 | 52.80 -0.37 0.00 | 51.52 -0.21 0.00 | 49.83 0.54 0.00 | 49.30 0.97 0.00 | 43.35 0.39 0.00 |
| MID___RAQUETTE_HYD 23851 | 39.91 -0.48 0.00 | 38.09 -0.08 0.00 | 36.87 0.15 0.00 | 34.09 0.00 0.00 | 34.17 -0.07 0.00 | 35.88 0.00 0.00 | 36.62 -0.22 0.00 | 41.35 -0.59 0.00 | 40.88 -1.05 0.00 | 43.51 -1.39 0.00 | 48.59 -2.45 0.00 | 55.06 -3.20 0.00 | 57.16 -3.26 0.00 | 56.06 -3.08 0.00 | 52.82 -3.25 0.00 | 53.59 -3.48 0.00 | 55.97 -3.32 0.00 | 53.80 -3.43 0.00 | 56.99 -3.44 0.00 | 49.98 -3.19 0.00 | 48.83 -2.90 0.00 | 47.61 -1.68 0.00 | 47.56 -0.77 0.00 | 41.59 -1.37 0.00 |
| MILLIKEN___1 23584 | 39.35 -1.05 0.00 | 37.37 -0.80 0.00 | 35.91 -0.81 0.00 | 33.68 -0.41 0.00 | 33.87 -0.38 0.00 | 35.24 -0.65 0.00 | 36.40 -0.44 0.00 | 41.31 -0.63 0.00 | 41.22 -0.71 0.00 | 44.32 -0.58 0.00 | 50.63 -0.41 0.00 | 57.91 -0.35 0.00 | 60.43 -0.66 -0.67 | 61.40 -0.65 -2.91 | 59.32 -0.73 -3.98 | 61.16 -0.68 -4.76 | 63.92 -0.77 -5.40 | 60.84 -0.74 -4.35 | 60.49 -0.91 -0.96 | 52.96 -0.69 -0.48 | 51.37 -0.67 -0.32 | 48.81 -0.74 -0.26 | 47.34 -1.11 -0.12 | 41.93 -1.03 0.00 |
| MILLIKEN___2 23585 | 39.35 -1.05 0.00 | 37.37 -0.80 0.00 | 35.91 -0.81 0.00 | 33.68 -0.41 0.00 | 33.87 -0.38 0.00 | 35.24 -0.65 0.00 | 36.40 -0.44 0.00 | 41.31 -0.63 0.00 | 41.22 -0.71 0.00 | 44.32 -0.58 0.00 | 50.63 -0.41 0.00 | 57.91 -0.35 0.00 | 60.43 -0.66 -0.67 | 61.40 -0.65 -2.91 | 59.32 -0.73 -3.98 | 61.16 -0.68 -4.76 | 63.92 -0.77 -5.40 | 60.84 -0.74 -4.35 | 60.49 -0.91 -0.96 | 52.96 -0.69 -0.48 | 51.37 -0.67 -0.32 | 48.81 -0.74 -0.26 | 47.34 -1.11 -0.12 | 41.93 -1.03 0.00 |
| MILLIKEN___DIESEL 23629 | 39.35 -1.05 0.00 | 37.37 -0.80 0.00 | 35.91 -0.81 0.00 | 33.68 -0.41 0.00 | 33.87 -0.38 0.00 | 35.24 -0.65 0.00 | 36.40 -0.44 0.00 | 41.31 -0.63 0.00 | 41.22 -0.71 0.00 | 44.32 -0.58 0.00 | 50.63 -0.41 0.00 | 57.91 -0.35 0.00 | 60.43 -0.66 -0.67 | 61.40 -0.65 -2.91 | 59.32 -0.73 -3.98 | 61.16 -0.68 -4.76 | 63.92 -0.77 -5.40 | 60.84 -0.74 -4.35 | 60.49 -0.91 -0.96 | 52.96 -0.69 -0.48 | 51.37 -0.67 -0.32 | 48.81 -0.74 -0.26 | 47.34 -1.11 -0.12 | 41.93 -1.03 0.00 |
| MILLSEAT___LFGE 323607 | 38.74 -1.66 0.00 | 36.19 -1.98 0.00 | 34.81 -1.91 0.00 | 32.52 -1.57 0.00 | 32.57 -1.68 0.00 | 34.27 -1.61 0.00 | 35.70 -1.14 0.00 | 41.27 -0.67 0.00 | 41.34 -0.59 0.00 | 44.09 -0.81 0.00 | 50.33 -0.71 0.00 | 57.39 -0.87 0.00 | 58.71 -2.24 -0.53 | 58.75 -2.66 -2.27 | 57.32 -1.85 -3.10 | 59.08 -1.71 -3.72 | 61.07 -2.43 -4.21 | 58.34 -2.29 -3.39 | 58.65 -2.54 -0.75 | 52.06 -1.49 -0.38 | 50.57 -1.40 -0.25 | 47.82 -1.68 -0.20 | 47.51 -0.92 -0.09 | 41.55 -1.42 0.00 |
| MODEL_CITY_ENERGY 24167 | 38.34 -2.06 0.00 | 35.84 -2.33 0.00 | 34.52 -2.20 0.00 | 32.28 -1.81 0.00 | 32.33 -1.92 0.00 | 33.95 -1.94 0.00 | 35.29 -1.55 0.00 | 40.64 -1.30 0.00 | 40.59 -1.34 0.00 | 43.24 -1.66 0.00 | 49.20 -1.84 0.00 | 55.99 -2.27 0.00 | 57.05 -3.93 -0.55 | 57.10 -4.44 -2.40 | 56.09 -3.25 -3.27 | 57.80 -3.20 -3.92 | 59.76 -3.97 -4.44 | 57.04 -3.78 -3.58 | 57.06 -4.17 -0.79 | 50.86 -2.71 -0.40 | 49.55 -2.43 -0.26 | 46.79 -2.71 -0.22 | 46.16 -2.27 -0.10 | 40.39 -2.58 0.00 |
| MODERN_LFGE___ 323580 | 38.34 -2.06 0.00 | 35.84 -2.33 0.00 | 34.52 -2.20 0.00 | 32.28 -1.81 0.00 | 32.33 -1.92 0.00 | 33.95 -1.94 0.00 | 35.29 -1.55 0.00 | 40.64 -1.30 0.00 | 40.59 -1.34 0.00 | 43.24 -1.66 0.00 | 49.20 -1.84 0.00 | 55.99 -2.27 0.00 | 57.05 -3.93 -0.55 | 57.10 -4.44 -2.40 | 56.09 -3.25 -3.27 | 57.80 -3.20 -3.92 | 59.76 -3.97 -4.44 | 57.04 -3.78 -3.58 | 57.06 -4.17 -0.79 | 50.86 -2.71 -0.40 | 49.55 -2.43 -0.26 | 46.79 -2.71 -0.22 | 46.16 -2.27 -0.10 | 40.39 -2.58 0.00 |
| MOHAWK_PAPER___DRP 24187 | 42.22 1.82 0.00 | 39.62 1.45 0.00 | 37.93 1.21 0.00 | 35.28 1.19 0.00 | 35.51 1.27 0.00 | 37.14 1.26 0.00 | 37.91 1.07 0.00 | 43.28 1.34 0.00 | 43.52 1.59 0.00 | 46.79 1.89 0.00 | 53.08 2.04 0.00 | 60.48 2.21 0.00 | 62.00 2.42 0.84 | 57.96 2.42 3.61 | 53.60 2.47 4.93 | 53.68 2.51 5.91 | 55.20 2.61 6.70 | 54.42 2.58 5.39 | 61.91 2.66 1.19 | 54.86 2.29 0.60 | 53.66 2.33 0.39 | 51.13 2.17 0.33 | 50.22 2.03 0.14 | 44.85 1.89 0.00 |
| MONGAUP___HYD 23641 | 44.15 3.76 0.00 | 41.22 3.05 0.00 | 39.36 2.64 0.00 | 36.48 2.39 0.00 | 36.67 2.43 0.00 | 38.39 2.51 0.00 | 39.83 2.98 0.00 | 46.68 4.74 0.00 | 46.96 5.03 0.00 | 50.65 5.75 0.00 | 57.88 6.84 0.00 | 66.48 8.22 0.00 | 75.15 8.88 -5.85 | 93.38 8.99 -25.25 | 99.34 8.75 -34.52 | 107.15 8.73 -41.34 | 115.16 9.01 -46.86 | 103.63 8.64 -37.75 | 77.78 9.01 -8.34 | 65.22 7.87 -4.18 | 62.04 7.55 -2.76 | 58.47 6.90 -2.28 | 55.82 6.48 -1.01 | 47.78 4.81 0.00 |
| MONTAUK___DIESEL 23721 | 53.98 7.80 -5.78 | 49.24 6.45 -4.62 | 42.59 5.88 0.00 | 40.73 5.45 -1.19 | 41.03 5.51 -1.27 | 43.44 5.67 -1.89 | 49.73 6.41 -6.47 | 59.04 9.73 -7.37 | 65.62 10.90 -12.79 | 76.20 13.11 -18.18 | 110.32 15.41 -43.87 | 119.48 18.00 -43.21 | 129.27 19.21 -49.63 | 151.73 19.04 -73.55 | 155.54 18.62 -80.85 | 160.40 19.06 -84.26 | 159.43 19.86 -80.28 | 155.82 19.06 -79.52 | 146.44 19.58 -66.42 | 111.14 16.80 -41.17 | 120.55 16.03 -52.79 | 99.65 14.59 -35.77 | 74.09 13.73 -12.03 | 65.57 10.44 -12.17 |

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| MUNSVILLE_WIND_PWR 323609 | 43.63 3.23 0.00 | 40.92 2.75 0.00 | 39.14 2.42 0.00 | 36.44 2.35 0.00 | 36.64 2.40 0.00 | 38.39 2.51 0.00 | 39.94 3.09 0.00 | 46.09 4.15 0.00 | 46.08 4.15 0.00 | 49.62 4.71 0.00 | 56.91 5.87 0.00 | 65.20 6.93 0.00 | 68.26 6.71 -1.13 | 70.54 6.51 -4.89 | 68.98 6.22 -6.69 | 71.25 6.16 -8.01 | 75.19 6.82 -9.08 | 70.79 6.24 -7.32 | 68.58 6.53 -1.62 | 59.83 5.85 -0.81 | 57.90 5.64 -0.54 | 54.76 5.03 -0.44 | 53.02 4.50 -0.20 | 46.62 3.65 0.00 |
| N SALMON___HYD 24042 | 40.07 -0.32 0.00 | 38.29 0.11 0.00 | 37.05 0.33 0.00 | 34.19 0.10 0.00 | 34.28 0.03 0.00 | 36.06 0.18 0.00 | 36.84 0.00 0.00 | 41.56 -0.38 0.00 | 41.55 -0.38 0.00 | 44.36 -0.54 0.00 | 50.07 -0.97 0.00 | 56.98 -1.28 0.00 | 59.27 -1.15 0.00 | 58.08 -1.06 0.00 | 54.67 -1.40 0.00 | 55.54 -1.54 0.00 | 57.93 -1.36 0.00 | 55.86 -1.37 0.00 | 59.17 -1.27 0.00 | 51.63 -1.54 0.00 | 50.22 -1.50 0.00 | 48.40 -0.89 0.00 | 47.85 -0.48 0.00 | 42.15 -0.82 0.00 |
| N.E._GEN_SANDY PD 24062 | 42.54 2.14 0.00 | 39.85 1.68 0.00 | 38.19 1.47 0.00 | 35.49 1.40 0.00 | 35.68 1.44 0.00 | 37.28 1.40 0.00 | 39.40 1.58 -0.97 | 43.15 2.18 0.97 | 44.28 2.35 0.00 | 47.55 2.65 0.00 | 51.93 2.91 2.02 | 55.40 3.26 6.13 | 60.41 3.56 3.58 | 67.87 3.49 -5.24 | 69.67 3.42 -10.18 | 71.09 3.48 -10.53 | 76.38 3.62 -13.47 | 68.38 3.55 -7.60 | 60.50 3.81 3.75 | 57.81 3.40 -1.23 | 56.38 3.36 -1.30 | 50.88 3.11 1.51 | 45.70 3.04 5.68 | 45.63 2.66 0.00 |
| NARROWS_GT1_1 24228 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT1_2 24229 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT1_3 24230 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT1_4 24231 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT1_5 24232 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT1_6 24233 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT1_7 24234 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT1_8 24235 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT2_1 24236 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT2_2 24237 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT2_3 24238 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT2_4 24239 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT2_5 24240 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |

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|-------------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| NARROWS_GT2_6 24241 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT2_7 24242 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NARROWS_GT2_8 24243 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NEG CAPITAL___MECHNVIL 23645 | 43.02 2.63 0.00 | 40.38 2.21 0.00 | 38.63 1.91 0.00 | 35.90 1.81 0.00 | 36.16 1.92 0.00 | 37.78 1.90 0.00 | 38.72 1.88 0.00 | 44.20 2.26 0.00 | 44.49 2.56 0.00 | 47.73 2.83 0.00 | 54.00 2.96 0.00 | 61.35 3.09 0.00 | 63.03 3.20 0.60 | 59.87 3.31 2.58 | 55.79 3.25 3.53 | 56.22 3.37 4.22 | 57.94 3.44 4.79 | 56.81 3.43 3.86 | 63.39 3.81 0.85 | 56.09 3.35 0.43 | 54.91 3.47 0.28 | 52.36 3.30 0.23 | 51.32 3.09 0.10 | 45.97 3.01 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 38.90 -1.49 0.00 | 36.41 -1.76 0.00 | 35.03 -1.69 0.00 | 32.66 -1.43 0.00 | 32.74 -1.51 0.00 | 34.41 -1.47 0.00 | 35.66 -1.18 0.00 | 40.93 -1.01 0.00 | 40.92 -1.01 0.00 | 43.78 -1.12 0.00 | 50.02 -1.02 0.00 | 57.10 -1.17 0.00 | 58.98 -1.87 -0.43 | 58.93 -2.07 -1.86 | 56.87 -1.74 -2.54 | 58.46 -1.66 -3.04 | 60.66 -2.08 -3.45 | 58.07 -1.95 -2.78 | 58.94 -2.12 -0.61 | 51.99 -1.49 -0.31 | 50.48 -1.45 -0.20 | 47.93 -1.53 -0.17 | 46.86 -1.55 -0.07 | 41.46 -1.50 0.00 |
| NEG CENTRAL___DRP 24199 | 40.40 0.00 0.00 | 37.90 -0.27 0.00 | 36.35 -0.37 0.00 | 33.82 -0.27 0.00 | 33.97 -0.27 0.00 | 35.70 -0.18 0.00 | 37.03 0.18 0.00 | 42.57 0.63 0.00 | 42.47 0.55 0.00 | 45.62 0.72 0.00 | 52.22 1.17 0.00 | 59.66 1.40 0.00 | 61.92 1.03 -0.47 | 62.13 0.95 -2.05 | 59.77 0.90 -2.80 | 61.46 1.03 -3.35 | 63.98 0.89 -3.80 | 61.21 0.92 -3.06 | 61.90 0.79 -0.68 | 54.41 0.90 -0.34 | 52.83 0.88 -0.22 | 50.12 0.64 -0.18 | 48.71 0.29 -0.08 | 43.05 0.09 0.00 |
| NEG CENTRAL___INDECK 23768 | 40.72 0.32 0.00 | 37.94 -0.23 0.00 | 36.39 -0.33 0.00 | 33.92 -0.17 0.00 | 34.04 -0.21 0.00 | 35.92 0.04 0.00 | 37.47 0.63 0.00 | 43.41 1.47 0.00 | 43.52 1.59 0.00 | 46.65 1.75 0.00 | 52.11 1.07 0.00 | 58.79 0.52 0.00 | 60.76 -0.30 -0.64 | 61.37 -0.53 -2.76 | 59.56 -0.28 -3.77 | 61.54 -0.06 -4.52 | 63.94 -0.47 -5.12 | 61.02 -0.34 -4.13 | 60.74 -0.60 -0.91 | 53.52 -0.11 -0.46 | 51.87 -0.16 -0.30 | 49.79 0.25 -0.25 | 49.65 1.21 -0.11 | 43.44 0.47 0.00 |
| NEG CENTRAL___SENECA 23627 | 40.64 0.24 0.00 | 38.06 -0.11 0.00 | 36.46 -0.26 0.00 | 33.95 -0.14 0.00 | 34.07 -0.17 0.00 | 35.88 0.00 0.00 | 37.28 0.44 0.00 | 43.03 1.09 0.00 | 43.02 1.09 0.00 | 46.20 1.30 0.00 | 52.98 1.94 0.00 | 60.59 2.33 0.00 | 62.82 1.87 -0.53 | 63.20 1.77 -2.29 | 60.94 1.74 -3.13 | 62.71 1.88 -3.75 | 65.26 1.72 -4.25 | 62.37 1.72 -3.42 | 62.77 1.57 -0.76 | 55.15 1.60 -0.38 | 53.47 1.50 -0.25 | 50.68 1.18 -0.21 | 49.15 0.72 -0.09 | 43.27 0.30 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 40.92 0.53 0.00 | 38.51 0.34 0.00 | 36.94 0.22 0.00 | 34.40 0.31 0.00 | 34.59 0.34 0.00 | 36.31 0.43 0.00 | 37.62 0.77 0.00 | 43.15 1.22 0.00 | 43.06 1.13 0.00 | 46.34 1.44 0.00 | 53.03 1.99 0.00 | 60.59 2.33 0.00 | 62.89 1.99 -0.47 | 63.13 1.95 -2.04 | 60.53 1.68 -2.78 | 62.23 1.83 -3.33 | 64.78 1.72 -3.78 | 62.00 1.72 -3.04 | 62.80 1.69 -0.67 | 55.16 1.65 -0.34 | 53.60 1.66 -0.22 | 50.90 1.43 -0.18 | 49.33 0.92 -0.08 | 43.69 0.73 0.00 |
| NEG MILLWOOD___DRP 24198 | 44.24 3.84 0.00 | 41.19 3.02 0.00 | 39.29 2.57 0.00 | 36.41 2.32 0.00 | 36.61 2.36 0.00 | 38.25 2.37 0.00 | 39.75 2.91 0.00 | 46.26 4.32 0.00 | 46.46 4.53 0.00 | 50.06 5.16 0.00 | 57.12 6.07 0.00 | 65.43 7.17 0.00 | 74.25 7.73 -6.10 | 93.10 7.63 -26.33 | 99.47 7.40 -36.00 | 107.72 7.53 -43.11 | 115.98 7.83 -48.86 | 104.21 7.61 -39.37 | 77.11 7.98 -8.69 | 64.49 6.97 -4.36 | 61.48 6.88 -2.88 | 58.02 6.36 -2.38 | 55.63 6.24 -1.06 | 47.95 4.98 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 40.20 -0.20 0.00 | 38.36 0.19 0.00 | 37.12 0.40 0.00 | 34.29 0.20 0.00 | 34.38 0.14 0.00 | 36.17 0.29 0.00 | 36.92 0.07 0.00 | 41.64 -0.29 0.00 | 41.68 -0.25 0.00 | 44.54 -0.36 0.00 | 50.38 -0.66 0.00 | 57.45 -0.82 0.00 | 59.76 -0.66 0.00 | 58.55 -0.59 0.00 | 55.17 -0.90 0.00 | 56.11 -0.97 0.00 | 58.46 -0.83 0.00 | 56.38 -0.86 0.00 | 59.71 -0.73 0.00 | 52.16 -1.01 0.00 | 50.69 -1.03 0.00 | 48.65 -0.64 0.00 | 47.90 -0.43 0.00 | 42.36 -0.60 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 39.47 -0.93 0.00 | 37.83 -0.34 0.00 | 36.61 -0.11 0.00 | 33.85 -0.24 0.00 | 33.93 -0.31 0.00 | 35.67 -0.22 0.00 | 36.40 -0.44 0.00 | 40.89 -1.05 0.00 | 40.92 -1.01 0.00 | 43.69 -1.21 0.00 | 49.36 -1.68 0.00 | 56.28 -1.98 0.00 | 58.55 -1.87 0.00 | 57.37 -1.77 0.00 | 54.11 -1.96 0.00 | 55.02 -2.05 0.00 | 57.33 -1.96 0.00 | 55.29 -1.95 0.00 | 58.56 -1.87 0.00 | 51.15 -2.02 0.00 | 49.76 -1.97 0.00 | 47.76 -1.53 0.00 | 47.03 -1.30 0.00 | 41.63 -1.33 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 40.16 -0.24 0.00 | 38.32 0.15 0.00 | 37.09 0.37 0.00 | 34.26 0.17 0.00 | 34.31 0.07 0.00 | 36.10 0.22 0.00 | 36.88 0.04 0.00 | 41.60 -0.34 0.00 | 41.64 -0.29 0.00 | 44.50 -0.40 0.00 | 50.38 -0.66 0.00 | 57.39 -0.87 0.00 | 59.70 -0.73 0.00 | 58.49 -0.65 0.00 | 55.12 -0.95 0.00 | 55.99 -1.08 0.00 | 58.34 -0.95 0.00 | 56.32 -0.92 0.00 | 59.65 -0.79 0.00 | 52.05 -1.12 0.00 | 50.59 -1.14 0.00 | 48.55 -0.74 0.00 | 47.85 -0.48 0.00 | 42.36 -0.60 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 40.16 -0.24 0.00 | 38.32 0.15 0.00 | 37.09 0.37 0.00 | 34.26 0.17 0.00 | 34.31 0.07 0.00 | 36.10 0.22 0.00 | 36.88 0.04 0.00 | 41.60 -0.34 0.00 | 41.64 -0.29 0.00 | 44.50 -0.40 0.00 | 50.38 -0.66 0.00 | 57.39 -0.87 0.00 | 59.70 -0.73 0.00 | 58.49 -0.65 0.00 | 55.12 -0.95 0.00 | 55.99 -1.08 0.00 | 58.34 -0.95 0.00 | 56.32 -0.92 0.00 | 59.65 -0.79 0.00 | 52.05 -1.12 0.00 | 50.59 -1.14 0.00 | 48.55 -0.74 0.00 | 47.85 -0.48 0.00 | 42.36 -0.60 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 40.16 -0.24 0.00 | 38.32 0.15 0.00 | 37.09 0.37 0.00 | 34.26 0.17 0.00 | 34.31 0.07 0.00 | 36.10 0.22 0.00 | 36.88 0.04 0.00 | 41.60 -0.34 0.00 | 41.64 -0.29 0.00 | 44.50 -0.40 0.00 | 50.38 -0.66 0.00 | 57.39 -0.87 0.00 | 59.70 -0.73 0.00 | 58.49 -0.65 0.00 | 55.12 -0.95 0.00 | 55.99 -1.08 0.00 | 58.34 -0.95 0.00 | 56.32 -0.92 0.00 | 59.65 -0.79 0.00 | 52.05 -1.12 0.00 | 50.59 -1.14 0.00 | 48.55 -0.74 0.00 | 47.85 -0.48 0.00 | 42.36 -0.60 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 38.42 -1.98 0.00 | 35.92 -2.25 0.00 | 34.59 -2.13 0.00 | 32.35 -1.74 0.00 | 32.36 -1.88 0.00 | 34.02 -1.87 0.00 | 35.37 -1.47 0.00 | 40.76 -1.17 0.00 | 40.71 -1.22 0.00 | 43.42 -1.48 0.00 | 49.41 -1.63 0.00 | 56.22 -2.04 0.00 | 57.35 -3.63 -0.55 | 57.43 -4.08 -2.37 | 56.34 -2.97 -3.24 | 58.05 -2.91 -3.88 | 60.08 -3.62 -4.40 | 57.29 -3.49 -3.55 | 57.29 -3.93 -0.78 | 51.12 -2.45 -0.39 | 49.76 -2.22 -0.26 | 46.99 -2.51 -0.21 | 46.30 -2.13 -0.10 | 40.52 -2.45 0.00 |

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| NEG WEST___LANCASTR 23811 | 38.26 -2.14 0.00 | 35.69 -2.48 0.00 | 34.26 -2.46 0.00 | 31.98 -2.11 0.00 | 32.05 -2.19 0.00 | 33.66 -2.22 0.00 | 35.18 -1.66 0.00 | 40.76 -1.17 0.00 | 40.75 -1.17 0.00 | 43.82 -1.08 0.00 | 50.23 -0.82 0.00 | 57.56 -0.70 0.00 | 59.45 -1.63 -0.66 | 60.16 -1.83 -2.85 | 59.02 -0.95 -3.90 | 60.95 -0.80 -4.67 | 63.34 -1.25 -5.30 | 60.36 -1.14 -4.27 | 59.63 -1.75 -0.94 | 52.58 -1.06 -0.47 | 50.85 -1.19 -0.31 | 47.77 -1.77 -0.26 | 46.47 -1.98 -0.11 | 40.26 -2.71 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 41.08 0.69 0.00 | 38.48 0.31 0.00 | 36.83 0.11 0.00 | 34.23 0.14 0.00 | 34.38 0.14 0.00 | 36.10 0.22 0.00 | 37.47 0.63 0.00 | 43.20 1.26 0.00 | 43.19 1.26 0.00 | 46.47 1.57 0.00 | 53.24 2.19 0.00 | 61.00 2.74 0.00 | 64.31 2.66 -1.23 | 67.05 2.60 -5.31 | 65.91 2.58 -7.26 | 68.45 2.68 -8.69 | 71.87 2.73 -9.85 | 67.81 2.63 -7.94 | 64.79 2.60 -1.75 | 56.34 2.29 -0.88 | 54.42 2.12 -0.58 | 51.49 1.73 -0.48 | 49.85 1.30 -0.21 | 43.74 0.77 0.00 |
| NEG___GEN_MONROE 24207 | 39.71 -0.69 0.00 | 37.06 -1.11 0.00 | 35.62 -1.10 0.00 | 33.24 -0.85 0.00 | 33.32 -0.92 0.00 | 35.06 -0.83 0.00 | 36.47 -0.37 0.00 | 42.11 0.17 0.00 | 42.18 0.25 0.00 | 45.08 0.18 0.00 | 51.60 0.56 0.00 | 58.96 0.70 0.00 | 60.64 -0.24 -0.46 | 60.61 -0.53 -2.00 | 58.69 -0.11 -2.74 | 60.35 0.00 -3.28 | 62.47 -0.53 -3.71 | 59.83 -0.40 -2.99 | 60.55 -0.54 -0.66 | 53.56 0.05 -0.33 | 51.99 0.05 -0.22 | 49.27 -0.20 -0.18 | 48.46 0.05 -0.08 | 42.58 -0.39 0.00 |
| NEPA___ENERGY 23901 | 38.05 -2.34 0.00 | 35.50 -2.67 0.00 | 34.00 -2.72 0.00 | 31.70 -2.39 0.00 | 31.78 -2.47 0.00 | 33.37 -2.51 0.00 | 35.00 -1.84 0.00 | 40.39 -1.55 0.00 | 40.25 -1.68 0.00 | 43.46 -1.44 0.00 | 50.17 -0.87 0.00 | 57.74 -0.52 0.00 | 60.14 -1.03 -0.74 | 61.41 -0.95 -3.22 | 60.24 -0.22 -4.40 | 62.23 -0.11 -5.27 | 64.90 -0.36 -5.97 | 61.76 -0.29 -4.81 | 60.65 -0.85 -1.06 | 52.96 -0.74 -0.53 | 51.04 -1.03 -0.35 | 47.71 -1.87 -0.29 | 46.14 -2.32 -0.13 | 39.87 -3.09 0.00 |
| NEVERSINK___HYD 23608 | 42.13 1.74 0.00 | 39.35 1.18 0.00 | 37.67 0.95 0.00 | 34.94 0.85 0.00 | 35.10 0.86 0.00 | 36.67 0.79 0.00 | 38.21 1.36 0.00 | 44.29 2.35 0.00 | 44.44 2.52 0.00 | 49.12 4.22 0.00 | 56.20 5.16 0.00 | 64.44 6.18 0.00 | 71.97 6.59 -4.97 | 87.10 6.51 -21.46 | 91.74 6.34 -29.33 | 98.54 6.34 -35.12 | 104.32 5.22 -39.81 | 94.41 5.09 -32.08 | 73.02 5.50 -7.08 | 61.56 4.84 -3.55 | 58.67 4.60 -2.35 | 55.42 4.19 -1.94 | 53.16 3.96 -0.86 | 45.97 3.01 0.00 |
| NEWTON___FALLS_HYD 23847 | 41.25 0.85 0.00 | 39.05 0.88 0.00 | 37.64 0.92 0.00 | 34.87 0.78 0.00 | 35.00 0.75 0.00 | 36.71 0.83 0.00 | 37.65 0.81 0.00 | 42.90 0.96 0.00 | 42.64 0.71 0.00 | 45.62 0.72 0.00 | 51.50 0.46 0.00 | 58.61 0.35 0.00 | 60.54 0.12 0.00 | 59.32 0.18 0.00 | 56.07 0.00 0.00 | 56.73 -0.34 0.00 | 59.35 0.06 0.00 | 56.72 -0.52 0.00 | 60.08 -0.36 0.00 | 52.80 -0.37 0.00 | 51.52 -0.21 0.00 | 49.83 0.54 0.00 | 49.30 0.97 0.00 | 43.35 0.39 0.00 |
| NIAGARA___ 23760 | 38.01 -2.38 0.00 | 35.57 -2.60 0.00 | 34.30 -2.42 0.00 | 32.08 -2.01 0.00 | 32.12 -2.12 0.00 | 33.69 -2.19 0.00 | 35.00 -1.84 0.00 | 40.13 -1.80 0.00 | 40.04 -1.89 0.00 | 42.61 -2.29 0.00 | 48.39 -2.65 0.00 | 55.00 -3.26 0.00 | 56.01 -4.95 -0.55 | 56.06 -5.44 -2.36 | 55.09 -4.21 -3.23 | 56.72 -4.22 -3.87 | 58.63 -5.04 -4.38 | 56.02 -4.75 -3.53 | 55.96 -5.26 -0.78 | 50.00 -3.56 -0.39 | 48.72 -3.26 -0.26 | 46.10 -3.40 -0.21 | 45.53 -2.90 -0.09 | 40.00 -2.96 0.00 |
| NINE_MILE_1 23575 | 39.55 -0.85 0.00 | 37.22 -0.95 0.00 | 35.76 -0.95 0.00 | 33.24 -0.85 0.00 | 33.39 -0.86 0.00 | 34.99 -0.90 0.00 | 36.07 -0.77 0.00 | 41.06 -0.88 0.00 | 40.88 -1.05 0.00 | 43.82 -1.08 0.00 | 49.87 -1.17 0.00 | 56.92 -1.34 0.00 | 59.08 -1.57 -0.23 | 58.60 -1.54 -1.00 | 55.98 -1.46 -1.37 | 57.29 -1.43 -1.64 | 59.55 -1.60 -1.86 | 57.25 -1.49 -1.50 | 59.14 -1.63 -0.33 | 52.01 -1.33 -0.17 | 50.54 -1.29 -0.11 | 48.10 -1.28 -0.09 | 47.07 -1.30 -0.04 | 42.11 -0.86 0.00 |
| NINE_MILE_2 23744 | 39.55 -0.85 0.00 | 37.22 -0.95 0.00 | 35.76 -0.95 0.00 | 33.24 -0.85 0.00 | 33.39 -0.86 0.00 | 34.99 -0.90 0.00 | 36.07 -0.77 0.00 | 41.06 -0.88 0.00 | 40.88 -1.05 0.00 | 43.82 -1.08 0.00 | 49.87 -1.17 0.00 | 56.92 -1.34 0.00 | 59.08 -1.57 -0.23 | 58.60 -1.54 -0.99 | 55.97 -1.46 -1.36 | 57.28 -1.43 -1.63 | 59.53 -1.60 -1.85 | 57.24 -1.49 -1.49 | 59.13 -1.63 -0.33 | 52.01 -1.33 -0.16 | 50.54 -1.29 -0.11 | 48.10 -1.28 -0.09 | 47.12 -1.26 -0.04 | 42.11 -0.86 0.00 |
| NM_CAPITAL___DRP 24208 | 41.97 1.58 0.00 | 39.39 1.22 0.00 | 37.75 1.03 0.00 | 35.11 1.02 0.00 | 35.30 1.06 0.00 | 36.92 1.04 0.00 | 37.62 0.77 0.00 | 42.94 1.01 0.00 | 43.14 1.22 0.00 | 46.38 1.48 0.00 | 52.62 1.58 0.00 | 59.95 1.69 0.00 | 61.43 1.87 0.87 | 57.29 1.89 3.75 | 52.86 1.91 5.12 | 52.94 2.00 6.13 | 54.35 2.02 6.95 | 53.64 2.00 5.60 | 61.26 2.05 1.24 | 54.36 1.81 0.62 | 53.17 1.86 0.41 | 50.63 1.68 0.34 | 49.83 1.64 0.15 | 44.47 1.50 0.00 |
| NM_CENTRAL___DRP 24181 | 40.48 0.08 0.00 | 38.02 -0.15 0.00 | 36.50 -0.22 0.00 | 33.92 -0.17 0.00 | 34.04 -0.21 0.00 | 35.78 -0.11 0.00 | 36.95 0.11 0.00 | 42.32 0.38 0.00 | 42.18 0.25 0.00 | 45.26 0.36 0.00 | 51.65 0.61 0.00 | 59.08 0.82 0.00 | 61.34 0.60 -0.31 | 61.03 0.53 -1.36 | 58.43 0.50 -1.85 | 59.81 0.51 -2.22 | 62.28 0.47 -2.52 | 59.72 0.46 -2.03 | 61.19 0.30 -0.45 | 53.77 0.37 -0.22 | 52.23 0.36 -0.15 | 49.71 0.30 -0.12 | 48.44 0.05 -0.05 | 43.14 0.17 0.00 |
| NM_FRONTIER___DRP 24179 | 38.22 -2.18 0.00 | 35.77 -2.40 0.00 | 34.48 -2.24 0.00 | 32.25 -1.84 0.00 | 32.29 -1.95 0.00 | 33.91 -1.97 0.00 | 35.18 -1.66 0.00 | 40.47 -1.47 0.00 | 40.34 -1.59 0.00 | 42.93 -1.98 0.00 | 48.80 -2.25 0.00 | 55.47 -2.80 0.00 | 56.45 -4.53 -0.56 | 56.46 -5.09 -2.40 | 55.49 -3.87 -3.29 | 57.19 -3.82 -3.93 | 59.12 -4.62 -4.46 | 56.42 -4.41 -3.59 | 56.40 -4.84 -0.79 | 50.38 -3.19 -0.40 | 49.14 -2.84 -0.26 | 46.45 -3.06 -0.22 | 45.82 -2.61 -0.10 | 40.21 -2.75 0.00 |
| NM_ST_REGIS___HYD 24053 | 39.95 -0.44 0.00 | 38.17 0.00 0.00 | 36.90 0.18 0.00 | 34.12 0.03 0.00 | 34.21 -0.03 0.00 | 35.95 0.07 0.00 | 36.69 -0.15 0.00 | 41.39 -0.55 0.00 | 41.05 -0.88 0.00 | 43.69 -1.21 0.00 | 48.95 -2.09 0.00 | 55.52 -2.74 0.00 | 57.70 -2.72 0.00 | 56.54 -2.60 0.00 | 53.27 -2.80 0.00 | 54.05 -3.03 0.00 | 56.44 -2.85 0.00 | 54.32 -2.92 0.00 | 57.54 -2.90 0.00 | 50.35 -2.82 0.00 | 49.14 -2.59 0.00 | 47.81 -1.48 0.00 | 47.61 -0.72 0.00 | 41.72 -1.25 0.00 |
| NORTHPORT___1 23551 | 50.34 4.16 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.29 2.77 -1.27 | 40.60 2.83 -1.89 | 46.67 3.35 -6.47 | 53.96 4.66 -7.37 | 59.83 5.12 -12.79 | 68.97 5.88 -18.18 | 101.65 6.74 -43.87 | 109.11 7.63 -43.21 | 118.33 8.28 -49.63 | 140.49 7.81 -73.55 | 144.33 7.40 -80.85 | 148.81 7.48 -84.26 | 147.27 7.71 -80.28 | 144.37 7.61 -79.52 | 135.08 8.22 -66.42 | 101.57 7.23 -41.17 | 111.76 7.24 -52.79 | 91.82 6.75 -35.77 | 66.89 6.53 -12.03 | 59.99 4.85 -12.17 |
| NORTHPORT___2 23552 | 50.34 4.16 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.29 2.77 -1.27 | 40.60 2.83 -1.89 | 46.67 3.35 -6.47 | 53.96 4.66 -7.37 | 59.83 5.12 -12.79 | 68.97 5.88 -18.18 | 101.65 6.74 -43.87 | 109.11 7.63 -43.21 | 118.33 8.28 -49.63 | 140.49 7.81 -73.55 | 144.33 7.40 -80.85 | 148.81 7.48 -84.26 | 147.27 7.71 -80.28 | 144.37 7.61 -79.52 | 135.08 8.22 -66.42 | 101.57 7.23 -41.17 | 111.76 7.24 -52.79 | 91.82 6.75 -35.77 | 66.89 6.53 -12.03 | 59.99 4.85 -12.17 |
| NORTHPORT___3 23553 | 49.56 3.39 -5.77 | 45.58 2.79 -4.62 | 39.18 2.46 0.00 | 37.49 2.22 -1.19 | 37.77 2.26 -1.27 | 40.07 2.30 -1.89 | 46.04 2.73 -6.47 | 53.37 4.07 -7.36 | 59.24 4.53 -12.78 | 68.38 5.30 -18.18 | 101.02 6.13 -43.86 | 108.40 6.93 -43.20 | 117.54 7.49 -49.62 | 140.01 7.33 -73.54 | 143.98 7.06 -80.85 | 148.52 7.19 -84.25 | 147.03 7.47 -80.27 | 144.02 7.27 -79.52 | 134.47 7.62 -66.41 | 101.03 6.70 -41.16 | 111.18 6.67 -52.79 | 91.32 6.26 -35.77 | 66.30 5.95 -12.02 | 59.51 4.38 -12.16 |

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|-------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| NORTHPORT___4 23650 | 49.56 3.39 -5.77 | 45.58 2.79 -4.62 | 39.18 2.46 0.00 | 37.49 2.22 -1.19 | 37.77 2.26 -1.27 | 40.07 2.30 -1.89 | 46.04 2.73 -6.47 | 53.37 4.07 -7.36 | 59.24 4.53 -12.78 | 68.38 5.30 -18.18 | 101.02 6.13 -43.86 | 108.40 6.93 -43.20 | 117.54 7.49 -49.62 | 140.01 7.33 -73.54 | 143.98 7.06 -80.85 | 148.52 7.19 -84.25 | 147.03 7.47 -80.27 | 144.02 7.27 -79.52 | 134.47 7.62 -66.41 | 101.03 6.70 -41.16 | 111.18 6.67 -52.79 | 91.32 6.26 -35.77 | 66.30 5.95 -12.02 | 59.51 4.38 -12.16 |
| NORTHPORT___IC 23718 | 50.34 4.16 -5.78 | 46.19 3.40 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.29 2.77 -1.27 | 40.60 2.83 -1.89 | 46.67 3.35 -6.47 | 53.96 4.66 -7.37 | 59.83 5.12 -12.79 | 68.97 5.88 -18.18 | 101.65 6.74 -43.87 | 109.11 7.63 -43.21 | 118.33 8.28 -49.63 | 140.49 7.81 -73.55 | 144.33 7.40 -80.85 | 148.81 7.48 -84.26 | 147.27 7.71 -80.28 | 144.37 7.61 -79.52 | 135.08 8.22 -66.42 | 101.57 7.23 -41.17 | 111.76 7.24 -52.79 | 91.82 6.75 -35.77 | 66.89 6.53 -12.03 | 59.99 4.85 -12.17 |
| NPX_GEN_1385_PROXY 323591 | 49.17 2.99 -5.78 | 45.08 2.29 -4.62 | 38.67 1.95 0.00 | 37.05 1.77 -1.19 | 37.33 1.81 -1.27 | 39.60 1.83 -1.89 | 46.57 2.28 -7.45 | 51.77 3.44 -6.40 | 58.62 3.90 -12.79 | 67.62 4.53 -18.18 | 100.11 5.21 -43.87 | 107.36 5.88 -43.21 | 116.52 6.47 -49.63 | 138.72 6.03 -73.55 | 142.59 5.66 -80.85 | 147.04 5.71 -84.26 | 145.43 5.87 -80.28 | 142.65 5.90 -79.52 | 133.27 6.41 -66.42 | 99.98 5.64 -41.17 | 110.69 5.69 -53.27 | 91.21 5.27 -36.65 | 64.13 5.12 -10.67 | 58.78 3.65 -12.17 |
| NPX_GEN_CSC 323557 | 50.18 4.00 -5.78 | 45.92 3.13 -4.62 | 39.47 2.75 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.39 2.62 -1.89 | 47.46 3.17 -7.45 | 53.41 5.07 -6.40 | 60.38 5.66 -12.79 | 69.69 6.60 -18.18 | 102.41 7.50 -43.87 | 110.10 8.62 -43.21 | 119.42 9.37 -49.63 | 141.73 9.05 -73.55 | 145.61 8.69 -80.85 | 150.12 8.79 -84.26 | 148.75 9.19 -80.28 | 145.69 8.93 -79.52 | 136.35 9.49 -66.42 | 102.58 8.24 -41.17 | 113.07 8.07 -53.27 | 93.38 7.44 -36.65 | 66.21 7.20 -10.67 | 60.20 5.07 -12.17 |
| NSINS_S_GLNS_FALLS 23858 | 42.98 2.59 0.00 | 40.35 2.18 0.00 | 38.59 1.87 0.00 | 35.76 1.67 0.00 | 36.02 1.78 0.00 | 37.75 1.87 0.00 | 38.79 1.95 0.00 | 44.24 2.31 0.00 | 44.57 2.64 0.00 | 47.73 2.83 0.00 | 53.44 2.40 0.00 | 60.30 2.04 0.00 | 62.10 1.99 0.32 | 59.83 2.07 1.38 | 56.20 2.02 1.89 | 56.75 1.94 2.26 | 58.68 1.96 2.57 | 57.23 2.06 2.07 | 63.12 3.14 0.46 | 55.76 2.82 0.23 | 54.83 3.26 0.15 | 52.47 3.30 0.12 | 51.27 3.00 0.06 | 46.10 3.14 0.00 |
| NUCOR_STEEL___DRP 24197 | 40.48 0.08 0.00 | 38.13 -0.04 0.00 | 36.57 -0.15 0.00 | 34.09 0.00 0.00 | 34.28 0.03 0.00 | 35.95 0.07 0.00 | 37.17 0.33 0.00 | 42.61 0.67 0.00 | 42.47 0.55 0.00 | 45.66 0.76 0.00 | 52.27 1.23 0.00 | 59.66 1.40 0.00 | 61.92 1.03 -0.47 | 62.17 1.01 -2.03 | 59.68 0.84 -2.77 | 61.31 0.91 -3.32 | 63.88 0.83 -3.77 | 61.07 0.80 -3.03 | 61.89 0.79 -0.67 | 54.41 0.90 -0.34 | 52.88 0.93 -0.22 | 50.16 0.69 -0.18 | 48.75 0.34 -0.08 | 43.18 0.21 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 40.40 0.00 0.00 | 38.17 0.00 0.00 | 36.72 0.00 0.00 | 34.09 0.00 0.00 | 34.24 0.00 0.00 | 35.88 0.00 0.00 | 36.84 0.00 0.00 | 41.94 0.00 0.00 | 41.93 0.00 0.00 | 44.90 0.00 0.00 | 51.04 0.00 0.00 | 58.26 0.00 0.00 | 60.42 0.00 0.00 | 59.14 0.00 0.00 | 56.07 0.00 0.00 | 57.08 0.00 0.00 | 59.29 0.00 0.00 | 57.24 0.00 0.00 | 60.44 0.00 0.00 | 53.17 0.00 0.00 | 51.72 0.00 0.00 | 49.29 0.00 0.00 | 48.33 0.00 0.00 | 42.96 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 50.83 4.65 -5.78 | 46.57 3.78 -4.62 | 40.06 3.34 0.00 | 38.31 3.03 -1.19 | 38.63 3.12 -1.27 | 40.93 3.16 -1.89 | 47.04 3.72 -6.47 | 54.80 5.49 -7.37 | 60.46 5.74 -12.79 | 69.78 6.69 -18.18 | 102.56 7.66 -43.87 | 110.27 8.80 -43.21 | 119.54 9.49 -49.63 | 141.79 9.11 -73.55 | 145.61 8.69 -80.85 | 150.18 8.85 -84.26 | 148.46 8.89 -80.28 | 145.46 8.70 -79.52 | 136.05 9.19 -66.42 | 102.37 8.03 -41.17 | 112.48 7.97 -52.79 | 92.46 7.39 -35.77 | 67.61 7.25 -12.03 | 60.46 5.33 -12.17 |
| NYPA_GOWANUS___GT5 24156 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.35 6.64 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.71 7.65 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.05 7.18 -43.70 | 103.92 6.98 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NYPA_GOWANUS___GT6 24157 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.35 6.64 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.71 7.65 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.05 7.18 -43.70 | 103.92 6.98 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |
| NYPA_HARLEM_RVR_GT1 24160 | 44.12 3.72 -0.01 | 41.12 2.94 -0.01 | 39.19 2.46 -0.01 | 36.35 2.25 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.60 2.76 0.01 | 46.12 4.19 0.01 | 46.60 4.65 -0.02 | 50.25 5.34 -0.01 | 57.07 6.02 0.00 | 64.90 6.64 0.01 | 74.19 7.19 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 77.07 7.25 -9.38 | 64.25 6.38 -4.70 | 61.03 6.21 -3.10 | 58.01 6.16 -2.56 | 55.62 6.14 -1.15 | 47.78 4.81 -0.01 |
| NYPA_HARLEM_RVR_GT2 24161 | 44.12 3.72 -0.01 | 41.12 2.94 -0.01 | 39.19 2.46 -0.01 | 36.35 2.25 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.60 2.76 0.01 | 46.12 4.19 0.01 | 46.60 4.65 -0.02 | 50.25 5.34 -0.01 | 57.07 6.02 0.00 | 64.90 6.64 0.01 | 74.19 7.19 -6.57 | 94.55 6.98 -28.43 | 101.72 6.78 -38.87 | 110.53 6.91 -46.54 | 119.16 7.11 -52.76 | 106.72 6.98 -42.50 | 77.07 7.25 -9.38 | 64.25 6.38 -4.70 | 61.03 6.21 -3.10 | 58.01 6.16 -2.56 | 55.62 6.14 -1.15 | 47.78 4.81 -0.01 |
| NYPA_KENT___GT 24152 | 57.17 4.08 -12.70 | 41.39 3.21 -0.01 | 39.45 2.72 -0.01 | 36.55 2.45 -0.01 | 36.75 2.50 -0.01 | 38.39 2.51 0.00 | 39.90 3.06 0.00 | 52.64 4.57 -6.13 | 62.67 4.95 -15.80 | 68.42 5.66 -17.86 | 70.90 6.53 -13.33 | 88.49 7.34 -22.89 | 89.73 7.92 -21.39 | 92.06 7.63 -25.29 | 102.23 7.29 -38.87 | 111.05 7.42 -46.55 | 119.65 7.59 -52.77 | 107.25 7.50 -42.51 | 115.97 7.92 -47.61 | 88.49 7.07 -28.25 | 87.13 6.88 -28.53 | 63.74 6.65 -7.80 | 63.74 6.43 -8.98 | 63.74 5.11 -15.66 |
| NYPA_POUCH1___GT 24155 | 68.33 4.12 -23.82 | 41.38 3.21 -0.01 | 39.41 2.68 -0.01 | 36.52 2.42 -0.01 | 36.72 2.47 -0.01 | 38.32 2.44 0.00 | 39.79 2.95 0.00 | 53.69 4.49 -7.27 | 67.65 4.95 -20.77 | 81.51 5.66 -30.95 | 86.84 6.48 -29.32 | 121.11 7.34 -55.51 | 110.84 7.92 -42.50 | 102.80 7.63 -36.04 | 102.29 7.35 -38.88 | 111.11 7.48 -46.56 | 119.59 7.53 -52.77 | 107.31 7.56 -42.52 | 170.51 7.98 -102.10 | 122.05 7.12 -61.75 | 121.81 6.88 -63.21 | 119.43 6.65 -63.48 | 115.11 6.43 -60.34 | 86.84 5.11 -38.76 |
| NYPA_VERNON___GT2 24162 | 48.73 3.96 -4.37 | 41.31 3.13 -0.01 | 39.41 2.68 -0.01 | 36.52 2.42 -0.01 | 36.72 2.47 -0.01 | 38.32 2.44 0.00 | 39.86 3.02 0.00 | 53.10 4.49 -6.68 | 60.28 4.82 -13.53 | 62.30 5.52 -11.88 | 63.40 6.38 -5.98 | 73.35 7.22 -7.86 | 79.89 7.79 -11.67 | 93.95 7.45 -27.36 | 102.12 7.18 -38.87 | 110.94 7.31 -46.55 | 119.59 7.53 -52.77 | 107.13 7.38 -42.51 | 90.76 7.80 -22.52 | 72.88 6.91 -12.79 | 70.29 6.72 -11.85 | 60.16 6.51 -4.36 | 60.51 6.33 -5.84 | 60.93 5.03 -12.93 |
| NYPA_VERNON___GT3 24163 | 48.73 3.96 -4.37 | 41.31 3.13 -0.01 | 39.41 2.68 -0.01 | 36.52 2.42 -0.01 | 36.72 2.47 -0.01 | 38.32 2.44 0.00 | 39.86 3.02 0.00 | 53.10 4.49 -6.68 | 60.28 4.82 -13.53 | 62.30 5.52 -11.88 | 63.40 6.38 -5.98 | 73.35 7.22 -7.86 | 79.89 7.79 -11.67 | 93.95 7.45 -27.36 | 102.12 7.18 -38.87 | 110.94 7.31 -46.55 | 119.59 7.53 -52.77 | 107.13 7.38 -42.51 | 90.76 7.80 -22.52 | 72.88 6.91 -12.79 | 70.29 6.72 -11.85 | 60.16 6.51 -4.36 | 60.51 6.33 -5.84 | 60.93 5.03 -12.93 |

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| NYPA___ASTORIA_CC1 323568 | 44.32 3.92 -0.01 | 41.27 3.09 -0.01 | 39.37 2.64 -0.01 | 36.48 2.39 -0.01 | 36.68 2.43 -0.01 | 38.32 2.44 0.00 | 39.83 2.98 0.00 | 51.92 4.40 -5.58 | 57.54 4.74 -10.87 | 57.85 5.39 -7.56 | 59.40 6.23 -2.13 | 65.25 6.99 0.01 | 74.61 7.61 -6.57 | 94.84 7.27 -28.43 | 101.94 7.01 -38.87 | 110.76 7.13 -46.54 | 119.34 7.29 -52.76 | 106.95 7.21 -42.50 | 77.37 7.55 -9.38 | 64.57 6.70 -4.70 | 61.40 6.57 -3.10 | 58.26 6.41 -2.57 | 58.16 6.24 -3.59 | 57.12 4.94 -9.21 |
| NYPA___ASTORIA_CC2 323569 | 44.32 3.92 -0.01 | 41.27 3.09 -0.01 | 39.37 2.64 -0.01 | 36.48 2.39 -0.01 | 36.68 2.43 -0.01 | 38.32 2.44 0.00 | 39.83 2.98 0.00 | 51.92 4.40 -5.58 | 57.54 4.74 -10.87 | 57.85 5.39 -7.56 | 59.40 6.23 -2.13 | 65.25 6.99 0.01 | 74.61 7.61 -6.57 | 94.84 7.27 -28.43 | 101.94 7.01 -38.87 | 110.76 7.13 -46.54 | 119.34 7.29 -52.76 | 106.95 7.21 -42.50 | 77.37 7.55 -9.38 | 64.57 6.70 -4.70 | 61.40 6.57 -3.10 | 58.26 6.41 -2.57 | 58.16 6.24 -3.59 | 57.12 4.94 -9.21 |
| NYPA___HOLTSVILL 23794 | 50.38 4.20 -5.78 | 46.15 3.36 -4.62 | 39.69 2.97 0.00 | 38.00 2.73 -1.19 | 38.29 2.77 -1.27 | 40.60 2.83 -1.89 | 46.71 3.39 -6.47 | 54.42 5.12 -7.37 | 60.33 5.62 -12.79 | 69.55 6.47 -18.18 | 102.26 7.35 -43.87 | 109.86 8.39 -43.21 | 119.12 9.06 -49.63 | 141.38 8.69 -73.55 | 145.22 8.30 -80.85 | 149.72 8.39 -84.26 | 148.28 8.72 -80.28 | 145.29 8.53 -79.52 | 135.93 9.07 -66.42 | 102.26 7.92 -41.17 | 112.38 7.86 -52.79 | 92.36 7.29 -35.77 | 67.47 7.11 -12.03 | 60.20 5.07 -12.17 |
| NYPA___HELLGATE_GT1 24158 | 44.12 3.72 -0.01 | 41.12 2.94 -0.01 | 39.19 2.46 -0.01 | 36.35 2.25 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.60 2.76 0.01 | 46.12 4.19 0.01 | 46.60 4.65 -0.02 | 50.25 5.34 -0.01 | 57.07 6.02 0.00 | 64.90 6.64 0.01 | 74.19 7.19 -6.57 | 94.61 7.04 -28.43 | 101.78 6.84 -38.87 | 110.58 6.96 -46.54 | 119.22 7.17 -52.76 | 106.78 7.04 -42.50 | 77.07 7.25 -9.38 | 64.25 6.38 -4.70 | 61.03 6.21 -3.10 | 58.01 6.16 -2.56 | 55.62 6.14 -1.15 | 47.78 4.81 -0.01 |
| NYPA___HELLGATE_GT2 24159 | 44.12 3.72 -0.01 | 41.12 2.94 -0.01 | 39.19 2.46 -0.01 | 36.35 2.25 -0.01 | 36.55 2.29 -0.01 | 38.18 2.30 0.00 | 39.60 2.76 0.01 | 46.12 4.19 0.01 | 46.60 4.65 -0.02 | 50.25 5.34 -0.01 | 57.07 6.02 0.00 | 64.90 6.64 0.01 | 74.19 7.19 -6.57 | 94.61 7.04 -28.43 | 101.78 6.84 -38.87 | 110.58 6.96 -46.54 | 119.22 7.17 -52.76 | 106.78 7.04 -42.50 | 77.07 7.25 -9.38 | 64.25 6.38 -4.70 | 61.03 6.21 -3.10 | 58.01 6.16 -2.56 | 55.62 6.14 -1.15 | 47.78 4.81 -0.01 |
| NYS_BARGE___HYD 23848 | 38.50 -1.90 0.00 | 35.96 -2.21 0.00 | 34.63 -2.09 0.00 | 32.38 -1.70 0.00 | 32.43 -1.81 0.00 | 34.09 -1.79 0.00 | 35.44 -1.40 0.00 | 40.89 -1.05 0.00 | 40.84 -1.09 0.00 | 43.55 -1.35 0.00 | 49.56 -1.48 0.00 | 56.46 -1.81 0.00 | 57.58 -3.38 0.00 | 57.59 -3.90 -2.35 | 56.48 -2.80 -3.22 | 58.19 -2.74 -3.85 | 60.22 -3.44 -4.37 | 57.49 -3.26 -3.52 | 57.53 -3.69 -0.78 | 51.27 -2.29 -0.39 | 49.91 -2.07 -0.26 | 47.14 -2.37 -0.21 | 46.45 -1.98 -0.09 | 40.60 -2.36 0.00 |
| O.H_GEN_BRUCE 24063 | 37.97 -2.42 0.00 | 35.57 -2.60 0.00 | 34.30 -2.42 0.00 | 32.08 -2.01 0.00 | 32.12 -2.12 0.00 | 33.69 -2.19 0.00 | 35.94 -1.88 -0.97 | 39.16 -1.80 0.97 | 40.00 -1.93 0.00 | 42.61 -2.29 0.00 | 48.44 -2.60 0.00 | 55.00 -3.26 0.00 | 56.00 -4.95 -0.53 | 56.00 -5.44 -2.30 | 55.01 -4.21 -3.15 | 56.62 -4.22 -3.77 | 58.58 -4.98 -4.27 | 55.93 -4.75 -3.44 | 56.00 -5.20 -0.76 | 49.99 -3.56 -0.38 | 49.25 -3.21 -0.73 | 46.97 -3.40 -1.08 | 44.17 -2.90 1.26 | 40.00 -2.96 0.00 |
| OAK ORCHARD___HYD 24046 | 39.47 -0.93 0.00 | 36.87 -1.30 0.00 | 35.47 -1.25 0.00 | 33.10 -0.99 0.00 | 33.18 -1.06 0.00 | 34.84 -1.04 0.00 | 36.18 -0.66 0.00 | 41.60 -0.34 0.00 | 41.64 -0.29 0.00 | 44.50 -0.40 0.00 | 50.84 -0.20 0.00 | 58.03 -0.23 0.00 | 59.78 -1.09 -0.45 | 59.77 -1.30 -1.93 | 57.81 -0.90 -2.64 | 59.43 -0.80 -3.16 | 61.56 -1.30 -3.58 | 58.92 -1.20 -2.88 | 59.74 -1.33 -0.64 | 52.80 -0.69 -0.32 | 51.26 -0.67 -0.21 | 48.63 -0.84 -0.17 | 47.64 -0.77 -0.08 | 42.06 -0.90 0.00 |
| OCC_CHEM___DRP 24175 | 38.26 -2.14 0.00 | 35.80 -2.37 0.00 | 34.52 -2.20 0.00 | 32.28 -1.81 0.00 | 32.33 -1.92 0.00 | 33.95 -1.94 0.00 | 35.22 -1.62 0.00 | 40.55 -1.38 0.00 | 40.42 -1.51 0.00 | 43.02 -1.89 0.00 | 48.90 -2.14 0.00 | 55.58 -2.68 0.00 | 56.57 -4.41 -0.56 | 56.64 -4.91 -2.41 | 55.66 -3.70 -3.29 | 57.31 -3.71 -3.94 | 59.31 -4.45 -4.47 | 56.60 -4.24 -3.60 | 56.52 -4.71 -0.80 | 50.49 -3.08 -0.40 | 49.25 -2.74 -0.26 | 46.55 -2.96 -0.22 | 45.92 -2.51 -0.10 | 40.26 -2.71 0.00 |
| OLIN_CORP_DRP 24177 | 38.26 -2.14 0.00 | 35.80 -2.37 0.00 | 34.48 -2.24 0.00 | 32.25 -1.84 0.00 | 32.29 -1.95 0.00 | 33.91 -1.97 0.00 | 35.22 -1.62 0.00 | 40.55 -1.38 0.00 | 40.46 -1.47 0.00 | 43.10 -1.80 0.00 | 49.00 -2.04 0.00 | 55.76 -2.51 0.00 | 56.82 -4.17 -0.56 | 56.90 -4.67 -2.44 | 55.92 -3.48 -3.33 | 57.58 -3.48 -3.99 | 59.60 -4.21 -4.52 | 56.87 -4.01 -3.64 | 56.83 -4.41 -0.80 | 50.65 -2.92 -0.40 | 49.40 -2.59 -0.27 | 46.65 -2.86 -0.22 | 46.01 -2.42 -0.10 | 40.26 -2.71 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 40.60 0.20 0.00 | 38.13 -0.04 0.00 | 36.61 -0.11 0.00 | 33.99 -0.10 0.00 | 34.14 -0.10 0.00 | 35.85 -0.04 0.00 | 37.03 0.18 0.00 | 42.44 0.50 0.00 | 42.31 0.38 0.00 | 45.44 0.54 0.00 | 51.86 0.82 0.00 | 59.25 0.99 0.00 | 61.64 0.85 -0.37 | 61.55 0.83 -1.59 | 58.97 0.73 -2.17 | 60.42 0.74 -2.60 | 62.94 0.71 -2.94 | 60.29 0.69 -2.37 | 61.57 0.60 -0.52 | 54.02 0.58 -0.26 | 52.52 0.62 -0.17 | 49.93 0.49 -0.14 | 48.64 0.24 -0.06 | 43.27 0.30 0.00 |
| ONONDAGA___COGEN 23986 | 40.52 0.12 0.00 | 38.09 -0.08 0.00 | 36.54 -0.18 0.00 | 33.95 -0.14 0.00 | 34.11 -0.14 0.00 | 35.81 -0.07 0.00 | 36.95 0.11 0.00 | 42.40 0.46 0.00 | 42.26 0.34 0.00 | 45.35 0.45 0.00 | 51.60 0.56 0.00 | 58.96 0.70 0.00 | 61.33 0.54 -0.37 | 61.26 0.53 -1.59 | 58.68 0.45 -2.17 | 60.19 0.51 -2.59 | 62.53 0.30 -2.94 | 59.95 0.34 -2.37 | 61.20 0.24 -0.52 | 53.75 0.32 -0.26 | 52.31 0.41 -0.17 | 49.78 0.35 -0.14 | 48.49 0.10 -0.06 | 43.18 0.21 0.00 |
| ONTARIO___LFGE 23819 | 40.64 0.24 0.00 | 38.06 -0.11 0.00 | 36.46 -0.26 0.00 | 33.95 -0.14 0.00 | 34.07 -0.17 0.00 | 35.88 0.00 0.00 | 37.28 0.44 0.00 | 43.03 1.09 0.00 | 43.02 1.09 0.00 | 46.20 1.30 0.00 | 52.98 1.94 0.00 | 60.59 2.33 0.00 | 62.82 1.87 -0.53 | 63.20 1.77 -2.29 | 60.94 1.74 -3.13 | 62.71 1.88 -3.75 | 65.26 1.72 -4.25 | 62.37 1.72 -3.42 | 62.77 1.57 -0.76 | 55.15 1.60 -0.38 | 53.47 1.50 -0.25 | 50.68 1.18 -0.21 | 49.15 0.72 -0.09 | 43.27 0.30 0.00 |
| OSWEGATCHIE___HYD 24044 | 41.25 0.85 0.00 | 39.05 0.88 0.00 | 37.64 0.92 0.00 | 34.87 0.78 0.00 | 35.00 0.75 0.00 | 36.71 0.83 0.00 | 37.65 0.81 0.00 | 42.90 0.96 0.00 | 42.64 0.71 0.00 | 45.62 0.72 0.00 | 51.50 0.46 0.00 | 58.61 0.35 0.00 | 60.54 0.12 0.00 | 59.32 0.18 0.00 | 56.07 0.00 0.00 | 56.73 -0.34 0.00 | 59.35 0.06 0.00 | 56.72 -0.52 0.00 | 60.08 -0.36 0.00 | 52.80 -0.37 0.00 | 51.52 -0.21 0.00 | 49.83 0.54 0.00 | 49.30 0.97 0.00 | 43.35 0.39 0.00 |
| OSWEGO___5 23606 | 39.79 -0.61 0.00 | 37.45 -0.73 0.00 | 35.98 -0.73 0.00 | 33.44 -0.65 0.00 | 33.59 -0.65 0.00 | 35.24 -0.65 0.00 | 36.29 -0.55 0.00 | 41.39 -0.55 0.00 | 41.26 -0.67 0.00 | 44.23 -0.67 0.00 | 50.33 -0.71 0.00 | 57.51 -0.76 0.00 | 59.72 -0.97 -0.27 | 59.29 -1.01 -1.15 | 56.75 -0.90 -1.58 | 58.05 -0.91 -1.89 | 60.42 -1.01 -2.14 | 57.99 -0.97 -1.72 | 59.79 -1.03 -0.38 | 52.51 -0.85 -0.19 | 51.07 -0.78 -0.13 | 48.60 -0.79 -0.10 | 47.51 -0.87 -0.05 | 42.41 -0.56 0.00 |
| OSWEGO___6 23613 | 39.79 -0.61 0.00 | 37.45 -0.73 0.00 | 35.98 -0.73 0.00 | 33.44 -0.65 0.00 | 33.59 -0.65 0.00 | 35.24 -0.65 0.00 | 36.29 -0.55 0.00 | 41.39 -0.55 0.00 | 41.26 -0.67 0.00 | 44.23 -0.67 0.00 | 50.33 -0.71 0.00 | 57.51 -0.76 0.00 | 59.72 -0.97 -0.27 | 59.29 -1.01 -1.15 | 56.75 -0.90 -1.58 | 58.05 -0.91 -1.89 | 60.42 -1.01 -2.14 | 57.99 -0.97 -1.72 | 59.79 -1.03 -0.38 | 52.51 -0.85 -0.19 | 51.07 -0.78 -0.13 | 48.60 -0.79 -0.10 | 47.51 -0.87 -0.05 | 42.41 -0.56 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 38.78 -1.62 0.00 | 36.22 -1.95 0.00 | 34.88 -1.84 0.00 | 32.59 -1.50 0.00 | 32.63 -1.61 0.00 | 34.30 -1.58 0.00 | 35.70 -1.14 0.00 | 41.23 -0.71 0.00 | 41.22 -0.71 0.00 | 44.00 -0.90 0.00 | 50.07 -0.97 0.00 | 57.04 -1.22 0.00 | 58.27 -2.72 -0.57 | 58.40 -3.19 -2.46 | 57.30 -2.13 -3.36 | 59.04 -2.05 -4.02 | 61.12 -2.73 -4.56 | 58.28 -2.63 -3.67 | 58.17 -3.08 -0.81 | 51.82 -1.75 -0.41 | 50.44 -1.55 -0.27 | 47.59 -1.92 -0.22 | 46.79 -1.64 -0.10 | 40.77 -2.19 0.00 |
| OXBOW____ 24026 | 38.62 -1.78 0.00 | 36.11 -2.06 0.00 | 34.77 -1.95 0.00 | 32.52 -1.57 0.00 | 32.53 -1.71 0.00 | 34.20 -1.69 0.00 | 35.55 -1.29 0.00 | 41.02 -0.92 0.00 | 40.96 -0.96 0.00 | 43.69 -1.21 0.00 | 49.72 -1.33 0.00 | 56.57 -1.69 0.00 | 57.72 -3.26 -0.56 | 57.85 -3.73 -2.43 | 56.76 -2.64 -3.33 | 58.49 -2.57 -3.98 | 60.54 -3.26 -4.52 | 57.78 -3.09 -3.64 | 57.68 -3.57 -0.80 | 51.45 -2.13 -0.40 | 50.08 -1.91 -0.27 | 47.29 -2.22 -0.22 | 46.55 -1.88 -0.10 | 40.64 -2.32 0.00 |
| OXY_CHEM_DSASP 323612 | 38.26 -2.14 0.00 | 35.80 -2.37 0.00 | 34.52 -2.20 0.00 | 32.28 -1.81 0.00 | 32.33 -1.92 0.00 | 33.95 -1.94 0.00 | 35.22 -1.62 0.00 | 40.55 -1.38 0.00 | 40.42 -1.51 0.00 | 43.02 -1.89 0.00 | 48.90 -2.14 0.00 | 55.58 -2.68 0.00 | 56.57 -4.41 -0.56 | 56.64 -4.91 -2.41 | 55.66 -3.70 -3.29 | 57.31 -3.71 -3.94 | 59.31 -4.45 -4.47 | 56.60 -4.24 -3.60 | 56.52 -4.71 -0.80 | 50.49 -3.08 -0.40 | 49.25 -2.74 -0.26 | 46.55 -2.96 -0.22 | 45.92 -2.51 -0.10 | 40.26 -2.71 0.00 |
| PEEKSKILL____ 23653 | 43.63 3.23 0.00 | 40.65 2.48 0.00 | 38.78 2.06 0.00 | 35.93 1.84 0.00 | 36.13 1.88 0.00 | 37.75 1.87 0.00 | 39.24 2.39 0.00 | 45.63 3.69 0.00 | 45.95 4.03 0.00 | 49.57 4.67 0.00 | 56.61 5.56 0.00 | 64.67 6.41 0.00 | 73.94 7.01 -6.51 | 94.12 6.86 -28.12 | 101.18 6.67 -38.44 | 109.90 6.79 -46.03 | 118.52 7.06 -52.18 | 106.14 6.87 -42.04 | 76.85 7.13 -9.28 | 64.10 6.27 -4.65 | 60.90 6.10 -3.08 | 57.54 5.72 -2.54 | 54.92 5.46 -1.13 | 47.18 4.21 0.00 |
| PGE MADISON___WINDPWR 24146 | 43.63 3.23 0.00 | 40.92 2.75 0.00 | 39.14 2.42 0.00 | 36.44 2.35 0.00 | 36.64 2.40 0.00 | 38.39 2.51 0.00 | 39.94 3.09 0.00 | 46.09 4.15 0.00 | 46.08 4.15 0.00 | 49.62 4.71 0.00 | 56.91 5.87 0.00 | 65.20 6.93 0.00 | 68.26 6.71 -1.13 | 70.54 6.51 -4.89 | 68.98 6.22 -6.69 | 71.25 6.16 -8.01 | 75.19 6.82 -9.08 | 70.79 6.24 -7.32 | 68.58 6.53 -1.62 | 59.83 5.85 -0.81 | 57.90 5.64 -0.54 | 54.76 5.03 -0.44 | 53.02 4.50 -0.20 | 46.62 3.65 0.00 |
| PIERCEFIELD___HYD 23852 | 39.91 -0.48 0.00 | 38.09 -0.08 0.00 | 36.87 0.15 0.00 | 34.09 0.00 0.00 | 34.17 -0.07 0.00 | 35.88 0.00 0.00 | 36.62 -0.22 0.00 | 41.35 -0.59 0.00 | 40.88 -1.05 0.00 | 43.51 -1.39 0.00 | 48.59 -2.45 0.00 | 55.06 -3.20 0.00 | 57.16 -3.26 0.00 | 56.06 -3.08 0.00 | 52.82 -3.25 0.00 | 53.59 -3.48 0.00 | 55.97 -3.32 0.00 | 53.80 -3.43 0.00 | 56.99 -3.44 0.00 | 49.98 -3.19 0.00 | 48.83 -2.90 0.00 | 47.61 -1.68 0.00 | 47.56 -0.77 0.00 | 41.59 -1.37 0.00 |
| PINELAWN_CC_1 323563 | 50.74 4.56 -5.78 | 46.46 3.66 -4.62 | 39.95 3.23 0.00 | 38.21 2.93 -1.19 | 38.53 3.01 -1.27 | 40.82 3.05 -1.89 | 46.93 3.61 -6.47 | 54.63 5.33 -7.37 | 60.46 5.74 -12.79 | 69.73 6.65 -18.18 | 102.51 7.61 -43.87 | 110.15 8.68 -43.21 | 119.36 9.30 -49.63 | 141.73 9.05 -73.55 | 145.61 8.69 -80.85 | 150.18 8.85 -84.26 | 148.70 9.13 -80.28 | 145.63 8.87 -79.52 | 136.17 9.31 -66.42 | 102.53 8.19 -41.17 | 112.64 8.12 -52.79 | 92.65 7.59 -35.77 | 67.66 7.30 -12.03 | 60.68 5.54 -12.17 |
| PJM_GEN_KEystone 24065 | 38.50 -1.90 0.00 | 38.90 0.73 0.00 | 37.16 0.44 0.00 | 34.50 0.41 0.00 | 34.65 0.41 0.00 | 36.28 0.39 0.00 | 38.77 0.96 -0.97 | 40.42 -0.55 0.97 | 44.69 2.14 -0.62 | 44.97 2.65 2.58 | 57.76 3.52 -3.20 | 62.52 4.25 0.00 | 69.43 4.53 -4.48 | 82.91 4.44 -19.33 | 87.04 4.54 -26.43 | 93.41 4.68 -31.65 | 96.53 1.36 -35.88 | 90.55 4.41 -28.91 | 71.54 4.71 -6.38 | 60.47 4.09 -3.20 | 59.31 3.83 -3.76 | 54.00 3.25 -1.46 | 50.66 2.90 0.58 | 44.77 1.80 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 47.39 4.00 -2.99 | 43.77 3.21 -2.39 | 39.51 2.79 0.00 | 37.26 2.56 -0.61 | 37.50 2.60 -0.66 | 39.48 2.62 -0.98 | 44.30 3.13 -4.33 | 51.08 4.70 -4.44 | 54.54 5.07 -7.54 | 67.46 5.84 -16.72 | 80.50 6.74 -22.72 | 88.16 7.52 -22.38 | 97.40 8.10 -28.88 | 118.81 7.87 -51.81 | 124.26 7.57 -60.62 | 130.87 7.71 -66.09 | 134.32 8.00 -67.02 | 128.20 7.78 -63.18 | 107.59 8.22 -38.93 | 84.00 7.23 -23.59 | 88.29 7.24 -29.33 | 80.93 6.85 -24.79 | 60.87 6.57 -5.96 | 54.25 4.98 -6.30 |
| PJM_GEN_VFT_PROXY 323633 | 40.98 3.68 3.09 | 40.96 2.79 0.00 | 39.07 2.35 0.00 | 36.17 2.08 0.00 | 36.40 2.16 0.00 | 38.00 2.12 0.00 | 40.54 2.73 -0.97 | 44.29 4.15 1.80 | 49.31 4.53 -2.86 | 50.42 5.25 -0.27 | 59.39 6.28 -2.07 | 65.20 6.93 0.00 | 74.50 7.49 -6.58 | 94.67 7.10 -28.44 | 101.78 6.84 -38.87 | 110.59 6.96 -46.55 | 119.29 7.23 -52.77 | 106.79 7.04 -42.51 | 77.38 7.55 -9.39 | 64.63 6.75 -4.71 | 62.04 6.72 -3.59 | 59.09 6.36 -3.44 | 53.90 6.04 0.48 | 42.94 4.68 4.71 |
| PLEASANTVLY___LBMP 24000 | 43.35 2.95 0.00 | 40.46 2.29 0.00 | 38.63 1.91 0.00 | 35.83 1.74 0.00 | 36.02 1.78 0.00 | 37.64 1.76 0.00 | 39.05 2.21 0.00 | 45.25 3.31 0.00 | 45.53 3.61 0.00 | 49.08 4.18 0.00 | 55.94 4.90 0.00 | 63.91 5.65 0.00 | 73.41 6.10 -6.88 | 94.85 5.97 -29.74 | 102.55 5.83 -40.65 | 111.70 5.94 -48.68 | 120.58 6.11 -55.18 | 107.65 5.95 -44.46 | 76.48 6.23 -9.82 | 63.62 5.53 -4.92 | 60.36 5.38 -3.26 | 57.00 5.03 -2.68 | 54.41 4.88 -1.19 | 46.79 3.82 0.00 |
| POLETTI____ 23519 | 44.15 3.76 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.30 2.22 0.00 | 36.50 2.26 0.00 | 38.14 2.26 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.39 4.65 -4.81 | 52.96 5.34 -2.72 | 59.39 6.28 -2.07 | 65.37 7.11 0.00 | 74.68 7.67 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.74 6.86 -4.71 | 61.61 6.78 -3.11 | 58.21 6.36 -2.57 | 55.63 6.14 -1.16 | 47.78 4.81 0.00 |
| PORT_JEFF_3 23555 | 50.42 4.24 -5.78 | 46.27 3.47 -4.62 | 39.80 3.08 0.00 | 38.11 2.83 -1.19 | 38.43 2.91 -1.27 | 40.71 2.94 -1.89 | 46.78 3.46 -6.47 | 54.68 5.37 -7.37 | 60.63 5.91 -12.79 | 69.78 6.69 -18.18 | 102.21 7.30 -43.87 | 109.86 8.39 -43.21 | 119.18 9.12 -49.63 | 141.38 8.69 -73.55 | 145.11 8.19 -80.85 | 149.61 8.28 -84.26 | 148.16 8.60 -80.28 | 145.23 8.47 -79.52 | 135.99 9.13 -66.42 | 102.32 7.98 -41.17 | 112.38 7.86 -52.79 | 92.36 7.29 -35.77 | 67.66 7.30 -12.03 | 60.07 4.94 -12.17 |
| PORT_JEFF_4 23616 | 50.42 4.24 -5.78 | 46.27 3.47 -4.62 | 39.80 3.08 0.00 | 38.11 2.83 -1.19 | 38.43 2.91 -1.27 | 40.71 2.94 -1.89 | 46.78 3.46 -6.47 | 54.68 5.37 -7.37 | 60.63 5.91 -12.79 | 69.78 6.69 -18.18 | 102.21 7.30 -43.87 | 109.86 8.39 -43.21 | 119.18 9.12 -49.63 | 141.38 8.69 -73.55 | 145.11 8.19 -80.85 | 149.61 8.28 -84.26 | 148.16 8.60 -80.28 | 145.23 8.47 -79.52 | 135.99 9.13 -66.42 | 102.32 7.98 -41.17 | 112.38 7.86 -52.79 | 92.36 7.29 -35.77 | 67.66 7.30 -12.03 | 60.07 4.94 -12.17 |
| PORT_JEFF_IC 23713 | 50.54 4.36 -5.78 | 46.38 3.59 -4.62 | 39.88 3.16 0.00 | 38.21 2.93 -1.19 | 38.49 2.98 -1.27 | 40.78 3.01 -1.89 | 46.89 3.57 -6.47 | 54.80 5.49 -7.37 | 60.80 6.08 -12.79 | 69.78 6.69 -18.18 | 102.31 7.40 -43.87 | 109.98 8.51 -43.21 | 119.30 9.24 -49.63 | 141.56 8.87 -73.55 | 145.33 8.41 -80.85 | 149.84 8.50 -84.26 | 148.40 8.83 -80.28 | 145.46 8.70 -79.52 | 136.17 9.31 -66.42 | 102.42 8.08 -41.17 | 112.48 7.97 -52.79 | 92.46 7.39 -35.77 | 67.66 7.30 -12.03 | 60.12 4.98 -12.17 |
| PPL PILGRIM_ST_GT1 24216 | 50.83 4.65 -5.78 | 46.57 3.78 -4.62 | 40.06 3.34 0.00 | 38.31 3.03 -1.19 | 38.63 3.12 -1.27 | 40.93 3.16 -1.89 | 47.04 3.72 -6.47 | 54.80 5.49 -7.37 | 60.46 5.74 -12.79 | 69.78 6.69 -18.18 | 102.56 7.66 -43.87 | 110.27 8.80 -43.21 | 119.54 9.49 -49.63 | 141.79 9.11 -73.55 | 145.61 8.69 -80.85 | 150.18 8.85 -84.26 | 148.46 8.89 -80.28 | 145.46 8.70 -79.52 | 136.05 9.19 -66.42 | 102.37 8.03 -41.17 | 112.48 7.97 -52.79 | 92.46 7.39 -35.77 | 67.61 7.25 -12.03 | 60.46 5.33 -12.17 |

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| PPL PILGRIM_ST_GT2 24217 | 50.83 4.65 -5.78 | 46.57 3.78 -4.62 | 40.06 3.34 0.00 | 38.31 3.03 -1.19 | 38.63 3.12 -1.27 | 40.93 3.16 -1.89 | 47.04 3.72 -6.47 | 54.80 5.49 -7.37 | 60.46 5.74 -12.79 | 69.78 6.69 -18.18 | 102.56 7.66 -43.87 | 110.27 8.80 -43.21 | 119.54 9.49 -49.63 | 141.79 9.11 -73.55 | 145.61 8.69 -80.85 | 150.18 8.85 -84.26 | 148.46 8.89 -80.28 | 145.46 8.70 -79.52 | 136.05 9.19 -66.42 | 102.37 8.03 -41.17 | 112.48 7.97 -52.79 | 92.46 7.39 -35.77 | 67.61 7.25 -12.03 | 60.46 5.33 -12.17 |
| PPL_SHRM_GT3 24213 | 50.14 3.96 -5.78 | 45.92 3.13 -4.62 | 39.44 2.72 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.39 2.62 -1.89 | 46.48 3.17 -6.47 | 54.34 5.03 -7.37 | 60.38 5.66 -12.79 | 69.64 6.56 -18.18 | 102.31 7.40 -43.87 | 109.98 8.51 -43.21 | 119.30 9.24 -49.63 | 141.62 8.93 -73.55 | 145.50 8.58 -80.85 | 150.01 8.68 -84.26 | 148.64 9.07 -80.28 | 145.63 8.87 -79.52 | 136.23 9.37 -66.42 | 102.47 8.14 -41.17 | 112.53 8.02 -52.79 | 92.51 7.44 -35.77 | 67.57 7.20 -12.03 | 60.16 5.03 -12.17 |
| PPL_SHRM_GT4 24214 | 50.14 3.96 -5.78 | 45.92 3.13 -4.62 | 39.44 2.72 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.39 2.62 -1.89 | 46.48 3.17 -6.47 | 54.34 5.03 -7.37 | 60.38 5.66 -12.79 | 69.64 6.56 -18.18 | 102.31 7.40 -43.87 | 109.98 8.51 -43.21 | 119.30 9.24 -49.63 | 141.62 8.93 -73.55 | 145.50 8.58 -80.85 | 150.01 8.68 -84.26 | 148.64 9.07 -80.28 | 145.63 8.87 -79.52 | 136.23 9.37 -66.42 | 102.47 8.14 -41.17 | 112.53 8.02 -52.79 | 92.51 7.44 -35.77 | 67.57 7.20 -12.03 | 60.16 5.03 -12.17 |
| PROJECT___ORANGE 1 24174 | 40.48 0.08 0.00 | 38.06 -0.11 0.00 | 36.50 -0.22 0.00 | 33.92 -0.17 0.00 | 34.07 -0.17 0.00 | 35.78 -0.11 0.00 | 36.95 0.11 0.00 | 42.32 0.38 0.00 | 42.22 0.29 0.00 | 45.30 0.40 0.00 | 51.71 0.66 0.00 | 59.14 0.87 0.00 | 61.35 0.60 -0.32 | 61.11 0.59 -1.38 | 58.51 0.56 -1.88 | 59.90 0.57 -2.26 | 62.38 0.53 -2.56 | 59.75 0.46 -2.06 | 61.26 0.36 -0.45 | 53.82 0.43 -0.23 | 52.29 0.41 -0.15 | 49.71 0.30 -0.12 | 48.49 0.10 -0.06 | 43.18 0.21 0.00 |
| PROJECT___ORANGE 2 24166 | 40.48 0.08 0.00 | 38.06 -0.11 0.00 | 36.50 -0.22 0.00 | 33.92 -0.17 0.00 | 34.07 -0.17 0.00 | 35.78 -0.11 0.00 | 36.95 0.11 0.00 | 42.32 0.38 0.00 | 42.22 0.29 0.00 | 45.30 0.40 0.00 | 51.71 0.66 0.00 | 59.14 0.87 0.00 | 61.35 0.60 -0.32 | 61.11 0.59 -1.38 | 58.51 0.56 -1.88 | 59.90 0.57 -2.26 | 62.38 0.53 -2.56 | 59.75 0.46 -2.06 | 61.26 0.36 -0.45 | 53.82 0.43 -0.23 | 52.29 0.41 -0.15 | 49.71 0.30 -0.12 | 48.49 0.10 -0.06 | 43.18 0.21 0.00 |
| PYRITES___HYD 24023 | 40.16 -0.24 0.00 | 38.36 0.19 0.00 | 37.09 0.37 0.00 | 34.29 0.20 0.00 | 34.38 0.14 0.00 | 36.13 0.25 0.00 | 36.92 0.07 0.00 | 41.73 -0.21 0.00 | 41.34 -0.59 0.00 | 44.05 -0.85 0.00 | 49.31 -1.74 0.00 | 55.87 -2.39 0.00 | 58.01 -2.42 0.00 | 56.83 -2.31 0.00 | 53.55 -2.52 0.00 | 54.28 -2.80 0.00 | 56.80 -2.49 0.00 | 54.55 -2.69 0.00 | 57.78 -2.66 0.00 | 50.67 -2.50 0.00 | 49.45 -2.28 0.00 | 48.16 -1.13 0.00 | 47.95 -0.39 0.00 | 41.89 -1.07 0.00 |
| RAMAPO___LBMP 323565 | 43.51 3.11 0.00 | 40.54 2.37 0.00 | 38.67 1.95 0.00 | 35.83 1.74 0.00 | 36.02 1.78 0.00 | 37.68 1.79 0.00 | 39.16 2.32 0.00 | 45.54 3.61 0.00 | 45.83 3.90 0.00 | 49.44 4.53 0.00 | 56.55 5.51 0.00 | 64.67 6.41 0.00 | 73.74 7.01 -6.31 | 93.32 6.92 -27.26 | 100.12 6.78 -37.26 | 108.61 6.91 -44.63 | 117.05 7.17 -50.58 | 104.91 6.93 -40.75 | 76.69 7.25 -9.00 | 63.96 6.27 -4.51 | 60.76 6.05 -2.98 | 57.37 5.62 -2.46 | 54.79 5.36 -1.09 | 47.05 4.08 0.00 |
| RANKINE____ 23646 | 38.46 -1.94 0.00 | 35.99 -2.18 0.00 | 34.63 -2.09 0.00 | 32.35 -1.74 0.00 | 32.39 -1.85 0.00 | 34.05 -1.83 0.00 | 35.44 -1.40 0.00 | 40.85 -1.09 0.00 | 40.80 -1.13 0.00 | 43.64 -1.26 0.00 | 49.77 -1.28 0.00 | 56.75 -1.51 0.00 | 58.19 -2.84 -0.61 | 58.51 -3.25 -2.62 | 57.41 -2.24 -3.59 | 59.20 -2.17 -4.30 | 61.37 -2.79 -4.87 | 58.47 -2.69 -3.92 | 58.16 -3.14 -0.87 | 51.64 -1.97 -0.43 | 50.20 -1.81 -0.29 | 47.31 -2.22 -0.24 | 46.41 -2.03 -0.11 | 40.43 -2.53 0.00 |
| RAVENSWOOD_GT2_1 24244 | 44.15 3.76 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.18 2.30 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.50 4.61 -4.96 | 53.00 5.30 -2.80 | 59.40 6.23 -2.13 | 65.31 7.05 0.00 | 74.68 7.67 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.68 6.81 -4.71 | 61.51 6.67 -3.11 | 58.21 6.36 -2.57 | 55.63 6.14 -1.16 | 47.78 4.81 0.00 |
| RAVENSWOOD_GT2_2 24245 | 44.15 3.76 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.18 2.30 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.50 4.61 -4.96 | 53.00 5.30 -2.80 | 59.40 6.23 -2.13 | 65.31 7.05 0.00 | 74.68 7.67 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.68 6.81 -4.71 | 61.51 6.67 -3.11 | 58.21 6.36 -2.57 | 55.63 6.14 -1.16 | 47.78 4.81 0.00 |
| RAVENSWOOD_GT2_3 24246 | 44.20 3.80 0.00 | 41.15 2.98 0.00 | 39.25 2.53 0.00 | 36.34 2.25 0.00 | 36.57 2.33 0.00 | 38.18 2.30 0.00 | 39.72 2.87 0.00 | 46.26 4.32 0.00 | 51.54 4.65 -4.96 | 53.04 5.34 -2.80 | 59.46 6.28 -2.13 | 65.43 7.17 0.00 | 74.74 7.73 -6.58 | 95.03 7.45 -28.44 | 102.18 7.23 -38.87 | 110.99 7.36 -46.55 | 119.65 7.59 -52.77 | 107.13 7.38 -42.51 | 77.62 7.80 -9.39 | 64.79 6.91 -4.71 | 61.61 6.78 -3.11 | 58.26 6.41 -2.57 | 55.68 6.19 -1.16 | 47.82 4.85 0.00 |
| RAVENSWOOD_GT2_4 24247 | 44.20 3.80 0.00 | 41.15 2.98 0.00 | 39.25 2.53 0.00 | 36.34 2.25 0.00 | 36.57 2.33 0.00 | 38.18 2.30 0.00 | 39.72 2.87 0.00 | 46.26 4.32 0.00 | 51.54 4.65 -4.96 | 53.04 5.34 -2.80 | 59.46 6.28 -2.13 | 65.43 7.17 0.00 | 74.74 7.73 -6.58 | 95.03 7.45 -28.44 | 102.18 7.23 -38.87 | 110.99 7.36 -46.55 | 119.65 7.59 -52.77 | 107.13 7.38 -42.51 | 77.62 7.80 -9.39 | 64.79 6.91 -4.71 | 61.61 6.78 -3.11 | 58.26 6.41 -2.57 | 55.68 6.19 -1.16 | 47.82 4.85 0.00 |
| RAVENSWOOD_GT3_1 24248 | 44.15 3.76 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.18 2.30 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.50 4.61 -4.96 | 53.00 5.30 -2.80 | 59.40 6.23 -2.13 | 65.37 7.11 0.00 | 74.68 7.67 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.68 6.81 -4.71 | 61.56 6.72 -3.11 | 58.21 6.36 -2.57 | 55.63 6.14 -1.16 | 47.78 4.81 0.00 |
| RAVENSWOOD_GT3_2 24249 | 44.15 3.76 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.18 2.30 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.50 4.61 -4.96 | 53.00 5.30 -2.80 | 59.40 6.23 -2.13 | 65.37 7.11 0.00 | 74.68 7.67 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.68 6.81 -4.71 | 61.56 6.72 -3.11 | 58.21 6.36 -2.57 | 55.63 6.14 -1.16 | 47.78 4.81 0.00 |
| RAVENSWOOD_GT3_3 24250 | 44.24 3.84 0.00 | 41.19 3.02 0.00 | 39.29 2.57 0.00 | 36.37 2.28 0.00 | 36.57 2.33 0.00 | 38.22 2.33 0.00 | 39.75 2.91 0.00 | 46.30 4.36 0.00 | 51.58 4.70 -4.96 | 53.09 5.39 -2.80 | 59.56 6.38 -2.13 | 65.49 7.22 0.00 | 74.80 7.79 -6.58 | 95.09 7.51 -28.44 | 102.23 7.29 -38.87 | 111.05 7.42 -46.55 | 119.71 7.65 -52.77 | 107.19 7.44 -42.51 | 77.68 7.86 -9.39 | 64.84 6.97 -4.71 | 61.66 6.83 -3.11 | 58.36 6.51 -2.57 | 55.73 6.24 -1.16 | 47.86 4.90 0.00 |
| RAVENSWOOD_GT3_4 24251 | 44.24 3.84 0.00 | 41.19 3.02 0.00 | 39.29 2.57 0.00 | 36.37 2.28 0.00 | 36.57 2.33 0.00 | 38.22 2.33 0.00 | 39.75 2.91 0.00 | 46.30 4.36 0.00 | 51.58 4.70 -4.96 | 53.09 5.39 -2.80 | 59.56 6.38 -2.13 | 65.49 7.22 0.00 | 74.80 7.79 -6.58 | 95.09 7.51 -28.44 | 102.23 7.29 -38.87 | 111.05 7.42 -46.55 | 119.71 7.65 -52.77 | 107.19 7.44 -42.51 | 77.68 7.86 -9.39 | 64.84 6.97 -4.71 | 61.66 6.83 -3.11 | 58.36 6.51 -2.57 | 55.73 6.24 -1.16 | 47.86 4.90 0.00 |

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| RAVENSWOOD_GT_1 23729 | 48.73 3.96 -4.37 | 41.31 3.13 -0.01 | 39.41 2.68 -0.01 | 36.52 2.42 -0.01 | 36.72 2.47 -0.01 | 38.32 2.44 0.00 | 39.86 3.02 0.00 | 53.10 4.49 -6.68 | 60.28 4.82 -13.53 | 62.30 5.52 -11.88 | 63.40 6.38 -5.98 | 73.35 7.22 -7.86 | 79.89 7.79 -11.67 | 93.95 7.45 -27.36 | 102.12 7.18 -38.87 | 110.94 7.31 -46.55 | 119.59 7.53 -52.77 | 107.13 7.38 -42.51 | 90.76 7.80 -22.52 | 72.88 6.91 -12.79 | 70.29 6.72 -11.85 | 60.16 6.51 -4.36 | 60.51 6.33 -5.84 | 60.93 5.03 -12.93 |
| RAVENSWOOD_GT_10 24258 | 44.66 3.76 -0.50 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.14 2.26 0.00 | 39.68 2.84 0.00 | 45.69 4.28 0.53 | 51.12 4.61 -4.57 | 52.94 5.30 -2.74 | 59.85 6.23 -2.58 | 66.28 7.11 -0.91 | 75.27 7.67 -7.17 | 94.84 7.39 -28.31 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 79.08 7.74 -10.90 | 65.62 6.81 -5.64 | 62.57 6.72 -4.12 | 58.42 6.36 -2.77 | 55.61 6.14 -1.13 | 47.13 4.81 0.65 |
| RAVENSWOOD_GT_11 24259 | 44.66 3.76 -0.50 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.14 2.26 0.00 | 39.68 2.84 0.00 | 45.69 4.28 0.53 | 51.12 4.61 -4.57 | 52.94 5.30 -2.74 | 59.85 6.23 -2.58 | 66.28 7.11 -0.91 | 75.27 7.67 -7.17 | 94.84 7.39 -28.31 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 79.08 7.74 -10.90 | 65.62 6.81 -5.64 | 62.57 6.72 -4.12 | 58.42 6.36 -2.77 | 55.61 6.14 -1.13 | 47.13 4.81 0.65 |
| RAVENSWOOD_GT_4 24252 | 47.47 3.76 -3.31 | 41.07 2.90 0.00 | 39.17 2.46 0.00 | 36.30 2.22 0.00 | 36.50 2.26 0.00 | 38.14 2.26 0.00 | 39.64 2.80 0.00 | 42.71 4.24 3.47 | 48.96 4.61 -2.42 | 52.57 5.25 -2.42 | 62.33 6.23 -5.06 | 71.36 7.11 -5.99 | 78.55 7.67 -10.46 | 94.15 7.39 -27.61 | 102.12 7.18 -38.87 | 110.94 7.31 -46.55 | 119.65 7.59 -52.77 | 107.07 7.33 -42.51 | 87.56 7.74 -19.39 | 70.90 6.86 -10.86 | 68.21 6.72 -9.76 | 59.58 6.36 -3.93 | 55.47 6.14 -0.99 | 43.50 4.81 4.27 |
| RAVENSWOOD_GT_5 24254 | 47.47 3.76 -3.31 | 41.07 2.90 0.00 | 39.17 2.46 0.00 | 36.30 2.22 0.00 | 36.50 2.26 0.00 | 38.14 2.26 0.00 | 39.64 2.80 0.00 | 42.71 4.24 3.47 | 48.96 4.61 -2.42 | 52.57 5.25 -2.42 | 62.33 6.23 -5.06 | 71.36 7.11 -5.99 | 78.55 7.67 -10.46 | 94.15 7.39 -27.61 | 102.12 7.18 -38.87 | 110.94 7.31 -46.55 | 119.65 7.59 -52.77 | 107.07 7.33 -42.51 | 87.56 7.74 -19.39 | 70.90 6.86 -10.86 | 68.21 6.72 -9.76 | 59.58 6.36 -3.93 | 55.47 6.14 -0.99 | 43.50 4.81 4.27 |
| RAVENSWOOD_GT_6 24253 | 47.47 3.76 -3.31 | 41.07 2.90 0.00 | 39.17 2.46 0.00 | 36.30 2.22 0.00 | 36.50 2.26 0.00 | 38.14 2.26 0.00 | 39.64 2.80 0.00 | 42.71 4.24 3.47 | 48.96 4.61 -2.42 | 52.57 5.25 -2.42 | 62.33 6.23 -5.06 | 71.36 7.11 -5.99 | 78.55 7.67 -10.46 | 94.15 7.39 -27.61 | 102.12 7.18 -38.87 | 110.94 7.31 -46.55 | 119.65 7.59 -52.77 | 107.07 7.33 -42.51 | 87.56 7.74 -19.39 | 70.90 6.86 -10.86 | 68.21 6.72 -9.76 | 59.58 6.36 -3.93 | 55.47 6.14 -0.99 | 43.50 4.81 4.27 |
| RAVENSWOOD_GT_7 24255 | 47.47 3.76 -3.31 | 41.07 2.90 0.00 | 39.17 2.46 0.00 | 36.30 2.22 0.00 | 36.50 2.26 0.00 | 38.14 2.26 0.00 | 39.64 2.80 0.00 | 42.71 4.24 3.47 | 48.96 4.61 -2.42 | 52.57 5.25 -2.42 | 62.33 6.23 -5.06 | 71.36 7.11 -5.99 | 78.55 7.67 -10.46 | 94.15 7.39 -27.61 | 102.12 7.18 -38.87 | 110.94 7.31 -46.55 | 119.65 7.59 -52.77 | 107.07 7.33 -42.51 | 87.56 7.74 -19.39 | 70.90 6.86 -10.86 | 68.21 6.72 -9.76 | 59.58 6.36 -3.93 | 55.47 6.14 -0.99 | 43.50 4.81 4.27 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 44.66 3.76 -0.50 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.14 2.26 0.00 | 39.68 2.84 0.00 | 45.69 4.28 0.53 | 51.12 4.61 -4.57 | 52.94 5.30 -2.74 | 59.85 6.23 -2.58 | 66.28 7.11 -0.91 | 75.27 7.67 -7.17 | 94.84 7.39 -28.31 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 79.08 7.74 -10.90 | 65.62 6.81 -5.64 | 62.57 6.72 -4.12 | 58.42 6.36 -2.77 | 55.61 6.14 -1.13 | 47.13 4.81 0.65 |
| RAVENSWOOD_GT_9 24257 | 44.66 3.76 -0.50 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.14 2.26 0.00 | 39.68 2.84 0.00 | 45.69 4.28 0.53 | 51.12 4.61 -4.57 | 52.94 5.30 -2.74 | 59.85 6.23 -2.58 | 66.28 7.11 -0.91 | 75.27 7.67 -7.17 | 94.84 7.39 -28.31 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 79.08 7.74 -10.90 | 65.62 6.81 -5.64 | 62.57 6.72 -4.12 | 58.42 6.36 -2.77 | 55.61 6.14 -1.13 | 47.13 4.81 0.65 |
| RAVENSWOOD___1 23533 | 44.36 3.96 -0.01 | 41.27 3.09 -0.01 | 39.37 2.64 -0.01 | 36.48 2.39 -0.01 | 36.68 2.43 -0.01 | 38.32 2.44 0.00 | 39.83 2.98 0.00 | 51.97 4.45 -5.59 | 57.63 4.82 -10.88 | 57.95 5.48 -7.57 | 59.51 6.33 -2.13 | 65.43 7.17 0.00 | 74.74 7.73 -6.58 | 95.03 7.45 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.53 7.47 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.74 6.86 -4.71 | 61.51 6.67 -3.11 | 58.31 6.46 -2.57 | 58.21 6.28 -3.60 | 57.18 4.98 -9.23 |
| RAVENSWOOD___2 23534 | 44.28 3.88 -0.01 | 41.19 3.02 -0.01 | 39.30 2.57 -0.01 | 36.42 2.32 -0.01 | 36.61 2.36 -0.01 | 38.25 2.37 0.00 | 39.75 2.91 0.00 | 51.86 4.36 -5.56 | 57.44 4.65 -10.85 | 57.74 5.30 -7.54 | 59.15 5.97 -2.13 | 64.90 6.64 0.00 | 74.19 7.19 -6.58 | 94.49 6.92 -28.44 | 101.62 6.67 -38.87 | 110.36 6.74 -46.55 | 118.99 6.94 -52.77 | 106.56 6.81 -42.51 | 77.02 7.19 -9.39 | 64.31 6.43 -4.71 | 61.09 6.26 -3.11 | 57.97 6.11 -2.57 | 57.86 5.95 -3.58 | 57.00 4.85 -9.18 |
| RAVENSWOOD___3 23535 | 44.15 3.76 0.00 | 41.11 2.94 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.18 2.30 0.00 | 39.68 2.84 0.00 | 46.22 4.28 0.00 | 51.50 4.61 -4.96 | 53.00 5.30 -2.80 | 59.40 6.23 -2.13 | 65.37 7.11 0.00 | 74.68 7.67 -6.58 | 94.97 7.39 -28.44 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.59 7.53 -52.77 | 107.07 7.33 -42.51 | 77.56 7.74 -9.39 | 64.68 6.81 -4.71 | 61.56 6.72 -3.11 | 58.21 6.36 -2.57 | 55.63 6.14 -1.16 | 47.78 4.81 0.00 |
| RAVENSWOOD___4 23820 | 40.03 3.92 4.29 | 41.27 3.09 -0.01 | 39.37 2.64 -0.01 | 36.45 2.35 -0.01 | 36.68 2.43 -0.01 | 38.29 2.40 0.00 | 39.83 2.98 0.00 | 50.87 4.45 -4.48 | 54.95 4.78 -8.24 | 53.68 5.48 -3.30 | 55.67 6.28 1.65 | 57.63 7.11 7.74 | 69.67 7.67 -1.57 | 96.03 7.39 -29.50 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.47 7.41 -52.77 | 107.02 7.27 -42.51 | 64.57 7.68 3.55 | 56.72 6.81 3.26 | 52.86 6.62 5.49 | 56.49 6.41 -0.80 | 55.94 6.24 -1.37 | 53.48 4.98 -5.53 |
| RCPI_TRUST___DRP 24196 | 44.20 3.80 0.00 | 41.15 2.98 0.00 | 39.22 2.50 0.00 | 36.34 2.25 0.00 | 36.54 2.29 0.00 | 38.18 2.30 0.00 | 39.72 2.87 0.00 | 46.26 4.32 0.00 | 51.27 4.70 -4.64 | 52.91 5.39 -2.62 | 59.47 6.43 -2.00 | 65.55 7.28 0.00 | 74.92 7.92 -6.58 | 95.20 7.63 -28.44 | 102.29 7.35 -38.87 | 111.11 7.48 -46.55 | 119.82 7.77 -52.77 | 107.30 7.56 -42.51 | 77.74 7.92 -9.39 | 64.84 6.97 -4.71 | 61.71 6.88 -3.11 | 58.31 6.46 -2.57 | 55.68 6.19 -1.16 | 47.78 4.81 0.00 |
| RENSSELAER___COGEN 23796 | 41.89 1.49 0.00 | 39.28 1.11 0.00 | 37.64 0.92 0.00 | 35.01 0.92 0.00 | 35.20 0.96 0.00 | 36.82 0.93 0.00 | 37.51 0.66 0.00 | 42.82 0.88 0.00 | 43.06 1.13 0.00 | 46.25 1.35 0.00 | 52.52 1.48 0.00 | 59.84 1.57 0.00 | 61.38 1.75 0.79 | 57.56 1.83 3.41 | 53.20 1.79 4.66 | 53.37 1.88 5.59 | 54.85 1.90 6.33 | 54.02 1.89 5.10 | 61.31 1.99 1.13 | 54.36 1.75 0.56 | 53.11 1.76 0.37 | 50.61 1.63 0.31 | 49.79 1.59 0.14 | 44.34 1.37 0.00 |
| REVERE_CPPR_DRP 24186 | 42.38 1.98 0.00 | 39.81 1.64 0.00 | 38.22 1.51 0.00 | 35.49 1.40 0.00 | 35.65 1.40 0.00 | 37.35 1.47 0.00 | 38.61 1.77 0.00 | 44.33 2.39 0.00 | 44.36 2.43 0.00 | 47.64 2.74 0.00 | 54.46 3.42 0.00 | 62.28 4.02 0.00 | 64.23 3.81 0.00 | 62.92 3.78 0.00 | 59.66 3.59 0.00 | 60.56 3.48 0.00 | 63.20 3.91 0.00 | 60.61 3.38 0.00 | 64.00 3.57 0.00 | 56.36 3.19 0.00 | 54.83 3.10 0.00 | 52.20 2.91 0.00 | 50.99 2.66 0.00 | 45.20 2.23 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| RIVERBAY____ 323610 | 44.24 3.84 -0.01 | 41.16 2.98 -0.01 | 39.26 2.53 -0.01 | 36.42 2.32 -0.01 | 36.61 2.36 -0.01 | 38.25 2.37 0.00 | 39.78 2.95 0.01 | 46.29 4.36 0.01 | 46.65 4.70 -0.02 | 50.30 5.39 -0.01 | 57.27 6.23 0.00 | 65.30 7.05 0.01 | 74.67 7.67 -6.57 | 95.02 7.45 -28.43 | 102.11 7.18 -38.87 | 110.93 7.31 -46.54 | 119.58 7.53 -52.76 | 107.12 7.38 -42.50 | 77.43 7.62 -9.38 | 64.62 6.75 -4.70 | 61.34 6.52 -3.10 | 58.21 6.36 -2.56 | 55.67 6.19 -1.15 | 47.83 4.85 -0.01 |
| ROCHESTER_9_IC 23652 | 39.83 -0.57 0.00 | 37.22 -0.95 0.00 | 35.76 -0.95 0.00 | 33.37 -0.72 0.00 | 33.42 -0.82 0.00 | 35.13 -0.75 0.00 | 36.51 -0.33 0.00 | 42.02 0.08 0.00 | 42.10 0.17 0.00 | 45.04 0.13 0.00 | 51.55 0.51 0.00 | 58.85 0.58 0.00 | 60.68 -0.18 -0.44 | 60.64 -0.41 -1.91 | 58.57 -0.11 -2.61 | 60.26 0.06 -3.13 | 62.42 -0.42 -3.55 | 59.69 -0.40 -2.86 | 60.59 -0.48 -0.63 | 53.49 0.00 -0.32 | 51.88 -0.05 -0.21 | 49.22 -0.25 -0.17 | 48.17 -0.24 -0.08 | 42.45 -0.52 0.00 |
| ROSETON____1 23587 | 43.27 2.87 0.00 | 40.38 2.21 0.00 | 38.59 1.87 0.00 | 35.79 1.70 0.00 | 35.99 1.75 0.00 | 37.61 1.72 0.00 | 38.98 2.14 0.00 | 45.21 3.27 0.00 | 45.49 3.56 0.00 | 48.99 4.09 0.00 | 55.84 4.80 0.00 | 63.80 5.53 0.00 | 73.07 5.98 -6.67 | 93.86 5.91 -28.81 | 101.17 5.72 -39.38 | 110.06 5.82 -47.16 | 118.79 6.05 -53.45 | 106.14 5.84 -43.06 | 76.05 6.10 -9.51 | 63.31 5.37 -4.77 | 60.10 5.22 -3.15 | 56.77 4.88 -2.60 | 54.28 4.78 -1.16 | 46.70 3.74 0.00 |
| ROSETON____2 23588 | 43.27 2.87 0.00 | 40.38 2.21 0.00 | 38.59 1.87 0.00 | 35.79 1.70 0.00 | 35.99 1.75 0.00 | 37.61 1.72 0.00 | 38.98 2.14 0.00 | 45.21 3.27 0.00 | 45.49 3.56 0.00 | 48.99 4.09 0.00 | 55.84 4.80 0.00 | 63.80 5.53 0.00 | 73.07 5.98 -6.67 | 93.86 5.91 -28.81 | 101.17 5.72 -39.38 | 110.06 5.82 -47.16 | 118.79 6.05 -53.45 | 106.14 5.84 -43.06 | 76.05 6.10 -9.51 | 63.31 5.37 -4.77 | 60.10 5.22 -3.15 | 56.77 4.88 -2.60 | 54.28 4.78 -1.16 | 46.70 3.74 0.00 |
| RUSSELL____1 23602 | 40.28 -0.12 0.00 | 37.48 -0.69 0.00 | 36.02 -0.70 0.00 | 33.58 -0.51 0.00 | 33.63 -0.62 0.00 | 35.45 -0.43 0.00 | 36.95 0.11 0.00 | 42.82 0.88 0.00 | 43.14 1.22 0.00 | 46.16 1.26 0.00 | 53.13 2.09 0.00 | 60.83 2.56 0.00 | 62.79 1.93 -0.44 | 62.69 1.66 -1.89 | 60.23 1.57 -2.59 | 61.95 1.77 -3.10 | 64.11 1.30 -3.52 | 61.44 1.37 -2.83 | 62.45 1.39 -0.63 | 55.08 1.60 -0.31 | 53.33 1.40 -0.21 | 50.50 1.04 -0.17 | 49.23 0.82 -0.08 | 43.31 0.34 0.00 |
| RUSSELL____2 23532 | 40.28 -0.12 0.00 | 37.48 -0.69 0.00 | 36.02 -0.70 0.00 | 33.58 -0.51 0.00 | 33.63 -0.62 0.00 | 35.45 -0.43 0.00 | 36.95 0.11 0.00 | 42.82 0.88 0.00 | 43.14 1.22 0.00 | 46.16 1.26 0.00 | 53.13 2.09 0.00 | 60.83 2.56 0.00 | 62.79 1.93 -0.44 | 62.69 1.66 -1.89 | 60.23 1.57 -2.59 | 61.95 1.77 -3.10 | 64.11 1.30 -3.52 | 61.44 1.37 -2.83 | 62.45 1.39 -0.63 | 55.08 1.60 -0.31 | 53.33 1.40 -0.21 | 50.50 1.04 -0.17 | 49.23 0.82 -0.08 | 43.31 0.34 0.00 |
| RUSSELL____3 23549 | 39.99 -0.40 0.00 | 37.29 -0.88 0.00 | 35.84 -0.88 0.00 | 33.44 -0.65 0.00 | 33.52 -0.72 0.00 | 35.24 -0.65 0.00 | 36.66 -0.18 0.00 | 42.27 0.34 0.00 | 42.39 0.46 0.00 | 45.30 0.40 0.00 | 51.96 0.92 0.00 | 59.37 1.11 0.00 | 61.23 0.36 -0.44 | 61.23 0.18 -1.91 | 59.07 0.39 -2.61 | 60.77 0.57 -3.13 | 62.95 0.12 -3.54 | 60.26 0.17 -2.86 | 61.19 0.12 -0.63 | 54.02 0.53 -0.32 | 52.40 0.47 -0.21 | 49.66 0.20 -0.17 | 48.56 0.14 -0.08 | 42.75 -0.21 0.00 |
| RUSSELL____4 23556 | 40.24 -0.16 0.00 | 37.48 -0.69 0.00 | 35.98 -0.73 0.00 | 33.58 -0.51 0.00 | 33.63 -0.62 0.00 | 35.45 -0.43 0.00 | 36.92 0.07 0.00 | 42.78 0.84 0.00 | 43.10 1.17 0.00 | 46.11 1.21 0.00 | 53.08 2.04 0.00 | 60.77 2.51 0.00 | 62.73 1.87 -0.44 | 62.69 1.66 -1.89 | 60.17 1.51 -2.59 | 61.95 1.77 -3.10 | 64.11 1.30 -3.52 | 61.39 1.32 -2.83 | 62.45 1.39 -0.63 | 55.03 1.54 -0.31 | 53.28 1.34 -0.21 | 50.50 1.04 -0.17 | 49.18 0.77 -0.08 | 43.27 0.30 0.00 |
| RUSSELL____STATION 23914 | 39.99 -0.40 0.00 | 37.29 -0.88 0.00 | 35.84 -0.88 0.00 | 33.44 -0.65 0.00 | 33.52 -0.72 0.00 | 35.24 -0.65 0.00 | 36.66 -0.18 0.00 | 42.27 0.34 0.00 | 42.39 0.46 0.00 | 45.30 0.40 0.00 | 51.96 0.92 0.00 | 59.37 1.11 0.00 | 61.23 0.36 -0.44 | 61.23 0.18 -1.91 | 59.07 0.39 -2.61 | 60.77 0.57 -3.13 | 62.95 0.12 -3.54 | 60.26 0.17 -2.86 | 61.19 0.12 -0.63 | 54.02 0.53 -0.32 | 52.40 0.47 -0.21 | 49.66 0.20 -0.17 | 48.56 0.14 -0.08 | 42.75 -0.21 0.00 |
| S SALMON____HYD 24043 | 41.85 1.45 0.00 | 39.35 1.18 0.00 | 37.75 1.03 0.00 | 34.98 0.89 0.00 | 35.13 0.89 0.00 | 36.92 1.04 0.00 | 38.13 1.29 0.00 | 43.78 1.85 0.00 | 43.65 1.72 0.00 | 46.88 1.98 0.00 | 53.39 2.35 0.00 | 61.06 2.80 0.00 | 63.21 2.54 -0.25 | 62.72 2.48 -1.09 | 59.86 2.30 -1.49 | 61.09 2.23 -1.79 | 63.87 2.55 -2.03 | 59.90 1.03 -1.63 | 61.89 1.09 -0.36 | 54.42 1.06 -0.18 | 53.03 1.19 -0.12 | 50.57 1.18 -0.10 | 49.39 1.01 -0.04 | 43.87 0.90 0.00 |
| SELKIRK____I 23801 | 41.69 1.29 0.00 | 39.12 0.95 0.00 | 37.49 0.77 0.00 | 34.80 0.72 0.00 | 35.03 0.79 0.00 | 36.60 0.72 0.00 | 37.43 0.59 0.00 | 42.90 0.96 0.00 | 43.06 1.13 0.00 | 46.25 1.35 0.00 | 52.57 1.53 0.00 | 60.01 1.75 0.00 | 61.36 1.93 1.00 | 56.73 1.89 4.30 | 52.03 1.85 5.89 | 51.91 1.88 7.05 | 53.26 1.96 7.99 | 52.75 1.95 6.44 | 61.07 2.05 1.42 | 54.27 1.81 0.71 | 53.11 1.86 0.47 | 50.58 1.68 0.39 | 49.80 1.64 0.17 | 44.34 1.37 0.00 |
| SELKIRK____II 23799 | 41.41 1.01 0.00 | 38.86 0.69 0.00 | 37.27 0.55 0.00 | 34.63 0.55 0.00 | 34.83 0.58 0.00 | 36.42 0.54 0.00 | 37.25 0.41 0.00 | 42.65 0.71 0.00 | 42.85 0.92 0.00 | 46.02 1.12 0.00 | 52.27 1.23 0.00 | 59.60 1.34 0.00 | 60.92 1.51 1.01 | 56.30 1.54 4.38 | 51.60 1.51 5.99 | 51.45 1.54 7.17 | 52.76 1.60 8.13 | 52.29 1.60 6.55 | 60.68 1.69 1.45 | 53.94 1.49 0.72 | 52.74 1.50 0.48 | 50.27 1.38 0.40 | 49.46 1.30 0.18 | 44.08 1.12 0.00 |
| SENECA OSWGO____HYD 24041 | 40.32 -0.08 0.00 | 37.90 -0.27 0.00 | 36.39 -0.33 0.00 | 33.78 -0.31 0.00 | 33.93 -0.31 0.00 | 35.63 -0.25 0.00 | 36.77 -0.07 0.00 | 42.02 0.08 0.00 | 41.89 -0.04 0.00 | 44.90 0.00 0.00 | 51.20 0.15 0.00 | 58.50 0.23 0.00 | 60.72 0.00 -0.29 | 60.41 0.00 -1.27 | 57.75 -0.06 -1.73 | 59.15 0.00 -2.07 | 61.52 -0.12 -2.35 | 59.13 0.00 -1.89 | 60.80 -0.06 -0.42 | 53.43 0.05 -0.21 | 51.97 0.10 -0.14 | 49.45 0.05 -0.11 | 48.24 -0.15 -0.05 | 43.05 0.09 0.00 |
| SENECA____ENERGY 23797 | 40.07 -0.32 0.00 | 37.67 -0.50 0.00 | 36.13 -0.59 0.00 | 33.61 -0.48 0.00 | 33.76 -0.48 0.00 | 35.45 -0.43 0.00 | 36.73 -0.11 0.00 | 42.19 0.25 0.00 | 42.10 0.17 0.00 | 45.17 0.27 0.00 | 51.65 0.61 0.00 | 59.02 0.76 0.00 | 61.26 0.36 -0.47 | 61.48 0.30 -2.04 | 59.14 0.28 -2.79 | 60.82 0.40 -3.34 | 63.32 0.24 -3.79 | 60.58 0.29 -3.05 | 61.29 0.18 -0.67 | 53.88 0.37 -0.34 | 52.31 0.36 -0.22 | 49.62 0.15 -0.18 | 48.27 -0.15 -0.08 | 42.71 -0.26 0.00 |
| SHOEMAKER____GT 23640 | 43.35 2.95 0.00 | 40.46 2.29 0.00 | 38.67 1.95 0.00 | 35.83 1.74 0.00 | 36.02 1.78 0.00 | 37.71 1.83 0.00 | 39.09 2.25 0.00 | 45.50 3.56 0.00 | 45.83 3.90 0.00 | 49.39 4.49 0.00 | 56.45 5.41 0.00 | 64.67 6.41 0.00 | 73.16 6.89 -5.85 | 91.25 6.86 -25.25 | 97.26 6.67 -34.52 | 105.15 6.74 -41.34 | 113.08 6.94 -46.86 | 101.68 6.70 -37.75 | 75.78 7.01 -8.34 | 63.46 6.11 -4.18 | 60.38 5.90 -2.76 | 56.99 5.42 -2.28 | 54.47 5.12 -1.01 | 46.83 3.87 0.00 |
| SHOREHAM_IC_1 23715 | 50.14 3.96 -5.78 | 45.92 3.13 -4.62 | 39.44 2.72 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.39 2.62 -1.89 | 46.48 3.17 -6.47 | 54.34 5.03 -7.37 | 60.38 5.66 -12.79 | 69.64 6.56 -18.18 | 102.31 7.40 -43.87 | 109.98 8.51 -43.21 | 119.30 9.24 -49.63 | 141.62 8.93 -73.55 | 145.50 8.58 -80.85 | 150.01 8.68 -84.26 | 148.64 9.07 -80.28 | 145.63 8.87 -79.52 | 136.23 9.37 -66.42 | 102.47 8.14 -41.17 | 112.53 8.02 -52.79 | 92.51 7.44 -35.77 | 67.57 7.20 -12.03 | 60.16 5.03 -12.17 |

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| SHOREHAM_IC_2 23716 | 50.14 3.96 -5.78 | 45.92 3.13 -4.62 | 39.44 2.72 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.39 2.62 -1.89 | 46.48 3.17 -6.47 | 54.34 5.03 -7.37 | 60.38 5.66 -12.79 | 69.64 6.56 -18.18 | 102.31 7.40 -43.87 | 109.98 8.51 -43.21 | 119.30 9.24 -49.63 | 141.62 8.93 -73.55 | 145.50 8.58 -80.85 | 150.01 8.68 -84.26 | 148.64 9.07 -80.28 | 145.63 8.87 -79.52 | 136.23 9.37 -66.42 | 102.47 8.14 -41.17 | 112.53 8.02 -52.79 | 92.51 7.44 -35.77 | 67.57 7.20 -12.03 | 60.16 5.03 -12.17 |
| SISSONVILLE____ 23735 | 39.91 -0.48 0.00 | 38.09 -0.08 0.00 | 36.87 0.15 0.00 | 34.09 0.00 0.00 | 34.17 -0.07 0.00 | 35.88 0.00 0.00 | 36.62 -0.22 0.00 | 41.35 -0.59 0.00 | 40.88 -1.05 0.00 | 43.51 -1.39 0.00 | 48.59 -2.45 0.00 | 55.06 -3.20 0.00 | 57.16 -3.26 0.00 | 56.06 -3.08 0.00 | 52.82 -3.25 0.00 | 53.59 -3.48 0.00 | 55.97 -3.32 0.00 | 53.80 -3.43 0.00 | 56.99 -3.44 0.00 | 49.98 -3.19 0.00 | 48.83 -2.90 0.00 | 47.61 -1.68 0.00 | 47.56 -0.77 0.00 | 41.59 -1.37 0.00 |
| SITHE_IND_GS1 24169 | 39.59 -0.81 0.00 | 37.25 -0.92 0.00 | 35.80 -0.92 0.00 | 33.27 -0.82 0.00 | 33.42 -0.82 0.00 | 35.02 -0.86 0.00 | 36.11 -0.74 0.00 | 41.10 -0.84 0.00 | 40.88 -1.05 0.00 | 43.78 -1.12 0.00 | 49.87 -1.17 0.00 | 56.92 -1.34 0.00 | 59.08 -1.57 -0.23 | 58.55 -1.60 -1.01 | 55.99 -1.46 -1.38 | 57.25 -1.48 -1.65 | 59.56 -1.60 -1.87 | 57.20 -1.55 -1.51 | 59.08 -1.69 -0.33 | 51.96 -1.38 -0.17 | 50.54 -1.29 -0.11 | 48.10 -1.28 -0.09 | 47.07 -1.30 -0.04 | 42.15 -0.82 0.00 |
| SITHE_IND_GS2 24170 | 39.59 -0.81 0.00 | 37.25 -0.92 0.00 | 35.80 -0.92 0.00 | 33.27 -0.82 0.00 | 33.42 -0.82 0.00 | 35.02 -0.86 0.00 | 36.11 -0.74 0.00 | 41.10 -0.84 0.00 | 40.88 -1.05 0.00 | 43.78 -1.12 0.00 | 49.87 -1.17 0.00 | 56.92 -1.34 0.00 | 59.08 -1.57 -0.23 | 58.55 -1.60 -1.01 | 55.99 -1.46 -1.38 | 57.25 -1.48 -1.65 | 59.56 -1.60 -1.87 | 57.20 -1.55 -1.51 | 59.08 -1.69 -0.33 | 51.96 -1.38 -0.17 | 50.54 -1.29 -0.11 | 48.10 -1.28 -0.09 | 47.07 -1.30 -0.04 | 42.15 -0.82 0.00 |
| SITHE_IND_GS3 24171 | 39.59 -0.81 0.00 | 37.25 -0.92 0.00 | 35.80 -0.92 0.00 | 33.27 -0.82 0.00 | 33.42 -0.82 0.00 | 35.02 -0.86 0.00 | 36.11 -0.74 0.00 | 41.10 -0.84 0.00 | 40.88 -1.05 0.00 | 43.78 -1.12 0.00 | 49.87 -1.17 0.00 | 56.92 -1.34 0.00 | 59.08 -1.57 -0.23 | 58.55 -1.60 -1.01 | 55.99 -1.46 -1.38 | 57.25 -1.48 -1.65 | 59.56 -1.60 -1.87 | 57.20 -1.55 -1.51 | 59.08 -1.69 -0.33 | 51.96 -1.38 -0.17 | 50.54 -1.29 -0.11 | 48.10 -1.28 -0.09 | 47.07 -1.30 -0.04 | 42.15 -0.82 0.00 |
| SITHE_IND_GS4 24172 | 39.59 -0.81 0.00 | 37.25 -0.92 0.00 | 35.80 -0.92 0.00 | 33.27 -0.82 0.00 | 33.42 -0.82 0.00 | 35.02 -0.86 0.00 | 36.11 -0.74 0.00 | 41.10 -0.84 0.00 | 40.88 -1.05 0.00 | 43.78 -1.12 0.00 | 49.87 -1.17 0.00 | 56.92 -1.34 0.00 | 59.08 -1.57 -0.23 | 58.55 -1.60 -1.01 | 55.99 -1.46 -1.38 | 57.25 -1.48 -1.65 | 59.56 -1.60 -1.87 | 57.20 -1.55 -1.51 | 59.08 -1.69 -0.33 | 51.96 -1.38 -0.17 | 50.54 -1.29 -0.11 | 48.10 -1.28 -0.09 | 47.07 -1.30 -0.04 | 42.15 -0.82 0.00 |
| SITHE____BATAVIA 24024 | 38.78 -1.62 0.00 | 36.19 -1.98 0.00 | 34.81 -1.91 0.00 | 32.52 -1.57 0.00 | 32.57 -1.68 0.00 | 34.27 -1.61 0.00 | 35.70 -1.14 0.00 | 41.27 -0.67 0.00 | 41.38 -0.55 0.00 | 44.14 -0.76 0.00 | 50.48 -0.56 0.00 | 57.56 -0.70 0.00 | 59.00 -1.93 -0.51 | 59.04 -2.31 -2.21 | 57.52 -1.57 -3.02 | 59.21 -1.48 -3.61 | 61.25 -2.13 -4.10 | 58.53 -2.00 -3.30 | 58.87 -2.30 -0.73 | 52.26 -1.28 -0.37 | 50.77 -1.19 -0.24 | 48.01 -1.48 -0.20 | 47.94 -0.48 -0.09 | 41.98 -0.99 0.00 |
| SITHE____INDEPEND 23800 | 39.59 -0.81 0.00 | 37.25 -0.92 0.00 | 35.80 -0.92 0.00 | 33.27 -0.82 0.00 | 33.42 -0.82 0.00 | 35.02 -0.86 0.00 | 36.11 -0.74 0.00 | 41.10 -0.84 0.00 | 40.88 -1.05 0.00 | 43.78 -1.12 0.00 | 49.87 -1.17 0.00 | 56.92 -1.34 0.00 | 59.08 -1.57 -0.23 | 58.55 -1.60 -1.01 | 55.99 -1.46 -1.38 | 57.25 -1.48 -1.65 | 59.56 -1.60 -1.87 | 57.20 -1.55 -1.51 | 59.08 -1.69 -0.33 | 51.96 -1.38 -0.17 | 50.54 -1.29 -0.11 | 48.10 -1.28 -0.09 | 47.07 -1.30 -0.04 | 42.15 -0.82 0.00 |
| SITHE____MASSENA 23902 | 39.55 -0.85 0.00 | 37.79 -0.38 0.00 | 36.57 -0.15 0.00 | 33.82 -0.27 0.00 | 33.90 -0.34 0.00 | 35.60 -0.29 0.00 | 36.29 -0.55 0.00 | 40.89 -1.05 0.00 | 40.80 -1.13 0.00 | 43.51 -1.39 0.00 | 48.85 -2.19 0.00 | 55.64 -2.62 0.00 | 57.88 -2.54 0.00 | 56.72 -2.42 0.00 | 53.43 -2.64 0.00 | 54.39 -2.68 0.00 | 56.68 -2.61 0.00 | 54.66 -2.58 0.00 | 57.84 -2.60 0.00 | 50.62 -2.55 0.00 | 49.29 -2.43 0.00 | 47.61 -1.68 0.00 | 47.03 -1.30 0.00 | 41.37 -1.59 0.00 |
| SITHE____OGDNSBRG 24021 | 40.16 -0.24 0.00 | 38.36 0.19 0.00 | 37.12 0.40 0.00 | 34.33 0.24 0.00 | 34.41 0.17 0.00 | 36.13 0.25 0.00 | 36.88 0.04 0.00 | 41.60 -0.34 0.00 | 41.47 -0.46 0.00 | 44.23 -0.67 0.00 | 49.56 -1.48 0.00 | 56.34 -1.92 0.00 | 58.55 -1.87 0.00 | 57.37 -1.77 0.00 | 54.05 -2.02 0.00 | 54.91 -2.17 0.00 | 57.39 -1.90 0.00 | 55.23 -2.00 0.00 | 58.44 -1.99 0.00 | 51.20 -1.97 0.00 | 49.86 -1.86 0.00 | 48.35 -0.94 0.00 | 47.90 -0.43 0.00 | 41.93 -1.03 0.00 |
| SITHE____STERLING 23777 | 41.73 1.33 0.00 | 39.24 1.07 0.00 | 37.64 0.92 0.00 | 34.94 0.85 0.00 | 35.13 0.89 0.00 | 36.82 0.93 0.00 | 38.06 1.22 0.00 | 43.66 1.72 0.00 | 43.65 1.72 0.00 | 46.88 1.98 0.00 | 53.54 2.50 0.00 | 61.18 2.91 0.00 | 63.20 2.78 0.00 | 61.86 2.72 0.00 | 58.65 2.58 0.00 | 59.65 2.57 0.00 | 62.08 2.79 0.00 | 59.70 2.46 0.00 | 63.04 2.60 0.00 | 55.51 2.34 0.00 | 54.00 2.28 0.00 | 51.36 2.07 0.00 | 50.17 1.84 0.00 | 44.51 1.55 0.00 |
| SOUTH CAIRO____GT 23612 | 43.87 3.47 0.00 | 41.03 2.86 0.00 | 39.25 2.53 0.00 | 36.37 2.28 0.00 | 36.61 2.36 0.00 | 38.39 2.51 0.00 | 39.61 2.76 0.00 | 46.47 4.53 0.00 | 46.71 4.78 0.00 | 50.24 5.34 0.00 | 57.32 6.28 0.00 | 65.84 7.57 0.00 | 71.82 8.10 -3.30 | 81.61 8.22 -14.25 | 83.45 7.91 -19.48 | 88.11 7.71 -23.33 | 93.79 8.06 -26.44 | 86.26 7.73 -21.30 | 73.24 8.10 -4.70 | 62.60 7.07 -2.36 | 60.21 6.93 -1.56 | 56.88 6.31 -1.29 | 54.80 5.90 -0.57 | 47.35 4.38 0.00 |
| SOUTH HAMPTN____IC 23720 | 51.03 4.85 -5.78 | 46.65 3.86 -4.62 | 40.13 3.41 0.00 | 38.41 3.14 -1.19 | 38.70 3.18 -1.27 | 41.03 3.27 -1.89 | 47.18 3.87 -6.47 | 55.43 6.12 -7.37 | 61.68 6.96 -12.79 | 71.35 8.26 -18.18 | 104.40 9.49 -43.87 | 112.49 11.01 -43.21 | 121.96 11.90 -49.63 | 144.34 11.65 -73.55 | 148.19 11.27 -80.85 | 152.81 11.47 -84.26 | 151.48 11.92 -80.28 | 148.32 11.56 -79.52 | 138.95 12.09 -66.42 | 104.76 10.42 -41.17 | 114.60 10.09 -52.79 | 94.33 9.27 -35.77 | 69.16 8.80 -12.03 | 61.49 6.36 -12.17 |
| SOUTHOLD____IC 23719 | 54.82 8.65 -5.78 | 50.01 7.21 -4.62 | 43.37 6.65 0.00 | 41.48 6.20 -1.19 | 41.78 6.27 -1.27 | 44.23 6.46 -1.89 | 50.50 7.18 -6.47 | 59.92 10.61 -7.37 | 66.41 11.70 -12.79 | 76.96 13.87 -18.18 | 111.09 16.18 -43.87 | 120.29 18.82 -43.21 | 130.05 20.00 -49.63 | 152.50 19.81 -73.55 | 156.21 19.29 -80.85 | 161.03 19.69 -84.26 | 160.02 20.45 -80.28 | 156.39 19.63 -79.52 | 147.17 20.31 -66.42 | 111.89 17.55 -41.17 | 121.33 16.81 -52.79 | 100.34 15.28 -35.77 | 74.86 14.50 -12.03 | 66.35 11.21 -12.17 |
| ST LAWRENCE____ 23600 | 39.23 -1.17 0.00 | 37.48 -0.69 0.00 | 36.28 -0.44 0.00 | 33.58 -0.51 0.00 | 33.70 -0.55 0.00 | 35.34 -0.54 0.00 | 36.03 -0.81 0.00 | 40.55 -1.38 0.00 | 40.50 -1.43 0.00 | 43.19 -1.71 0.00 | 48.80 -2.25 0.00 | 55.58 -2.68 0.00 | 57.82 -2.60 0.00 | 56.66 -2.48 0.00 | 53.49 -2.58 0.00 | 54.45 -2.63 0.00 | 56.68 -2.61 0.00 | 54.66 -2.58 0.00 | 57.84 -2.60 0.00 | 50.67 -2.50 0.00 | 49.29 -2.43 0.00 | 47.32 -1.97 0.00 | 46.64 -1.69 0.00 | 41.29 -1.68 0.00 |
| STATION 5_MISC_HYD 23604 | 40.44 0.04 0.00 | 37.52 -0.65 0.00 | 35.95 -0.77 0.00 | 33.48 -0.61 0.00 | 33.56 -0.68 0.00 | 35.52 -0.36 0.00 | 37.03 0.18 0.00 | 43.11 1.17 0.00 | 43.61 1.68 0.00 | 46.83 1.93 0.00 | 54.41 3.37 0.00 | 62.63 4.37 0.00 | 64.55 3.69 -0.44 | 64.46 3.43 -1.89 | 61.85 3.20 -2.58 | 63.88 3.71 -3.09 | 66.12 3.32 -3.51 | 63.32 3.26 -2.83 | 64.51 3.44 -0.62 | 56.57 3.08 -0.31 | 54.46 2.53 -0.21 | 51.53 2.07 -0.17 | 49.91 1.50 -0.08 | 43.82 0.86 0.00 |

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| STEEL___WIND 323596 | 38.46 -1.94 0.00 | 35.99 -2.18 0.00 | 34.63 -2.09 0.00 | 32.35 -1.74 0.00 | 32.39 -1.85 0.00 | 34.05 -1.83 0.00 | 35.48 -1.36 0.00 | 40.89 -1.05 0.00 | 40.84 -1.09 0.00 | 43.69 -1.21 0.00 | 49.82 -1.23 0.00 | 56.81 -1.46 0.00 | 58.25 -2.78 -0.61 | 58.57 -3.19 -2.62 | 57.47 -2.19 -3.59 | 59.26 -2.11 -4.30 | 61.43 -2.73 -4.87 | 58.53 -2.63 -3.92 | 58.22 -3.08 -0.87 | 51.69 -1.91 -0.43 | 50.20 -1.81 -0.29 | 47.36 -2.17 -0.24 | 46.41 -2.03 -0.11 | 40.43 -2.53 0.00 |
| STEBEN_REC_LFGE 323667 | 41.00 0.61 0.00 | 38.29 0.11 0.00 | 36.65 -0.07 0.00 | 34.09 0.00 0.00 | 34.21 -0.03 0.00 | 36.13 0.25 0.00 | 37.80 0.96 0.00 | 43.83 1.89 0.00 | 43.82 1.89 0.00 | 47.19 2.29 0.00 | 54.05 3.01 0.00 | 61.82 3.55 0.00 | 64.13 2.90 -0.81 | 65.30 2.66 -3.50 | 63.60 2.75 -4.79 | 65.72 2.91 -5.73 | 68.51 2.73 -6.50 | 65.16 2.69 -5.23 | 64.07 2.48 -1.16 | 56.25 2.50 -0.58 | 54.49 2.38 -0.38 | 51.48 1.87 -0.32 | 49.88 1.40 -0.14 | 43.44 0.47 0.00 |
| STONY___BROOK 24151 | 50.54 4.36 -5.78 | 46.38 3.59 -4.62 | 39.88 3.16 0.00 | 38.21 2.93 -1.19 | 38.49 2.98 -1.27 | 40.78 3.01 -1.89 | 46.89 3.57 -6.47 | 54.80 5.49 -7.37 | 60.80 6.08 -12.79 | 69.78 6.69 -18.18 | 102.31 7.40 -43.87 | 109.98 8.51 -43.21 | 119.30 9.24 -49.63 | 141.56 8.87 -73.55 | 145.33 8.41 -80.85 | 149.84 8.50 -84.26 | 148.40 8.83 -80.28 | 145.46 8.70 -79.52 | 136.17 9.31 -66.42 | 102.42 8.08 -41.17 | 112.48 7.97 -52.79 | 92.46 7.39 -35.77 | 67.66 7.30 -12.03 | 60.12 4.98 -12.17 |
| STURGEON_POOL_HYD 23609 | 44.32 3.92 0.00 | 41.34 3.17 0.00 | 39.47 2.75 0.00 | 36.54 2.45 0.00 | 36.78 2.53 0.00 | 38.43 2.55 0.00 | 39.97 3.13 0.00 | 46.89 4.95 0.00 | 46.88 4.95 0.00 | 50.51 5.61 0.00 | 57.68 6.64 0.00 | 66.24 7.98 -5.73 | 74.73 8.58 -24.74 | 92.28 8.40 -33.82 | 98.47 8.58 -40.50 | 106.25 8.68 -45.91 | 114.27 9.07 -36.98 | 102.86 8.64 -8.17 | 77.67 9.07 -4.09 | 65.13 7.87 -2.71 | 62.09 7.65 -2.71 | 58.57 7.05 -2.23 | 56.34 7.01 -0.99 | 48.21 5.24 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 40.52 0.12 0.00 | 38.09 -0.08 0.00 | 36.54 -0.18 0.00 | 33.95 -0.14 0.00 | 34.11 -0.14 0.00 | 35.81 -0.07 0.00 | 36.95 0.11 0.00 | 42.40 0.46 0.00 | 42.26 0.34 0.00 | 45.35 0.45 0.00 | 51.60 0.56 0.00 | 58.96 0.70 0.00 | 61.33 0.54 -0.37 | 61.26 0.53 -1.59 | 58.68 0.45 -2.17 | 60.19 0.51 -2.59 | 62.53 0.30 -2.94 | 59.95 0.34 -2.37 | 61.20 0.24 -0.52 | 53.75 0.32 -0.26 | 52.31 0.41 -0.17 | 49.78 0.35 -0.14 | 48.49 0.10 -0.06 | 43.18 0.21 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 40.52 0.12 0.00 | 38.09 -0.08 0.00 | 36.54 -0.18 0.00 | 33.95 -0.14 0.00 | 34.11 -0.14 0.00 | 35.81 -0.07 0.00 | 36.95 0.11 0.00 | 42.40 0.46 0.00 | 42.26 0.34 0.00 | 45.35 0.45 0.00 | 51.60 0.56 0.00 | 58.96 0.70 0.00 | 61.33 0.54 -0.37 | 61.26 0.53 -1.59 | 58.68 0.45 -2.17 | 60.19 0.51 -2.59 | 62.53 0.30 -2.94 | 59.95 0.34 -2.37 | 61.20 0.24 -0.52 | 53.75 0.32 -0.26 | 52.31 0.41 -0.17 | 49.78 0.35 -0.14 | 48.49 0.10 -0.06 | 43.18 0.21 0.00 |
| SYRACUSE___POWER 24017 | 40.60 0.20 0.00 | 38.13 -0.04 0.00 | 36.61 -0.11 0.00 | 33.99 -0.10 0.00 | 34.14 -0.10 0.00 | 35.85 -0.04 0.00 | 37.03 0.18 0.00 | 42.44 0.50 0.00 | 42.31 0.38 0.00 | 45.44 0.54 0.00 | 51.86 0.82 0.00 | 59.25 0.99 0.00 | 61.64 0.85 -0.37 | 61.55 0.83 -1.59 | 58.97 0.73 -2.17 | 60.42 0.74 -2.60 | 62.94 0.71 -2.94 | 60.29 0.69 -2.37 | 61.57 0.60 -0.52 | 54.02 0.58 -0.26 | 52.52 0.62 -0.17 | 49.93 0.49 -0.14 | 48.64 0.24 -0.06 | 43.27 0.30 0.00 |
| UNION___PROCESSING_DRP 323587 | 39.47 -0.93 0.00 | 36.87 -1.30 0.00 | 35.47 -1.25 0.00 | 33.10 -0.99 0.00 | 33.18 -1.06 0.00 | 34.84 -1.04 0.00 | 36.18 -0.66 0.00 | 41.60 -0.34 0.00 | 41.64 -0.29 0.00 | 44.50 -0.40 0.00 | 50.84 -0.20 0.00 | 58.03 -0.23 0.00 | 59.78 -1.09 -0.45 | 59.77 -1.30 -1.93 | 57.81 -0.90 -2.64 | 59.43 -0.80 -3.16 | 61.56 -1.30 -3.58 | 58.92 -1.20 -2.88 | 59.74 -1.33 -0.64 | 52.80 -0.69 -0.32 | 51.26 -0.67 -0.21 | 48.63 -0.84 -0.17 | 47.64 -0.77 -0.08 | 42.06 -0.90 0.00 |
| UPPER HUDSON___HYD 24058 | 42.46 2.06 0.00 | 39.85 1.68 0.00 | 38.11 1.40 0.00 | 35.28 1.19 0.00 | 35.51 1.27 0.00 | 37.28 1.40 0.00 | 38.35 1.51 0.00 | 43.74 2.14 0.00 | 44.07 2.33 0.00 | 47.24 2.33 0.00 | 52.78 1.74 0.00 | 59.49 1.22 0.00 | 61.18 1.09 0.33 | 58.88 1.18 1.44 | 55.28 1.18 1.97 | 55.74 1.03 2.36 | 57.68 1.07 2.67 | 56.23 1.14 2.15 | 62.38 2.42 0.48 | 55.06 2.13 0.24 | 54.20 2.64 0.16 | 51.92 2.76 0.13 | 50.74 2.46 0.06 | 45.54 2.58 0.00 |
| UPPER RAQUET___HYD 24056 | 39.91 -0.48 0.00 | 38.09 -0.08 0.00 | 36.87 0.15 0.00 | 34.09 0.00 0.00 | 34.17 -0.07 0.00 | 35.88 0.00 0.00 | 36.62 -0.22 0.00 | 41.35 -0.59 0.00 | 40.88 -1.05 0.00 | 43.51 -1.39 0.00 | 48.59 -2.45 0.00 | 55.06 -3.20 0.00 | 57.16 -3.26 0.00 | 56.06 -3.08 0.00 | 52.82 -3.25 0.00 | 53.59 -3.48 0.00 | 55.97 -3.32 0.00 | 53.80 -3.43 0.00 | 56.99 -3.44 0.00 | 49.98 -3.19 0.00 | 48.83 -2.90 0.00 | 47.61 -1.68 0.00 | 47.56 -0.77 0.00 | 41.59 -1.37 0.00 |
| VISCHER___FERRY HYD 24020 | 42.54 2.14 0.00 | 39.93 1.76 0.00 | 38.26 1.54 0.00 | 35.55 1.47 0.00 | 35.78 1.54 0.00 | 37.43 1.54 0.00 | 38.28 1.44 0.00 | 43.66 1.72 0.00 | 43.90 1.97 0.00 | 47.15 2.25 0.00 | 53.39 2.35 0.00 | 60.71 2.45 0.00 | 62.35 2.60 0.67 | 58.90 2.66 2.90 | 54.73 2.64 3.97 | 55.00 2.68 4.75 | 56.69 2.79 5.39 | 55.64 2.75 4.34 | 62.44 2.96 0.96 | 55.30 2.61 0.48 | 54.15 2.74 0.32 | 51.59 2.56 0.26 | 50.68 2.46 0.12 | 45.33 2.36 0.00 |
| WADING RIVER_IC_1 23522 | 50.14 3.96 -5.78 | 45.92 3.13 -4.62 | 39.44 2.72 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.39 2.62 -1.89 | 46.48 3.17 -6.47 | 54.38 5.07 -7.37 | 60.42 5.70 -12.79 | 69.73 6.65 -18.18 | 102.41 7.50 -43.87 | 110.10 8.62 -43.21 | 119.42 9.37 -49.63 | 141.73 9.05 -73.55 | 145.61 8.69 -80.85 | 150.18 8.85 -84.26 | 148.75 9.19 -80.28 | 145.75 8.99 -79.52 | 136.35 9.49 -66.42 | 102.58 8.24 -41.17 | 112.59 8.07 -52.79 | 92.56 7.49 -35.77 | 67.57 7.20 -12.03 | 60.20 5.07 -12.17 |
| WADING RIVER_IC_2 23547 | 50.14 3.96 -5.78 | 45.92 3.13 -4.62 | 39.44 2.72 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.39 2.62 -1.89 | 46.48 3.17 -6.47 | 54.38 5.07 -7.37 | 60.42 5.70 -12.79 | 69.73 6.65 -18.18 | 102.41 7.50 -43.87 | 110.10 8.62 -43.21 | 119.42 9.37 -49.63 | 141.73 9.05 -73.55 | 145.61 8.69 -80.85 | 150.18 8.85 -84.26 | 148.75 9.19 -80.28 | 145.75 8.99 -79.52 | 136.35 9.49 -66.42 | 102.58 8.24 -41.17 | 112.59 8.07 -52.79 | 92.56 7.49 -35.77 | 67.57 7.20 -12.03 | 60.20 5.07 -12.17 |
| WADING RIVER_IC_3 23601 | 50.14 3.96 -5.78 | 45.92 3.13 -4.62 | 39.44 2.72 0.00 | 37.80 2.52 -1.19 | 38.08 2.57 -1.27 | 40.39 2.62 -1.89 | 46.48 3.17 -6.47 | 54.38 5.07 -7.37 | 60.42 5.70 -12.79 | 69.73 6.65 -18.18 | 102.41 7.50 -43.87 | 110.10 8.62 -43.21 | 119.42 9.37 -49.63 | 141.73 9.05 -73.55 | 145.61 8.69 -80.85 | 150.18 8.85 -84.26 | 148.75 9.19 -80.28 | 145.75 8.99 -79.52 | 136.35 9.49 -66.42 | 102.58 8.24 -41.17 | 112.59 8.07 -52.79 | 92.56 7.49 -35.77 | 67.57 7.20 -12.03 | 60.20 5.07 -12.17 |
| WALDEN___HYDRO 24148 | 43.67 3.27 0.00 | 40.69 2.52 0.00 | 38.85 2.13 0.00 | 36.00 1.91 0.00 | 36.16 1.92 0.00 | 37.75 1.87 0.00 | 39.27 2.43 0.00 | 45.84 3.90 0.00 | 46.21 4.28 0.00 | 49.84 4.94 0.00 | 56.86 5.82 0.00 | 65.14 6.88 0.00 | 73.59 7.37 -5.80 | 91.59 7.39 -25.06 | 97.67 7.35 -34.26 | 105.52 7.42 -41.02 | 113.62 7.83 -46.50 | 102.25 7.56 -37.46 | 76.51 7.80 -8.27 | 64.12 6.81 -4.15 | 60.83 6.36 -2.74 | 57.32 5.77 -2.26 | 54.95 5.61 -1.01 | 47.13 4.17 0.00 |
| WARRENSBURG____ 23737 | 42.62 2.22 0.00 | 40.00 1.83 0.00 | 38.22 1.51 0.00 | 35.38 1.30 0.00 | 35.65 1.40 0.00 | 37.39 1.51 0.00 | 38.46 1.62 0.00 | 43.91 1.97 0.00 | 44.28 2.35 0.00 | 47.33 2.42 0.00 | 52.78 1.74 0.00 | 59.37 1.11 0.00 | 60.99 0.91 0.33 | 58.70 1.01 1.44 | 55.11 1.01 1.97 | 55.57 0.86 2.36 | 57.50 0.89 2.67 | 56.11 1.03 2.15 | 62.44 2.48 0.48 | 55.22 2.29 0.24 | 54.41 2.84 0.16 | 52.12 2.96 0.13 | 50.93 2.66 0.06 | 45.76 2.79 0.00 |

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|----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| WATERSIDE___6 8 9 23538 | 40.03 3.92 4.29 | 41.27 3.09 -0.01 | 39.37 2.64 -0.01 | 36.45 2.35 -0.01 | 36.68 2.43 -0.01 | 38.29 2.40 0.00 | 39.83 2.98 0.00 | 50.87 4.45 -4.48 | 54.95 4.78 -8.24 | 53.68 5.48 -3.30 | 55.67 6.28 1.65 | 57.63 7.11 7.74 | 69.67 7.67 -1.57 | 96.03 7.39 -29.50 | 102.06 7.12 -38.87 | 110.88 7.25 -46.55 | 119.47 7.41 -52.77 | 107.02 7.27 -42.51 | 64.57 7.68 3.55 | 56.72 6.81 3.26 | 52.86 6.62 5.49 | 56.49 6.41 -0.80 | 55.94 6.24 -1.37 | 53.48 4.98 -5.53 |
| WDELAWARE___HYD 323627 | 41.81 1.41 0.00 | 39.09 0.92 0.00 | 37.34 0.62 0.00 | 34.63 0.55 0.00 | 34.79 0.55 0.00 | 36.39 0.50 0.00 | 38.02 1.18 0.00 | 44.16 2.22 0.00 | 44.36 2.43 0.00 | 49.30 4.40 0.00 | 56.40 5.36 0.00 | 64.73 6.47 0.00 | 72.29 6.89 -4.98 | 87.45 6.80 -21.51 | 92.09 6.62 -29.40 | 98.91 6.62 -35.21 | 104.36 5.16 -39.91 | 94.37 4.98 -32.15 | 72.86 5.32 -7.10 | 61.41 4.68 -3.56 | 58.58 4.50 -2.35 | 55.32 4.09 -1.94 | 53.02 3.82 -0.86 | 45.80 2.84 0.00 |
| WEST BABYLON___IC 23714 | 51.07 4.89 -5.78 | 46.76 3.97 -4.62 | 40.21 3.49 0.00 | 38.48 3.20 -1.19 | 38.77 3.25 -1.27 | 41.11 3.34 -1.89 | 47.22 3.91 -6.47 | 55.01 5.70 -7.37 | 60.88 6.16 -12.79 | 70.18 7.09 -18.18 | 103.07 8.17 -43.87 | 110.80 9.32 -43.21 | 120.02 9.97 -49.63 | 142.39 9.70 -73.55 | 146.23 9.31 -80.85 | 150.81 9.47 -84.26 | 149.35 9.78 -80.28 | 146.26 9.50 -79.52 | 136.89 10.03 -66.42 | 103.11 8.77 -41.17 | 113.21 8.69 -52.79 | 93.20 8.13 -35.77 | 68.14 7.78 -12.03 | 61.02 5.89 -12.17 |
| WEST CANADA___HYD 24049 | 40.72 0.32 0.00 | 38.40 0.23 0.00 | 36.87 0.15 0.00 | 34.26 0.17 0.00 | 34.41 0.17 0.00 | 36.03 0.14 0.00 | 37.06 0.22 0.00 | 42.27 0.34 0.00 | 42.26 0.34 0.00 | 45.26 0.36 0.00 | 51.50 0.46 0.00 | 58.79 0.52 0.00 | 60.97 0.54 0.00 | 59.67 0.53 0.00 | 56.57 0.50 0.00 | 57.59 0.51 0.00 | 59.82 0.53 0.00 | 57.75 0.52 0.00 | 61.04 0.60 0.00 | 53.70 0.53 0.00 | 52.19 0.47 0.00 | 49.68 0.39 0.00 | 48.72 0.39 0.00 | 43.31 0.34 0.00 |
| WESTERN_NY_WIND 24143 | 38.86 -1.54 0.00 | 36.26 -1.91 0.00 | 34.88 -1.84 0.00 | 32.59 -1.50 0.00 | 32.63 -1.61 0.00 | 34.34 -1.54 0.00 | 35.77 -1.07 0.00 | 41.35 -0.59 0.00 | 41.47 -0.46 0.00 | 44.23 -0.67 0.00 | 50.58 -0.46 0.00 | 57.68 -0.58 0.00 | 59.07 -1.87 -0.52 | 59.13 -2.25 -2.23 | 57.61 -1.51 -3.06 | 59.31 -1.43 -3.66 | 61.36 -2.08 -4.15 | 58.63 -1.95 -3.34 | 58.94 -2.24 -0.74 | 52.32 -1.22 -0.37 | 50.83 -1.14 -0.24 | 48.11 -1.38 -0.20 | 47.94 -0.48 -0.09 | 41.93 -1.03 0.00 |
| WESTOVER___LESR 323668 | 40.92 0.53 0.00 | 38.32 0.15 0.00 | 36.72 0.00 0.00 | 34.12 0.03 0.00 | 34.28 0.03 0.00 | 35.95 0.07 0.00 | 37.32 0.48 0.00 | 42.99 1.05 0.00 | 42.98 1.05 0.00 | 46.29 1.39 0.00 | 52.98 1.94 0.00 | 60.71 2.45 0.00 | 64.00 2.36 -1.22 | 66.72 2.31 -5.28 | 65.64 2.35 -7.21 | 68.17 2.45 -8.64 | 71.57 2.49 -9.79 | 67.53 2.40 -7.89 | 64.54 2.36 -1.74 | 56.12 2.07 -0.87 | 54.21 1.91 -0.58 | 51.24 1.48 -0.48 | 49.66 1.11 -0.21 | 43.57 0.60 0.00 |
| WETHRSFD_WT_PWR 323626 | 39.15 -1.25 0.00 | 36.61 -1.56 0.00 | 35.18 -1.54 0.00 | 32.83 -1.26 0.00 | 32.91 -1.34 0.00 | 34.59 -1.29 0.00 | 36.03 -0.81 0.00 | 41.60 -0.34 0.00 | 41.51 -0.42 0.00 | 44.50 -0.40 0.00 | 50.79 -0.26 0.00 | 57.97 -0.29 0.00 | 59.77 -1.33 -0.68 | 60.43 -1.66 -2.94 | 59.20 -0.90 -4.02 | 61.10 -0.80 -4.82 | 63.45 -1.30 -5.46 | 60.44 -1.20 -4.40 | 59.84 -1.57 -0.97 | 52.86 -0.80 -0.49 | 51.27 -0.78 -0.32 | 48.42 -1.13 -0.27 | 47.34 -1.11 -0.12 | 41.29 -1.68 0.00 |
| YORK___WARBASSE 23770 | 65.62 4.20 -21.02 | 41.46 3.28 -0.01 | 39.52 2.79 -0.01 | 36.62 2.52 -0.01 | 36.79 2.53 -0.01 | 38.43 2.55 0.00 | 39.90 3.06 0.00 | 52.13 4.61 -5.58 | 65.06 5.07 -18.06 | 74.49 5.75 -23.84 | 78.41 6.69 -20.68 | 103.69 7.52 -37.91 | 99.63 8.10 -31.11 | 100.57 7.81 -33.62 | 102.40 7.46 -38.87 | 111.22 7.59 -46.55 | 119.76 7.71 -52.77 | 107.42 7.67 -42.51 | 141.24 8.10 -72.71 | 104.10 7.23 -43.70 | 103.97 7.03 -45.21 | 100.70 6.75 -44.66 | 99.55 6.57 -44.64 | 80.18 5.24 -31.97 |