

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/21/2011

| 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 | 54.58 | 48.83 | 47.22 | 45.84 | 45.18 | 44.38 | 48.37 | 63.89 | 75.02 | 87.26 | 105.04 | 132.10 | 161.11 | 188.74 | 223.83 | 245.16 | 254.24 | 227.17 | 171.71 | 129.62 | 119.61 | 95.56 | 83.15 | 75.00 |
| 24138 | 5.28 | 4.37 | 3.98 | 3.90 | 3.69 | 3.55 | 4.64 | 6.38 | 7.68 | 9.42 | 11.50 | 14.82 | 17.54 | 20.91 | 21.45 | 21.95 | 22.01 | 18.98 | 16.28 | 15.15 | 13.48 | 10.01 | 8.51 | 6.82 |
| | 0.00 | -1.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -9.87 | -19.15 | -19.53 | -50.23 | -68.63 | -78.29 | -74.54 | -39.95 | -3.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 54.63 | 48.92 | 47.26 | 45.89 | 45.26 | 44.42 | 48.41 | 63.95 | 75.02 | 87.18 | 104.95 | 131.88 | 160.86 | 188.44 | 223.38 | 244.69 | 253.78 | 226.76 | 171.60 | 129.51 | 119.51 | 95.48 | 83.22 | 75.06 |
| 24260 | 5.32 | 4.46 | 4.02 | 3.94 | 3.78 | 3.59 | 4.68 | 6.44 | 7.68 | 9.34 | 11.41 | 14.61 | 17.29 | 20.61 | 21.00 | 21.49 | 21.55 | 18.58 | 16.17 | 15.04 | 13.37 | 9.92 | 8.58 | 6.89 |
| | 0.00 | -1.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -9.87 | -19.15 | -19.53 | -50.23 | -68.64 | -78.29 | -74.54 | -39.95 | -3.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 54.63 | 48.92 | 47.26 | 45.89 | 45.26 | 44.42 | 48.41 | 63.95 | 75.02 | 87.18 | 104.95 | 131.88 | 160.86 | 188.44 | 223.38 | 244.69 | 253.78 | 226.76 | 171.60 | 129.51 | 119.51 | 95.48 | 83.22 | 75.06 |
| 24261 | 5.32 | 4.46 | 4.02 | 3.94 | 3.78 | 3.59 | 4.68 | 6.44 | 7.68 | 9.34 | 11.41 | 14.61 | 17.29 | 20.61 | 21.00 | 21.49 | 21.55 | 18.58 | 16.17 | 15.04 | 13.37 | 9.92 | 8.58 | 6.89 |
| | 0.00 | -1.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -9.87 | -19.15 | -19.53 | -50.23 | -68.64 | -78.29 | -74.54 | -39.95 | -3.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 53.69 | 49.02 | 46.96 | 45.30 | 44.80 | 44.18 | 47.89 | 62.57 | 73.20 | 86.25 | 103.73 | 133.52 | 165.64 | 181.01 | 175.96 | 179.98 | 179.69 | 157.23 | 145.27 | 130.32 | 118.98 | 95.13 | 80.76 | 73.70 |
| 24011 | 4.39 | 4.11 | 3.72 | 3.36 | 3.32 | 3.35 | 4.15 | 5.06 | 5.86 | 8.41 | 10.20 | 13.32 | 15.55 | 17.65 | 18.41 | 18.09 | 17.40 | 15.64 | 15.59 | 14.71 | 12.84 | 9.58 | 6.12 | 5.52 |
| | 0.00 | -2.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.80 | -25.67 | -15.07 | -5.40 | -7.32 | -8.35 | -7.95 | -14.20 | -5.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 53.74 | 49.16 | 47.09 | 45.47 | 44.93 | 44.26 | 48.19 | 63.03 | 73.61 | 86.33 | 104.20 | 132.75 | 163.30 | 179.91 | 177.79 | 182.55 | 182.51 | 160.60 | 144.93 | 128.68 | 117.91 | 93.94 | 80.69 | 73.63 |
| 23798 | 4.44 | 4.28 | 3.85 | 3.52 | 3.44 | 3.43 | 4.46 | 5.52 | 6.26 | 8.48 | 10.66 | 12.78 | 14.56 | 16.76 | 17.34 | 16.69 | 15.70 | 14.70 | 13.63 | 13.16 | 11.78 | 8.38 | 6.05 | 5.45 |
| | 0.00 | -2.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.56 | -24.33 | -14.85 | -8.30 | -11.28 | -12.87 | -12.25 | -15.83 | -4.91 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 53.69 | 49.02 | 46.96 | 45.30 | 44.80 | 44.18 | 47.89 | 62.57 | 73.20 | 86.25 | 103.73 | 133.52 | 165.64 | 181.01 | 175.96 | 179.98 | 179.69 | 157.23 | 145.27 | 130.32 | 118.98 | 95.13 | 80.76 | 73.70 |
| 24028 | 4.39 | 4.11 | 3.72 | 3.36 | 3.32 | 3.35 | 4.15 | 5.06 | 5.86 | 8.41 | 10.20 | 13.32 | 15.55 | 17.65 | 18.41 | 18.09 | 17.40 | 15.64 | 15.59 | 14.71 | 12.84 | 9.58 | 6.12 | 5.52 |
| | 0.00 | -2.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.80 | -25.67 | -15.07 | -5.40 | -7.32 | -8.35 | -7.95 | -14.20 | -5.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 52.85 | 48.34 | 46.40 | 44.96 | 44.43 | 43.65 | 47.32 | 61.71 | 71.79 | 83.99 | 101.49 | 129.53 | 157.73 | 174.73 | 171.35 | 175.39 | 175.33 | 153.61 | 139.61 | 125.10 | 114.62 | 91.45 | 79.04 | 72.06 |
| 23527 | 3.55 | 3.47 | 3.16 | 3.02 | 2.95 | 2.82 | 3.59 | 4.20 | 4.44 | 6.15 | 7.95 | 9.67 | 11.07 | 13.20 | 13.54 | 13.14 | 12.62 | 11.63 | 10.05 | 9.62 | 8.49 | 5.90 | 4.40 | 3.89 |
| | 0.00 | -2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.46 | -22.24 | -13.23 | -5.66 | -7.68 | -8.76 | -8.34 | -14.08 | -4.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 51.72 | 47.27 | 45.49 | 44.08 | 43.60 | 42.75 | 46.09 | 59.69 | 69.16 | 81.03 | 97.56 | 125.48 | 151.29 | 167.30 | 160.25 | 162.61 | 161.64 | 140.59 | 132.05 | 121.02 | 110.48 | 88.55 | 76.58 | 69.75 |
| 24190 | 2.42 | 2.40 | 2.25 | 2.14 | 2.12 | 1.92 | 2.36 | 2.19 | 1.82 | 3.19 | 4.02 | 5.59 | 6.59 | 7.86 | 8.06 | 8.04 | 7.70 | 6.95 | 6.00 | 5.53 | 4.35 | 2.99 | 1.94 | 1.57 |
| | 0.00 | -2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.49 | -20.28 | -11.15 | -0.04 | 0.00 | 0.00 | 0.00 | -10.57 | -4.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 51.72 | 47.27 | 45.49 | 44.08 | 43.60 | 42.75 | 46.09 | 59.69 | 69.16 | 81.03 | 97.56 | 125.48 | 151.29 | 167.30 | 160.25 | 162.61 | 161.64 | 140.59 | 132.05 | 121.02 | 110.48 | 88.55 | 76.58 | 69.75 |
| 23571 | 2.42 | 2.40 | 2.25 | 2.14 | 2.12 | 1.92 | 2.36 | 2.19 | 1.82 | 3.19 | 4.02 | 5.59 | 6.59 | 7.86 | 8.06 | 8.04 | 7.70 | 6.95 | 6.00 | 5.53 | 4.35 | 2.99 | 1.94 | 1.57 |
| | 0.00 | -2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.49 | -20.28 | -11.15 | -0.04 | 0.00 | 0.00 | 0.00 | -10.57 | -4.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___2 | 51.72 | 47.27 | 45.49 | 44.08 | 43.60 | 42.75 | 46.09 | 59.69 | 69.16 | 81.03 | 97.56 | 125.48 | 151.29 | 167.30 | 160.25 | 162.61 | 161.64 | 140.59 | 132.05 | 121.02 | 110.48 | 88.55 | 76.58 | 69.75 |
| 23572 | 2.42 | 2.40 | 2.25 | 2.14 | 2.12 | 1.92 | 2.36 | 2.19 | 1.82 | 3.19 | 4.02 | 5.59 | 6.59 | 7.86 | 8.06 | 8.04 | 7.70 | 6.95 | 6.00 | 5.53 | 4.35 | 2.99 | 1.94 | 1.57 |
| | 0.00 | -2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.49 | -20.28 | -11.15 | -0.04 | 0.00 | 0.00 | 0.00 | -10.57 | -4.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___3 | 51.72 | 47.27 | 45.49 | 44.08 | 43.60 | 42.75 | 46.09 | 59.69 | 69.16 | 81.03 | 97.56 | 125.48 | 151.29 | 167.30 | 160.25 | 162.61 | 161.64 | 140.59 | 132.05 | 121.02 | 110.48 | 88.55 | 76.58 | 69.75 |
| 23573 | 2.42 | 2.40 | 2.25 | 2.14 | 2.12 | 1.92 | 2.36 | 2.19 | 1.82 | 3.19 | 4.02 | 5.59 | 6.59 | 7.86 | 8.06 | 8.04 | 7.70 | 6.95 | 6.00 | 5.53 | 4.35 | 2.99 | 1.94 | 1.57 |
| | 0.00 | -2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.49 | -20.28 | -11.15 | -0.04 | 0.00 | 0.00 | 0.00 | -10.57 | -4.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___4 | 51.72 | 47.27 | 45.49 | 44.08 | 43.60 | 42.75 | 46.09 | 59.69 | 69.16 | 81.03 | 97.56 | 125.48 | 151.29 | 167.30 | 160.25 | 162.61 | 161.64 | 140.59 | 132.05 | 121.02 | 110.48 | 88.55 | 76.58 | 69.75 |
| 23574 | 2.42 | 2.40 | 2.25 | 2.14 | 2.12 | 1.92 | 2.36 | 2.19 | 1.82 | 3.19 | 4.02 | 5.59 | 6.59 | 7.86 | 8.06 | 8.04 | 7.70 | 6.95 | 6.00 | 5.53 | 4.35 | 2.99 | 1.94 | 1.57 |
| | 0.00 | -2.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.49 | -20.28 | -11.15 | -0.04 | 0.00 | 0.00 | 0.00 | -10.57 | -4.88 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--------|--------|--------|--------|--------|-------|-------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| ALBANY___LFG | 52.26 | 47.77 | 45.92 | 44.50 | 44.02 | 43.16 | 46.62 | 60.56 | 70.37 | 82.67 | 99.62 | 128.50 | 157.13 | 172.59 | 164.21 | 166.78 | 165.80 | 144.07 | 135.13 | 123.87 | 112.82 | 90.43 | 77.85 | 70.90 |
| 323615 | 2.96 | 2.87 | 2.68 | 2.56 | 2.53 | 2.33 | 2.89 | 3.05 | 3.03 | 4.83 | 6.08 | 8.38 | 9.83 | 11.72 | 12.02 | 12.21 | 11.85 | 10.42 | 8.89 | 8.30 | 6.69 | 4.88 | 3.21 | 2.73 |
| | 0.00 | -2.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.72 | -22.89 | -12.58 | -0.04 | 0.00 | 0.00 | 0.00 | -10.76 | -4.97 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALCOA_RYNLDS___DRP | 47.73 | 41.38 | 41.95 | 40.68 | 40.20 | 39.89 | 42.29 | 55.55 | 64.99 | 74.81 | 89.89 | 101.61 | 114.91 | 138.59 | 143.93 | 145.14 | 144.71 | 125.76 | 108.90 | 104.42 | 100.83 | 82.47 | 72.18 | 66.13 |
| 24188 | -1.58 | -1.46 | -1.30 | -1.26 | -1.29 | -0.94 | -1.44 | -1.96 | -2.36 | -3.04 | -3.65 | -5.80 | -6.97 | -8.30 | -8.22 | -9.43 | -9.24 | -7.88 | -6.58 | -6.19 | -5.31 | -3.08 | -2.46 | -2.05 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.55 | 1.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALLEGHENY___COGEN | 50.24 | 43.30 | 43.07 | 41.90 | 41.73 | 41.65 | 44.83 | 57.05 | 66.47 | 73.02 | 88.11 | 103.17 | 120.73 | 142.44 | 145.00 | 149.01 | 148.09 | 128.43 | 111.12 | 104.41 | 100.08 | 80.68 | 70.16 | 63.00 |
| 23514 | 0.94 | 0.17 | -0.17 | -0.04 | 0.25 | 0.82 | 1.09 | -0.46 | -0.88 | -4.83 | -5.43 | -5.91 | -5.72 | -6.97 | -7.15 | -5.56 | -5.85 | -5.21 | -5.77 | -6.86 | -6.05 | -4.88 | -4.48 | -5.18 |
| | 0.00 | -0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.67 | -2.03 | -1.12 | 0.00 | 0.00 | 0.00 | 0.00 | -1.42 | -0.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALTONA_WT_PWR | 48.81 | 42.28 | 42.85 | 41.52 | 41.03 | 40.63 | 43.25 | 56.93 | 66.80 | 76.91 | 92.41 | 102.89 | 114.52 | 138.14 | 143.93 | 144.83 | 144.24 | 125.49 | 108.78 | 104.09 | 101.89 | 84.70 | 73.97 | 67.63 |
| 323606 | -0.49 | -0.56 | -0.39 | -0.42 | -0.46 | -0.20 | -0.48 | -0.58 | -0.54 | -0.93 | -1.12 | -4.51 | -7.34 | -8.75 | -8.22 | -9.74 | -9.70 | -8.15 | -6.70 | -6.53 | -4.25 | -0.86 | -0.67 | -0.55 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.56 | 1.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AMERICAN_REF_FUEL | 46.59 | 40.26 | 40.26 | 39.26 | 39.16 | 38.99 | 41.68 | 54.81 | 65.86 | 73.95 | 88.48 | 101.69 | 118.96 | 139.18 | 142.41 | 147.15 | 146.24 | 126.69 | 110.15 | 103.45 | 99.45 | 80.25 | 70.68 | 64.22 |
| 24010 | -2.71 | -2.83 | -2.98 | -2.68 | -2.32 | -1.84 | -2.06 | -2.70 | -1.48 | -3.89 | -5.05 | -7.20 | -7.22 | -10.08 | -9.74 | -7.42 | -7.70 | -6.95 | -6.58 | -7.74 | -6.69 | -5.30 | -3.96 | -3.95 |
| | 0.00 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | -1.76 | -0.96 | 0.00 | 0.00 | 0.00 | 0.00 | -1.26 | -0.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| ARTHUR_KILL_GT_1 | 83.76 | 83.54 | 83.58 | 83.62 | 58.18 | 54.06 | 57.13 | 81.52 | 83.85 | 87.17 | 104.75 | 131.66 | 160.73 | 187.10 | 222.15 | 243.60 | 252.85 | 225.95 | 168.42 | 129.28 | 118.94 | 95.38 | 84.53 | 84.53 |
| 23520 | 5.32 | 4.33 | 3.89 | 3.94 | 3.73 | 3.51 | 4.64 | 6.38 | 7.68 | 9.34 | 11.22 | 14.39 | 17.17 | 19.28 | 19.78 | 20.40 | 20.63 | 17.77 | 15.36 | 14.82 | 13.16 | 9.84 | 8.66 | 7.02 |
| | -29.14 | -36.37 | -36.45 | -37.73 | -12.96 | -9.72 | -8.76 | -17.63 | -8.83 | 0.01 | 0.01 | -9.86 | -19.14 | -19.53 | -50.23 | -68.63 | -78.28 | -74.54 | -37.59 | -3.85 | 0.35 | 0.01 | -1.23 | -9.33 |
| ARTHUR_KILL_2 | 83.76 | 83.54 | 83.58 | 83.62 | 58.18 | 54.06 | 57.13 | 81.52 | 83.85 | 87.17 | 104.75 | 131.66 | 160.73 | 187.10 | 222.15 | 243.60 | 252.85 | 225.95 | 168.42 | 129.28 | 118.94 | 95.38 | 84.53 | 84.53 |
| 23512 | 5.32 | 4.33 | 3.89 | 3.94 | 3.73 | 3.51 | 4.64 | 6.38 | 7.68 | 9.34 | 11.22 | 14.39 | 17.17 | 19.28 | 19.78 | 20.40 | 20.63 | 17.77 | 15.36 | 14.82 | 13.16 | 9.84 | 8.66 | 7.02 |
| | -29.14 | -36.37 | -36.45 | -37.73 | -12.96 | -9.72 | -8.76 | -17.63 | -8.83 | 0.01 | 0.01 | -9.86 | -19.14 | -19.53 | -50.23 | -68.63 | -78.28 | -74.54 | -37.59 | -3.85 | 0.35 | 0.01 | -1.23 | -9.33 |
| ARTHUR_KILL_3 | 83.46 | 83.40 | 83.40 | 83.40 | 57.92 | 53.85 | 56.92 | 81.24 | 83.45 | 86.64 | 104.20 | 131.13 | 159.86 | 187.41 | 222.31 | 243.61 | 252.70 | 225.83 | 168.20 | 128.63 | 118.21 | 94.88 | 83.57 | 83.77 |
| 23513 | 5.03 | 4.20 | 3.72 | 3.73 | 3.48 | 3.31 | 4.42 | 6.10 | 7.27 | 8.80 | 10.66 | 13.86 | 16.30 | 19.58 | 19.93 | 20.40 | 20.47 | 17.64 | 15.13 | 14.16 | 12.42 | 9.33 | 8.06 | 6.27 |
| | -29.13 | -36.36 | -36.44 | -37.72 | -12.95 | -9.71 | -8.77 | -17.63 | -8.83 | 0.00 | 0.00 | -9.87 | -19.15 | -19.53 | -50.23 | -68.64 | -78.29 | -74.54 | -37.59 | -3.86 | 0.34 | 0.00 | -0.87 | -9.32 |
| ASHOKAN_____ | 55.61 | 50.03 | 48.52 | 46.93 | 46.42 | 45.73 | 49.46 | 65.62 | 77.11 | 90.30 | 108.97 | 138.57 | 165.06 | 190.38 | 200.46 | 210.32 | 213.24 | 188.69 | 159.25 | 136.01 | 125.87 | 99.58 | 85.91 | 77.72 |
| 23654 | 6.31 | 5.44 | 5.28 | 4.99 | 4.94 | 4.90 | 5.73 | 8.11 | 9.76 | 12.45 | 15.43 | 20.51 | 24.26 | 29.66 | 29.21 | 29.68 | 29.56 | 26.73 | 22.75 | 21.24 | 19.74 | 14.03 | 11.27 | 9.54 |
| | 0.00 | -1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.65 | -16.38 | -12.43 | -19.10 | -26.07 | -29.74 | -28.32 | -21.02 | -4.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| ASTORIA_EAST_ENERGY_CC1 | 54.54 | 48.80 | 47.27 | 45.81 | 45.14 | 44.27 | 48.23 | 63.65 | 74.47 | 86.40 | 96.26 | 109.09 | 122.80 | 150.49 | 153.87 | 162.29 | 166.61 | 153.99 | 170.43 | 128.51 | 118.54 | 94.78 | 83.15 | 74.94 |
| 323581 | 5.23 | 4.33 | 4.02 | 3.86 | 3.65 | 3.43 | 4.50 | 6.15 | 7.14 | 8.56 | 10.57 | 13.75 | 16.30 | 19.13 | 19.32 | 19.94 | 20.01 | 17.24 | 15.01 | 14.05 | 12.42 | 9.24 | 8.51 | 6.75 |
| | -0.01 | -1.63 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 7.85 | 12.06 | 17.92 | 16.94 | 17.60 | 12.23 | 7.35 | -3.10 | -39.94 | -3.85 | 0.01 | 0.01 | 0.00 | -0.01 |
| ASTORIA_EAST_ENERGY_CC2 | 54.54 | 48.80 | 47.27 | 45.81 | 45.14 | 44.27 | 48.23 | 63.65 | 74.47 | 86.40 | 96.26 | 109.09 | 122.80 | 150.49 | 153.87 | 162.29 | 166.61 | 153.99 | 170.43 | 128.51 | 118.54 | 94.78 | 83.15 | 74.94 |
| 323582 | 5.23 | 4.33 | 4.02 | 3.86 | 3.65 | 3.43 | 4.50 | 6.15 | 7.14 | 8.56 | 10.57 | 13.75 | 16.30 | 19.13 | 19.32 | 19.94 | 20.01 | 17.24 | 15.01 | 14.05 | 12.42 | 9.24 | 8.51 | 6.75 |
| | -0.01 | -1.63 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 7.85 | 12.06 | 17.92 | 16.94 | 17.60 | 12.23 | 7.35 | -3.10 | -39.94 | -3.85 | 0.01 | 0.01 | 0.00 | -0.01 |
| ASTORIA_GT2_1 | 54.54 | 48.80 | 47.27 | 45.81 | 45.14 | 44.31 | 48.23 | 63.71 | 74.54 | 86.40 | 96.35 | 109.09 | 122.80 | 150.49 | 154.02 | 162.44 | 166.76 | 154.12 | 170.43 | 128.62 | 118.65 | 94.78 | 83.15 | 75.00 |
| 24094 | 5.23 | 4.33 | 4.02 | 3.86 | 3.65 | 3.47 | 4.50 | 6.21 | 7.21 | 8.56 | 10.66 | 13.75 | 16.30 | 19.13 | 19.47 | 20.09 | 20.17 | 17.37 | 15.01 | 14.16 | 12.52 | 9.24 | 8.51 | 6.82 |
| | -0.01 | -1.63 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 7.85 | 12.06 | 17.92 | 16.94 | 17.60 | 12.23 | 7.35 | -3.10 | -39.94 | -3.85 | 0.01 | 0.01 | 0.00 | -0.01 |
| ASTORIA_GT2_2 | 54.54 | 48.80 | 47.27 | 45.81 | 45.14 | 44.31 | 48.23 | 63.71 | 74.54 | 86.40 | 96.35 | 109.09 | 122.80 | 150.49 | 154.02 | 162.44 | 166.76 | 154.12 | 170.43 | 128.62 | 118.65 | 94.78 | 83.15 | 75.00 |
| 24095 | 5.23 | 4.33 | 4.02 | 3.86 | 3.65 | 3.47 | 4.50 | 6.21 | 7.21 | 8.56 | 10.66 | 13.75 | 16.30 | 19.13 | 19.47 | 20.09 | 20.17 | 17.37 | 15.01 | 14.16 | 12.52 | 9.24 | 8.51 | 6.82 |
| | -0.01 | -1.63 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 7.85 | 12.06 | 17.92 | 16.94 | 17.60 | 12.23 | 7.35 | -3.10 | -39.94 | -3.85 | 0.01 | 0.01 | 0.00 | -0.01 |
| ASTORIA_GT2_3 | 54.54 | 48.80 | 47.27 | 45.81 | 45.14 | 44.31 | 48.23 | 63.71 | 74.54 | 86.40 | 96.35 | 109.09 | 122.80 | 150.49 | 154.02 | 162.44 | 166.76 | 154.12 | 170.43 | 128.62 | 118.65 | 94.78 | 83.15 | 75.00 |
| 24096 | 5.23 | 4.33 | 4.02 | 3.86 | 3.65 | 3.47 | 4.50 | 6.21 | 7.21 | 8.56 | 10.66 | 13.75 | 16.30 | 19.13 | 19.47 | 20.09 | 20.17 | 17.37 | 15.01 | 14.16 | 12.52 | 9.24 | 8.51 | 6.82 |
| | -0.01 | -1.63 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 7.85 | 12.06 | 17.92 | 16.94 | 17.60 | 12.23 | 7.35 | -3.10 | -39.94 | -3.85 | 0.01 | 0.01 | 0.00 | -0.01 |
| ASTORIA_GT2_4 | 54.54 | 48.80 | 47.27 | 45.81 | 45.14 | 44.31 | 48.23 | 63.71 | 74.54 | 86.40 | 96.35 | 109.09 | 122.80 | 150.49 | 154.02 | 162.44 | 166.76 | 154.12 | 170.43 | 128.62 | 118.65 | 94.78 | 83.15 | 75.00 |
| 24097 | 5.23 | 4.33 | 4.02 | 3.86 | 3.65 | 3.47 | 4.50 | 6.21 | 7.21 | 8.56 | 10.66 | 13.75 | 16.30 | 19.13 | 19.47 | 20.09 | 20.17 | 17.37 | 15.01 | 14.16 | 12.52 | 9.24 | 8.51 | 6.82 |
| | -0.01 | -1.63 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 7.85 | 12.06 | 17.92 | 16.94 | 17.60 | 12.23 | 7.35 | -3.10 | -39.94 | -3.85 | 0.01 | 0.01 | 0.00 | -0.01 |
| ASTORIA_GT3_1 | 54.54 | 48.80 | 47.27 | 45.81 | 45.14 | 44.31 | 48.23 | 63.71 | 74.54 | 86.40 | 96.35 | 109.09 | 122.80 | 150.49 | 154.02 | 162.44 | 166.76 | 154.12 | 170.43 | 128.62 | 118.65 | 94.78 | 83.15 | 75.00 |
| 24098 | 5.23 | 4.33 | 4.02 | 3.86 | 3.65 | 3.47 | 4.50 | 6.21 | 7.21 | 8.56 | 10.66 | 13.75 | 16.30 | 19.13 | 19.47 | 20.09 | 20.17 | 17.37 | 15.01 | 14.16 | 12.52 | 9.24 | 8.51 | 6.82 |
| | -0.01 | -1.63 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 7.85 | 12.06 | 17.92 | 16.94 | 17.60 | 12.23 | 7.35 | -3.10 | -39.94 | -3.85 | 0.01 | 0.01 | 0.00 | -0.01 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|---------------------------|--------------------------|-------------------------|-----------------------|-----------------------|------------------------|
| ASTORIA_GT3_2 24099 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.54 7.21 0.01 | 86.40 8.56 0.01 | 96.35 10.66 7.85 | 109.09 13.75 12.06 | 122.80 16.30 17.92 | 150.49 19.13 16.94 | 154.02 19.47 17.60 | 162.44 20.09 12.23 | 166.76 20.17 7.35 | 154.12 17.37 -3.10 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.78 9.24 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| ASTORIA_GT3_3 24100 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.54 7.21 0.01 | 86.40 8.56 0.01 | 96.35 10.66 7.85 | 109.09 13.75 12.06 | 122.80 16.30 17.92 | 150.49 19.13 16.94 | 154.02 19.47 17.60 | 162.44 20.09 12.23 | 166.76 20.17 7.35 | 154.12 17.37 -3.10 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.78 9.24 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| ASTORIA_GT3_4 24101 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.54 7.21 0.01 | 86.40 8.56 0.01 | 96.35 10.66 7.85 | 109.09 13.75 12.06 | 122.80 16.30 17.92 | 150.49 19.13 16.94 | 154.02 19.47 17.60 | 162.44 20.09 12.23 | 166.76 20.17 7.35 | 154.12 17.37 -3.10 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.78 9.24 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| ASTORIA_GT4_1 24102 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.54 7.21 0.01 | 86.40 8.56 0.01 | 96.35 10.66 7.85 | 109.09 13.75 12.06 | 122.80 16.30 17.92 | 150.49 19.13 16.94 | 154.02 19.47 17.60 | 162.44 20.09 12.23 | 166.76 20.17 7.35 | 154.12 17.37 -3.10 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.78 9.24 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| ASTORIA_GT4_2 24103 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.54 7.21 0.01 | 86.40 8.56 0.01 | 96.35 10.66 7.85 | 109.09 13.75 12.06 | 122.80 16.30 17.92 | 150.49 19.13 16.94 | 154.02 19.47 17.60 | 162.44 20.09 12.23 | 166.76 20.17 7.35 | 154.12 17.37 -3.10 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.78 9.24 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| ASTORIA_GT4_3 24104 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.54 7.21 0.01 | 86.40 8.56 0.01 | 96.35 10.66 7.85 | 109.09 13.75 12.06 | 122.80 16.30 17.92 | 150.49 19.13 16.94 | 154.02 19.47 17.60 | 162.44 20.09 12.23 | 166.76 20.17 7.35 | 154.12 17.37 -3.10 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.78 9.24 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| ASTORIA_GT4_4 24105 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.54 7.21 0.01 | 86.40 8.56 0.01 | 96.35 10.66 7.85 | 109.09 13.75 12.06 | 122.80 16.30 17.92 | 150.49 19.13 16.94 | 154.02 19.47 17.60 | 162.44 20.09 12.23 | 166.76 20.17 7.35 | 154.12 17.37 -3.10 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.78 9.24 0.01 | 83.15 8.51 0.00 | 75.00 6 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| ASTORIA___3 23516 | 73.24 5.42 -18.51 | 72.59 4.54 -25.21 | 70.20 4.11 -22.85 | 70.20 4.03 -24.23 | 70.20 3.82 -24.90 | 72.26 3.63 -27.80 | 73.56 4.72 -25.10 | 74.59 6.44 -10.64 | 75.45 7.68 -0.43 | 87.10 9.26 0.01 | 104.56 11.04 0.01 | 131.45 14.18 -9.86 | 160.48 16.92 -19.14 | 187.70 19.87 -19.53 | 222.61 20.24 -50.23 | 243.91 20.71 -68.63 | 253.00 20.78 -78.28 | 226.09 17.91 -74.54 | 170.90 15.47 -39.94 | 128.95 14.49 -3.85 | 118.97 12.84 0.01 | 95.04 9.50 0.01 | 83.15 8.51 0.00 | 75.14 6.95 -0.01 |
| ASTORIA___4 23517 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.27 3.43 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.54 7.21 0.01 | 86.40 8.56 0.01 | 96.35 10.66 7.85 | 109.09 13.75 12.06 | 122.80 16.30 17.92 | 150.49 19.13 16.94 | 154.02 19.47 17.60 | 162.29 19.94 12.23 | 166.76 20.17 7.35 | 154.12 17.37 -3.10 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.78 9.24 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| ASTORIA___5 23518 | 73.24 5.42 -18.51 | 72.59 4.54 -25.21 | 70.20 4.11 -22.85 | 70.20 4.03 -24.23 | 70.20 3.82 -24.90 | 72.26 3.63 -27.80 | 73.56 4.72 -25.10 | 74.59 6.44 -10.64 | 75.45 7.68 -0.43 | 87.10 9.26 0.01 | 104.56 11.04 0.01 | 131.45 14.18 -9.86 | 160.48 16.92 -19.14 | 187.70 19.87 -19.53 | 222.61 20.24 -50.23 | 243.91 20.71 -68.63 | 253.00 20.78 -78.28 | 226.09 17.91 -74.54 | 170.90 15.47 -39.94 | 128.95 14.49 -3.85 | 118.97 12.84 0.01 | 95.04 9.50 0.01 | 83.15 8.51 0.00 | 75.14 6.95 -0.01 |
| AST_ENERGY_2_CC3 323677 | 54.53 5.23 0.00 | 48.79 4.33 -1.63 | 47.18 3.94 0.00 | 45.80 3.86 0.00 | 45.14 3.65 0.00 | 44.30 3.47 0.00 | 48.28 4.55 0.00 | 63.72 6.21 0.00 | 74.75 7.41 0.00 | 86.95 9.11 0.00 | 104.57 11.04 0.00 | 131.56 14.28 -9.87 | 160.49 16.92 -19.15 | 188.15 20.32 -19.53 | 222.92 20.54 -50.23 | 244.23 21.02 -68.64 | 253.32 21.09 -78.29 | 226.36 18.18 -74.54 | 171.13 15.71 -39.95 | 129.18 14.71 -3.86 | 119.08 12.95 0.00 | 95.22 9.67 0.00 | 82.93 8.29 0.00 | 74.79 6.61 0.00 |
| AST_ENERGY_2_CC4 323678 | 54.53 5.23 0.00 | 48.79 4.33 -1.63 | 47.18 3.94 0.00 | 45.80 3.86 0.00 | 45.14 3.65 0.00 | 44.30 3.47 0.00 | 48.28 4.55 0.00 | 63.72 6.21 0.00 | 74.75 7.41 0.00 | 86.95 9.11 0.00 | 104.57 11.04 0.00 | 131.56 14.28 -9.87 | 160.49 16.92 -19.15 | 188.15 20.32 -19.53 | 222.92 20.54 -50.23 | 244.23 21.02 -68.64 | 253.32 21.09 -78.29 | 226.36 18.18 -74.54 | 171.13 15.71 -39.95 | 129.18 14.71 -3.86 | 119.08 12.95 0.00 | 95.22 9.67 0.00 | 82.93 8.29 0.00 | 74.79 6.61 0.00 |
| ATHENS_STG_1 23668 | 52.21 2.91 0.00 | 47.24 2.61 -1.79 | 45.79 2.55 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.95 2.12 0.00 | 46.36 2.62 0.00 | 60.96 3.45 0.00 | 71.32 3.97 0.00 | 82.90 5.06 0.00 | 99.90 6.36 0.00 | 126.35 8.06 -10.89 | 141.36 9.33 -7.61 | 159.61 10.97 -0.34 | 142.02 11.26 21.39 | 136.75 11.44 29.27 | 131.95 11.39 33.38 | 111.88 10.02 31.79 | 120.00 8.78 4.25 | 123.16 8.30 -4.25 | 113.56 7.43 0.00 | 90.86 5.30 0.00 | 79.04 4.40 0.00 | 71.72 3.55 0.00 |
| ATHENS_STG_2 23670 | 52.21 2.91 0.00 | 47.24 2.61 -1.79 | 45.79 2.55 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.95 2.12 0.00 | 46.36 2.62 0.00 | 60.96 3.45 0.00 | 71.32 3.97 0.00 | 82.90 5.06 0.00 | 99.90 6.36 0.00 | 126.35 8.06 -10.89 | 141.36 9.33 -7.61 | 159.61 10.97 -0.34 | 142.02 11.26 21.39 | 136.75 11.44 29.27 | 131.95 11.39 33.38 | 111.88 10.02 31.79 | 120.00 8.78 4.25 | 123.16 8.30 -4.25 | 113.56 7.43 0.00 | 90.86 5.30 0.00 | 79.04 4.40 0.00 | 71.72 3.55 0.00 |
| ATHENS_STG_3 23677 | 52.21 2.91 0.00 | 47.24 2.61 -1.79 | 45.79 2.55 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.95 2.12 0.00 | 46.36 2.62 0.00 | 60.96 3.45 0.00 | 71.32 3.97 0.00 | 82.90 5.06 0.00 | 99.90 6.36 0.00 | 126.35 8.06 -10.89 | 141.36 9.33 -7.61 | 159.61 10.97 -0.34 | 142.02 11.26 21.39 | 136.75 11.44 29.27 | 131.95 11.39 33.38 | 111.88 10.02 31.79 | 120.00 8.78 4.25 | 123.16 8.30 -4.25 | 113.56 7.43 0.00 | 90.86 5.30 0.00 | 79.04 4.40 0.00 | 71.72 3.55 0.00 |
| BARRETT_IC_1 23704 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_10 23701 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_11 23702 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_12 23703 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_2 23705 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_3 23706 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_4 23707 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_5 23708 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| BARRETT_IC_6 23709 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_7 23710 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_8 23711 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT_IC_9 23700 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT___1 23545 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BARRETT___2 23546 | 88.64 5.97 -33.37 | 85.07 5.01 -37.22 | 78.13 4.67 -30.22 | 64.31 4.57 -17.79 | 64.27 4.36 -18.43 | 68.79 4.21 -23.76 | 82.83 5.29 -33.80 | 88.88 7.02 -24.36 | 95.24 8.22 -19.68 | 111.21 9.89 -23.48 | 142.61 12.07 -37.01 | 156.92 14.61 -34.91 | 194.77 16.92 -53.43 | 294.96 19.58 -127.09 | 369.98 20.54 -197.29 | 393.74 21.02 -218.15 | 393.92 21.09 -218.89 | 317.77 18.04 -166.09 | 290.07 15.24 -159.35 | 183.16 14.93 -57.62 | 158.99 13.59 -39.27 | 147.57 10.61 -51.41 | 113.16 9.03 -29.49 | 148.01 7.57 -72.26 |
| BEACON___LESR 323632 | 52.46 3.16 0.00 | 47.86 3.00 -2.03 | 46.05 2.81 0.00 | 44.58 2.64 0.00 | 44.10 2.61 0.00 | 43.28 2.45 0.00 | 46.79 3.06 0.00 | 60.84 3.34 0.00 | 70.57 3.23 0.00 | 82.90 5.06 0.00 | 99.80 6.27 0.00 | 128.44 8.59 -12.44 | 155.02 10.08 -20.53 | 172.13 12.16 -11.67 | 167.11 12.78 -2.18 | 170.48 12.98 -2.93 | 169.90 12.62 -3.34 | 148.05 11.23 -3.18 | 137.06 9.70 -11.88 | 124.43 8.96 -4.86 | 113.46 7.32 0.00 | 90.86 5.30 0.00 | 78.22 3.58 0.00 | 71.18 3.00 0.00 |
| BEAVER RIVER___HYD 24048 | 51.13 1.82 0.00 | 44.29 1.41 -0.04 | 44.67 1.43 0.00 | 43.37 1.43 0.00 | 42.94 1.45 0.00 | 42.46 1.63 0.00 | 45.44 1.71 0.00 | 60.04 2.53 0.00 | 70.51 3.17 0.00 | 79.48 1.63 0.00 | 95.78 2.24 0.00 | 109.03 1.40 -0.23 | 124.34 2.12 2.19 | 150.06 2.97 1.20 | 155.03 2.89 0.00 | 157.36 2.78 0.00 | 157.02 3.08 0.00 | 135.11 1.47 0.00 | 116.13 0.46 -0.19 | 111.47 0.77 -0.09 | 108.68 2.55 0.00 | 88.03 2.48 0.00 | 77.55 2.91 0.00 | 71.72 3.55 0.00 |
| BEEBEE_GT_13 23619 | 49.55 0.25 0.00 | 42.56 -0.47 -0.20 | 42.34 -0.91 0.00 | 41.31 -0.63 0.00 | 41.03 -0.46 0.00 | 40.95 0.12 0.00 | 44.00 0.26 0.00 | 58.66 1.15 0.00 | 70.17 2.83 0.00 | 80.10 2.26 0.00 | 97.46 3.93 0.00 | 113.49 4.94 -1.15 | 131.39 6.97 0.00 | 155.86 7.56 0.00 | 159.30 7.15 0.00 | 163.23 8.66 0.00 | 161.79 7.85 0.00 | 140.06 6.41 0.00 | 121.18 4.73 -0.97 | 114.38 3.32 -0.45 | 109.21 3.08 0.00 | 88.03 2.48 0.00 | 76.43 1.79 0.00 | 69.20 1.02 0.00 |
| BETHLEHEM___GRP 23843 | 51.72 2.42 0.00 | 47.27 2.40 -2.03 | 45.49 2.25 0.00 | 44.08 2.14 0.00 | 43.60 2.12 0.00 | 42.75 1.92 0.00 | 46.09 2.36 0.00 | 59.69 2.19 0.00 | 69.16 1.82 0.00 | 81.03 3.19 0.00 | 97.56 4.02 0.00 | 125.48 5.59 -12.49 | 151.29 6.59 -20.28 | 167.30 7.86 -11.15 | 160.25 8.06 -0.04 | 162.61 8.04 0.00 | 161.64 7.70 0.00 | 140.59 6.95 0.00 | 132.05 6.00 -10.57 | 121.02 5.53 -4.88 | 110.48 4.35 0.00 | 88.55 2.99 0.00 | 76.58 1.94 0.00 | 69.75 1.57 0.00 |
| BETHLEHEM___GS1 323560 | 51.72 2.42 0.00 | 47.27 2.40 -2.03 | 45.49 2.25 0.00 | 44.08 2.14 0.00 | 43.60 2.12 0.00 | 42.75 1.92 0.00 | 46.09 2.36 0.00 | 59.69 2.19 0.00 | 69.16 1.82 0.00 | 81.03 3.19 0.00 | 97.56 4.02 0.00 | 125.48 5.59 -12.49 | 151.29 6.59 -20.28 | 167.30 7.86 -11.15 | 160.25 8.06 -0.04 | 162.61 8.04 0.00 | 161.64 7.70 0.00 | 140.59 6.95 0.00 | 132.05 6.00 -10.57 | 121.02 5.53 -4.88 | 110.48 4.35 0.00 | 88.55 2.99 0.00 | 76.58 1.94 0.00 | 69.75 1.57 0.00 |
| BETHLEHEM___GS2 323561 | 51.72 2.42 0.00 | 47.27 2.40 -2.03 | 45.49 2.25 0.00 | 44.08 2.14 0.00 | 43.60 2.12 0.00 | 42.75 1.92 0.00 | 46.09 2.36 0.00 | 59.69 2.19 0.00 | 69.16 1.82 0.00 | 81.03 3.19 0.00 | 97.56 4.02 0.00 | 125.48 5.59 -12.49 | 151.29 6.59 -20.28 | 167.30 7.86 -11.15 | 160.25 8.06 -0.04 | 162.61 8.04 0.00 | 161.64 7.70 0.00 | 140.59 6.95 0.00 | 132.05 6.00 -10.57 | 121.02 5.53 -4.88 | 110.48 4.35 0.00 | 88.55 2.99 0.00 | 76.58 1.94 0.00 | 69.75 1.57 0.00 |
| BETHLEHEM___GS3 323562 | 51.72 2.42 0.00 | 47.27 2.40 -2.03 | 45.49 2.25 0.00 | 44.08 2.14 0.00 | 43.60 2.12 0.00 | 42.75 1.92 0.00 | 46.09 2.36 0.00 | 59.69 2.19 0.00 | 69.16 1.82 0.00 | 81.03 3.19 0.00 | 97.56 4.02 0.00 | 125.48 5.59 -12.49 | 151.29 6.59 -20.28 | 167.30 7.86 -11.15 | 160.25 8.06 -0.04 | 162.61 8.04 0.00 | 161.64 7.70 0.00 | 140.59 6.95 0.00 | 132.05 6.00 -10.57 | 121.02 5.53 -4.88 | 110.48 4.35 0.00 | 88.55 2.99 0.00 | 76.58 1.94 0.00 | 69.75 1.57 0.00 |
| BETHLEHEM___STEEL 23779 | 46.74 -2.56 0.00 | 40.37 -2.74 -0.27 | 40.35 -2.90 0.00 | 39.30 -2.64 0.00 | 39.20 -2.28 0.00 | 39.03 -1.80 0.00 | 41.59 -2.14 0.00 | 54.92 -2.59 0.00 | 66.20 -1.14 0.00 | 74.57 -3.27 0.00 | 89.42 -4.12 0.00 | 104.17 -4.83 -1.59 | 121.98 -4.35 -1.92 | 143.12 -6.23 -1.06 | 146.52 -5.63 0.00 | 151.17 -3.40 0.00 | 150.09 -3.85 0.00 | 130.03 -3.61 0.00 | 112.90 -3.93 -1.35 | 105.81 -5.42 -0.62 | 101.57 -4.56 0.00 | 81.79 -3.76 0.00 | 71.88 -2.76 0.00 | 64.91 -3.27 0.00 |
| BETHPAGE_CC_5 323564 | 87.32 5.77 -32.24 | 83.87 5.01 -36.02 | 77.15 4.71 -29.19 | 63.70 4.57 -17.19 | 63.64 4.36 -17.80 | 68.03 4.25 -22.95 | 81.73 5.34 -32.66 | 89.06 7.19 -24.36 | 95.58 8.55 -19.68 | 111.75 10.43 -23.48 | 143.08 12.53 -37.01 | 158.32 16.00 -34.91 | 196.76 18.91 -53.43 | 297.63 22.24 -127.09 | 372.57 23.13 -197.29 | 396.37 23.65 -218.15 | 396.38 23.55 -218.89 | 320.18 20.45 -166.09 | 292.26 17.44 -159.35 | 184.71 16.48 -57.62 | 160.26 14.86 -39.27 | 148.00 11.04 -51.41 | 113.61 9.48 -29.49 | 101.59 7.36 -26.04 |
| BINGHAMTON___COGEN 23790 | 49.99 0.69 0.00 | 43.87 0.47 -0.56 | 43.63 0.39 0.00 | 42.32 0.38 0.00 | 41.94 0.46 0.00 | 41.36 0.53 0.00 | 44.56 0.83 0.00 | 59.00 1.50 0.00 | 69.77 2.42 0.00 | 80.57 2.72 0.00 | 96.81 3.27 0.00 | 114.71 4.08 -3.23 | 133.80 4.85 -4.53 | 156.57 5.78 -2.49 | 158.24 6.09 -0.01 | 161.53 6.96 0.00 | 160.87 6.93 0.00 | 139.52 5.88 0.00 | 122.83 4.62 -2.73 | 115.85 3.98 -1.26 | 110.06 3.93 0.00 | 88.46 2.91 0.00 | 77.03 2.39 0.00 | 69.61 1.43 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| BLACK RIVER___HYD 24047 | 52.11 2.81 0.00 | 45.13 2.23 -0.07 | 45.45 2.21 0.00 | 44.12 2.18 0.00 | 43.72 2.24 0.00 | 43.28 2.45 0.00 | 46.36 2.62 0.00 | 61.53 4.03 0.00 | 72.33 4.98 0.00 | 81.19 3.35 0.00 | 97.93 4.40 0.00 | 111.78 3.97 -0.40 | 129.77 5.35 0.00 | 155.12 6.82 0.00 | 158.84 6.69 0.00 | 161.68 7.11 0.00 | 161.49 7.54 0.00 | 138.45 4.81 0.00 | 118.82 3.00 -0.34 | 114.09 3.32 -0.16 | 111.44 5.31 0.00 | 89.83 4.28 0.00 | 79.19 4.55 0.00 | 73.43 5.25 0.00 |
| BLISS_WT_PWR 323608 | 48.47 -0.84 0.00 | 41.71 -1.41 -0.29 | 41.60 -1.64 0.00 | 40.47 -1.47 0.00 | 40.45 -1.04 0.00 | 40.42 -0.41 0.00 | 43.47 -0.26 0.00 | 58.43 0.92 0.00 | 71.65 4.31 0.00 | 79.55 1.71 0.00 | 95.87 2.34 0.00 | 111.44 2.36 -1.67 | 130.31 3.86 -2.03 | 153.71 4.30 -1.12 | 157.17 5.02 0.00 | 161.68 7.11 0.00 | 160.56 6.62 0.00 | 138.32 4.68 0.00 | 119.66 2.77 -1.41 | 112.04 0.77 -0.65 | 107.62 1.49 0.00 | 86.24 0.68 0.00 | 75.76 1.12 0.00 | 67.70 -0.48 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 51.57 2.27 0.00 | 47.04 2.18 -2.01 | 45.32 2.08 0.00 | 43.96 2.01 0.00 | 43.43 1.95 0.00 | 42.54 1.71 0.00 | 45.83 2.10 0.00 | 59.92 2.42 0.00 | 69.90 2.56 0.00 | 81.50 3.66 0.00 | 98.12 4.58 0.00 | 125.88 6.12 -12.35 | 150.30 7.09 -18.79 | 166.93 8.30 -10.33 | 160.55 8.37 -0.04 | 163.07 8.50 0.00 | 162.41 8.47 0.00 | 141.13 7.48 0.00 | 132.52 6.58 -10.46 | 121.74 6.30 -4.82 | 111.44 5.31 0.00 | 89.32 3.76 0.00 | 77.48 2.84 0.00 | 70.56 2.39 0.00 |
| BOC_GAS_DRP 24189 | 51.33 2.02 0.00 | 46.88 2.01 -2.03 | 45.19 1.95 0.00 | 43.83 1.89 0.00 | 43.31 1.83 0.00 | 42.42 1.59 0.00 | 45.70 1.97 0.00 | 59.75 2.24 0.00 | 69.63 2.29 0.00 | 81.11 3.27 0.00 | 97.65 4.12 0.00 | 125.14 5.26 -12.47 | 149.70 6.10 -19.18 | 166.11 7.27 -10.54 | 159.49 7.30 -0.04 | 161.99 7.42 0.00 | 161.18 7.24 0.00 | 140.06 6.41 0.00 | 131.70 5.66 -10.56 | 120.90 5.42 -4.87 | 110.70 4.56 0.00 | 88.80 3.25 0.00 | 77.10 2.46 0.00 | 70.16 1.98 0.00 |
| BORALEX_4TH_BRANCH 23824 | 52.85 3.55 0.00 | 48.34 3.47 -2.03 | 46.40 3.16 0.00 | 44.96 3.02 0.00 | 44.43 2.95 0.00 | 43.65 2.82 0.00 | 47.32 3.59 0.00 | 61.71 4.20 0.00 | 71.79 4.44 0.00 | 83.99 6.15 0.00 | 101.49 7.95 0.00 | 129.53 9.67 -12.46 | 157.73 11.07 -22.24 | 174.73 13.20 -13.23 | 171.35 13.54 -5.66 | 175.39 13.14 -7.68 | 175.33 12.62 -8.76 | 153.61 11.63 -8.34 | 139.61 10.05 -14.08 | 125.10 9.62 -4.86 | 114.62 8.49 0.00 | 91.45 5.90 0.00 | 79.04 4.40 0.00 | 72.06 3.89 0.00 |
| BOWLINE___1 23526 | 53.74 4.44 0.00 | 48.11 3.68 -1.59 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.77 2.94 0.00 | 47.67 3.94 0.00 | 62.74 5.23 0.00 | 73.54 6.20 0.00 | 85.78 7.94 0.00 | 103.36 9.82 0.00 | 130.04 13.00 -9.64 | 158.12 15.30 -18.40 | 185.37 18.54 -18.54 | 217.96 18.87 -46.95 | 238.19 19.48 -64.14 | 246.50 19.40 -73.16 | 220.15 16.84 -69.67 | 167.83 14.67 -37.68 | 127.98 13.61 -3.76 | 118.13 11.99 0.00 | 94.19 8.64 0.00 | 81.81 7.17 0.00 | 73.77 5.59 0.00 |
| BOWLINE___2 23595 | 53.74 4.44 0.00 | 48.11 3.68 -1.59 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.77 2.94 0.00 | 47.67 3.94 0.00 | 62.80 5.29 0.00 | 73.61 6.26 0.00 | 85.78 7.94 0.00 | 103.45 9.91 0.00 | 130.14 13.10 -9.64 | 158.25 15.43 -18.40 | 185.37 18.54 -18.54 | 218.28 19.17 -46.96 | 238.37 19.63 -64.16 | 246.83 19.70 -73.19 | 220.44 17.11 -69.69 | 167.84 14.67 -37.69 | 128.09 13.72 -3.76 | 118.23 12.10 0.00 | 94.28 8.73 0.00 | 81.88 7.24 0.00 | 73.84 5.66 0.00 |
| BROOKHAVEN___DRP 24191 | 87.97 5.62 -33.04 | 84.29 4.58 -36.87 | 77.40 4.24 -29.92 | 63.75 4.19 -17.61 | 63.75 4.02 -18.24 | 68.23 3.88 -23.52 | 82.10 4.90 -33.47 | 89.23 7.36 -24.36 | 95.85 8.82 -19.68 | 111.91 10.59 -23.48 | 143.45 12.91 -37.01 | 159.07 16.76 -34.91 | 197.88 20.03 -53.43 | 297.48 22.10 -127.09 | 372.26 22.82 -197.29 | 396.06 23.34 -218.15 | 396.23 23.40 -218.89 | 320.04 20.31 -166.09 | 292.26 17.44 -159.35 | 186.48 18.25 -57.62 | 161.64 16.24 -39.27 | 149.11 12.15 -51.41 | 114.36 10.23 -29.49 | 98.91 7.50 -23.23 |
| BROOKLYN_NAVY_YARD 23515 | 54.58 5.28 0.00 | 48.88 4.41 -1.63 | 47.22 3.98 0.00 | 45.84 3.90 0.00 | 45.18 3.69 0.00 | 44.34 3.51 0.00 | 48.24 4.50 0.00 | 63.84 6.33 0.00 | 74.75 7.41 0.00 | 87.03 9.19 0.00 | 96.54 10.85 7.84 | 109.32 13.96 12.05 | 123.18 16.67 17.91 | 151.24 19.87 16.93 | 154.79 20.24 17.59 | 163.07 20.71 12.22 | 167.38 20.78 7.34 | 154.66 17.91 -3.11 | 170.90 15.47 -39.95 | 129.07 14.60 -3.86 | 118.98 12.84 0.00 | 95.30 9.75 0.00 | 82.85 8.21 0.00 | 74.79 6.61 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| BROOME___LFGE 323600 | 49.99 0.69 0.00 | 43.87 0.47 -0.56 | 43.63 0.39 0.00 | 42.32 0.38 0.00 | 41.94 0.46 0.00 | 41.36 0.53 0.00 | 44.56 0.83 0.00 | 59.00 1.50 0.00 | 69.77 2.42 0.00 | 80.57 2.72 0.00 | 96.81 3.27 0.00 | 114.71 4.08 -3.23 | 133.80 4.85 -4.53 | 156.57 5.78 -2.49 | 158.24 6.09 -0.01 | 161.53 6.96 0.00 | 160.87 6.93 0.00 | 139.52 5.88 0.00 | 122.83 4.62 -2.73 | 115.85 3.98 -1.26 | 110.06 3.93 0.00 | 88.46 2.91 0.00 | 77.03 2.39 0.00 | 69.61 1.43 0.00 |
| BURROWS___LYONSDAL 23803 | 51.18 1.87 0.00 | 44.38 1.54 0.00 | 44.76 1.51 0.00 | 43.45 1.51 0.00 | 43.02 1.53 0.00 | 42.46 1.63 0.00 | 45.53 1.79 0.00 | 60.21 2.70 0.00 | 70.78 3.43 0.00 | 80.57 2.72 0.00 | 97.18 3.65 0.00 | 110.84 3.44 0.00 | 125.92 4.48 2.97 | 152.45 5.78 1.63 | 157.92 5.78 0.01 | 160.60 6.03 0.00 | 160.25 6.31 0.00 | 137.92 4.28 0.00 | 118.37 2.89 0.00 | 113.49 2.88 0.00 | 110.38 4.25 0.00 | 88.97 3.42 0.00 | 78.15 3.51 0.00 | 71.72 3.55 0.00 |
| CAITHNESS_CC_1 323624 | 87.92 5.57 -33.04 | 84.30 4.58 -36.87 | 77.40 4.24 -29.92 | 63.75 4.19 -17.61 | 63.75 4.02 -18.24 | 68.23 3.88 -23.52 | 82.06 4.85 -33.47 | 89.17 7.30 -24.36 | 95.71 8.69 -19.68 | 111.75 10.43 -23.48 | 143.17 12.63 -37.01 | 158.75 16.43 -34.91 | 197.51 19.66 -53.43 | 297.18 21.80 -127.09 | 372.11 22.67 -197.29 | 395.91 23.19 -218.15 | 396.08 23.25 -218.89 | 319.91 20.18 -166.09 | 292.03 17.21 -159.35 | 185.93 17.70 -57.62 | 161.22 15.81 -39.27 | 148.77 11.81 -51.41 | 114.13 10.00 -29.49 | 98.77 7.36 -23.22 |
| CALPINE_BETH_PAGE_GT4 24209 | 86.93 5.77 -31.86 | 83.42 4.97 -35.61 | 76.80 4.71 -28.85 | 63.50 4.57 -16.98 | 63.43 4.36 -17.59 | 67.76 4.25 -22.68 | 81.30 5.29 -32.27 | 89.00 7.13 -24.36 | 95.58 8.55 -19.68 | 111.75 10.43 -23.48 | 143.17 12.63 -37.01 | 158.53 16.22 -34.91 | 197.01 19.16 -53.43 | 297.92 22.54 -127.09 | 372.87 23.43 -197.29 | 396.84 24.11 -218.15 | 396.84 24.01 -218.89 | 320.58 20.85 -166.09 | 292.49 17.67 -159.35 | 184.93 16.70 -57.62 | 160.48 15.07 -39.27 | 148.09 11.12 -51.41 | 113.68 9.55 -29.49 | 102.46 7.43 -26.85 |
| CALPINE_BETH_PAGE_GT_4 323586 | 86.93 5.77 -31.86 | 83.42 4.97 -35.61 | 76.80 4.71 -28.85 | 63.50 4.57 -16.98 | 63.43 4.36 -17.59 | 67.76 4.25 -22.68 | 81.30 5.29 -32.27 | 89.00 7.13 -24.36 | 95.58 8.55 -19.68 | 111.75 10.43 -23.48 | 143.17 12.63 -37.01 | 158.53 16.22 -34.91 | 197.01 19.16 -53.43 | 297.92 22.54 -127.09 | 372.87 23.43 -197.29 | 396.84 24.11 -218.15 | 396.84 24.01 -218.89 | 320.58 20.85 -166.09 | 292.49 17.67 -159.35 | 184.93 16.70 -57.62 | 160.48 15.07 -39.27 | 148.09 11.12 -51.41 | 113.68 9.55 -29.49 | 102.46 7.43 -26.85 |
| CALPINE_BP_GT1 23823 | 86.93 5.77 -31.86 | 83.42 4.97 -35.61 | 76.80 4.71 -28.85 | 63.50 4.57 -16.98 | 63.43 4.36 -17.59 | 67.76 4.25 -22.68 | 81.30 5.29 -32.27 | 89.00 7.13 -24.36 | 95.58 8.55 -19.68 | 111.75 10.43 -23.48 | 143.17 12.63 -37.01 | 158.53 16.22 -34.91 | 197.01 19.16 -53.43 | 297.92 22.54 -127.09 | 372.87 23.43 -197.29 | 396.84 24.11 -218.15 | 396.84 24.01 -218.89 | 320.58 20.85 -166.09 | 292.49 17.67 -159.35 | 184.93 16.70 -57.62 | 160.48 15.07 -39.27 | 148.09 11.12 -51.41 | 113.68 9.55 -29.49 | 102.46 7.43 -26.85 |

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| CALSPAN___DRP 24200 | 46.74 -2.56 0.00 | 40.37 -2.74 -0.27 | 40.35 -2.90 0.00 | 39.30 -2.64 0.00 | 39.20 -2.28 0.00 | 39.03 -1.80 0.00 | 41.59 -2.14 0.00 | 54.92 -2.59 0.00 | 66.20 -1.14 0.00 | 74.57 -3.27 0.00 | 89.42 -4.12 0.00 | 104.17 -4.83 -1.59 | 121.98 -4.35 -1.92 | 143.12 -6.23 -1.06 | 146.52 -5.63 0.00 | 151.17 -3.40 0.00 | 150.09 -3.85 0.00 | 130.03 -3.61 0.00 | 112.90 -3.93 -1.35 | 105.81 -5.42 -0.62 | 101.57 -4.56 0.00 | 81.79 -3.76 0.00 | 71.88 -2.76 0.00 | 64.91 -3.27 0.00 |
| CANDIGU_WT_PWR 323617 | 48.91 -0.39 0.00 | 42.48 -0.73 -0.37 | 42.38 -0.86 0.00 | 41.19 -0.75 0.00 | 40.99 -0.50 0.00 | 40.67 -0.16 0.00 | 43.73 0.00 0.00 | 58.08 0.58 0.00 | 69.43 2.09 0.00 | 79.24 1.40 0.00 | 95.03 1.50 0.00 | 111.60 2.04 -2.16 | 130.18 2.99 -2.78 | 153.38 3.56 -1.53 | 156.41 4.26 -0.01 | 160.45 5.87 0.00 | 159.79 5.85 0.00 | 138.45 4.81 0.00 | 120.19 2.89 -1.83 | 113.11 1.66 -0.84 | 108.15 2.02 0.00 | 86.92 1.37 0.00 | 75.76 1.12 0.00 | 68.04 -0.14 0.00 |
| CARR STREET_E_SYR 24060 | 49.25 -0.05 0.00 | 42.85 -0.13 -0.14 | 42.98 -0.26 0.00 | 41.69 -0.25 0.00 | 41.32 -0.17 0.00 | 40.75 -0.08 0.00 | 43.73 0.00 0.00 | 57.85 0.35 0.00 | 67.81 0.47 0.00 | 77.92 0.08 0.00 | 93.35 -0.19 0.00 | 108.01 -0.21 -0.82 | 124.54 0.12 0.00 | 148.74 0.44 0.00 | 152.45 0.30 0.00 | 155.50 0.93 0.00 | 154.87 0.92 0.00 | 134.18 0.53 0.00 | 115.94 -0.23 -0.70 | 110.71 -0.22 -0.32 | 106.24 0.11 0.00 | 85.55 0.00 0.00 | 74.86 0.22 0.00 | 68.31 0.14 0.00 |
| CARTHAGE___PAPER 23857 | 51.72 2.42 0.00 | 44.83 1.93 -0.06 | 45.15 1.90 0.00 | 43.83 1.89 0.00 | 43.43 1.95 0.00 | 42.99 2.16 0.00 | 46.01 2.27 0.00 | 60.96 3.45 0.00 | 71.65 4.31 0.00 | 79.71 1.87 0.00 | 96.06 2.53 0.00 | 109.48 1.72 -0.35 | 125.46 2.61 1.57 | 151.14 3.71 0.86 | 155.64 3.50 0.00 | 158.13 3.56 0.00 | 157.94 4.00 0.00 | 135.65 2.00 0.00 | 116.47 0.69 -0.30 | 111.86 1.11 -0.14 | 109.21 3.08 0.00 | 88.20 2.65 0.00 | 77.78 3.13 0.00 | 72.81 4.64 0.00 |
| CE_DUNWOOD___DRP 24194 | 54.14 4.83 0.00 | 48.49 4.03 -1.62 | 46.92 3.68 0.00 | 45.51 3.57 0.00 | 44.89 3.40 0.00 | 44.05 3.23 0.00 | 47.97 4.24 0.00 | 63.26 5.75 0.00 | 74.21 6.87 0.00 | 86.40 8.56 0.00 | 104.11 10.57 0.00 | 131.01 13.75 -9.86 | 159.85 16.30 -19.13 | 187.39 19.58 -19.52 | 222.44 20.08 -50.21 | 243.73 20.56 -68.60 | 252.82 20.63 -78.25 | 225.93 17.77 -74.51 | 170.64 15.24 -39.92 | 128.73 14.27 -3.85 | 118.76 12.63 0.00 | 94.79 9.24 0.00 | 82.40 7.76 0.00 | 74.38 6.20 0.00 |
| CE_MILLWOOD___DRP 24193 | 53.94 4.63 0.00 | 48.31 3.86 -1.62 | 46.79 3.55 0.00 | 45.38 3.44 0.00 | 44.76 3.28 0.00 | 43.93 3.10 0.00 | 47.80 4.07 0.00 | 63.09 5.58 0.00 | 73.94 6.60 0.00 | 86.09 8.25 0.00 | 103.73 10.20 0.00 | 130.55 13.32 -9.83 | 159.28 15.80 -19.06 | 186.72 18.98 -19.44 | 221.58 19.47 -49.96 | 242.93 20.09 -68.26 | 251.81 20.01 -77.86 | 225.15 17.37 -74.14 | 170.11 14.90 -39.74 | 128.39 13.94 -3.84 | 118.44 12.31 0.00 | 94.53 8.98 0.00 | 82.18 7.54 0.00 | 74.18 6.00 0.00 |
| CE_NYC2_DRP 24202 | 73.29 5.47 -18.51 | 72.59 4.54 -25.21 | 70.24 4.15 -22.85 | 70.24 4.07 -24.23 | 70.24 3.86 -24.90 | 72.30 3.67 -27.80 | 73.60 4.77 -25.10 | 74.71 6.56 -10.64 | 75.58 7.81 -0.43 | 87.26 9.42 0.00 | 104.76 11.22 0.00 | 131.67 14.39 -9.87 | 160.73 17.17 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.23 21.02 -68.64 | 253.32 21.09 -78.29 | 226.36 18.18 -74.54 | 171.13 15.71 -39.95 | 129.18 14.71 -3.86 | 119.19 13.05 0.00 | 95.22 9.67 0.00 | 83.30 8.66 0.00 | 75.21 7.02 -0.01 |
| CE_NYC_DRP 24195 | 54.63 5.32 0.00 | 48.88 4.41 -1.63 | 47.26 4.02 0.00 | 45.89 3.94 0.00 | 45.22 3.73 0.00 | 44.38 3.55 0.00 | 48.37 4.64 0.00 | 63.89 6.38 0.00 | 75.02 7.68 0.00 | 87.26 9.42 0.00 | 104.95 11.41 0.00 | 131.99 14.71 -9.87 | 161.11 17.54 -19.15 | 188.74 20.91 -19.53 | 223.68 21.30 -50.23 | 245.00 21.79 -68.64 | 254.09 21.86 -78.29 | 227.03 18.84 -74.54 | 171.71 16.28 -39.95 | 129.62 15.15 -3.86 | 119.51 13.37 0.00 | 95.56 10.01 0.00 | 83.15 8.51 0.00 | 75.00 6.82 0.00 |
| CHAFFEE___LFGE 323603 | 47.73 -1.58 0.00 | 41.10 -2.01 -0.28 | 40.99 -2.25 0.00 | 39.93 -2.01 0.00 | 39.87 -1.62 0.00 | 39.77 -1.06 0.00 | 42.55 -1.18 0.00 | 56.88 -0.63 0.00 | 69.23 1.89 0.00 | 77.53 -0.31 0.00 | 93.26 -0.28 0.00 | 108.50 -0.54 -1.63 | 127.14 0.75 -1.98 | 149.68 0.30 -1.09 | 153.22 1.07 0.00 | 157.82 3.25 0.00 | 156.71 2.77 0.00 | 135.38 1.74 0.00 | 117.32 0.46 -1.38 | 109.92 -1.33 -0.64 | 105.50 -0.64 0.00 | 84.78 -0.77 0.00 | 74.42 -0.22 0.00 | 66.75 -1.43 0.00 |
| CHATEAUG_WT_PWR 323614 | 48.51 -0.79 0.00 | 42.02 -0.81 0.00 | 42.59 -0.65 0.00 | 41.31 -0.63 0.00 | 40.82 -0.66 0.00 | 40.42 -0.41 0.00 | 43.03 -0.70 0.00 | 56.59 -0.92 0.00 | 66.33 -1.01 0.00 | 76.44 -1.40 0.00 | 91.85 -1.68 0.00 | 102.79 -4.62 0.00 | 114.76 -7.09 2.56 | 138.58 -8.30 1.41 | 144.23 -7.91 0.00 | 145.14 -9.43 0.00 | 144.71 -9.24 0.00 | 125.89 -7.75 0.00 | 109.13 -6.35 0.00 | 104.42 -6.19 0.00 | 101.78 -4.35 0.00 | 84.10 -1.45 0.00 | 73.52 -1.12 0.00 | 67.22 -0.95 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 48.02 -1.28 0.00 | 41.60 -1.24 0.00 | 42.21 -1.04 0.00 | 40.89 -1.05 0.00 | 40.41 -1.08 0.00 | 40.01 -0.82 0.00 | 42.60 -1.14 0.00 | 56.01 -1.50 0.00 | 65.73 -1.62 0.00 | 75.66 -2.18 0.00 | 90.92 -2.62 0.00 | 101.93 -5.48 0.00 | 114.15 -7.71 2.55 | 137.85 -9.05 1.40 | 143.62 -8.52 0.00 | 144.37 -10.20 0.00 | 143.94 -10.01 0.00 | 125.22 -8.42 0.00 | 108.55 -6.93 0.00 | 103.86 -6.75 0.00 | 101.04 -5.09 0.00 | 83.33 -2.22 0.00 | 72.77 -1.87 0.00 | 66.54 -1.64 0.00 |
| CHAUTAUQUA___LFGE 323629 | 45.31 -3.99 0.00 | 39.11 -4.03 -0.30 | 39.14 -4.11 0.00 | 38.21 -3.73 0.00 | 38.21 -3.28 0.00 | 38.05 -2.78 0.00 | 40.54 -3.19 0.00 | 53.77 -3.74 0.00 | 65.32 -2.02 0.00 | 74.18 -3.66 0.00 | 89.23 -4.30 0.00 | 104.44 -4.73 -1.76 | 121.98 -4.60 -2.17 | 143.85 -5.64 -1.19 | 147.28 -4.87 0.00 | 151.64 -2.94 0.00 | 150.71 -3.23 0.00 | 130.44 -3.21 0.00 | 113.04 -3.93 -1.49 | 105.88 -5.42 -0.69 | 101.25 -4.88 0.00 | 81.27 -4.28 0.00 | 71.06 -3.58 0.00 | 63.61 -4.57 0.00 |
| CH_MIDHUDSON___DRP 24192 | 53.89 4.59 0.00 | 48.32 3.77 -1.71 | 46.75 3.50 0.00 | 45.34 3.40 0.00 | 44.76 3.28 0.00 | 43.93 3.10 0.00 | 47.67 3.94 0.00 | 62.92 5.41 0.00 | 73.74 6.40 0.00 | 85.94 8.10 0.00 | 103.54 10.01 0.00 | 130.83 13.00 -10.43 | 158.58 15.43 -18.74 | 183.67 18.39 -16.98 | 208.28 18.87 -37.27 | 224.81 19.32 -50.91 | 231.26 19.24 -58.07 | 205.78 16.84 -55.29 | 162.29 14.55 -32.26 | 128.29 13.61 -4.07 | 118.34 12.21 0.00 | 94.28 8.73 0.00 | 82.10 7.46 0.00 | 74.38 6.20 0.00 |
| CH_MISC_IPPS 23765 | 53.99 4.68 0.00 | 47.96 3.47 -1.65 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.85 3.02 0.00 | 47.45 3.72 0.00 | 62.51 5.00 0.00 | 73.34 5.99 0.00 | 85.47 7.63 0.00 | 102.61 9.07 0.00 | 129.81 12.35 -10.06 | 157.10 14.56 -18.12 | 182.42 17.20 -16.92 | 208.62 17.65 -38.82 | 225.85 18.24 -53.03 | 232.60 18.17 -60.49 | 207.15 15.90 -57.60 | 162.26 13.86 -32.93 | 127.59 13.05 -3.93 | 117.70 11.57 0.00 | 93.68 8.13 0.00 | 82.48 7.84 0.00 | 75.27 7.09 0.00 |
| CH_RES_BVR_FALLS 23983 | 48.71 -0.59 0.00 | 42.23 -0.51 0.09 | 42.72 -0.52 0.00 | 41.44 -0.50 0.00 | 40.99 -0.50 0.00 | 40.38 -0.45 0.00 | 43.12 -0.61 0.00 | 56.70 -0.81 0.00 | 66.40 -0.94 0.00 | 76.75 -1.09 0.00 | 91.48 -2.06 0.00 | 104.22 -2.69 0.50 | 112.87 -3.11 8.43 | 139.95 -3.71 4.63 | 148.48 -3.65 0.02 | 150.71 -3.86 0.00 | 150.09 -3.85 0.00 | 130.30 -3.34 0.00 | 112.17 -2.89 0.42 | 107.65 -2.77 0.20 | 103.69 -2.44 0.00 | 84.52 -1.03 0.00 | 73.82 -0.82 0.00 | 67.56 -0.61 0.00 |
| CH_RES_NIAGARA 23895 | 46.54 -2.76 0.00 | 40.26 -2.83 -0.25 | 40.26 -2.98 0.00 | 39.26 -2.68 0.00 | 39.16 -2.32 0.00 | 38.95 -1.88 0.00 | 41.33 -2.41 0.00 | 54.23 -3.28 0.00 | 64.99 -2.36 0.00 | 72.78 -5.06 0.00 | 86.89 -6.64 0.00 | 101.35 -7.52 -1.46 | 118.42 -7.71 -1.72 | 138.56 -10.68 -0.95 | 141.80 -10.35 0.00 | 146.54 -8.04 0.00 | 145.63 -8.31 0.00 | 126.16 -7.48 0.00 | 109.79 -6.93 -1.24 | 103.11 -8.07 -0.57 | 99.13 -7.00 0.00 | 80.08 -5.48 0.00 | 70.54 -4.11 0.00 | 64.16 -4.02 0.00 |

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| CH_RES_SYRACUSE 23985 | 49.30 0.00 0.00 | 42.91 -0.09 -0.16 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.79 -0.04 0.00 | 43.78 0.04 0.00 | 58.03 0.52 0.00 | 68.02 0.67 0.00 | 77.76 -0.08 0.00 | 92.88 -0.65 0.00 | 107.49 -0.86 -0.95 | 123.80 -0.62 0.00 | 148.00 -0.30 0.00 | 151.54 -0.61 0.00 | 154.57 0.00 0.00 | 154.10 0.15 0.00 | 133.64 0.00 0.00 | 115.59 -0.69 -0.80 | 110.32 -0.66 -0.37 | 105.92 -0.21 0.00 | 85.38 -0.17 0.00 | 74.79 0.15 0.00 | 68.66 0.48 0.00 |
| CLINTON_WT_PWR 323605 | 48.51 -0.79 0.00 | 42.02 -0.81 0.00 | 42.59 -0.65 0.00 | 41.31 -0.63 0.00 | 40.82 -0.66 0.00 | 40.42 -0.41 0.00 | 43.03 -0.70 0.00 | 56.59 -0.92 0.00 | 66.33 -1.01 0.00 | 76.44 -1.40 0.00 | 91.85 -1.68 0.00 | 102.79 -4.62 0.00 | 114.76 -7.09 2.56 | 138.58 -8.30 1.41 | 144.23 -7.91 0.00 | 145.14 -9.43 0.00 | 144.71 -9.24 0.00 | 125.89 -7.75 0.00 | 109.13 -6.35 0.00 | 104.42 -6.19 0.00 | 101.78 -4.35 0.00 | 84.10 -1.45 0.00 | 73.52 -1.12 0.00 | 67.22 -0.95 0.00 |
| CLINTON___LFGE 323618 | 49.06 -0.25 0.00 | 42.41 -0.43 0.00 | 43.03 -0.22 0.00 | 41.69 -0.25 0.00 | 41.19 -0.29 0.00 | 40.83 0.00 0.00 | 43.47 -0.26 0.00 | 57.16 -0.35 0.00 | 67.21 -0.13 0.00 | 77.37 -0.47 0.00 | 92.97 -0.56 0.00 | 103.11 -4.30 0.00 | 114.64 -7.22 2.56 | 138.29 -8.60 1.41 | 144.38 -7.76 0.00 | 144.83 -9.74 0.00 | 144.24 -9.70 0.00 | 125.62 -8.02 0.00 | 109.01 -6.47 0.00 | 104.09 -6.53 0.00 | 102.21 -3.93 0.00 | 85.12 -0.43 0.00 | 74.34 -0.30 0.00 | 67.97 -0.20 0.00 |
| COLONIE_LFGE___ 323577 | 52.95 3.65 0.00 | 48.39 3.51 -2.04 | 46.49 3.24 0.00 | 45.00 3.06 0.00 | 44.51 3.03 0.00 | 43.73 2.90 0.00 | 47.28 3.54 0.00 | 61.53 4.03 0.00 | 71.65 4.31 0.00 | 84.22 6.38 0.00 | 101.58 8.04 0.00 | 130.46 10.53 -12.53 | 158.56 12.32 -21.83 | 175.39 14.53 -12.56 | 170.40 15.06 -3.19 | 173.87 14.99 -4.30 | 173.32 14.47 -4.91 | 151.28 12.96 -4.67 | 139.61 11.55 -12.59 | 126.23 10.73 -4.89 | 115.26 9.13 0.00 | 92.22 6.67 0.00 | 79.19 4.55 0.00 | 72.20 4.02 0.00 |
| CORNELL___ 23752 | 48.91 -0.39 0.00 | 42.70 -0.47 -0.34 | 42.64 -0.61 0.00 | 41.36 -0.59 0.00 | 40.99 -0.50 0.00 | 40.50 -0.33 0.00 | 43.56 -0.17 0.00 | 58.26 0.75 0.00 | 68.69 1.35 0.00 | 79.09 1.25 0.00 | 94.75 1.22 0.00 | 110.30 0.97 -1.93 | 128.42 1.62 -2.38 | 152.13 2.52 -1.31 | 154.59 2.43 0.00 | 157.66 3.09 0.00 | 157.17 3.23 0.00 | 136.05 2.41 0.00 | 118.15 1.04 -1.63 | 112.14 0.77 -0.75 | 107.30 1.17 0.00 | 86.58 1.03 0.00 | 75.69 1.04 0.00 | 68.52 0.34 0.00 |
| COXSACKIE___GT 23611 | 54.43 5.13 0.00 | 49.06 4.41 -1.81 | 47.48 4.24 0.00 | 45.93 3.98 0.00 | 45.43 3.94 0.00 | 44.67 3.84 0.00 | 48.37 4.64 0.00 | 64.01 6.50 0.00 | 75.02 7.68 0.00 | 87.96 10.12 0.00 | 106.07 12.53 0.00 | 135.30 16.86 -11.03 | 161.38 19.78 -17.18 | 184.99 24.32 -12.37 | 193.28 24.80 -16.33 | 201.74 24.89 -22.29 | 203.99 24.63 -25.42 | 179.63 21.78 -24.20 | 153.55 18.48 -19.60 | 132.17 17.26 -4.31 | 122.05 15.92 0.00 | 96.93 11.38 0.00 | 83.52 8.88 0.00 | 75.68 7.50 0.00 |
| CRESCENT___HYD 24018 | 52.95 3.65 0.00 | 48.39 3.51 -2.04 | 46.49 3.24 0.00 | 45.00 3.06 0.00 | 44.51 3.03 0.00 | 43.73 2.90 0.00 | 47.28 3.54 0.00 | 61.53 4.03 0.00 | 71.65 4.31 0.00 | 84.22 6.38 0.00 | 101.58 8.04 0.00 | 130.46 10.53 -12.53 | 158.56 12.32 -21.83 | 175.39 14.53 -12.56 | 170.40 15.06 -3.19 | 173.87 14.99 -4.30 | 173.32 14.47 -4.91 | 151.28 12.96 -4.67 | 139.61 11.55 -12.59 | 126.23 10.73 -4.89 | 115.26 9.13 0.00 | 92.22 6.67 0.00 | 79.19 4.55 0.00 | 72.20 4.02 0.00 |
| CRUCIBLE_METL_DRP 24180 | 49.30 0.00 0.00 | 42.91 -0.09 -0.16 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.79 -0.04 0.00 | 43.78 0.04 0.00 | 58.03 0.52 0.00 | 68.02 0.67 0.00 | 77.76 -0.08 0.00 | 92.88 -0.65 0.00 | 107.49 -0.86 -0.95 | 123.80 -0.62 0.00 | 148.00 -0.30 0.00 | 151.54 -0.61 0.00 | 154.57 0.00 0.00 | 154.10 0.15 0.00 | 133.64 0.00 0.00 | 115.59 -0.69 -0.80 | 110.32 -0.66 -0.37 | 105.92 -0.21 0.00 | 85.38 -0.17 0.00 | 74.79 0.15 0.00 | 68.66 0.48 0.00 |
| DANC___LFGE 323619 | 52.11 2.81 0.00 | 45.13 2.23 -0.07 | 45.45 2.21 0.00 | 44.12 2.18 0.00 | 43.72 2.24 0.00 | 43.28 2.45 0.00 | 46.36 2.62 0.00 | 61.53 4.03 0.00 | 72.33 4.98 0.00 | 81.19 3.35 0.00 | 97.93 4.40 0.00 | 111.78 3.97 -0.40 | 129.77 5.35 0.00 | 155.12 6.82 0.00 | 158.84 6.69 0.00 | 161.68 7.11 0.00 | 161.49 7.54 0.00 | 138.45 4.81 0.00 | 118.82 3.00 -0.34 | 114.09 3.32 -0.16 | 111.44 5.31 0.00 | 89.83 4.28 0.00 | 79.19 4.55 0.00 | 73.43 5.25 0.00 |
| DANSKAMMER___1 23586 | 53.99 4.68 0.00 | 47.96 3.47 -1.65 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.85 3.02 0.00 | 47.45 3.72 0.00 | 62.51 5.00 0.00 | 73.34 5.99 0.00 | 85.47 7.63 0.00 | 102.61 9.07 0.00 | 129.81 12.35 -10.06 | 157.10 14.56 -18.12 | 182.42 17.20 -16.92 | 208.62 17.65 -38.82 | 225.85 18.24 -53.03 | 232.60 18.17 -60.49 | 207.15 15.90 -57.60 | 162.26 13.86 -32.93 | 127.59 13.05 -3.93 | 117.70 11.57 0.00 | 93.68 8.13 0.00 | 82.48 7.84 0.00 | 75.27 7.09 0.00 |
| DANSKAMMER___2 23589 | 53.99 4.68 0.00 | 47.96 3.47 -1.65 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.85 3.02 0.00 | 47.45 3.72 0.00 | 62.51 5.00 0.00 | 73.34 5.99 0.00 | 85.47 7.63 0.00 | 102.61 9.07 0.00 | 129.81 12.35 -10.06 | 157.10 14.56 -18.12 | 182.42 17.20 -16.92 | 208.62 17.65 -38.82 | 225.85 18.24 -53.03 | 232.60 18.17 -60.49 | 207.15 15.90 -57.60 | 162.26 13.86 -32.93 | 127.59 13.05 -3.93 | 117.70 11.57 0.00 | 93.68 8.13 0.00 | 82.48 7.84 0.00 | 75.27 7.09 0.00 |
| DANSKAMMER___3 23590 | 53.99 4.68 0.00 | 47.96 3.47 -1.65 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.85 3.02 0.00 | 47.45 3.72 0.00 | 62.51 5.00 0.00 | 73.34 5.99 0.00 | 85.47 7.63 0.00 | 102.61 9.07 0.00 | 129.81 12.35 -10.06 | 157.10 14.56 -18.12 | 182.42 17.20 -16.92 | 208.62 17.65 -38.82 | 225.85 18.24 -53.03 | 232.60 18.17 -60.49 | 207.15 15.90 -57.60 | 162.26 13.86 -32.93 | 127.59 13.05 -3.93 | 117.70 11.57 0.00 | 93.68 8.13 0.00 | 82.48 7.84 0.00 | 75.27 7.09 0.00 |
| DANSKAMMER___4 23591 | 53.99 4.68 0.00 | 47.96 3.47 -1.65 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.85 3.02 0.00 | 47.45 3.72 0.00 | 62.51 5.00 0.00 | 73.34 5.99 0.00 | 85.47 7.63 0.00 | 102.61 9.07 0.00 | 129.81 12.35 -10.06 | 157.10 14.56 -18.12 | 182.42 17.20 -16.92 | 208.62 17.65 -38.82 | 225.85 18.24 -53.03 | 232.60 18.17 -60.49 | 207.15 15.90 -57.60 | 162.26 13.86 -32.93 | 127.59 13.05 -3.93 | 117.70 11.57 0.00 | 93.68 8.13 0.00 | 82.48 7.84 0.00 | 75.27 7.09 0.00 |
| DANSKAMMER___DIESEL 23592 | 53.99 4.68 0.00 | 47.96 3.47 -1.65 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.85 3.02 0.00 | 47.45 3.72 0.00 | 62.51 5.00 0.00 | 73.34 5.99 0.00 | 85.47 7.63 0.00 | 102.61 9.07 0.00 | 129.81 12.35 -10.06 | 157.10 14.56 -18.12 | 182.42 17.20 -16.92 | 208.62 17.65 -38.82 | 225.85 18.24 -53.03 | 232.60 18.17 -60.49 | 207.15 15.90 -57.60 | 162.26 13.86 -32.93 | 127.59 13.05 -3.93 | 117.70 11.57 0.00 | 93.68 8.13 0.00 | 82.48 7.84 0.00 | 75.27 7.09 0.00 |
| DASHVILLE___HYD 23610 | 52.36 3.06 0.00 | 46.82 2.31 -1.67 | 45.32 2.08 0.00 | 43.96 2.01 0.00 | 43.35 1.87 0.00 | 42.46 1.63 0.00 | 46.23 2.49 0.00 | 60.96 3.45 0.00 | 71.65 4.31 0.00 | 83.37 5.53 0.00 | 100.36 6.83 0.00 | 126.69 9.13 -10.15 | 151.43 10.82 -16.19 | 174.39 12.61 -13.49 | 191.31 13.54 -25.62 | 203.78 14.22 -34.99 | 208.32 14.47 -39.91 | 184.21 12.56 -38.00 | 151.15 10.97 -24.70 | 124.64 10.07 -3.97 | 114.84 8.70 0.00 | 91.63 6.07 0.00 | 80.01 5.37 0.00 | 72.20 4.02 0.00 |
| DELAWARE___LFGE 323621 | 51.57 2.27 0.00 | 45.73 2.06 -0.84 | 45.32 2.08 0.00 | 43.96 2.01 0.00 | 43.48 1.99 0.00 | 42.63 1.80 0.00 | 45.83 2.10 0.00 | 60.38 2.88 0.00 | 71.05 3.70 0.00 | 82.36 4.51 0.00 | 99.24 5.71 0.00 | 118.48 6.87 -4.20 | 141.56 7.96 -9.18 | 163.23 9.49 -5.45 | 164.14 9.74 -2.25 | 167.83 10.20 -3.06 | 167.74 10.31 -3.49 | 145.65 8.69 -3.32 | 127.83 7.39 -4.96 | 119.22 6.97 -1.64 | 112.71 6.58 0.00 | 90.43 4.88 0.00 | 78.67 4.03 0.00 | 71.38 3.20 0.00 |

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|--------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| DOGLEVILLE___HYD 23807 | 51.62 2.32 0.00 | 44.81 2.01 0.04 | 45.23 1.99 0.00 | 43.91 1.97 0.00 | 43.48 1.99 0.00 | 42.71 1.88 0.00 | 45.83 2.10 0.00 | 60.27 2.76 0.00 | 70.71 3.37 0.00 | 81.81 3.97 0.00 | 98.40 4.86 0.00 | 112.85 5.69 0.24 | 125.36 6.47 5.53 | 152.37 7.12 3.04 | 159.14 7.00 0.01 | 161.99 7.42 0.00 | 161.64 7.70 0.00 | 140.33 6.68 0.00 | 121.16 5.89 0.21 | 116.16 5.64 0.10 | 111.65 5.52 0.00 | 89.74 4.19 0.00 | 78.22 3.58 0.00 | 71.38 3.20 0.00 |
| DUNKIRK___1 23563 | 44.97 -4.34 0.00 | 38.85 -4.28 -0.30 | 38.92 -4.32 0.00 | 38.00 -3.94 0.00 | 38.00 -3.48 0.00 | 37.81 -3.02 0.00 | 40.28 -3.45 0.00 | 53.25 -4.26 0.00 | 64.58 -2.76 0.00 | 73.33 -4.51 0.00 | 88.20 -5.33 0.00 | 103.35 -5.80 -1.74 | 120.59 -5.97 -2.15 | 142.21 -7.27 -1.18 | 145.61 -6.54 0.00 | 149.94 -4.64 0.00 | 149.02 -4.93 0.00 | 128.97 -4.68 0.00 | 111.76 -5.20 -1.47 | 104.77 -6.53 -0.68 | 100.19 -5.94 0.00 | 80.42 -5.13 0.00 | 70.24 -4.40 0.00 | 63.00 -5.18 0.00 |
| DUNKIRK___2 23564 | 44.97 -4.34 0.00 | 38.85 -4.28 -0.30 | 38.92 -4.32 0.00 | 38.00 -3.94 0.00 | 38.00 -3.48 0.00 | 37.81 -3.02 0.00 | 40.28 -3.45 0.00 | 53.25 -4.26 0.00 | 64.58 -2.76 0.00 | 73.33 -4.51 0.00 | 88.20 -5.33 0.00 | 103.35 -5.80 -1.74 | 120.59 -5.97 -2.15 | 142.21 -7.27 -1.18 | 145.61 -6.54 0.00 | 149.94 -4.64 0.00 | 149.02 -4.93 0.00 | 128.97 -4.68 0.00 | 111.76 -5.20 -1.47 | 104.77 -6.53 -0.68 | 100.19 -5.94 0.00 | 80.42 -5.13 0.00 | 70.24 -4.40 0.00 | 63.00 -5.18 0.00 |
| DUNKIRK___3 23565 | 45.51 -3.80 0.00 | 39.32 -3.81 -0.30 | 39.35 -3.89 0.00 | 38.38 -3.57 0.00 | 38.29 -3.19 0.00 | 38.09 -2.74 0.00 | 40.72 -3.02 0.00 | 53.77 -3.74 0.00 | 65.05 -2.29 0.00 | 73.87 -3.97 0.00 | 88.77 -4.77 0.00 | 103.88 -5.26 -1.74 | 121.21 -5.35 -2.14 | 142.80 -6.67 -1.18 | 146.22 -5.93 0.00 | 150.55 -4.02 0.00 | 149.63 -4.31 0.00 | 129.63 -4.01 0.00 | 112.33 -4.62 -1.47 | 105.32 -5.97 -0.68 | 100.83 -5.31 0.00 | 81.02 -4.53 0.00 | 70.76 -3.88 0.00 | 63.54 -4.64 0.00 |
| DUNKIRK___4 23566 | 45.51 -3.80 0.00 | 39.32 -3.81 -0.30 | 39.35 -3.89 0.00 | 38.38 -3.57 0.00 | 38.29 -3.19 0.00 | 38.09 -2.74 0.00 | 40.72 -3.02 0.00 | 53.77 -3.74 0.00 | 65.05 -2.29 0.00 | 73.87 -3.97 0.00 | 88.77 -4.77 0.00 | 103.88 -5.26 -1.74 | 121.21 -5.35 -2.14 | 142.80 -6.67 -1.18 | 146.22 -5.93 0.00 | 150.55 -4.02 0.00 | 149.63 -4.31 0.00 | 129.63 -4.01 0.00 | 112.33 -4.62 -1.47 | 105.32 -5.97 -0.68 | 100.83 -5.31 0.00 | 81.02 -4.53 0.00 | 70.76 -3.88 0.00 | 63.54 -4.64 0.00 |
| EAST HAMPTON___GT 23717 | 92.55 10.21 -33.04 | 88.02 8.31 -36.87 | 81.03 7.87 -29.91 | 67.27 7.72 -17.61 | 67.19 7.47 -18.24 | 71.58 7.23 -23.52 | 85.86 8.66 -33.46 | 95.15 13.28 -24.36 | 104.40 17.37 -19.68 | 120.32 18.99 -23.48 | 155.05 24.51 -37.01 | 174.21 31.90 -34.91 | 216.79 38.94 -53.43 | 321.35 45.97 -127.09 | 398.28 48.84 -197.29 | 422.96 50.24 -218.15 | 423.01 50.19 -218.89 | 343.03 43.30 -166.09 | 310.86 36.03 -159.35 | 206.28 38.05 -57.62 | 179.47 34.07 -39.27 | 162.46 25.49 -51.41 | 125.18 21.05 -29.49 | 107.78 16.36 -23.24 |
| EAST RIVER___6 23660 | 54.58 5.28 0.00 | 48.88 4.41 -1.63 | 47.22 3.98 0.00 | 45.84 3.90 0.00 | 45.22 3.73 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.84 6.33 0.00 | 74.95 7.61 0.00 | 87.26 9.42 0.00 | 104.85 11.32 0.00 | 131.88 14.61 -9.87 | 160.86 17.29 -19.15 | 188.59 20.76 -19.53 | 223.53 21.15 -50.23 | 244.85 21.64 -68.64 | 253.94 21.71 -78.29 | 226.76 18.58 -74.54 | 171.48 16.05 -39.95 | 129.40 14.93 -3.86 | 119.29 13.16 0.00 | 95.39 9.84 0.00 | 83.15 8.51 0.00 | 74.93 6.75 0.00 |
| EAST RIVER___7 23524 | 54.58 5.28 0.00 | 48.88 4.41 -1.63 | 47.22 3.98 0.00 | 45.84 3.90 0.00 | 45.22 3.73 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.84 6.33 0.00 | 74.95 7.61 0.00 | 87.26 9.42 0.00 | 104.85 11.32 0.00 | 131.88 14.61 -9.87 | 160.86 17.29 -19.15 | 188.59 20.76 -19.53 | 223.53 21.15 -50.23 | 244.85 21.64 -68.64 | 253.94 21.71 -78.29 | 226.76 18.58 -74.54 | 171.48 16.05 -39.95 | 129.40 14.93 -3.86 | 119.29 13.16 0.00 | 95.39 9.84 0.00 | 83.15 8.51 0.00 | 74.93 6.75 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 92.55 10.21 -33.04 | 88.02 8.31 -36.87 | 81.03 7.87 -29.91 | 67.27 7.72 -17.61 | 67.19 7.47 -18.24 | 71.58 7.23 -23.52 | 85.86 8.66 -33.46 | 95.15 13.28 -24.36 | 104.40 17.37 -19.68 | 120.32 18.99 -23.48 | 155.05 24.51 -37.01 | 174.21 31.90 -34.91 | 216.79 38.94 -53.43 | 321.35 45.97 -127.09 | 398.28 48.84 -197.29 | 422.96 50.24 -218.15 | 423.01 50.19 -218.89 | 343.03 43.30 -166.09 | 310.86 36.03 -159.35 | 206.28 38.05 -57.62 | 179.47 34.07 -39.27 | 162.46 25.49 -51.41 | 125.18 21.05 -29.49 | 107.78 16.36 -23.24 |
| EAST_RIVER___1 323558 | 54.63 5.32 0.00 | 48.88 4.41 -1.63 | 47.26 4.02 0.00 | 45.89 3.94 0.00 | 45.22 3.73 0.00 | 44.38 3.55 0.00 | 48.37 4.64 0.00 | 63.89 6.38 0.00 | 75.02 7.68 0.00 | 87.26 9.42 0.00 | 104.95 11.41 0.00 | 131.99 14.71 -9.87 | 161.11 17.54 -19.15 | 188.74 20.91 -19.53 | 223.68 21.30 -50.23 | 245.00 21.79 -68.64 | 254.09 21.86 -78.29 | 227.03 18.84 -74.54 | 171.71 16.28 -39.95 | 129.62 15.15 -3.86 | 119.51 13.37 0.00 | 95.56 10.01 0.00 | 83.15 8.51 0.00 | 75.00 6.82 0.00 |
| EAST_RIVER___2 323559 | 54.58 5.28 0.00 | 48.88 4.41 -1.63 | 47.22 3.98 0.00 | 45.84 3.90 0.00 | 45.22 3.73 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.84 6.33 0.00 | 74.95 7.61 0.00 | 87.26 9.42 0.00 | 104.85 11.32 0.00 | 131.88 14.61 -9.87 | 160.86 17.29 -19.15 | 188.59 20.76 -19.53 | 223.53 21.15 -50.23 | 244.85 21.64 -68.64 | 253.94 21.71 -78.29 | 226.76 18.58 -74.54 | 171.48 16.05 -39.95 | 129.40 14.93 -3.86 | 119.29 13.16 0.00 | 95.39 9.84 0.00 | 83.15 8.51 0.00 | 74.93 6.75 0.00 |
| EAST___DELAWARE_HYD 23607 | 53.40 4.09 0.00 | 47.67 3.43 -1.41 | 46.49 3.24 0.00 | 45.09 3.15 0.00 | 44.51 3.03 0.00 | 43.52 2.69 0.00 | 46.93 3.19 0.00 | 61.99 4.49 0.00 | 72.80 5.45 0.00 | 84.85 7.01 0.00 | 102.33 8.79 0.00 | 127.54 11.60 -8.54 | 152.65 13.81 -14.42 | 177.94 16.91 -12.74 | 196.96 17.95 -26.86 | 208.73 17.47 -36.69 | 213.50 17.70 -41.85 | 190.20 16.71 -39.85 | 154.03 14.43 -24.12 | 127.44 13.49 -3.33 | 118.66 12.52 0.00 | 94.45 8.90 0.00 | 82.03 7.39 0.00 | 74.45 6.27 0.00 |
| ELEC_TRO_TEK 24086 | 83.58 5.62 -28.66 | 79.75 4.71 -32.20 | 73.56 4.37 -25.95 | 61.46 4.24 -15.28 | 61.37 4.07 -15.82 | 65.15 3.92 -20.40 | 77.70 4.94 -29.03 | 88.77 6.90 -24.36 | 95.17 8.15 -19.68 | 111.36 10.04 -23.48 | 142.71 12.16 -37.01 | 157.78 15.47 -34.91 | 196.01 18.16 -53.43 | 296.44 21.06 -127.09 | 371.35 21.91 -197.29 | 395.29 22.57 -218.15 | 395.31 22.48 -218.89 | 319.24 19.51 -166.09 | 291.46 16.63 -159.35 | 184.16 15.93 -57.62 | 159.84 14.43 -39.27 | 147.74 10.78 -51.41 | 113.31 9.18 -29.49 | 103.09 7.23 -27.69 |
| ELLENBURG_WT_PWR 323604 | 48.51 -0.79 0.00 | 42.02 -0.81 0.00 | 42.59 -0.65 0.00 | 41.31 -0.63 0.00 | 40.82 -0.66 0.00 | 40.42 -0.41 0.00 | 43.03 -0.70 0.00 | 56.59 -0.92 0.00 | 66.33 -1.01 0.00 | 76.44 -1.40 0.00 | 91.85 -1.68 0.00 | 102.79 -4.62 0.00 | 114.76 -7.09 2.56 | 138.58 -8.30 1.41 | 144.23 -7.91 0.00 | 145.14 -9.43 0.00 | 144.71 -9.24 0.00 | 125.89 -7.75 0.00 | 109.13 -6.35 0.00 | 104.42 -6.19 0.00 | 101.78 -4.35 0.00 | 84.10 -1.45 0.00 | 73.52 -1.12 0.00 | 67.22 -0.95 0.00 |
| EMPIRE_CC_1 323656 | 51.52 2.22 0.00 | 47.22 2.40 -1.98 | 45.45 2.21 0.00 | 44.08 2.14 0.00 | 43.56 2.07 0.00 | 42.71 1.88 0.00 | 46.14 2.41 0.00 | 60.04 2.53 0.00 | 69.77 2.42 0.00 | 81.42 3.58 0.00 | 98.21 4.68 0.00 | 125.43 5.91 -12.11 | 146.58 6.84 -15.32 | 164.87 8.16 -8.42 | 160.54 8.37 -0.03 | 162.92 8.35 0.00 | 161.95 8.00 0.00 | 140.99 7.35 0.00 | 132.08 6.35 -10.26 | 121.32 5.97 -4.73 | 111.23 5.09 0.00 | 88.89 3.34 0.00 | 77.10 2.46 0.00 | 70.22 2.05 0.00 |
| EMPIRE_CC_2 323658 | 51.52 2.22 0.00 | 47.22 2.40 -1.98 | 45.45 2.21 0.00 | 44.08 2.14 0.00 | 43.56 2.07 0.00 | 42.71 1.88 0.00 | 46.14 2.41 0.00 | 60.04 2.53 0.00 | 69.77 2.42 0.00 | 81.42 3.58 0.00 | 98.21 4.68 0.00 | 125.43 5.91 -12.11 | 146.58 6.84 -15.32 | 164.87 8.16 -8.42 | 160.54 8.37 -0.03 | 162.92 8.35 0.00 | 161.95 8.00 0.00 | 140.99 7.35 0.00 | 132.08 6.35 -10.26 | 121.32 5.97 -4.73 | 111.23 5.09 0.00 | 88.89 3.34 0.00 | 77.10 2.46 0.00 | 70.22 2.05 0.00 |

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| E_CANADA_CAP_HY 24051 | 52.95 3.65 0.00 | 48.19 3.17 -2.19 | 45.92 2.68 0.00 | 44.42 2.47 0.00 | 44.06 2.57 0.00 | 43.61 2.78 0.00 | 47.32 3.59 0.00 | 62.34 4.83 0.00 | 72.66 5.32 0.00 | 85.70 7.86 0.00 | 103.64 10.10 0.00 | 137.00 13.75 -15.85 | 166.56 15.68 -26.46 | 181.53 18.69 -14.54 | 171.82 19.63 -0.05 | 174.51 19.94 0.00 | 173.49 19.55 0.00 | 150.88 17.24 0.00 | 143.79 14.90 -13.42 | 130.52 13.72 -6.19 | 117.81 11.67 0.00 | 94.71 9.15 0.00 | 80.31 5.67 0.00 | 72.95 4.77 0.00 |
| E_CANADA_MHWK_HY 24050 | 51.62 2.32 0.00 | 44.81 2.01 0.04 | 45.23 1.99 0.00 | 43.91 1.97 0.00 | 43.48 1.99 0.00 | 42.71 1.88 0.00 | 45.83 2.10 0.00 | 60.27 2.76 0.00 | 70.71 3.37 0.00 | 81.81 3.97 0.00 | 98.40 4.86 0.00 | 112.85 5.69 0.24 | 125.36 6.47 5.53 | 152.37 7.12 3.04 | 159.14 7.00 0.01 | 161.99 7.42 0.00 | 161.64 7.70 0.00 | 140.33 6.68 0.00 | 121.16 5.89 0.21 | 116.16 5.64 0.10 | 111.65 5.52 0.00 | 89.74 4.19 0.00 | 78.22 3.58 0.00 | 71.38 3.20 0.00 |
| E_FISHKILL___LBMP 23776 | 53.64 4.34 0.00 | 48.13 3.64 -1.65 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.77 2.94 0.00 | 47.54 3.80 0.00 | 62.68 5.18 0.00 | 73.47 6.13 0.00 | 85.47 7.63 0.00 | 102.98 9.45 0.00 | 129.57 12.14 -10.03 | 158.18 14.43 -19.33 | 185.04 17.05 -19.69 | 220.20 17.50 -50.55 | 241.58 17.93 -69.07 | 250.59 17.86 -78.79 | 224.17 15.50 -75.02 | 169.27 13.51 -40.28 | 127.14 12.61 -3.92 | 117.38 11.25 0.00 | 93.68 8.13 0.00 | 81.58 6.94 0.00 | 73.77 5.59 0.00 |
| FAR ROCKAWAY___4 23548 | 85.50 7.05 -29.15 | 81.38 5.83 -32.72 | 75.09 5.45 -26.39 | 62.77 5.28 -15.54 | 62.64 5.06 -16.09 | 66.48 4.90 -20.75 | 79.16 5.90 -29.53 | 90.03 8.17 -24.36 | 96.79 9.76 -19.68 | 111.52 10.20 -23.48 | 143.17 12.63 -37.01 | 158.32 16.00 -34.91 | 196.76 18.91 -53.43 | 295.70 20.32 -127.09 | 370.74 21.30 -197.29 | 394.67 21.95 -218.15 | 394.69 21.86 -218.89 | 318.71 18.98 -166.09 | 290.88 16.05 -159.35 | 184.93 16.70 -57.62 | 160.48 15.07 -39.27 | 148.43 11.46 -51.41 | 113.68 9.55 -29.49 | 138.90 8.59 -62.14 |
| FARRAGUT___LBMP 323566 | 54.53 5.23 0.00 | 48.83 4.37 -1.63 | 47.18 3.94 0.00 | 45.80 3.86 0.00 | 45.18 3.69 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.84 6.33 0.00 | 74.88 7.54 0.00 | 87.03 9.19 0.00 | 104.76 11.22 0.00 | 131.78 14.50 -9.87 | 160.73 17.17 -19.15 | 188.30 20.46 -19.53 | 223.22 20.84 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 129.40 14.93 -3.86 | 119.29 13.16 0.00 | 95.30 9.75 0.00 | 83.07 8.43 0.00 | 74.86 6.68 0.00 |
| FENNER___WINDPWR 24204 | 50.54 1.23 0.00 | 43.92 0.99 -0.10 | 44.15 0.91 0.00 | 42.82 0.88 0.00 | 42.44 0.95 0.00 | 41.85 1.02 0.00 | 44.96 1.22 0.00 | 59.58 2.07 0.00 | 70.10 2.76 0.00 | 80.57 2.72 0.00 | 96.90 3.37 0.00 | 111.76 3.76 -0.59 | 127.46 4.73 1.68 | 153.45 6.08 0.93 | 158.23 6.09 0.00 | 161.06 6.49 0.00 | 160.56 6.62 0.00 | 138.86 5.21 0.00 | 119.68 3.70 -0.50 | 114.27 3.43 -0.23 | 110.06 3.93 0.00 | 88.55 2.99 0.00 | 77.48 2.84 0.00 | 70.56 2.39 0.00 |
| FIBERTEK___ENERGY 23856 | 49.30 0.00 0.00 | 42.91 -0.09 -0.16 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.79 -0.04 0.00 | 43.78 0.04 0.00 | 58.03 0.52 0.00 | 68.02 0.67 0.00 | 77.76 -0.08 0.00 | 92.88 -0.65 0.00 | 107.49 -0.86 -0.95 | 123.80 -0.62 0.00 | 148.00 -0.30 0.00 | 151.54 -0.61 0.00 | 154.57 0.00 0.00 | 154.10 0.15 0.00 | 133.64 0.00 0.00 | 115.59 -0.69 -0.80 | 110.32 -0.66 -0.37 | 105.92 -0.21 0.00 | 85.38 -0.17 0.00 | 74.79 0.15 0.00 | 68.66 0.48 0.00 |
| FITZPATRICK____ 23598 | 48.12 -1.18 0.00 | 41.82 -1.11 -0.10 | 42.03 -1.21 0.00 | 40.81 -1.13 0.00 | 40.41 -1.08 0.00 | 39.81 -1.02 0.00 | 42.60 -1.14 0.00 | 56.07 -1.44 0.00 | 65.66 -1.68 0.00 | 75.58 -2.26 0.00 | 90.64 -2.90 0.00 | 104.55 -3.44 -0.59 | 120.56 -3.86 0.00 | 143.70 -4.60 0.00 | 147.43 -4.72 0.00 | 150.09 -4.48 0.00 | 149.48 -4.46 0.00 | 129.77 -3.88 0.00 | 112.28 -3.70 -0.50 | 107.41 -3.43 -0.23 | 103.06 -3.08 0.00 | 83.16 -2.40 0.00 | 72.77 -1.87 0.00 | 66.81 -1.36 0.00 |
| FORT ORANGE____ 23900 | 52.16 2.86 0.00 | 47.58 2.74 -2.00 | 45.79 2.55 0.00 | 44.38 2.43 0.00 | 43.89 2.41 0.00 | 43.03 2.20 0.00 | 46.49 2.76 0.00 | 60.44 2.93 0.00 | 69.97 2.63 0.00 | 81.97 4.13 0.00 | 98.49 4.96 0.00 | 126.55 6.87 -12.27 | 152.88 8.09 -20.38 | 169.75 9.34 -12.11 | 166.85 9.59 -5.12 | 171.26 9.74 -6.95 | 171.26 9.39 -7.92 | 149.74 8.55 -7.54 | 136.46 7.39 -13.59 | 122.26 6.86 -4.79 | 111.76 5.63 0.00 | 89.40 3.85 0.00 | 77.48 2.84 0.00 | 70.50 2.32 0.00 |
| FORT_DRUM_COGEN 23780 | 52.06 2.76 0.00 | 45.09 2.18 -0.07 | 45.41 2.16 0.00 | 44.08 2.14 0.00 | 43.68 2.20 0.00 | 43.24 2.41 0.00 | 46.31 2.58 0.00 | 61.42 3.91 0.00 | 72.26 4.92 0.00 | 81.19 3.35 0.00 | 97.84 4.30 0.00 | 111.66 3.87 -0.39 | 129.64 5.23 0.00 | 154.97 6.67 0.00 | 158.69 6.54 0.00 | 161.37 6.80 0.00 | 161.33 7.39 0.00 | 138.32 4.68 0.00 | 118.70 2.89 -0.33 | 113.97 3.21 -0.15 | 111.33 5.20 0.00 | 89.74 4.19 0.00 | 79.12 4.48 0.00 | 73.36 5.18 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 85.50 7.05 -29.15 | 81.38 5.83 -32.72 | 75.09 5.45 -26.39 | 62.77 5.28 -15.54 | 62.64 5.06 -16.09 | 66.48 4.90 -20.75 | 79.16 5.90 -29.53 | 90.03 8.17 -24.36 | 96.79 9.76 -19.68 | 111.52 10.20 -23.48 | 143.17 12.63 -37.01 | 158.32 16.00 -34.91 | 196.76 18.91 -53.43 | 295.70 20.32 -127.09 | 370.74 21.30 -197.29 | 394.67 21.95 -218.15 | 394.69 21.86 -218.89 | 318.71 18.98 -166.09 | 290.88 16.05 -159.35 | 184.93 16.70 -57.62 | 160.48 15.07 -39.27 | 148.43 11.46 -51.41 | 113.68 9.55 -29.49 | 138.90 8.59 -62.14 |
| FPL_FAR_ROCK_GT2 23815 | 85.50 7.05 -29.15 | 81.38 5.83 -32.72 | 75.09 5.45 -26.39 | 62.77 5.28 -15.54 | 62.64 5.06 -16.09 | 66.48 4.90 -20.75 | 79.16 5.90 -29.53 | 90.03 8.17 -24.36 | 96.79 9.76 -19.68 | 111.52 10.20 -23.48 | 143.17 12.63 -37.01 | 158.32 16.00 -34.91 | 196.76 18.91 -53.43 | 295.70 20.32 -127.09 | 370.74 21.30 -197.29 | 394.67 21.95 -218.15 | 394.69 21.86 -218.89 | 318.71 18.98 -166.09 | 290.88 16.05 -159.35 | 184.93 16.70 -57.62 | 160.48 15.07 -39.27 | 148.43 11.46 -51.41 | 113.68 9.55 -29.49 | 138.90 8.59 -62.14 |
| FRANKLIN_FALL_HYD 24054 | 48.71 -0.59 0.00 | 42.11 -0.73 0.00 | 42.72 -0.52 0.00 | 41.44 -0.50 0.00 | 40.95 -0.54 0.00 | 40.63 -0.20 0.00 | 43.21 -0.52 0.00 | 56.88 -0.63 0.00 | 66.80 -0.54 0.00 | 76.67 -1.17 0.00 | 92.23 -1.31 0.00 | 103.22 -4.19 0.00 | 115.92 -5.97 2.53 | 139.94 -6.97 1.39 | 146.06 -6.09 0.00 | 146.54 -8.04 0.00 | 145.94 -8.00 0.00 | 127.09 -6.55 0.00 | 110.17 -5.31 0.00 | 105.30 -5.31 0.00 | 102.63 -3.50 0.00 | 84.61 -0.94 0.00 | 73.97 -0.67 0.00 | 67.56 -0.61 0.00 |
| FREEPORT_EQUS_GT1 23764 | 86.91 6.21 -31.40 | 83.18 5.23 -35.12 | 76.56 4.89 -28.43 | 63.42 4.74 -16.74 | 63.38 4.56 -17.33 | 67.59 4.41 -22.35 | 81.05 5.51 -31.80 | 89.46 7.59 -24.36 | 96.12 9.09 -19.68 | 112.14 10.82 -23.48 | 143.55 13.00 -37.01 | 158.85 16.54 -34.91 | 197.38 19.53 -53.43 | 298.37 22.99 -127.09 | 373.48 24.04 -197.29 | 397.45 24.73 -218.15 | 397.61 24.78 -218.89 | 321.25 21.52 -166.09 | 293.07 18.25 -159.35 | 185.48 17.26 -57.62 | 161.01 15.60 -39.27 | 148.69 11.72 -51.41 | 114.28 10.15 -29.49 | 108.15 8.04 -31.92 |
| FULTON COGEN____ 23766 | 49.16 -0.15 0.00 | 42.75 -0.21 -0.13 | 42.94 -0.30 0.00 | 41.65 -0.29 0.00 | 41.24 -0.25 0.00 | 40.71 -0.12 0.00 | 43.65 -0.09 0.00 | 57.80 0.29 0.00 | 67.68 0.34 0.00 | 77.76 -0.08 0.00 | 92.97 -0.56 0.00 | 107.40 -0.75 -0.75 | 123.80 -0.62 0.00 | 147.85 -0.44 0.00 | 151.39 -0.76 0.00 | 154.42 -0.15 0.00 | 153.79 -0.15 0.00 | 133.51 -0.13 0.00 | 115.30 -0.81 -0.63 | 110.46 -0.44 -0.29 | 106.03 -0.11 0.00 | 85.55 0.00 0.00 | 74.94 0.30 0.00 | 68.52 0.34 0.00 |
| FULTON___LFGE 323630 | 56.40 7.10 0.00 | 51.15 6.13 -2.19 | 48.74 5.49 0.00 | 47.14 5.20 0.00 | 46.88 5.39 0.00 | 46.46 5.63 0.00 | 50.42 6.69 0.00 | 66.19 8.68 0.00 | 77.85 10.51 0.00 | 93.41 15.57 0.00 | 113.08 19.55 0.00 | 149.72 27.28 -15.04 | 184.67 31.60 -28.65 | 200.67 36.63 -15.75 | 191.46 39.25 -0.05 | 194.30 39.73 0.00 | 192.74 38.79 0.00 | 167.72 34.08 0.00 | 157.42 29.22 -12.73 | 143.58 27.10 -5.87 | 128.95 22.82 0.00 | 103.86 18.31 0.00 | 86.43 11.79 0.00 | 78.61 10.43 0.00 |

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|-----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| Freeport___CT2 23818 | 86.91 6.21 -31.40 | 83.18 5.23 -35.12 | 76.56 4.89 -28.43 | 63.42 4.74 -16.74 | 63.38 4.56 -17.33 | 67.59 4.41 -22.35 | 81.05 5.51 -31.80 | 89.46 7.59 -24.36 | 96.12 9.09 -19.68 | 112.14 10.82 -23.48 | 143.55 13.00 -37.01 | 158.85 16.54 -34.91 | 197.38 19.53 -53.43 | 298.37 22.99 -127.09 | 373.48 24.04 -197.29 | 397.45 24.73 -218.15 | 397.61 24.78 -218.89 | 321.25 21.52 -166.09 | 293.07 18.25 -159.35 | 185.48 17.26 -57.62 | 161.01 15.60 -39.27 | 148.69 11.72 -51.41 | 114.28 10.15 -29.49 | 108.15 8.04 -31.92 |
| G.F.CEMENT___DRP 24184 | 53.69 4.39 0.00 | 49.02 4.11 -2.07 | 46.96 3.72 0.00 | 45.30 3.36 0.00 | 44.80 3.32 0.00 | 44.18 3.35 0.00 | 47.89 4.15 0.00 | 62.57 5.06 0.00 | 73.20 5.86 0.00 | 86.25 8.41 0.00 | 103.73 10.20 0.00 | 133.52 13.32 -12.80 | 165.64 15.55 -25.67 | 181.01 17.65 -15.07 | 175.96 18.41 -5.40 | 179.98 18.09 -7.32 | 179.69 17.40 -8.35 | 157.23 15.64 -7.95 | 145.27 15.59 -14.20 | 130.32 14.71 -5.00 | 118.98 12.84 0.00 | 95.13 9.58 0.00 | 80.76 6.12 0.00 | 73.70 5.52 0.00 |
| GARDENVILLE___LBMP 24039 | 46.59 -2.71 0.00 | 40.24 -2.87 -0.27 | 40.22 -3.03 0.00 | 39.17 -2.77 0.00 | 39.12 -2.36 0.00 | 38.91 -1.92 0.00 | 41.46 -2.27 0.00 | 54.69 -2.82 0.00 | 65.93 -1.41 0.00 | 74.34 -3.50 0.00 | 89.05 -4.49 0.00 | 103.82 -5.16 -1.57 | 121.46 -4.85 -1.89 | 142.51 -6.82 -1.04 | 145.91 -6.24 0.00 | 150.55 -4.02 0.00 | 149.48 -4.46 0.00 | 129.50 -4.14 0.00 | 112.42 -4.39 -1.33 | 105.47 -5.75 -0.61 | 101.14 -4.99 0.00 | 81.53 -4.02 0.00 | 71.58 -3.06 0.00 | 64.70 -3.48 0.00 |
| GENERAL___MILLS 23808 | 46.74 -2.56 0.00 | 40.37 -2.74 -0.27 | 40.35 -2.90 0.00 | 39.30 -2.64 0.00 | 39.20 -2.28 0.00 | 39.03 -1.80 0.00 | 41.59 -2.14 0.00 | 54.92 -2.59 0.00 | 66.20 -1.14 0.00 | 74.57 -3.27 0.00 | 89.42 -4.12 0.00 | 104.17 -4.83 -1.59 | 121.98 -4.35 -1.92 | 143.12 -6.23 -1.06 | 146.52 -5.63 0.00 | 151.17 -3.40 0.00 | 150.09 -3.85 0.00 | 130.03 -3.61 0.00 | 112.90 -3.93 -1.35 | 105.81 -5.42 -0.62 | 101.57 -4.56 0.00 | 81.79 -3.76 0.00 | 71.88 -2.76 0.00 | 64.91 -3.27 0.00 |
| GE_PLASTICS___DRP 24183 | 51.18 1.87 0.00 | 46.78 1.93 -2.02 | 45.06 1.82 0.00 | 43.66 1.72 0.00 | 43.19 1.70 0.00 | 42.30 1.47 0.00 | 45.57 1.84 0.00 | 59.52 2.01 0.00 | 69.23 1.89 0.00 | 80.80 2.96 0.00 | 97.28 3.74 0.00 | 124.84 5.05 -12.39 | 149.42 5.85 -19.16 | 165.80 6.97 -10.53 | 159.18 7.00 -0.04 | 161.68 7.11 0.00 | 160.87 6.93 0.00 | 139.79 6.15 0.00 | 131.39 5.43 -10.49 | 120.54 5.09 -4.84 | 110.38 4.25 0.00 | 88.46 2.91 0.00 | 76.66 2.02 0.00 | 69.75 1.57 0.00 |
| GILBOA___1 23756 | 51.62 2.32 0.00 | 46.78 2.36 -1.59 | 45.75 2.51 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.79 1.96 0.00 | 45.88 2.14 0.00 | 60.27 2.76 0.00 | 70.57 3.23 0.00 | 81.97 4.13 0.00 | 98.68 5.14 0.00 | 122.92 5.91 -9.61 | 139.42 6.47 -8.53 | 159.00 7.71 -2.99 | 150.46 7.76 9.45 | 149.67 8.04 12.94 | 147.34 8.16 14.76 | 126.54 6.95 14.05 | 123.89 6.24 -2.18 | 120.45 6.08 -3.75 | 111.86 5.73 0.00 | 89.83 4.28 0.00 | 78.15 3.51 0.00 | 71.04 2.86 0.00 |
| GILBOA___2 23757 | 51.62 2.32 0.00 | 46.78 2.36 -1.59 | 45.75 2.51 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.79 1.96 0.00 | 45.88 2.14 0.00 | 60.27 2.76 0.00 | 70.57 3.23 0.00 | 81.97 4.13 0.00 | 98.68 5.14 0.00 | 122.92 5.91 -9.61 | 139.42 6.47 -8.53 | 159.00 7.71 -2.99 | 150.46 7.76 9.45 | 149.67 8.04 12.94 | 147.34 8.16 14.76 | 126.54 6.95 14.05 | 123.89 6.24 -2.18 | 120.45 6.08 -3.75 | 111.86 5.73 0.00 | 89.83 4.28 0.00 | 78.15 3.51 0.00 | 71.04 2.86 0.00 |
| GILBOA___3 23758 | 51.62 2.32 0.00 | 46.78 2.36 -1.59 | 45.75 2.51 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.79 1.96 0.00 | 45.88 2.14 0.00 | 60.27 2.76 0.00 | 70.57 3.23 0.00 | 81.97 4.13 0.00 | 98.68 5.14 0.00 | 122.92 5.91 -9.61 | 139.42 6.47 -8.53 | 159.00 7.71 -2.99 | 150.46 7.76 9.45 | 149.67 8.04 12.94 | 147.34 8.16 14.76 | 126.54 6.95 14.05 | 123.89 6.24 -2.18 | 120.45 6.08 -3.75 | 111.86 5.73 0.00 | 89.83 4.28 0.00 | 78.15 3.51 0.00 | 71.04 2.86 0.00 |
| GILBOA___4 23759 | 51.62 2.32 0.00 | 46.78 2.36 -1.59 | 45.75 2.51 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.79 1.96 0.00 | 45.88 2.14 0.00 | 60.27 2.76 0.00 | 70.57 3.23 0.00 | 81.97 4.13 0.00 | 98.68 5.14 0.00 | 122.92 5.91 -9.61 | 139.42 6.47 -8.53 | 159.00 7.71 -2.99 | 150.46 7.76 9.45 | 149.67 8.04 12.94 | 147.34 8.16 14.76 | 126.54 6.95 14.05 | 123.89 6.24 -2.18 | 120.45 6.08 -3.75 | 111.86 5.73 0.00 | 89.83 4.28 0.00 | 78.15 3.51 0.00 | 71.04 2.86 0.00 |
| GILBOA___ 23599 | 51.62 2.32 0.00 | 46.78 2.36 -1.59 | 45.75 2.51 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.79 1.96 0.00 | 45.88 2.14 0.00 | 60.27 2.76 0.00 | 70.57 3.23 0.00 | 81.97 4.13 0.00 | 98.68 5.14 0.00 | 122.92 5.91 -9.61 | 139.42 6.47 -8.53 | 159.00 7.71 -2.99 | 150.46 7.76 9.45 | 149.67 8.04 12.94 | 147.34 8.16 14.76 | 126.54 6.95 14.05 | 123.89 6.24 -2.18 | 120.45 6.08 -3.75 | 111.86 5.73 0.00 | 89.83 4.28 0.00 | 78.15 3.51 0.00 | 71.04 2.86 0.00 |
| GINNA___ 23603 | 46.84 -2.47 0.00 | 40.46 -2.57 -0.19 | 40.39 -2.85 0.00 | 39.34 -2.60 0.00 | 39.08 -2.41 0.00 | 38.83 -2.00 0.00 | 41.59 -2.14 0.00 | 54.98 -2.53 0.00 | 65.12 -2.22 0.00 | 74.26 -3.58 0.00 | 89.61 -3.93 0.00 | 104.13 -4.40 -1.13 | 120.44 -3.98 0.00 | 143.11 -5.19 0.00 | 146.82 -5.33 0.00 | 150.40 -4.17 0.00 | 149.32 -4.62 0.00 | 129.37 -4.28 0.00 | 112.28 -4.16 -0.96 | 106.30 -4.76 -0.44 | 101.78 -4.35 0.00 | 82.13 -3.42 0.00 | 71.65 -2.99 0.00 | 65.18 -3.00 0.00 |
| GLEN PARK___ 23778 | 52.36 3.06 0.00 | 45.35 2.44 -0.07 | 45.62 2.38 0.00 | 44.33 2.39 0.00 | 43.93 2.45 0.00 | 43.48 2.65 0.00 | 46.62 2.89 0.00 | 61.82 4.31 0.00 | 72.80 5.45 0.00 | 81.73 3.89 0.00 | 98.59 5.05 0.00 | 112.54 4.73 -0.41 | 130.76 6.35 0.00 | 156.30 8.01 0.00 | 160.06 7.91 0.00 | 162.92 8.35 0.00 | 162.72 8.77 0.00 | 139.52 5.88 0.00 | 119.64 3.81 -0.35 | 114.87 4.09 -0.16 | 112.29 6.16 0.00 | 90.43 4.88 0.00 | 79.79 5.15 0.00 | 73.84 5.66 0.00 |
| GLENWOOD_IC_1_G5 23712 | 84.68 5.62 -29.75 | 80.87 4.67 -33.36 | 74.51 4.32 -26.94 | 62.00 4.19 -15.86 | 61.93 4.02 -16.42 | 65.85 3.84 -21.18 | 78.72 4.85 -30.14 | 88.65 6.79 -24.36 | 95.11 8.08 -19.68 | 110.74 9.42 -23.48 | 141.96 11.41 -37.01 | 157.03 14.71 -34.91 | 195.27 17.42 -53.43 | 296.14 20.76 -127.09 | 370.89 21.45 -197.29 | 394.67 21.95 -218.15 | 394.84 22.01 -218.89 | 318.71 18.98 -166.09 | 291.11 16.28 -159.35 | 183.49 15.26 -57.62 | 158.99 13.59 -39.27 | 146.97 10.01 -51.41 | 112.64 8.51 -29.49 | 104.35 7.09 -29.08 |
| GLENWOOD_IC_2_G1 23688 | 129.20 5.37 -74.52 | 128.46 4.50 -81.12 | 114.87 4.15 -67.47 | 85.69 4.03 -39.72 | 86.48 3.86 -41.14 | 97.56 3.67 -53.05 | 123.94 4.72 -75.48 | 88.36 6.50 -24.36 | 94.77 7.74 -19.68 | 110.82 9.50 -23.48 | 142.24 11.69 -37.01 | 157.24 14.93 -34.91 | 195.52 17.67 -53.43 | 296.44 21.06 -127.09 | 370.89 21.45 -197.29 | 394.83 22.10 -218.15 | 394.84 22.01 -218.89 | 318.84 19.11 -166.09 | 291.34 16.51 -159.35 | 183.71 15.49 -57.62 | 159.31 13.90 -39.27 | 147.23 10.27 -51.41 | 112.86 8.73 -29.49 | 101.24 7.02 -26.04 |
| GLENWOOD_IC_3_G1 23689 | 129.20 5.37 -74.52 | 128.46 4.50 -81.12 | 114.87 4.15 -67.47 | 85.69 4.03 -39.72 | 86.48 3.86 -41.14 | 97.56 3.67 -53.05 | 123.94 4.72 -75.48 | 88.36 6.50 -24.36 | 94.77 7.74 -19.68 | 110.82 9.50 -23.48 | 142.24 11.69 -37.01 | 157.24 14.93 -34.91 | 195.52 17.67 -53.43 | 296.44 21.06 -127.09 | 370.89 21.45 -197.29 | 394.83 22.10 -218.15 | 394.84 22.01 -218.89 | 318.84 19.11 -166.09 | 291.34 16.51 -159.35 | 183.71 15.49 -57.62 | 159.31 13.90 -39.27 | 147.23 10.27 -51.41 | 112.86 8.73 -29.49 | 101.24 7.02 -26.04 |
| GLENWOOD___4 23550 | 84.68 5.62 -29.76 | 80.88 4.67 -33.37 | 74.51 4.32 -26.95 | 62.00 4.19 -15.86 | 61.94 4.02 -16.43 | 65.85 3.84 -21.19 | 78.73 4.85 -30.14 | 88.59 6.73 -24.36 | 95.11 8.08 -19.68 | 110.82 9.50 -23.48 | 142.05 11.50 -37.01 | 157.14 14.82 -34.91 | 195.39 17.54 -53.43 | 296.29 20.91 -127.09 | 371.04 21.60 -197.29 | 394.83 22.10 -218.15 | 395.00 22.17 -218.89 | 318.84 19.11 -166.09 | 291.22 16.40 -159.35 | 183.60 15.38 -57.62 | 159.10 13.69 -39.27 | 147.06 10.10 -51.41 | 112.71 8.58 -29.49 | 104.42 7.16 -29.08 |

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|--------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| GLENWOOD___5 23614 | 84.68 5.62 -29.76 | 80.88 4.67 -33.37 | 74.51 4.32 -26.95 | 62.00 4.19 -15.86 | 61.94 4.02 -16.43 | 65.85 3.84 -21.19 | 78.73 4.85 -30.14 | 88.59 6.73 -24.36 | 95.11 8.08 -19.68 | 110.82 9.50 -23.48 | 142.05 11.50 -37.01 | 157.14 14.82 -34.91 | 195.39 17.54 -53.43 | 296.29 20.91 -127.09 | 371.04 21.60 -197.29 | 394.83 22.10 -218.15 | 395.00 22.17 -218.89 | 318.84 19.11 -166.09 | 291.22 16.40 -159.35 | 183.60 15.38 -57.62 | 159.10 13.69 -39.27 | 147.06 10.10 -51.41 | 112.71 8.58 -29.49 | 104.42 7.16 -29.08 |
| GLOBAL GREEN_PORT_GT1 23814 | 93.58 11.24 -33.04 | 88.96 9.25 -36.87 | 82.02 8.86 -29.91 | 68.24 8.68 -17.61 | 68.19 8.46 -18.24 | 72.56 8.21 -23.52 | 86.86 9.66 -33.46 | 96.42 14.55 -24.36 | 105.75 18.72 -19.68 | 121.02 19.69 -23.48 | 155.80 25.25 -37.01 | 175.07 32.76 -34.91 | 217.79 39.94 -53.43 | 322.54 47.16 -127.09 | 399.34 49.90 -197.29 | 424.04 51.32 -218.15 | 423.94 51.11 -218.89 | 343.96 44.24 -166.09 | 311.90 37.07 -159.35 | 208.27 40.04 -57.62 | 181.60 36.19 -39.27 | 164.17 27.21 -51.41 | 126.75 22.62 -29.49 | 109.35 17.93 -23.24 |
| GOETHSLN___LBMP 323567 | 66.62 5.03 -12.28 | 63.11 4.20 -16.07 | 56.01 3.72 -9.05 | 55.09 3.73 -9.41 | 49.49 3.48 -4.52 | 48.23 3.31 -4.10 | 51.85 4.42 -3.70 | 67.95 6.10 -4.35 | 78.34 7.27 -3.73 | 86.64 8.80 0.00 | 104.20 10.66 0.00 | 131.13 13.86 -9.87 | 159.99 16.42 -19.15 | 187.56 19.72 -19.53 | 222.31 19.93 -50.23 | 243.61 20.40 -68.64 | 252.70 20.47 -78.29 | 225.83 17.64 -74.54 | 168.32 15.24 -37.59 | 128.74 14.27 -3.86 | 118.33 12.52 0.33 | 94.88 9.33 0.00 | 83.07 8.06 -0.37 | 74.98 6.27 -0.53 |
| GOODYEAR_LAKE_HYD 323669 | 51.92 2.61 0.00 | 46.04 2.36 -0.85 | 45.58 2.34 0.00 | 44.25 2.31 0.00 | 43.77 2.28 0.00 | 42.91 2.08 0.00 | 46.18 2.45 0.00 | 60.84 3.34 0.00 | 71.85 4.51 0.00 | 83.45 5.60 0.00 | 100.64 7.11 0.00 | 118.94 8.70 -2.84 | 147.60 10.08 -13.11 | 167.92 12.01 -7.61 | 166.91 12.48 -2.29 | 170.65 12.98 -3.10 | 170.56 13.09 -3.53 | 147.96 10.96 -3.36 | 128.43 9.12 -3.83 | 120.35 8.63 -1.11 | 114.31 8.17 0.00 | 91.71 6.16 0.00 | 79.57 4.93 0.00 | 72.13 3.95 0.00 |
| GOUDEY___7 23579 | 49.99 0.69 0.00 | 43.82 0.43 -0.56 | 43.63 0.39 0.00 | 42.32 0.38 0.00 | 41.94 0.46 0.00 | 41.36 0.53 0.00 | 44.56 0.83 0.00 | 59.00 1.50 0.00 | 69.83 2.49 0.00 | 80.57 2.72 0.00 | 96.81 3.27 0.00 | 114.80 4.19 -3.21 | 133.88 4.98 -4.49 | 156.84 6.08 -2.47 | 158.70 6.54 -0.01 | 161.99 7.42 0.00 | 161.49 7.54 0.00 | 139.92 6.28 0.00 | 123.04 4.85 -2.71 | 116.07 4.20 -1.25 | 110.17 4.03 0.00 | 88.55 2.99 0.00 | 77.03 2.39 0.00 | 69.61 1.43 0.00 |
| GOUDEY___8 23580 | 49.94 0.64 0.00 | 43.78 0.39 -0.56 | 43.59 0.35 0.00 | 42.28 0.34 0.00 | 41.90 0.41 0.00 | 41.32 0.49 0.00 | 44.52 0.79 0.00 | 58.89 1.38 0.00 | 69.70 2.36 0.00 | 80.49 2.65 0.00 | 96.72 3.18 0.00 | 114.59 3.97 -3.21 | 133.63 4.73 -4.49 | 156.70 5.93 -2.47 | 158.39 6.24 -0.01 | 161.84 7.26 0.00 | 161.18 7.24 0.00 | 139.79 6.15 0.00 | 122.81 4.62 -2.71 | 115.85 3.98 -1.25 | 110.06 3.93 0.00 | 88.37 2.82 0.00 | 76.95 2.31 0.00 | 69.54 1.36 0.00 |
| GOWANUS_GT1_1 24077 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT1_2 24078 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT1_3 24079 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT1_4 24080 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT1_5 24084 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT1_6 24111 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT1_7 24112 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT1_8 24113 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT2_1 24114 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT2_2 24115 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |

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| GOWANUS_GT2_3 24116 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT2_4 24117 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT2_5 24118 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT2_6 24119 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT2_7 24120 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT2_8 24121 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT3_1 24122 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT3_2 24123 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT3_3 24124 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT3_4 24125 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT3_5 24126 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT3_6 24127 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT3_7 24128 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT3_8 24129 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT4_1 24130 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT4_2 24131 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |

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|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| GOWANUS_GT4_3 24132 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT4_4 24133 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT4_5 24134 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT4_6 24135 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT4_7 24136 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GOWANUS_GT4_8 24137 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.25 15.82 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| GREENIDGE___3 23582 | 49.70 0.39 0.00 | 43.16 0.00 -0.33 | 43.07 -0.17 0.00 | 41.82 -0.13 0.00 | 41.53 0.04 0.00 | 41.24 0.41 0.00 | 44.43 0.70 0.00 | 59.52 2.01 0.00 | 70.84 3.50 0.00 | 81.19 3.35 0.00 | 97.37 3.83 0.00 | 113.81 4.51 -1.89 | 132.74 5.97 -2.35 | 157.15 7.56 -1.29 | 160.06 7.91 0.00 | 164.16 9.58 0.00 | 163.49 9.54 0.00 | 141.66 8.02 0.00 | 122.62 5.54 -1.60 | 115.77 4.42 -0.74 | 110.70 4.56 0.00 | 89.06 3.51 0.00 | 77.63 2.99 0.00 | 69.75 1.57 0.00 |
| GREENIDGE___4 23583 | 49.70 0.39 0.00 | 43.16 0.00 -0.33 | 43.07 -0.17 0.00 | 41.82 -0.13 0.00 | 41.53 0.04 0.00 | 41.24 0.41 0.00 | 44.43 0.70 0.00 | 59.52 2.01 0.00 | 70.84 3.50 0.00 | 81.19 3.35 0.00 | 97.37 3.83 0.00 | 113.81 4.51 -1.89 | 132.74 5.97 -2.35 | 157.15 7.56 -1.29 | 160.06 7.91 0.00 | 164.16 9.58 0.00 | 163.49 9.54 0.00 | 141.66 8.02 0.00 | 122.62 5.54 -1.60 | 115.77 4.42 -0.74 | 110.70 4.56 0.00 | 89.06 3.51 0.00 | 77.63 2.99 0.00 | 69.75 1.57 0.00 |
| GROVEVILLE___HYD 323602 | 54.23 4.93 0.00 | 48.27 3.77 -1.66 | 46.83 3.59 0.00 | 45.42 3.48 0.00 | 44.84 3.36 0.00 | 44.05 3.23 0.00 | 47.71 3.98 0.00 | 62.97 5.46 0.00 | 73.87 6.53 0.00 | 86.09 8.25 0.00 | 103.54 10.01 0.00 | 130.91 13.43 -10.08 | 158.50 15.80 -18.28 | 184.31 18.83 -17.18 | 211.25 19.32 -39.78 | 228.86 19.94 -54.34 | 235.94 20.01 -61.99 | 210.04 17.37 -59.02 | 164.16 15.13 -33.55 | 128.71 14.16 -3.94 | 118.76 12.63 0.00 | 94.53 8.98 0.00 | 82.93 8.29 0.00 | 75.47 7.30 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 49.80 0.49 0.00 | 43.14 0.30 0.00 | 43.59 0.35 0.00 | 42.32 0.38 0.00 | 41.86 0.37 0.00 | 41.52 0.69 0.00 | 44.21 0.48 0.00 | 58.31 0.81 0.00 | 68.29 0.94 0.00 | 77.30 -0.54 0.00 | 93.07 -0.47 0.00 | 104.93 -2.47 0.00 | 119.49 -2.61 2.32 | 144.21 -2.82 1.27 | 149.25 -2.89 0.00 | 150.86 -3.71 0.00 | 150.56 -3.39 0.00 | 129.90 -3.74 0.00 | 111.78 -3.70 0.00 | 107.51 -3.10 0.00 | 104.86 -1.27 0.00 | 85.72 0.17 0.00 | 75.54 0.90 0.00 | 69.61 1.43 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 51.28 1.97 0.00 | 44.51 1.71 0.04 | 44.93 1.69 0.00 | 43.62 1.68 0.00 | 43.19 1.70 0.00 | 42.42 1.59 0.00 | 45.48 1.75 0.00 | 59.87 2.36 0.00 | 70.17 2.83 0.00 | 81.27 3.43 0.00 | 97.74 4.21 0.00 | 112.10 4.94 0.24 | 124.36 5.47 5.53 | 151.19 5.93 3.04 | 157.92 5.78 0.01 | 160.76 6.18 0.00 | 160.56 6.62 0.00 | 139.39 5.75 0.00 | 120.35 5.08 0.21 | 115.38 4.87 0.10 | 110.80 4.67 0.00 | 89.14 3.59 0.00 | 77.70 3.06 0.00 | 70.90 2.73 0.00 |
| HARZA MOOSE___RIVER 24016 | 51.18 1.87 0.00 | 44.38 1.54 0.00 | 44.76 1.51 0.00 | 43.45 1.51 0.00 | 43.02 1.53 0.00 | 42.46 1.63 0.00 | 45.53 1.79 0.00 | 60.21 2.70 0.00 | 70.78 3.43 0.00 | 80.57 2.72 0.00 | 97.18 3.65 0.00 | 110.84 3.44 0.00 | 125.92 4.48 2.97 | 152.45 5.78 1.63 | 157.92 5.78 0.01 | 160.60 6.03 0.00 | 160.25 6.31 0.00 | 137.92 4.28 0.00 | 118.37 2.89 0.00 | 113.49 2.88 0.00 | 110.38 4.25 0.00 | 88.97 3.42 0.00 | 78.15 3.51 0.00 | 71.72 3.55 0.00 |
| HEMPSTEAD___ 23647 | 85.68 5.67 -30.70 | 82.02 4.80 -34.38 | 75.50 4.45 -27.80 | 62.63 4.32 -16.37 | 62.54 4.11 -16.95 | 66.65 3.96 -21.86 | 79.86 5.03 -31.10 | 88.88 7.02 -24.36 | 95.37 8.35 -19.68 | 111.44 10.12 -23.48 | 142.80 12.25 -37.01 | 158.00 15.68 -34.91 | 196.39 18.54 -53.43 | 297.18 21.80 -127.09 | 372.11 22.67 -197.29 | 396.06 23.34 -218.15 | 396.08 23.25 -218.89 | 319.78 20.05 -166.09 | 291.92 17.09 -159.35 | 184.38 16.15 -57.62 | 159.95 14.54 -39.27 | 147.74 10.78 -51.41 | 113.31 9.18 -29.49 | 104.41 7.30 -28.94 |
| HICKLING___1 23621 | 51.13 1.82 0.00 | 44.46 1.20 -0.43 | 44.32 1.08 0.00 | 42.99 1.05 0.00 | 42.73 1.24 0.00 | 42.38 1.55 0.00 | 45.88 2.14 0.00 | 61.65 4.14 0.00 | 73.74 6.40 0.00 | 84.77 6.93 0.00 | 101.67 8.14 0.00 | 119.66 9.77 -2.48 | 139.50 11.82 -3.27 | 165.37 15.27 -1.80 | 168.13 15.98 -0.01 | 172.35 17.78 0.00 | 171.95 18.01 0.00 | 148.88 15.24 0.00 | 128.89 11.32 -2.10 | 121.31 9.73 -0.97 | 115.79 9.66 0.00 | 92.91 7.36 0.00 | 80.84 6.20 0.00 | 72.13 3.95 0.00 |
| HICKLING___2 23622 | 51.13 1.82 0.00 | 44.46 1.20 -0.43 | 44.32 1.08 0.00 | 42.99 1.05 0.00 | 42.73 1.24 0.00 | 42.38 1.55 0.00 | 45.88 2.14 0.00 | 61.65 4.14 0.00 | 73.74 6.40 0.00 | 84.77 6.93 0.00 | 101.67 8.14 0.00 | 119.66 9.77 -2.48 | 139.50 11.82 -3.27 | 165.37 15.27 -1.80 | 168.13 15.98 -0.01 | 172.35 17.78 0.00 | 171.95 18.01 0.00 | 148.88 15.24 0.00 | 128.89 11.32 -2.10 | 121.31 9.73 -0.97 | 115.79 9.66 0.00 | 92.91 7.36 0.00 | 80.84 6.20 0.00 | 72.13 3.95 0.00 |
| HIGH FALLS___HY 23754 | 56.65 7.35 0.00 | 50.42 5.95 -1.63 | 48.95 5.71 0.00 | 47.35 5.41 0.00 | 46.75 5.27 0.00 | 46.01 5.19 0.00 | 49.86 6.12 0.00 | 66.37 8.86 0.00 | 77.44 10.10 0.00 | 90.30 12.45 0.00 | 108.78 15.25 0.00 | 137.95 20.62 -9.93 | 165.04 24.88 -15.73 | 190.68 29.36 -13.02 | 209.54 33.02 -24.38 | 222.03 34.16 -33.30 | 227.17 35.25 -37.98 | 200.54 30.74 -36.16 | 165.31 26.10 -23.73 | 138.82 24.33 -3.88 | 129.16 23.03 0.00 | 102.32 16.77 0.00 | 88.75 14.11 0.00 | 80.11 11.93 0.00 |

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| HILLBURN___GT 23639 | 54.23 4.93 0.00 | 48.47 4.07 -1.56 | 46.96 3.72 0.00 | 45.51 3.57 0.00 | 44.93 3.44 0.00 | 44.10 3.27 0.00 | 48.06 4.33 0.00 | 63.38 5.87 0.00 | 74.48 7.14 0.00 | 86.95 9.11 0.00 | 104.85 11.32 0.00 | 131.90 15.04 -9.46 | 159.87 17.67 -17.79 | 187.62 21.65 -17.67 | 218.54 22.37 -44.03 | 237.76 23.03 -60.15 | 245.64 23.09 -68.61 | 218.89 19.91 -65.33 | 168.27 17.09 -35.70 | 130.12 15.82 -3.69 | 120.25 14.12 0.00 | 95.73 10.18 0.00 | 82.93 8.29 0.00 | 74.65 6.48 0.00 |
| HISHELDN_WT_PWR 323625 | 47.28 -2.02 0.00 | 40.90 -2.23 -0.29 | 40.86 -2.38 0.00 | 39.76 -2.18 0.00 | 39.66 -1.83 0.00 | 39.44 -1.39 0.00 | 42.11 -1.62 0.00 | 55.61 -1.90 0.00 | 66.80 -0.54 0.00 | 75.51 -2.34 0.00 | 90.45 -3.09 0.00 | 105.57 -3.54 -1.71 | 123.40 -3.11 -2.10 | 145.00 -4.45 -1.15 | 148.35 -3.80 0.00 | 152.72 -1.85 0.00 | 151.79 -2.16 0.00 | 131.50 -2.14 0.00 | 114.15 -2.77 -1.45 | 107.19 -4.09 -0.67 | 102.84 -3.29 0.00 | 82.81 -2.74 0.00 | 72.55 -2.09 0.00 | 65.52 -2.66 0.00 |
| HOLTSVILLE_IC_1 23690 | 87.97 5.62 -33.05 | 84.34 4.63 -36.88 | 77.45 4.28 -29.92 | 63.79 4.24 -17.62 | 63.75 4.02 -18.24 | 68.28 3.92 -23.53 | 82.15 4.94 -33.47 | 89.11 7.25 -24.36 | 95.58 8.55 -19.68 | 111.60 10.28 -23.48 | 142.99 12.44 -37.01 | 158.32 16.00 -34.91 | 196.88 19.04 -53.43 | 297.03 21.65 -127.09 | 371.96 22.52 -197.29 | 395.91 23.19 -218.15 | 395.92 23.09 -218.89 | 319.78 20.05 -166.09 | 291.92 17.09 -159.35 | 185.26 17.03 -57.62 | 160.69 15.28 -39.27 | 148.34 11.38 -51.41 | 113.83 9.70 -29.49 | 98.62 7.23 -23.21 |
| HOLTSVILLE_IC_10 23699 | 88.62 6.31 -33.01 | 84.86 5.18 -36.84 | 77.97 4.84 -29.89 | 64.32 4.78 -17.60 | 64.27 4.56 -18.22 | 68.78 4.45 -23.50 | 82.72 5.55 -33.44 | 90.09 8.22 -24.36 | 96.72 9.70 -19.68 | 112.92 11.60 -23.48 | 144.67 14.12 -37.01 | 160.36 18.04 -34.91 | 199.37 21.52 -53.43 | 300.44 25.06 -127.09 | 375.61 26.17 -197.29 | 399.62 26.90 -218.15 | 399.62 26.79 -218.89 | 322.98 23.25 -166.09 | 294.57 19.75 -159.35 | 187.59 19.36 -57.62 | 162.81 17.41 -39.27 | 150.05 13.09 -51.41 | 115.25 11.12 -29.49 | 99.83 8.32 -23.34 |
| HOLTSVILLE_IC_2 23691 | 87.97 5.62 -33.05 | 84.34 4.63 -36.88 | 77.45 4.28 -29.92 | 63.79 4.24 -17.62 | 63.75 4.02 -18.24 | 68.28 3.92 -23.53 | 82.15 4.94 -33.47 | 89.11 7.25 -24.36 | 95.58 8.55 -19.68 | 111.60 10.28 -23.48 | 142.99 12.44 -37.01 | 158.32 16.00 -34.91 | 196.88 19.04 -53.43 | 297.03 21.65 -127.09 | 371.96 22.52 -197.29 | 395.91 23.19 -218.15 | 395.92 23.09 -218.89 | 319.78 20.05 -166.09 | 291.92 17.09 -159.35 | 185.26 17.03 -57.62 | 160.69 15.28 -39.27 | 148.34 11.38 -51.41 | 113.83 9.70 -29.49 | 98.62 7.23 -23.21 |
| HOLTSVILLE_IC_3 23692 | 87.97 5.62 -33.05 | 84.34 4.63 -36.88 | 77.45 4.28 -29.92 | 63.79 4.24 -17.62 | 63.75 4.02 -18.24 | 68.28 3.92 -23.53 | 82.15 4.94 -33.47 | 89.11 7.25 -24.36 | 95.58 8.55 -19.68 | 111.60 10.28 -23.48 | 142.99 12.44 -37.01 | 158.32 16.00 -34.91 | 196.88 19.04 -53.43 | 297.03 21.65 -127.09 | 371.96 22.52 -197.29 | 395.91 23.19 -218.15 | 395.92 23.09 -218.89 | 319.78 20.05 -166.09 | 291.92 17.09 -159.35 | 185.26 17.03 -57.62 | 160.69 15.28 -39.27 | 148.34 11.38 -51.41 | 113.83 9.70 -29.49 | 98.62 7.23 -23.21 |
| HOLTSVILLE_IC_4 23693 | 87.97 5.62 -33.05 | 84.34 4.63 -36.88 | 77.45 4.28 -29.92 | 63.79 4.24 -17.62 | 63.75 4.02 -18.24 | 68.28 3.92 -23.53 | 82.15 4.94 -33.47 | 89.11 7.25 -24.36 | 95.58 8.55 -19.68 | 111.60 10.28 -23.48 | 142.99 12.44 -37.01 | 158.32 16.00 -34.91 | 196.88 19.04 -53.43 | 297.03 21.65 -127.09 | 371.96 22.52 -197.29 | 395.91 23.19 -218.15 | 395.92 23.09 -218.89 | 319.78 20.05 -166.09 | 291.92 17.09 -159.35 | 185.26 17.03 -57.62 | 160.69 15.28 -39.27 | 148.34 11.38 -51.41 | 113.83 9.70 -29.49 | 98.62 7.23 -23.21 |
| HOLTSVILLE_IC_5 23694 | 87.97 5.62 -33.05 | 84.34 4.63 -36.88 | 77.45 4.28 -29.92 | 63.79 4.24 -17.62 | 63.75 4.02 -18.24 | 68.28 3.92 -23.53 | 82.15 4.94 -33.47 | 89.11 7.25 -24.36 | 95.58 8.55 -19.68 | 111.60 10.28 -23.48 | 142.99 12.44 -37.01 | 158.32 16.00 -34.91 | 196.88 19.04 -53.43 | 297.03 21.65 -127.09 | 371.96 22.52 -197.29 | 395.91 23.19 -218.15 | 395.92 23.09 -218.89 | 319.78 20.05 -166.09 | 291.92 17.09 -159.35 | 185.26 17.03 -57.62 | 160.69 15.28 -39.27 | 148.34 11.38 -51.41 | 113.83 9.70 -29.49 | 98.62 7.23 -23.21 |
| HOLTSVILLE_IC_6 23695 | 88.62 6.31 -33.01 | 84.86 5.18 -36.84 | 77.97 4.84 -29.89 | 64.32 4.78 -17.60 | 64.27 4.56 -18.22 | 68.78 4.45 -23.50 | 82.72 5.55 -33.44 | 90.09 8.22 -24.36 | 96.72 9.70 -19.68 | 112.92 11.60 -23.48 | 144.67 14.12 -37.01 | 160.36 18.04 -34.91 | 199.37 21.52 -53.43 | 300.44 25.06 -127.09 | 375.61 26.17 -197.29 | 399.62 26.90 -218.15 | 399.62 26.79 -218.89 | 322.98 23.25 -166.09 | 294.57 19.75 -159.35 | 187.59 19.36 -57.62 | 162.81 17.41 -39.27 | 150.05 13.09 -51.41 | 115.25 11.12 -29.49 | 99.83 8.32 -23.34 |
| HOLTSVILLE_IC_7 23696 | 88.62 6.31 -33.01 | 84.86 5.18 -36.84 | 77.97 4.84 -29.89 | 64.32 4.78 -17.60 | 64.27 4.56 -18.22 | 68.78 4.45 -23.50 | 82.72 5.55 -33.44 | 90.09 8.22 -24.36 | 96.72 9.70 -19.68 | 112.92 11.60 -23.48 | 144.67 14.12 -37.01 | 160.36 18.04 -34.91 | 199.37 21.52 -53.43 | 300.44 25.06 -127.09 | 375.61 26.17 -197.29 | 399.62 26.90 -218.15 | 399.62 26.79 -218.89 | 322.98 23.25 -166.09 | 294.57 19.75 -159.35 | 187.59 19.36 -57.62 | 162.81 17.41 -39.27 | 150.05 13.09 -51.41 | 115.25 11.12 -29.49 | 99.83 8.32 -23.34 |
| HOLTSVILLE_IC_8 23697 | 88.62 6.31 -33.01 | 84.86 5.18 -36.84 | 77.97 4.84 -29.89 | 64.32 4.78 -17.60 | 64.27 4.56 -18.22 | 68.78 4.45 -23.50 | 82.72 5.55 -33.44 | 90.09 8.22 -24.36 | 96.72 9.70 -19.68 | 112.92 11.60 -23.48 | 144.67 14.12 -37.01 | 160.36 18.04 -34.91 | 199.37 21.52 -53.43 | 300.44 25.06 -127.09 | 375.61 26.17 -197.29 | 399.62 26.90 -218.15 | 399.62 26.79 -218.89 | 322.98 23.25 -166.09 | 294.57 19.75 -159.35 | 187.59 19.36 -57.62 | 162.81 17.41 -39.27 | 150.05 13.09 -51.41 | 115.25 11.12 -29.49 | 99.83 8.32 -23.34 |
| HOLTSVILLE_IC_9 23698 | 88.62 6.31 -33.01 | 84.86 5.18 -36.84 | 77.97 4.84 -29.89 | 64.32 4.78 -17.60 | 64.27 4.56 -18.22 | 68.78 4.45 -23.50 | 82.72 5.55 -33.44 | 90.09 8.22 -24.36 | 96.72 9.70 -19.68 | 112.92 11.60 -23.48 | 144.67 14.12 -37.01 | 160.36 18.04 -34.91 | 199.37 21.52 -53.43 | 300.44 25.06 -127.09 | 375.61 26.17 -197.29 | 399.62 26.90 -218.15 | 399.62 26.79 -218.89 | 322.98 23.25 -166.09 | 294.57 19.75 -159.35 | 187.59 19.36 -57.62 | 162.81 17.41 -39.27 | 150.05 13.09 -51.41 | 115.25 11.12 -29.49 | 99.83 8.32 -23.34 |
| HQ_GEN_CEDARS 23644 | 47.43 -1.87 0.00 | 41.12 -1.71 0.00 | 41.69 -1.56 0.00 | 40.43 -1.51 0.00 | 39.95 -1.53 0.00 | 39.85 -0.98 0.00 | 42.03 -1.71 0.00 | 55.27 -2.24 0.00 | 64.58 -2.76 0.00 | 74.18 -3.66 0.00 | 89.14 -4.40 0.00 | 100.53 -6.87 0.00 | 113.68 -8.21 2.53 | 137.12 -9.79 1.39 | 142.41 -9.74 0.00 | 143.60 -10.97 0.00 | 143.17 -10.78 0.00 | 124.29 -9.36 0.00 | 107.74 -7.74 0.00 | 103.31 -7.30 0.00 | 99.87 -6.26 0.00 | 81.87 -3.68 0.00 | 71.80 -2.84 0.00 | 65.79 -2.39 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 47.43 -1.87 0.00 | 41.12 -1.71 0.00 | 41.69 -1.56 0.00 | 40.43 -1.51 0.00 | 39.95 -1.53 0.00 | 39.85 -0.98 0.00 | 42.03 -1.71 0.00 | 55.27 -2.24 0.00 | 63.99 -2.76 0.59 | 72.33 -3.66 1.85 | 91.58 -4.40 -2.44 | 100.53 -6.87 0.00 | 113.68 -8.21 2.53 | 137.12 -9.79 1.39 | 142.41 -9.74 0.00 | 143.60 -10.97 0.00 | 143.17 -10.78 0.00 | 124.29 -9.36 0.00 | 107.74 -7.74 0.00 | 103.31 -7.30 0.00 | 99.87 -6.26 0.00 | 90.51 -8.64 0.00 | 67.86 -3.94 0.00 | 61.10 -4.69 0.00 |
| HQ_GEN_IMPORT 323601 | 37.65 -1.28 10.37 | 37.65 -1.16 4.03 | 37.65 -1.04 4.56 | 37.65 -1.01 3.29 | 37.65 -1.00 2.84 | 37.65 -0.90 2.28 | 37.65 -1.18 4.90 | 55.96 -1.55 0.00 | 64.87 -1.89 0.59 | 68.88 -2.26 6.70 | 72.33 -2.71 18.49 | 82.16 -3.65 21.59 | 91.97 -4.48 27.97 | 115.68 -5.34 27.28 | 112.83 -5.33 33.99 | 105.56 -5.87 43.14 | 111.60 -5.85 36.49 | 105.02 -4.94 23.68 | 89.28 -4.16 22.04 | 78.29 -3.87 28.45 | 76.28 -3.61 26.24 | 68.88 -2.40 14.28 | 68.68 -2.02 3.94 | 37.65 -1.77 28.76 |
| HQ_GEN_WHEEL 23651 | 46.56 -1.28 1.46 | 41.68 -1.16 0.00 | 42.21 -1.04 0.00 | 40.94 -1.01 0.00 | 40.49 -1.00 0.00 | 39.93 -0.90 0.00 | 41.41 -1.18 1.14 | 55.96 -1.55 0.00 | 64.87 -1.89 0.59 | 68.88 -2.26 6.70 | 72.33 -2.71 18.49 | 82.16 -3.65 21.59 | 91.97 -4.48 27.97 | 115.68 -5.34 27.28 | 112.83 -5.33 33.99 | 105.56 -5.87 43.14 | 111.60 -5.85 36.49 | 105.02 -4.94 23.68 | 89.28 -4.16 22.04 | 78.29 -3.87 28.45 | 76.28 -3.61 26.24 | 68.88 -2.40 14.28 | 68.68 -2.02 3.94 | 57.65 -1.77 8.75 |

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|------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|
| HUDSON AVE_GT_3 23810 | 54.73 5.42 0.00 | 48.96 4.50 -1.63 | 47.31 4.06 0.00 | 45.93 3.98 0.00 | 45.30 3.82 0.00 | 44.46 3.63 0.00 | 48.46 4.72 0.00 | 64.01 6.50 0.00 | 75.15 7.81 0.00 | 87.42 9.57 0.00 | 105.13 11.60 0.00 | 132.21 14.93 -9.87 | 161.36 17.79 -19.15 | 189.04 21.21 -19.53 | 223.99 21.60 -50.23 | 245.31 22.10 -68.64 | 254.40 22.17 -78.29 | 227.30 19.11 -74.54 | 171.94 16.51 -39.95 | 129.95 15.49 -3.86 | 119.82 13.69 0.00 | 95.73 10.18 0.00 | 83.37 8.73 0.00 | 75.20 7.02 0.00 |
| HUDSON AVE_GT_4 23540 | 54.73 5.42 0.00 | 48.96 4.50 -1.63 | 47.31 4.06 0.00 | 45.93 3.98 0.00 | 45.30 3.82 0.00 | 44.46 3.63 0.00 | 48.46 4.72 0.00 | 64.01 6.50 0.00 | 75.15 7.81 0.00 | 87.42 9.57 0.00 | 105.13 11.60 0.00 | 132.21 14.93 -9.87 | 161.36 17.79 -19.15 | 189.04 21.21 -19.53 | 223.99 21.60 -50.23 | 245.31 22.10 -68.64 | 254.40 22.17 -78.29 | 227.30 19.11 -74.54 | 171.94 16.51 -39.95 | 129.95 15.49 -3.86 | 119.82 13.69 0.00 | 95.73 10.18 0.00 | 83.37 8.73 0.00 | 75.20 7.02 0.00 |
| HUDSON AVE_GT_5 23657 | 54.73 5.42 0.00 | 48.96 4.50 -1.63 | 47.31 4.06 0.00 | 45.93 3.98 0.00 | 45.30 3.82 0.00 | 44.46 3.63 0.00 | 48.46 4.72 0.00 | 64.01 6.50 0.00 | 75.15 7.81 0.00 | 87.42 9.57 0.00 | 105.13 11.60 0.00 | 132.21 14.93 -9.87 | 161.36 17.79 -19.15 | 189.04 21.21 -19.53 | 223.99 21.60 -50.23 | 245.31 22.10 -68.64 | 254.40 22.17 -78.29 | 227.30 19.11 -74.54 | 171.94 16.51 -39.95 | 129.95 15.49 -3.86 | 119.82 13.69 0.00 | 95.73 10.18 0.00 | 83.37 8.73 0.00 | 75.20 7.02 0.00 |
| HUDSON_AVE_10 24168 | 54.58 5.28 0.00 | 48.88 4.41 -1.63 | 47.22 3.98 0.00 | 45.84 3.90 0.00 | 45.18 3.69 0.00 | 44.34 3.51 0.00 | 48.24 4.50 0.00 | 63.84 6.33 0.00 | 74.75 7.41 0.00 | 87.03 9.19 0.00 | 96.54 10.85 7.84 | 109.32 13.96 12.05 | 123.18 16.67 17.91 | 151.24 19.87 16.93 | 154.79 20.24 17.59 | 163.07 20.71 12.22 | 167.38 20.78 7.34 | 154.66 17.91 -3.11 | 170.90 15.47 -39.95 | 129.07 14.60 -3.86 | 118.98 12.84 0.00 | 95.30 9.75 0.00 | 82.85 8.21 0.00 | 74.79 6.61 0.00 |
| HUNTER MOUNT___DRP 323613 | 54.43 5.13 0.00 | 49.06 4.41 -1.81 | 47.48 4.24 0.00 | 45.93 3.98 0.00 | 45.43 3.94 0.00 | 44.67 3.84 0.00 | 48.37 4.64 0.00 | 64.01 6.50 0.00 | 75.02 7.68 0.00 | 87.96 10.12 0.00 | 106.07 12.53 0.00 | 135.30 16.86 -11.03 | 161.38 19.78 -17.18 | 184.99 24.32 -12.37 | 193.28 24.80 -16.33 | 201.74 24.89 -22.29 | 203.99 24.63 -25.42 | 179.63 21.78 -24.20 | 153.55 18.48 -19.60 | 132.17 17.26 -4.31 | 122.05 15.92 0.00 | 96.93 11.38 0.00 | 83.52 8.88 0.00 | 75.68 7.50 0.00 |
| HUNTLEY___63 23557 | 47.13 -2.17 0.00 | 40.70 -2.40 -0.26 | 40.65 -2.59 0.00 | 39.59 -2.35 0.00 | 39.53 -1.95 0.00 | 39.36 -1.47 0.00 | 41.90 -1.84 0.00 | 55.27 -2.24 0.00 | 66.47 -0.88 0.00 | 74.65 -3.19 0.00 | 89.33 -4.21 0.00 | 103.74 -5.16 -1.49 | 121.58 -4.60 -1.77 | 142.59 -6.67 -0.97 | 146.06 -6.09 0.00 | 150.71 -3.86 0.00 | 149.79 -4.16 0.00 | 129.63 -4.01 0.00 | 112.58 -4.16 -1.26 | 105.55 -5.64 -0.58 | 101.46 -4.67 0.00 | 81.87 -3.68 0.00 | 72.03 -2.61 0.00 | 65.18 -3.00 0.00 |
| HUNTLEY___64 23558 | 47.13 -2.17 0.00 | 40.70 -2.40 -0.26 | 40.65 -2.59 0.00 | 39.59 -2.35 0.00 | 39.53 -1.95 0.00 | 39.36 -1.47 0.00 | 41.90 -1.84 0.00 | 55.27 -2.24 0.00 | 66.47 -0.88 0.00 | 74.65 -3.19 0.00 | 89.33 -4.21 0.00 | 103.74 -5.16 -1.49 | 121.58 -4.60 -1.77 | 142.59 -6.67 -0.97 | 146.06 -6.09 0.00 | 150.71 -3.86 0.00 | 149.79 -4.16 0.00 | 129.63 -4.01 0.00 | 112.58 -4.16 -1.26 | 105.55 -5.64 -0.58 | 101.46 -4.67 0.00 | 81.87 -3.68 0.00 | 72.03 -2.61 0.00 | 65.18 -3.00 0.00 |
| HUNTLEY___65 23559 | 47.13 -2.17 0.00 | 40.70 -2.40 -0.26 | 40.65 -2.59 0.00 | 39.59 -2.35 0.00 | 39.53 -1.95 0.00 | 39.36 -1.47 0.00 | 41.90 -1.84 0.00 | 55.27 -2.24 0.00 | 66.47 -0.88 0.00 | 74.65 -3.19 0.00 | 89.33 -4.21 0.00 | 103.74 -5.16 -1.49 | 121.58 -4.60 -1.77 | 142.59 -6.67 -0.97 | 146.06 -6.09 0.00 | 150.71 -3.86 0.00 | 149.79 -4.16 0.00 | 129.63 -4.01 0.00 | 112.58 -4.16 -1.26 | 105.55 -5.64 -0.58 | 101.46 -4.67 0.00 | 81.87 -3.68 0.00 | 72.03 -2.61 0.00 | 65.18 -3.00 0.00 |
| HUNTLEY___66 23560 | 47.13 -2.17 0.00 | 40.70 -2.40 -0.26 | 40.65 -2.59 0.00 | 39.59 -2.35 0.00 | 39.53 -1.95 0.00 | 39.36 -1.47 0.00 | 41.90 -1.84 0.00 | 55.27 -2.24 0.00 | 66.47 -0.88 0.00 | 74.65 -3.19 0.00 | 89.33 -4.21 0.00 | 103.74 -5.16 -1.49 | 121.58 -4.60 -1.77 | 142.59 -6.67 -0.97 | 146.06 -6.09 0.00 | 150.71 -3.86 0.00 | 149.79 -4.16 0.00 | 129.63 -4.01 0.00 | 112.58 -4.16 -1.26 | 105.55 -5.64 -0.58 | 101.46 -4.67 0.00 | 81.87 -3.68 0.00 | 72.03 -2.61 0.00 | 65.18 -3.00 0.00 |
| HUNTLEY___67 23561 | 46.35 -2.96 0.00 | 40.10 -3.00 -0.26 | 40.04 -3.20 0.00 | 39.05 -2.89 0.00 | 39.00 -2.49 0.00 | 38.79 -2.04 0.00 | 41.20 -2.54 0.00 | 54.23 -3.28 0.00 | 65.19 -2.15 0.00 | 73.25 -4.59 0.00 | 87.74 -5.80 0.00 | 102.28 -6.66 -1.54 | 119.66 -6.59 -1.83 | 140.26 -9.05 -1.01 | 143.48 -8.67 0.00 | 148.08 -6.49 0.00 | 147.17 -6.77 0.00 | 127.36 -6.28 0.00 | 110.77 -6.00 -1.30 | 103.91 -7.30 -0.60 | 99.77 -6.37 0.00 | 80.50 -5.05 0.00 | 70.76 -3.88 0.00 | 64.09 -4.09 0.00 |
| HUNTLEY___68 23562 | 46.35 -2.96 0.00 | 40.10 -3.00 -0.26 | 40.04 -3.20 0.00 | 39.05 -2.89 0.00 | 39.00 -2.49 0.00 | 38.79 -2.04 0.00 | 41.20 -2.54 0.00 | 54.23 -3.28 0.00 | 65.19 -2.15 0.00 | 73.25 -4.59 0.00 | 87.74 -5.80 0.00 | 102.28 -6.66 -1.54 | 119.66 -6.59 -1.83 | 140.26 -9.05 -1.01 | 143.48 -8.67 0.00 | 148.08 -6.49 0.00 | 147.17 -6.77 0.00 | 127.36 -6.28 0.00 | 110.77 -6.00 -1.30 | 103.91 -7.30 -0.60 | 99.77 -6.37 0.00 | 80.50 -5.05 0.00 | 70.76 -3.88 0.00 | 64.09 -4.09 0.00 |
| HYLAND___LFGE 323620 | 50.24 0.94 0.00 | 43.30 0.17 -0.29 | 43.07 -0.17 0.00 | 41.90 -0.04 0.00 | 41.73 0.25 0.00 | 41.65 0.82 0.00 | 44.83 1.09 0.00 | 57.05 -0.46 0.00 | 66.47 -0.88 0.00 | 73.02 -4.83 0.00 | 88.11 -5.43 0.00 | 103.17 -5.91 -1.67 | 120.73 -5.72 -2.03 | 142.44 -6.97 -1.12 | 145.00 -7.15 0.00 | 149.01 -5.56 0.00 | 148.09 -5.85 0.00 | 128.43 -5.21 0.00 | 111.12 -5.77 -1.42 | 104.41 -6.86 -0.65 | 100.08 -6.05 0.00 | 80.68 -4.88 0.00 | 70.16 -4.48 0.00 | 63.00 -5.18 0.00 |
| INDECK___CORINTH 23802 | 52.56 3.25 0.00 | 48.01 3.08 -2.09 | 45.92 2.68 0.00 | 44.21 2.26 0.00 | 43.72 2.24 0.00 | 43.20 2.37 0.00 | 46.88 3.15 0.00 | 61.36 3.85 0.00 | 71.85 4.51 0.00 | 84.38 6.54 0.00 | 101.21 7.67 0.00 | 130.75 10.42 -12.92 | 163.38 12.07 -26.89 | 177.03 13.05 -15.68 | 171.06 13.85 -5.07 | 174.89 13.45 -6.86 | 174.55 12.78 -7.83 | 152.86 11.76 -7.46 | 142.63 13.05 -14.10 | 127.94 12.28 -5.05 | 116.85 10.72 0.00 | 93.42 7.87 0.00 | 79.27 4.63 0.00 | 72.20 4.02 0.00 |
| INDECK___ILION 23567 | 50.64 1.33 0.00 | 43.95 1.16 0.04 | 44.37 1.12 0.00 | 43.08 1.13 0.00 | 42.69 1.20 0.00 | 41.89 1.06 0.00 | 44.96 1.22 0.00 | 59.12 1.61 0.00 | 69.30 1.95 0.00 | 80.18 2.34 0.00 | 96.44 2.90 0.00 | 110.60 3.44 0.24 | 122.87 3.98 5.53 | 149.71 4.45 3.04 | 156.55 4.41 0.01 | 159.21 4.64 0.00 | 158.71 4.77 0.00 | 137.65 4.01 0.00 | 118.85 3.58 0.21 | 113.94 3.43 0.10 | 109.42 3.29 0.00 | 88.03 2.48 0.00 | 76.80 2.16 0.00 | 70.09 1.91 0.00 |
| INDECK___OLEAN 23982 | 49.01 -0.30 0.00 | 42.07 -1.07 -0.30 | 41.95 -1.30 0.00 | 40.81 -1.13 0.00 | 40.78 -0.71 0.00 | 40.83 0.35 0.00 | 44.08 0.00 0.00 | 59.64 2.13 0.00 | 73.54 6.20 0.00 | 80.64 2.80 0.00 | 97.28 3.74 0.00 | 113.12 3.97 -1.74 | 132.03 5.47 -2.14 | 155.85 6.38 -1.18 | 159.30 7.15 0.00 | 163.69 9.12 0.00 | 162.41 8.47 0.00 | 139.92 6.28 0.00 | 120.88 3.93 -1.47 | 113.39 2.10 -0.68 | 108.89 2.76 0.00 | 87.01 1.45 0.00 | 76.43 1.79 0.00 | 67.91 -0.27 0.00 |
| INDECK___OSWEGO 23783 | 48.76 -0.54 0.00 | 42.40 -0.56 -0.12 | 42.59 -0.65 0.00 | 41.31 -0.63 0.00 | 40.90 -0.58 0.00 | 40.34 -0.49 0.00 | 43.21 -0.52 0.00 | 56.99 -0.52 0.00 | 66.20 -1.14 0.00 | 75.97 -1.87 0.00 | 90.92 -2.62 0.00 | 104.90 -3.22 -0.72 | 120.81 -3.61 0.00 | 144.14 -4.15 0.00 | 147.74 -4.41 0.00 | 150.55 -4.02 0.00 | 149.94 -4.00 0.00 | 130.03 -3.61 0.00 | 112.51 -3.58 -0.61 | 107.91 -2.99 -0.28 | 103.69 -2.44 0.00 | 83.67 -1.88 0.00 | 73.30 -1.34 0.00 | 67.29 -0.89 0.00 |

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| INDECK____YERKES 23781 | 47.13 -2.17 0.00 | 40.70 -2.40 -0.26 | 40.65 -2.59 0.00 | 39.59 -2.35 0.00 | 39.53 -1.95 0.00 | 39.36 -1.47 0.00 | 41.90 -1.84 0.00 | 55.27 -2.24 0.00 | 66.47 -0.88 0.00 | 74.65 -3.19 0.00 | 89.33 -4.21 0.00 | 103.74 -5.16 -1.49 | 121.58 -4.60 -1.77 | 142.59 -6.67 -0.97 | 146.06 -6.09 0.00 | 150.71 -3.86 0.00 | 149.79 -4.16 0.00 | 129.63 -4.01 0.00 | 112.58 -4.16 -1.26 | 105.55 -5.64 -0.58 | 101.46 -4.67 0.00 | 81.87 -3.68 0.00 | 72.03 -2.61 0.00 | 65.18 -3.00 0.00 |
| INDIAN POINT_GT_1 24139 | 53.84 4.54 0.00 | 48.22 3.77 -1.61 | 46.70 3.46 0.00 | 45.30 3.36 0.00 | 44.68 3.19 0.00 | 43.85 3.02 0.00 | 47.71 3.98 0.00 | 62.97 5.46 0.00 | 73.87 6.53 0.00 | 86.01 8.17 0.00 | 103.64 10.10 0.00 | 130.41 13.21 -9.79 | 159.03 15.68 -18.94 | 186.55 18.98 -19.27 | 221.01 19.47 -49.39 | 242.15 20.09 -67.48 | 250.93 20.01 -76.97 | 224.18 17.24 -73.29 | 169.73 14.90 -39.35 | 128.26 13.83 -3.82 | 118.44 12.31 0.00 | 94.45 8.90 0.00 | 82.03 7.39 0.00 | 74.04 5.86 0.00 |
| INDIAN POINT_GT_2 23659 | 53.84 4.54 0.00 | 48.22 3.77 -1.61 | 46.70 3.46 0.00 | 45.30 3.36 0.00 | 44.68 3.19 0.00 | 43.85 3.02 0.00 | 47.71 3.98 0.00 | 62.97 5.46 0.00 | 73.87 6.53 0.00 | 86.01 8.17 0.00 | 103.64 10.10 0.00 | 130.41 13.21 -9.79 | 159.03 15.68 -18.94 | 186.55 18.98 -19.27 | 221.01 19.47 -49.39 | 242.15 20.09 -67.48 | 250.93 20.01 -76.97 | 224.18 17.24 -73.29 | 169.73 14.90 -39.35 | 128.26 13.83 -3.82 | 118.44 12.31 0.00 | 94.45 8.90 0.00 | 82.03 7.39 0.00 | 74.04 5.86 0.00 |
| INDIAN POINT_GT_3 24019 | 53.84 4.54 0.00 | 48.22 3.77 -1.61 | 46.70 3.46 0.00 | 45.30 3.36 0.00 | 44.68 3.19 0.00 | 43.85 3.02 0.00 | 47.71 3.98 0.00 | 62.97 5.46 0.00 | 73.87 6.53 0.00 | 86.01 8.17 0.00 | 103.64 10.10 0.00 | 130.41 13.21 -9.79 | 159.03 15.68 -18.94 | 186.55 18.98 -19.27 | 221.01 19.47 -49.39 | 242.15 20.09 -67.48 | 250.93 20.01 -76.97 | 224.18 17.24 -73.29 | 169.73 14.90 -39.35 | 128.26 13.83 -3.82 | 118.44 12.31 0.00 | 94.45 8.90 0.00 | 82.03 7.39 0.00 | 74.04 5.86 0.00 |
| INDIAN POINT____2 23530 | 53.74 4.44 0.00 | 48.07 3.64 -1.60 | 46.57 3.33 0.00 | 45.17 3.23 0.00 | 44.55 3.07 0.00 | 43.73 2.90 0.00 | 47.62 3.89 0.00 | 62.80 5.29 0.00 | 73.67 6.33 0.00 | 85.78 7.94 0.00 | 103.45 9.91 0.00 | 130.09 13.00 -9.69 | 158.28 15.30 -18.56 | 185.58 18.54 -18.74 | 218.79 19.02 -47.62 | 239.11 19.48 -65.06 | 247.71 19.55 -74.21 | 221.28 16.97 -70.67 | 168.18 14.55 -38.15 | 128.00 13.61 -3.78 | 118.13 11.99 0.00 | 94.19 8.64 0.00 | 81.81 7.17 0.00 | 73.84 5.66 0.00 |
| INDIAN POINT____3 23531 | 53.64 4.34 0.00 | 48.05 3.60 -1.61 | 46.53 3.29 0.00 | 45.13 3.19 0.00 | 44.51 3.03 0.00 | 43.69 2.86 0.00 | 47.58 3.85 0.00 | 62.68 5.18 0.00 | 73.54 6.20 0.00 | 85.63 7.78 0.00 | 103.17 9.63 0.00 | 129.87 12.67 -9.80 | 158.44 15.05 -18.96 | 185.69 18.09 -19.31 | 220.23 18.56 -49.52 | 241.24 19.01 -67.66 | 250.20 19.09 -77.17 | 223.56 16.44 -73.48 | 169.12 14.20 -39.44 | 127.71 13.27 -3.83 | 117.81 11.67 0.00 | 94.02 8.47 0.00 | 81.66 7.02 0.00 | 73.70 5.52 0.00 |
| IP CORINTH____1 23988 | 53.00 3.70 0.00 | 48.44 3.51 -2.09 | 46.31 3.07 0.00 | 44.63 2.68 0.00 | 44.10 2.61 0.00 | 43.52 2.69 0.00 | 47.23 3.50 0.00 | 61.88 4.37 0.00 | 72.46 5.12 0.00 | 85.00 7.16 0.00 | 101.67 8.14 0.00 | 130.85 10.53 -12.92 | 163.26 11.94 -26.89 | 177.03 13.05 -15.68 | 171.06 13.85 -5.07 | 174.73 13.29 -6.86 | 174.40 12.62 -7.83 | 152.86 11.76 -7.46 | 143.32 13.74 -14.10 | 128.82 13.16 -5.05 | 117.91 11.78 0.00 | 94.36 8.81 0.00 | 80.01 5.37 0.00 | 72.88 4.70 0.00 |
| IP____TICONDEROGA 23804 | 54.58 5.28 0.00 | 49.92 5.05 -2.03 | 47.78 4.54 0.00 | 46.18 4.24 0.00 | 45.67 4.19 0.00 | 44.95 4.12 0.00 | 49.07 5.34 0.00 | 64.35 6.84 0.00 | 75.29 7.95 0.00 | 88.66 10.82 0.00 | 107.00 13.47 0.00 | 135.87 16.00 -12.47 | 166.50 18.29 -23.80 | 184.27 21.21 -14.77 | 183.50 21.91 -9.44 | 188.75 21.33 -12.85 | 189.07 20.47 -14.65 | 166.57 18.98 -13.95 | 148.81 16.86 -16.47 | 131.74 16.26 -4.87 | 120.67 14.54 0.00 | 96.07 10.52 0.00 | 82.25 7.61 0.00 | 75.06 6.89 0.00 |
| JARVIS____ 23743 | 49.75 0.44 0.00 | 43.22 0.43 0.04 | 43.63 0.39 0.00 | 42.32 0.38 0.00 | 41.86 0.37 0.00 | 41.16 0.33 0.00 | 44.13 0.39 0.00 | 57.97 0.46 0.00 | 67.95 0.61 0.00 | 78.62 0.78 0.00 | 94.47 0.94 0.00 | 108.34 1.18 0.24 | 120.26 1.37 5.53 | 146.74 1.48 3.04 | 153.66 1.52 0.01 | 156.27 1.70 0.00 | 155.64 1.69 0.00 | 134.98 1.34 0.00 | 116.54 1.27 0.21 | 111.73 1.22 0.10 | 107.30 1.17 0.00 | 86.41 0.86 0.00 | 75.31 0.67 0.00 | 68.79 0.61 0.00 |
| JENNISON____1 23625 | 52.41 3.11 0.00 | 46.08 2.61 -0.63 | 45.79 2.55 0.00 | 44.46 2.52 0.00 | 44.06 2.57 0.00 | 43.48 2.65 0.00 | 46.88 3.15 0.00 | 62.17 4.66 0.00 | 73.54 6.20 0.00 | 84.77 6.93 0.00 | 102.33 8.79 0.00 | 120.87 10.10 -3.37 | 142.33 12.07 -5.84 | 166.19 14.68 -3.21 | 167.07 14.91 -0.01 | 170.34 15.77 0.00 | 169.80 15.86 0.00 | 146.47 12.83 0.00 | 128.38 10.05 -2.86 | 121.33 9.40 -1.32 | 116.00 9.87 0.00 | 92.91 7.36 0.00 | 81.21 6.57 0.00 | 73.36 5.18 0.00 |
| JENNISON____2 23626 | 52.31 3.01 0.00 | 46.00 2.53 -0.63 | 45.71 2.46 0.00 | 44.38 2.43 0.00 | 44.02 2.53 0.00 | 43.40 2.57 0.00 | 46.79 3.06 0.00 | 62.05 4.54 0.00 | 73.34 5.99 0.00 | 84.54 6.69 0.00 | 102.05 8.51 0.00 | 120.55 9.77 -3.37 | 141.95 11.70 -5.84 | 165.74 14.24 -3.21 | 166.76 14.61 -0.01 | 169.88 15.30 0.00 | 169.49 15.55 0.00 | 146.07 12.43 0.00 | 128.15 9.82 -2.86 | 121.00 9.07 -1.32 | 115.79 9.66 0.00 | 92.74 7.19 0.00 | 80.98 6.34 0.00 | 73.22 5.05 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 88.29 5.97 -33.02 | 84.62 4.93 -36.85 | 77.73 4.58 -29.90 | 64.08 4.53 -17.60 | 64.07 4.36 -18.23 | 68.54 4.21 -23.51 | 82.47 5.29 -33.45 | 89.69 7.82 -24.36 | 96.12 9.09 -19.68 | 112.14 10.82 -23.48 | 143.55 13.00 -37.01 | 158.53 16.22 -34.91 | 197.01 19.16 -53.43 | 297.33 21.95 -127.09 | 372.41 22.97 -197.29 | 396.37 23.65 -218.15 | 396.38 23.55 -218.89 | 320.31 20.58 -166.09 | 292.26 17.44 -159.35 | 185.48 17.26 -57.62 | 160.79 15.39 -39.27 | 148.60 11.64 -51.41 | 114.21 10.08 -29.49 | 98.69 7.23 -23.29 |
| KEDC PORT_JEFF_GT3 24211 | 88.29 5.97 -33.02 | 84.62 4.93 -36.85 | 77.73 4.58 -29.90 | 64.08 4.53 -17.60 | 64.07 4.36 -18.23 | 68.54 4.21 -23.51 | 82.47 5.29 -33.45 | 89.69 7.82 -24.36 | 96.12 9.09 -19.68 | 112.14 10.82 -23.48 | 143.55 13.00 -37.01 | 158.53 16.22 -34.91 | 197.01 19.16 -53.43 | 297.33 21.95 -127.09 | 372.41 22.97 -197.29 | 396.37 23.65 -218.15 | 396.38 23.55 -218.89 | 320.31 20.58 -166.09 | 292.26 17.44 -159.35 | 185.48 17.26 -57.62 | 160.79 15.39 -39.27 | 148.60 11.64 -51.41 | 114.21 10.08 -29.49 | 98.69 7.23 -23.29 |
| KEDC_GLWD_GT4 24219 | 84.68 5.62 -29.75 | 80.87 4.67 -33.36 | 74.51 4.32 -26.94 | 62.00 4.19 -15.86 | 61.93 4.02 -16.42 | 65.85 3.84 -21.18 | 78.72 4.85 -30.14 | 88.65 6.79 -24.36 | 95.11 8.08 -19.68 | 110.74 9.42 -23.48 | 141.96 11.41 -37.01 | 157.03 14.71 -34.91 | 195.27 17.42 -53.43 | 296.14 20.76 -127.09 | 370.89 21.45 -197.29 | 394.67 21.95 -218.15 | 394.84 22.01 -218.89 | 318.71 18.98 -166.09 | 291.11 16.28 -159.35 | 183.49 15.26 -57.62 | 158.99 13.59 -39.27 | 146.97 10.01 -51.41 | 112.64 8.51 -29.49 | 104.35 7.09 -29.08 |
| KEDC_GLWD_GT5 24220 | 84.68 5.62 -29.75 | 80.87 4.67 -33.36 | 74.51 4.32 -26.94 | 62.00 4.19 -15.86 | 61.93 4.02 -16.42 | 65.85 3.84 -21.18 | 78.72 4.85 -30.14 | 88.65 6.79 -24.36 | 95.11 8.08 -19.68 | 110.74 9.42 -23.48 | 141.96 11.41 -37.01 | 157.03 14.71 -34.91 | 195.27 17.42 -53.43 | 296.14 20.76 -127.09 | 370.89 21.45 -197.29 | 394.67 21.95 -218.15 | 394.84 22.01 -218.89 | 318.71 18.98 -166.09 | 291.11 16.28 -159.35 | 183.49 15.26 -57.62 | 158.99 13.59 -39.27 | 146.97 10.01 -51.41 | 112.64 8.51 -29.49 | 104.35 7.09 -29.08 |
| KENSICO____ 23655 | 54.14 4.83 0.00 | 48.49 4.03 -1.62 | 46.92 3.68 0.00 | 45.51 3.57 0.00 | 44.89 3.40 0.00 | 44.05 3.23 0.00 | 47.97 4.24 0.00 | 63.26 5.75 0.00 | 74.21 6.87 0.00 | 86.40 8.56 0.00 | 104.11 10.57 0.00 | 131.01 13.75 -9.86 | 159.85 16.30 -19.13 | 187.39 19.58 -19.52 | 222.44 20.08 -50.21 | 243.73 20.56 -68.60 | 252.82 20.63 -78.25 | 225.93 17.77 -74.51 | 170.64 15.24 -39.92 | 128.73 14.27 -3.85 | 118.76 12.63 0.00 | 94.79 9.24 0.00 | 82.40 7.76 0.00 | 74.38 6.20 0.00 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|
| KIAC_JFK_GT1 23816 | 54.83 5.52 0.00 | 49.05 4.58 -1.63 | 47.44 4.19 0.00 | 46.05 4.11 0.00 | 45.38 3.90 0.00 | 44.54 3.72 0.00 | 48.24 4.50 0.00 | 63.95 6.44 0.00 | 74.55 7.21 0.00 | 87.03 9.19 0.00 | 95.70 10.01 7.84 | 108.46 13.10 12.05 | 122.06 15.55 17.91 | 150.05 18.69 16.93 | 153.57 19.02 17.59 | 161.83 19.48 12.22 | 166.00 19.40 7.34 | 153.46 16.71 -3.11 | 170.10 14.67 -39.95 | 128.51 14.05 -3.86 | 118.44 12.31 0.00 | 95.30 9.75 0.00 | 82.63 7.99 0.00 | 74.72 6.55 0.00 |
| KIAC_JFK_GT2 23817 | 54.83 5.52 0.00 | 49.05 4.58 -1.63 | 47.44 4.19 0.00 | 46.05 4.11 0.00 | 45.38 3.90 0.00 | 44.54 3.72 0.00 | 48.24 4.50 0.00 | 63.95 6.44 0.00 | 74.55 7.21 0.00 | 87.03 9.19 0.00 | 95.70 10.01 7.84 | 108.46 13.10 12.05 | 122.06 15.55 17.91 | 150.05 18.69 16.93 | 153.57 19.02 17.59 | 161.83 19.48 12.22 | 166.00 19.40 7.34 | 153.46 16.71 -3.11 | 170.10 14.67 -39.95 | 128.51 14.05 -3.86 | 118.44 12.31 0.00 | 95.30 9.75 0.00 | 82.63 7.99 0.00 | 74.72 6.55 0.00 |
| KINTIGH____ 23543 | 46.05 -3.25 0.00 | 39.89 -3.17 -0.22 | 39.91 -3.33 0.00 | 38.88 -3.06 0.00 | 38.71 -2.78 0.00 | 38.46 -2.37 0.00 | 40.89 -2.84 0.00 | 53.66 -3.85 0.00 | 63.91 -3.43 0.00 | 72.08 -5.76 0.00 | 86.24 -7.30 0.00 | 100.29 -8.38 -1.27 | 115.71 -8.71 0.00 | 136.73 -11.57 0.00 | 140.74 -11.41 0.00 | 144.83 -9.74 0.00 | 143.94 -10.01 0.00 | 124.69 -8.95 0.00 | 108.47 -8.08 -1.07 | 102.26 -8.85 -0.49 | 98.17 -7.96 0.00 | 79.31 -6.25 0.00 | 69.64 -5.00 0.00 | 63.41 -4.77 0.00 |
| LEDERLE____ 23769 | 54.43 5.13 0.00 | 48.65 4.24 -1.57 | 47.14 3.89 0.00 | 45.72 3.77 0.00 | 45.09 3.61 0.00 | 44.30 3.47 0.00 | 48.24 4.50 0.00 | 63.66 6.15 0.00 | 74.75 7.41 0.00 | 87.26 9.42 0.00 | 105.32 11.79 0.00 | 132.43 15.47 -9.56 | 160.84 18.29 -18.13 | 188.70 22.24 -18.16 | 220.82 22.97 -45.69 | 240.65 23.65 -62.43 | 248.86 23.71 -71.21 | 222.03 20.58 -67.81 | 169.86 17.55 -36.83 | 130.60 16.26 -3.73 | 120.67 14.54 0.00 | 96.07 10.52 0.00 | 83.22 8.58 0.00 | 74.93 6.75 0.00 |
| LINDEN COGEN____ 23786 | 42.00 4.98 12.28 | 34.17 4.16 12.82 | 37.83 3.63 9.05 | 36.22 3.69 9.41 | 40.41 3.44 4.52 | 40.00 3.27 4.10 | 44.41 4.37 3.70 | 59.20 6.04 4.35 | 70.82 7.21 3.73 | 86.56 8.72 0.00 | 104.20 10.66 0.00 | 131.13 13.86 -9.87 | 159.86 16.30 -19.15 | 187.41 19.58 -19.53 | 222.31 19.93 -50.23 | 243.61 20.40 -68.64 | 252.55 20.32 -78.29 | 225.83 17.64 -74.54 | 168.20 15.13 -37.59 | 128.63 14.16 -3.86 | 118.20 12.42 0.35 | 94.88 9.33 0.00 | 82.34 8.06 0.37 | 61.49 6.20 12.89 |
| LIPA_MISC_IPP 23656 | 87.97 5.62 -33.04 | 84.29 4.58 -36.87 | 77.40 4.24 -29.92 | 63.75 4.19 -17.61 | 63.75 4.02 -18.24 | 68.23 3.88 -23.52 | 82.10 4.90 -33.47 | 89.23 7.36 -24.36 | 95.85 8.82 -19.68 | 111.91 10.59 -23.48 | 143.45 12.91 -37.01 | 159.07 16.76 -34.91 | 197.88 20.03 -53.43 | 297.48 22.10 -127.09 | 372.26 22.82 -197.29 | 396.06 23.34 -218.15 | 396.23 23.40 -218.89 | 320.04 20.31 -166.09 | 292.26 17.44 -159.35 | 186.48 18.25 -57.62 | 161.64 16.24 -39.27 | 149.11 12.15 -51.41 | 114.36 10.23 -29.49 | 98.91 7.50 -23.23 |
| LISF____SOLAR 323691 | 88.06 5.72 -33.04 | 84.33 4.63 -36.87 | 77.44 4.28 -29.91 | 63.83 4.28 -17.61 | 63.79 4.07 -18.24 | 68.27 3.92 -23.52 | 82.14 4.94 -33.46 | 89.29 7.42 -24.36 | 96.05 9.02 -19.68 | 112.07 10.74 -23.48 | 143.73 13.19 -37.01 | 159.39 17.08 -34.91 | 198.38 20.53 -53.43 | 297.92 22.54 -127.09 | 372.57 23.13 -197.29 | 396.53 23.80 -218.15 | 396.69 23.86 -218.89 | 320.44 20.71 -166.09 | 292.61 17.78 -159.35 | 186.81 18.58 -57.62 | 161.96 16.56 -39.27 | 149.46 12.49 -51.41 | 114.65 10.52 -29.49 | 99.13 7.70 -23.25 |
| LITTLE FALLS____HYD 24013 | 51.62 2.32 0.00 | 44.81 2.01 0.04 | 45.23 1.99 0.00 | 43.91 1.97 0.00 | 43.48 1.99 0.00 | 42.71 1.88 0.00 | 45.83 2.10 0.00 | 60.27 2.76 0.00 | 70.71 3.37 0.00 | 81.81 3.97 0.00 | 98.40 4.86 0.00 | 112.85 5.69 0.24 | 125.36 6.47 5.53 | 152.37 7.12 3.04 | 159.14 7.00 0.01 | 161.99 7.42 0.00 | 161.64 7.70 0.00 | 140.33 6.68 0.00 | 121.16 5.89 0.21 | 116.16 5.64 0.10 | 111.65 5.52 0.00 | 89.74 4.19 0.00 | 78.22 3.58 0.00 | 71.38 3.20 0.00 |
| LI_NEWBRDGE____DRP 323616 | 88.29 5.62 -33.36 | 84.77 4.71 -37.22 | 77.82 4.37 -30.21 | 64.00 4.28 -17.78 | 63.97 4.07 -18.42 | 68.50 3.92 -23.75 | 82.51 4.99 -33.79 | 88.88 7.02 -24.36 | 95.31 8.28 -19.68 | 111.52 10.20 -23.48 | 142.80 12.25 -37.01 | 157.89 15.57 -34.91 | 196.14 18.29 -53.43 | 296.59 21.21 -127.09 | 371.50 22.06 -197.29 | 395.29 22.57 -218.15 | 395.46 22.63 -218.89 | 319.24 19.51 -166.09 | 291.46 16.63 -159.35 | 184.27 16.04 -57.62 | 159.95 14.54 -39.27 | 147.66 10.69 -51.41 | 113.39 9.26 -29.49 | 97.48 7.16 -22.14 |
| LONG_LAKE_PHOENIX 24014 | 49.16 -0.15 0.00 | 42.75 -0.21 -0.13 | 42.94 -0.30 0.00 | 41.65 -0.29 0.00 | 41.24 -0.25 0.00 | 40.71 -0.12 0.00 | 43.65 -0.09 0.00 | 57.80 0.29 0.00 | 67.68 0.34 0.00 | 77.76 -0.08 0.00 | 92.97 -0.56 0.00 | 107.40 -0.75 -0.75 | 123.80 -0.62 0.00 | 147.85 -0.44 0.00 | 151.39 -0.76 0.00 | 154.42 -0.15 0.00 | 153.79 -0.15 0.00 | 133.51 -0.13 0.00 | 115.30 -0.81 -0.63 | 110.46 -0.44 -0.29 | 106.03 -0.11 0.00 | 85.55 0.00 0.00 | 74.94 0.30 0.00 | 68.52 0.34 0.00 |
| LOVETT____3 23632 | 53.35 4.04 0.00 | 47.76 3.34 -1.58 | 46.27 3.03 0.00 | 44.88 2.94 0.00 | 44.26 2.78 0.00 | 43.44 2.61 0.00 | 47.32 3.59 0.00 | 62.28 4.77 0.00 | 73.00 5.66 0.00 | 85.08 7.24 0.00 | 102.52 8.98 0.00 | 128.81 11.81 -9.59 | 156.62 13.93 -18.26 | 183.40 16.76 -18.35 | 215.65 17.19 -46.31 | 235.62 17.78 -63.27 | 243.82 17.70 -72.17 | 217.73 15.37 -68.72 | 166.12 13.40 -37.25 | 126.75 12.39 -3.75 | 117.06 10.93 0.00 | 93.34 7.79 0.00 | 81.13 6.49 0.00 | 73.15 4.98 0.00 |
| LOVETT____4 23642 | 53.79 4.49 0.00 | 48.10 3.68 -1.58 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.77 2.94 0.00 | 47.67 3.94 0.00 | 62.80 5.29 0.00 | 73.67 6.33 0.00 | 85.86 8.02 0.00 | 103.54 10.01 0.00 | 130.11 13.10 -9.60 | 158.24 15.55 -18.27 | 185.49 18.83 -18.36 | 217.83 19.32 -46.36 | 237.71 19.79 -63.35 | 246.06 19.86 -72.26 | 219.68 17.24 -68.80 | 167.66 14.90 -37.29 | 128.19 13.83 -3.75 | 118.34 12.21 0.00 | 94.36 8.81 0.00 | 81.88 7.24 0.00 | 73.84 5.66 0.00 |
| LOVETT____5 23593 | 53.79 4.49 0.00 | 48.10 3.68 -1.58 | 46.62 3.37 0.00 | 45.21 3.27 0.00 | 44.60 3.11 0.00 | 43.77 2.94 0.00 | 47.67 3.94 0.00 | 62.80 5.29 0.00 | 73.67 6.33 0.00 | 85.86 8.02 0.00 | 103.54 10.01 0.00 | 130.11 13.10 -9.60 | 158.24 15.55 -18.27 | 185.49 18.83 -18.36 | 217.83 19.32 -46.36 | 237.71 19.79 -63.35 | 246.06 19.86 -72.26 | 219.68 17.24 -68.80 | 167.66 14.90 -37.29 | 128.19 13.83 -3.75 | 118.34 12.21 0.00 | 94.36 8.81 0.00 | 81.88 7.24 0.00 | 73.84 5.66 0.00 |
| LOWER RAQUET____HYD 24057 | 47.92 -1.38 0.00 | 41.55 -1.29 0.00 | 42.12 -1.12 0.00 | 40.89 -1.05 0.00 | 40.36 -1.12 0.00 | 40.22 -0.61 0.00 | 42.51 -1.22 0.00 | 55.90 -1.61 0.00 | 65.19 -2.15 0.00 | 74.18 -3.66 0.00 | 89.23 -4.30 0.00 | 99.56 -7.84 0.00 | 112.63 -9.33 2.45 | 135.97 -10.97 1.35 | 141.04 -11.11 0.00 | 142.05 -12.52 0.00 | 141.78 -12.16 0.00 | 122.95 -10.69 0.00 | 106.36 -9.12 0.00 | 102.43 -8.19 0.00 | 99.66 -6.47 0.00 | 82.39 -3.17 0.00 | 72.55 -2.09 0.00 | 66.61 -1.57 0.00 |
| LOWER____HUDSON 24059 | 52.95 3.65 0.00 | 48.39 3.51 -2.04 | 46.49 3.24 0.00 | 45.00 3.06 0.00 | 44.51 3.03 0.00 | 43.73 2.90 0.00 | 47.28 3.54 0.00 | 61.53 4.03 0.00 | 71.65 4.31 0.00 | 84.22 6.38 0.00 | 101.58 8.04 0.00 | 130.46 10.53 -12.53 | 158.56 12.32 -21.83 | 175.39 14.53 -12.56 | 170.40 15.06 -3.19 | 173.87 14.99 -4.30 | 173.32 14.47 -4.91 | 151.28 12.96 -4.67 | 139.61 11.55 -12.59 | 126.23 10.73 -4.89 | 115.26 9.13 0.00 | 92.22 6.67 0.00 | 79.19 4.55 0.00 | 72.20 4.02 0.00 |
| LWR____OSWEGATCHIE_HYD 23850 | 49.80 0.49 0.00 | 43.14 0.30 0.00 | 43.59 0.35 0.00 | 42.32 0.38 0.00 | 41.86 0.37 0.00 | 41.52 0.69 0.00 | 44.21 0.48 0.00 | 58.31 0.81 0.00 | 68.29 0.94 0.00 | 77.30 -0.54 0.00 | 93.07 -0.47 0.00 | 104.93 -2.47 0.00 | 119.49 -2.61 2.32 | 144.21 -2.82 1.27 | 149.25 -2.89 0.00 | 150.86 -3.71 0.00 | 150.56 -3.39 0.00 | 129.90 -3.74 0.00 | 111.78 -3.70 0.00 | 107.51 -3.10 0.00 | 104.86 -1.27 0.00 | 85.72 0.17 0.00 | 75.54 0.90 0.00 | 69.61 1.43 0.00 |

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| LYONS_FALL_HYD 23570 | 51.18 1.87 0.00 | 44.38 1.54 0.00 | 44.76 1.51 0.00 | 43.45 1.51 0.00 | 43.02 1.53 0.00 | 42.46 1.63 0.00 | 45.53 1.79 0.00 | 60.21 2.70 0.00 | 70.78 3.43 0.00 | 80.57 2.72 0.00 | 97.18 3.65 0.00 | 110.84 3.44 0.00 | 125.92 4.48 2.97 | 152.45 5.78 1.63 | 157.92 5.78 0.01 | 160.60 6.03 0.00 | 160.25 6.31 0.00 | 137.92 4.28 0.00 | 118.37 2.89 0.00 | 113.49 2.88 0.00 | 110.38 4.25 0.00 | 88.97 3.42 0.00 | 78.15 3.51 0.00 | 71.72 3.55 0.00 |
| MADISON___COUNTY_LFGE 323628 | 50.88 1.58 0.00 | 44.18 1.29 -0.05 | 44.45 1.21 0.00 | 43.12 1.17 0.00 | 42.73 1.24 0.00 | 42.14 1.31 0.00 | 45.22 1.49 0.00 | 59.92 2.42 0.00 | 70.51 3.17 0.00 | 81.03 3.19 0.00 | 97.56 4.02 0.00 | 112.13 4.40 -0.32 | 127.40 5.60 2.62 | 153.83 6.97 1.44 | 159.14 7.00 0.00 | 162.15 7.57 0.00 | 161.64 7.70 0.00 | 139.66 6.01 0.00 | 120.14 4.39 -0.27 | 114.83 4.09 -0.12 | 110.80 4.67 0.00 | 89.14 3.59 0.00 | 78.00 3.36 0.00 | 71.11 2.93 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 48.81 -0.49 0.00 | 42.27 -0.47 0.10 | 42.77 -0.48 0.00 | 41.48 -0.46 0.00 | 41.03 -0.46 0.00 | 40.38 -0.45 0.00 | 43.21 -0.52 0.00 | 56.82 -0.69 0.00 | 66.53 -0.81 0.00 | 76.83 -1.01 0.00 | 92.04 -1.50 0.00 | 104.92 -1.93 0.55 | 113.00 -2.24 9.17 | 140.58 -2.67 5.04 | 149.54 -2.59 0.02 | 151.79 -2.78 0.00 | 151.17 -2.77 0.00 | 131.24 -2.41 0.00 | 113.05 -1.96 0.46 | 108.52 -1.88 0.21 | 104.44 -1.70 0.00 | 84.70 -0.86 0.00 | 73.97 -0.67 0.00 | 67.70 -0.48 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 48.81 -0.49 0.00 | 42.27 -0.47 0.10 | 42.77 -0.48 0.00 | 41.48 -0.46 0.00 | 41.03 -0.46 0.00 | 40.38 -0.45 0.00 | 43.21 -0.52 0.00 | 56.82 -0.69 0.00 | 66.53 -0.81 0.00 | 76.83 -1.01 0.00 | 92.04 -1.50 0.00 | 104.92 -1.93 0.55 | 113.00 -2.24 9.17 | 140.58 -2.67 5.04 | 149.54 -2.59 0.02 | 151.79 -2.78 0.00 | 151.17 -2.77 0.00 | 131.24 -2.41 0.00 | 113.05 -1.96 0.46 | 108.52 -1.88 0.21 | 104.44 -1.70 0.00 | 84.70 -0.86 0.00 | 73.97 -0.67 0.00 | 67.70 -0.48 0.00 |
| MG INDUSTRY___DRP 24185 | 51.57 2.27 0.00 | 47.04 2.18 -2.01 | 45.32 2.08 0.00 | 43.96 2.01 0.00 | 43.43 1.95 0.00 | 42.54 1.71 0.00 | 45.83 2.10 0.00 | 59.92 2.42 0.00 | 69.90 2.56 0.00 | 81.50 3.66 0.00 | 98.12 4.58 0.00 | 125.88 6.12 -12.35 | 150.30 7.09 -18.79 | 166.93 8.30 -10.33 | 160.55 8.37 -0.04 | 163.07 8.50 0.00 | 162.41 8.47 0.00 | 141.13 7.48 0.00 | 132.52 6.58 -10.46 | 121.74 6.30 -4.82 | 111.44 5.31 0.00 | 89.32 3.76 0.00 | 77.48 2.84 0.00 | 70.56 2.39 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 49.80 0.49 0.00 | 43.14 0.30 0.00 | 43.59 0.35 0.00 | 42.32 0.38 0.00 | 41.86 0.37 0.00 | 41.52 0.69 0.00 | 44.21 0.48 0.00 | 58.31 0.81 0.00 | 68.29 0.94 0.00 | 77.30 -0.54 0.00 | 93.07 -0.47 0.00 | 104.93 -2.47 0.00 | 119.49 -2.61 2.32 | 144.21 -2.82 1.27 | 149.25 -2.89 0.00 | 150.86 -3.71 0.00 | 150.56 -3.39 0.00 | 129.90 -3.74 0.00 | 111.78 -3.70 0.00 | 107.51 -3.10 0.00 | 104.86 -1.27 0.00 | 85.72 0.17 0.00 | 75.54 0.90 0.00 | 69.61 1.43 0.00 |
| MID___RAQUETTE_HYD 23851 | 47.92 -1.38 0.00 | 41.55 -1.29 0.00 | 42.12 -1.12 0.00 | 40.89 -1.05 0.00 | 40.36 -1.12 0.00 | 40.22 -0.61 0.00 | 42.51 -1.22 0.00 | 55.90 -1.61 0.00 | 65.19 -2.15 0.00 | 74.18 -3.66 0.00 | 89.23 -4.30 0.00 | 99.56 -7.84 0.00 | 112.63 -9.33 2.45 | 135.97 -10.97 1.35 | 141.04 -11.11 0.00 | 142.05 -12.52 0.00 | 141.78 -12.16 0.00 | 122.95 -10.69 0.00 | 106.36 -9.12 0.00 | 102.43 -8.19 0.00 | 99.66 -6.47 0.00 | 82.39 -3.17 0.00 | 72.55 -2.09 0.00 | 66.61 -1.57 0.00 |
| MILLIKEN___1 23584 | 47.48 -1.82 0.00 | 41.43 -1.71 -0.31 | 41.43 -1.82 0.00 | 40.14 -1.80 0.00 | 39.83 -1.66 0.00 | 39.36 -1.47 0.00 | 42.29 -1.44 0.00 | 56.70 -0.81 0.00 | 66.80 -0.54 0.00 | 76.83 -1.01 0.00 | 92.04 -1.50 0.00 | 106.80 -2.36 -1.75 | 124.28 -2.24 -2.10 | 147.08 -2.37 -1.15 | 149.56 -2.59 0.00 | 152.56 -2.01 0.00 | 152.25 -1.69 0.00 | 131.64 -2.00 0.00 | 114.42 -2.54 -1.48 | 108.64 -2.65 -0.68 | 104.12 -2.02 0.00 | 84.27 -1.28 0.00 | 73.67 -0.97 0.00 | 66.54 -1.64 0.00 |
| MILLIKEN___2 23585 | 47.48 -1.82 0.00 | 41.43 -1.71 -0.31 | 41.43 -1.82 0.00 | 40.14 -1.80 0.00 | 39.83 -1.66 0.00 | 39.36 -1.47 0.00 | 42.29 -1.44 0.00 | 56.70 -0.81 0.00 | 66.80 -0.54 0.00 | 76.83 -1.01 0.00 | 92.04 -1.50 0.00 | 106.80 -2.36 -1.75 | 124.28 -2.24 -2.10 | 147.08 -2.37 -1.15 | 149.56 -2.59 0.00 | 152.56 -2.01 0.00 | 152.25 -1.69 0.00 | 131.64 -2.00 0.00 | 114.42 -2.54 -1.48 | 108.64 -2.65 -0.68 | 104.12 -2.02 0.00 | 84.27 -1.28 0.00 | 73.67 -0.97 0.00 | 66.54 -1.64 0.00 |
| MILLIKEN___DIESEL 23629 | 47.48 -1.82 0.00 | 41.43 -1.71 -0.31 | 41.43 -1.82 0.00 | 40.14 -1.80 0.00 | 39.83 -1.66 0.00 | 39.36 -1.47 0.00 | 42.29 -1.44 0.00 | 56.70 -0.81 0.00 | 66.80 -0.54 0.00 | 76.83 -1.01 0.00 | 92.04 -1.50 0.00 | 106.80 -2.36 -1.75 | 124.28 -2.24 -2.10 | 147.08 -2.37 -1.15 | 149.56 -2.59 0.00 | 152.56 -2.01 0.00 | 152.25 -1.69 0.00 | 131.64 -2.00 0.00 | 114.42 -2.54 -1.48 | 108.64 -2.65 -0.68 | 104.12 -2.02 0.00 | 84.27 -1.28 0.00 | 73.67 -0.97 0.00 | 66.54 -1.64 0.00 |
| MILLSEAT___LFGE 323607 | 47.38 -1.92 0.00 | 40.85 -2.23 -0.24 | 40.74 -2.51 0.00 | 39.72 -2.22 0.00 | 39.62 -1.87 0.00 | 39.48 -1.35 0.00 | 42.20 -1.53 0.00 | 55.61 -1.90 0.00 | 66.67 -0.67 0.00 | 75.04 -2.80 0.00 | 90.26 -3.27 0.00 | 104.59 -4.19 -1.38 | 122.52 -3.48 -1.59 | 143.98 -5.19 -0.87 | 147.28 -4.87 0.00 | 151.79 -2.78 0.00 | 150.56 -3.39 0.00 | 130.44 -3.21 0.00 | 113.30 -3.35 -1.17 | 106.39 -4.76 -0.54 | 102.10 -4.03 0.00 | 82.39 -3.17 0.00 | 72.18 -2.46 0.00 | 65.38 -2.80 0.00 |
| MODEL_CITY_ENERGY 24167 | 46.69 -2.61 0.00 | 40.35 -2.74 -0.25 | 40.30 -2.94 0.00 | 39.30 -2.64 0.00 | 39.20 -2.28 0.00 | 39.03 -1.80 0.00 | 41.63 -2.10 0.00 | 54.69 -2.82 0.00 | 65.66 -1.68 0.00 | 73.64 -4.20 0.00 | 88.11 -5.43 0.00 | 101.77 -7.09 -1.46 | 119.16 -6.97 -1.71 | 139.45 -9.79 -0.94 | 142.72 -9.43 0.00 | 147.46 -7.11 0.00 | 146.40 -7.54 0.00 | 126.83 -6.82 0.00 | 110.36 -6.35 -1.23 | 103.55 -7.63 -0.57 | 99.55 -6.58 0.00 | 80.33 -5.22 0.00 | 70.68 -3.96 0.00 | 64.22 -3.95 0.00 |
| MODERN_LFGE___ 323580 | 46.69 -2.61 0.00 | 40.35 -2.74 -0.25 | 40.30 -2.94 0.00 | 39.30 -2.64 0.00 | 39.20 -2.28 0.00 | 39.03 -1.80 0.00 | 41.63 -2.10 0.00 | 54.69 -2.82 0.00 | 65.66 -1.68 0.00 | 73.64 -4.20 0.00 | 88.11 -5.43 0.00 | 101.77 -7.09 -1.46 | 119.16 -6.97 -1.71 | 139.45 -9.79 -0.94 | 142.72 -9.43 0.00 | 147.46 -7.11 0.00 | 146.40 -7.54 0.00 | 126.83 -6.82 0.00 | 110.36 -6.35 -1.23 | 103.55 -7.63 -0.57 | 99.55 -6.58 0.00 | 80.33 -5.22 0.00 | 70.68 -3.96 0.00 | 64.22 -3.95 0.00 |
| MOHAWK_PAPER___DRP 24187 | 52.36 3.06 0.00 | 47.85 2.96 -2.05 | 46.01 2.77 0.00 | 44.58 2.64 0.00 | 44.06 2.57 0.00 | 43.24 2.41 0.00 | 46.71 2.97 0.00 | 60.79 3.28 0.00 | 70.71 3.37 0.00 | 83.06 5.22 0.00 | 100.08 6.55 0.00 | 128.97 8.91 -12.65 | 157.43 10.45 -22.56 | 173.62 12.61 -12.72 | 166.89 12.93 -1.81 | 170.13 13.14 -2.42 | 169.48 12.78 -2.76 | 147.50 11.23 -2.63 | 137.01 9.70 -11.83 | 124.51 8.96 -4.94 | 113.56 7.43 0.00 | 90.94 5.39 0.00 | 78.22 3.58 0.00 | 71.25 3.07 0.00 |
| MONGAUP___HYD 23641 | 54.97 5.67 0.00 | 49.09 4.75 -1.50 | 47.74 4.50 0.00 | 46.22 4.28 0.00 | 45.67 4.19 0.00 | 44.87 4.04 0.00 | 48.63 4.90 0.00 | 64.53 7.02 0.00 | 75.96 8.62 0.00 | 88.74 10.90 0.00 | 107.10 13.56 0.00 | 134.66 18.15 -9.11 | 162.53 21.40 -16.72 | 190.94 26.40 -16.25 | 219.19 27.69 -39.35 | 236.78 28.44 -53.77 | 243.75 28.48 -61.33 | 216.63 24.59 -58.39 | 168.72 20.79 -32.46 | 133.52 19.36 -3.56 | 123.96 17.83 0.00 | 98.30 12.75 0.00 | 84.87 10.23 0.00 | 76.56 8.39 0.00 |
| MONTAUK___DIESEL 23721 | 92.55 10.21 -33.04 | 88.02 8.31 -36.87 | 81.03 7.87 -29.91 | 67.27 7.72 -17.61 | 67.19 7.47 -18.24 | 71.58 7.23 -23.52 | 85.86 8.66 -33.46 | 95.15 13.28 -24.36 | 104.40 17.37 -19.68 | 120.32 18.99 -23.48 | 155.05 24.51 -37.01 | 174.21 31.90 -34.91 | 216.79 38.94 -53.43 | 321.35 45.97 -127.09 | 398.28 48.84 -197.29 | 422.96 50.24 -218.15 | 423.01 50.19 -218.89 | 343.03 43.30 -166.09 | 310.86 36.03 -159.35 | 206.28 38.05 -57.62 | 179.47 34.07 -39.27 | 162.46 25.49 -51.41 | 125.18 21.05 -29.49 | 107.78 16.36 -23.24 |

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| MUNSVILLE_WIND_PWR 323609 | 53.30 3.99 0.00 | 46.67 3.30 -0.54 | 46.49 3.24 0.00 | 45.13 3.19 0.00 | 44.76 3.28 0.00 | 44.26 3.43 0.00 | 47.76 4.02 0.00 | 63.66 6.15 0.00 | 75.29 7.95 0.00 | 86.56 8.72 0.00 | 104.48 10.94 0.00 | 122.46 12.14 -2.92 | 143.98 14.81 -4.76 | 169.00 18.09 -2.61 | 170.41 18.26 -0.01 | 173.74 19.17 0.00 | 173.34 19.40 0.00 | 149.01 15.37 0.00 | 129.73 11.78 -2.47 | 122.81 11.06 -1.14 | 118.23 12.10 0.00 | 94.71 9.15 0.00 | 83.00 8.36 0.00 | 75.00 6.82 0.00 |
| N SALMON___HYD 24042 | 48.71 -0.59 0.00 | 42.11 -0.73 0.00 | 42.72 -0.52 0.00 | 41.44 -0.50 0.00 | 40.95 -0.54 0.00 | 40.63 -0.20 0.00 | 43.21 -0.52 0.00 | 56.88 -0.63 0.00 | 66.80 -0.54 0.00 | 76.67 -1.17 0.00 | 92.23 -1.31 0.00 | 103.22 -4.19 0.00 | 115.92 -5.97 2.53 | 139.94 -6.97 1.39 | 146.06 -6.09 0.00 | 146.54 -8.04 0.00 | 145.94 -8.00 0.00 | 127.09 -6.55 0.00 | 110.17 -5.31 0.00 | 105.30 -5.31 0.00 | 102.63 -3.50 0.00 | 84.61 -0.94 0.00 | 73.97 -0.67 0.00 | 67.56 -0.61 0.00 |
| N.E._GEN_SANDY PD 24062 | 52.76 3.45 0.00 | 47.96 3.21 -1.91 | 46.18 2.94 0.00 | 44.75 2.81 0.00 | 44.22 2.74 0.00 | 43.40 2.57 0.00 | 47.06 3.32 0.00 | 61.65 4.14 0.00 | 71.33 4.58 0.59 | 82.06 6.07 1.85 | 103.65 7.67 -2.44 | 128.49 9.45 -11.64 | 155.42 10.95 -20.05 | 176.19 13.05 -14.84 | 186.86 13.39 -21.32 | 196.97 13.29 -29.10 | 200.07 12.93 -33.20 | 176.88 11.63 -31.61 | 148.89 10.16 -23.25 | 124.78 9.62 -4.55 | 114.73 8.60 0.00 | 100.18 5.99 -8.64 | 75.55 4.85 3.94 | 67.58 4.09 4.69 |
| NARROWS_GT1_1 24228 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT1_2 24229 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT1_3 24230 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT1_4 24231 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT1_5 24232 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT1_6 24233 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT1_7 24234 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT1_8 24235 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT2_1 24236 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT2_2 24237 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT2_3 24238 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT2_4 24239 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT2_5 24240 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |

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|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| NARROWS_GT2_6 24241 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT2_7 24242 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NARROWS_GT2_8 24243 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |
| NEG CAPITAL___MECHNVIL 23645 | 53.69 4.39 0.00 | 49.00 4.11 -2.05 | 47.01 3.76 0.00 | 45.51 3.57 0.00 | 45.01 3.53 0.00 | 44.26 3.43 0.00 | 47.89 4.15 0.00 | 62.40 4.89 0.00 | 72.80 5.45 0.00 | 86.01 8.17 0.00 | 103.73 10.20 0.00 | 133.63 13.64 -12.59 | 163.09 16.05 -22.63 | 180.36 18.98 -13.08 | 175.42 19.63 -3.65 | 179.13 19.63 -4.93 | 178.66 19.09 -5.62 | 155.97 16.97 -5.36 | 143.65 15.24 -12.92 | 129.80 14.27 -4.91 | 118.13 11.99 0.00 | 94.53 8.98 0.00 | 80.54 5.90 0.00 | 73.43 5.25 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 47.48 -1.82 0.00 | 41.10 -1.93 -0.19 | 41.08 -2.16 0.00 | 40.01 -1.93 0.00 | 39.74 -1.74 0.00 | 39.40 -1.43 0.00 | 42.16 -1.57 0.00 | 55.73 -1.78 0.00 | 65.93 -1.41 0.00 | 75.19 -2.65 0.00 | 90.54 -2.99 0.00 | 105.09 -3.44 -1.12 | 121.31 -3.11 0.00 | 144.29 -4.00 0.00 | 148.04 -4.11 0.00 | 151.64 -2.94 0.00 | 150.71 -3.23 0.00 | 130.70 -2.94 0.00 | 113.31 -3.12 -0.95 | 107.40 -3.65 -0.44 | 102.84 -3.29 0.00 | 82.99 -2.57 0.00 | 72.48 -2.16 0.00 | 65.93 -2.25 0.00 |
| NEG CENTRAL___DRP 24199 | 49.30 0.00 0.00 | 42.84 -0.21 -0.21 | 42.85 -0.39 0.00 | 41.61 -0.34 0.00 | 41.28 -0.21 0.00 | 40.87 0.04 0.00 | 43.91 0.17 0.00 | 58.54 1.04 0.00 | 69.23 1.89 0.00 | 79.32 1.48 0.00 | 95.13 1.59 0.00 | 110.47 1.83 -1.24 | 127.03 2.61 0.00 | 151.86 3.56 0.00 | 155.65 3.50 0.00 | 159.21 4.64 0.00 | 158.71 4.77 0.00 | 137.52 3.88 0.00 | 118.83 2.31 -1.05 | 112.86 1.77 -0.48 | 108.26 2.12 0.00 | 87.18 1.63 0.00 | 76.13 1.49 0.00 | 69.00 0.82 0.00 |
| NEG CENTRAL___INDECK 23768 | 49.90 0.59 0.00 | 43.08 -0.04 -0.29 | 42.85 -0.39 0.00 | 41.73 -0.21 0.00 | 41.53 0.04 0.00 | 41.40 0.57 0.00 | 44.52 0.79 0.00 | 57.91 0.40 0.00 | 68.29 0.94 0.00 | 75.04 -2.80 0.00 | 90.54 -2.99 0.00 | 105.86 -3.22 -1.67 | 123.84 -2.61 -2.04 | 146.15 -3.26 -1.12 | 148.96 -3.20 0.00 | 153.03 -1.55 0.00 | 152.09 -1.85 0.00 | 131.77 -1.87 0.00 | 114.01 -2.89 -1.42 | 107.28 -3.98 -0.65 | 102.74 -3.40 0.00 | 82.81 -2.74 0.00 | 72.10 -2.54 0.00 | 64.84 -3.34 0.00 |
| NEG CENTRAL___SENECA 23627 | 49.60 0.30 0.00 | 43.03 -0.04 -0.24 | 43.03 -0.22 0.00 | 41.77 -0.17 0.00 | 41.48 0.00 0.00 | 41.16 0.33 0.00 | 44.30 0.57 0.00 | 59.23 1.73 0.00 | 70.31 2.96 0.00 | 80.57 2.72 0.00 | 96.62 3.09 0.00 | 112.55 3.76 -1.38 | 130.95 4.98 -1.56 | 155.53 6.38 -0.86 | 158.69 6.54 0.00 | 162.61 8.04 0.00 | 161.95 8.00 0.00 | 140.33 6.68 0.00 | 121.15 4.50 -1.17 | 114.69 3.54 -0.54 | 109.85 3.71 0.00 | 88.46 2.91 0.00 | 77.10 2.46 0.00 | 69.47 1.30 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 49.80 0.49 0.00 | 43.35 0.30 -0.21 | 43.37 0.13 0.00 | 42.07 0.13 0.00 | 41.73 0.25 0.00 | 41.32 0.49 0.00 | 44.48 0.74 0.00 | 59.81 2.30 0.00 | 70.57 3.23 0.00 | 81.11 3.27 0.00 | 97.00 3.46 0.00 | 112.18 3.54 -1.23 | 129.27 4.85 0.00 | 154.82 6.53 0.00 | 158.69 6.54 0.00 | 162.15 7.57 0.00 | 161.64 7.70 0.00 | 140.19 6.55 0.00 | 120.67 4.16 -1.04 | 114.63 3.54 -0.48 | 110.27 4.14 0.00 | 89.06 3.51 0.00 | 77.78 3.13 0.00 | 70.16 1.98 0.00 |
| NEG MILLWOOD___DRP 24198 | 54.43 5.13 0.00 | 48.61 4.11 -1.66 | 47.09 3.85 0.00 | 45.68 3.73 0.00 | 45.05 3.57 0.00 | 44.22 3.39 0.00 | 48.06 4.33 0.00 | 63.55 6.04 0.00 | 74.68 7.34 0.00 | 86.95 9.11 0.00 | 104.67 11.13 0.00 | 132.21 14.71 -10.09 | 160.97 17.67 -18.88 | 188.22 21.50 -18.42 | 219.02 22.06 -44.81 | 238.52 22.72 -61.22 | 246.56 22.78 -69.83 | 219.78 19.65 -66.50 | 169.06 16.86 -36.72 | 130.26 15.71 -3.94 | 120.36 14.22 0.00 | 95.73 10.18 0.00 | 83.30 8.66 0.00 | 75.47 7.30 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 49.11 -0.20 0.00 | 42.49 -0.34 0.00 | 43.07 -0.17 0.00 | 41.77 -0.17 0.00 | 41.28 -0.21 0.00 | 40.87 0.04 0.00 | 43.51 -0.22 0.00 | 57.28 -0.23 0.00 | 67.28 -0.07 0.00 | 77.45 -0.39 0.00 | 93.07 -0.47 0.00 | 102.57 -4.83 0.00 | 113.15 -8.71 2.56 | 136.66 -10.23 1.41 | 142.56 -9.59 0.00 | 143.29 -11.28 0.00 | 142.70 -11.24 0.00 | 124.29 -9.36 0.00 | 107.74 -7.74 0.00 | 102.98 -7.63 0.00 | 101.57 -4.56 0.00 | 85.21 -0.34 0.00 | 74.42 -0.22 0.00 | 68.04 -0.14 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 48.02 -1.28 0.00 | 41.60 -1.24 0.00 | 42.21 -1.04 0.00 | 40.89 -1.05 0.00 | 40.41 -1.08 0.00 | 40.01 -0.82 0.00 | 42.60 -1.14 0.00 | 56.01 -1.50 0.00 | 65.73 -1.62 0.00 | 75.66 -2.18 0.00 | 90.92 -2.62 0.00 | 101.93 -5.48 0.00 | 114.15 -7.71 2.55 | 137.85 -9.05 1.40 | 143.62 -8.52 0.00 | 144.37 -10.20 0.00 | 143.94 -10.01 0.00 | 125.22 -8.42 0.00 | 108.55 -6.93 0.00 | 103.86 -6.75 0.00 | 101.04 -5.09 0.00 | 83.33 -2.22 0.00 | 72.77 -1.87 0.00 | 66.54 -1.64 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 49.06 -0.25 0.00 | 42.41 -0.43 0.00 | 43.03 -0.22 0.00 | 41.69 -0.25 0.00 | 41.19 -0.29 0.00 | 40.83 0.00 0.00 | 43.47 -0.26 0.00 | 57.16 -0.35 0.00 | 67.21 -0.13 0.00 | 77.37 -0.47 0.00 | 92.97 -0.56 0.00 | 103.11 -4.30 0.00 | 114.64 -7.22 2.56 | 138.29 -8.60 1.41 | 144.38 -7.76 0.00 | 144.83 -9.74 0.00 | 144.24 -9.70 0.00 | 125.62 -8.02 0.00 | 109.01 -6.47 0.00 | 104.09 -6.53 0.00 | 102.21 -3.93 0.00 | 85.12 -0.43 0.00 | 74.34 -0.30 0.00 | 67.97 -0.20 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 49.06 -0.25 0.00 | 42.41 -0.43 0.00 | 43.03 -0.22 0.00 | 41.69 -0.25 0.00 | 41.19 -0.29 0.00 | 40.83 0.00 0.00 | 43.47 -0.26 0.00 | 57.16 -0.35 0.00 | 67.21 -0.13 0.00 | 77.37 -0.47 0.00 | 92.97 -0.56 0.00 | 103.11 -4.30 0.00 | 114.64 -7.22 2.56 | 138.29 -8.60 1.41 | 144.38 -7.76 0.00 | 144.83 -9.74 0.00 | 144.24 -9.70 0.00 | 125.62 -8.02 0.00 | 109.01 -6.47 0.00 | 104.09 -6.53 0.00 | 102.21 -3.93 0.00 | 85.12 -0.43 0.00 | 74.34 -0.30 0.00 | 67.97 -0.20 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 49.06 -0.25 0.00 | 42.41 -0.43 0.00 | 43.03 -0.22 0.00 | 41.69 -0.25 0.00 | 41.19 -0.29 0.00 | 40.83 0.00 0.00 | 43.47 -0.26 0.00 | 57.16 -0.35 0.00 | 67.21 -0.13 0.00 | 77.37 -0.47 0.00 | 92.97 -0.56 0.00 | 103.11 -4.30 0.00 | 114.64 -7.22 2.56 | 138.29 -8.60 1.41 | 144.38 -7.76 0.00 | 144.83 -9.74 0.00 | 144.24 -9.70 0.00 | 125.62 -8.02 0.00 | 109.01 -6.47 0.00 | 104.09 -6.53 0.00 | 102.21 -3.93 0.00 | 85.12 -0.43 0.00 | 74.34 -0.30 0.00 | 67.97 -0.20 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 46.79 -2.51 0.00 | 40.39 -2.70 -0.25 | 40.35 -2.90 0.00 | 39.34 -2.60 0.00 | 39.29 -2.20 0.00 | 39.11 -1.71 0.00 | 41.68 -2.06 0.00 | 54.52 -2.99 0.00 | 65.32 -2.02 0.00 | 73.17 -4.67 0.00 | 87.64 -5.89 0.00 | 101.54 -7.30 -1.44 | 118.89 -7.22 -1.69 | 139.29 -9.94 -0.93 | 142.57 -9.59 0.00 | 147.15 -7.42 0.00 | 146.09 -7.85 0.00 | 126.56 -7.08 0.00 | 110.00 -6.70 -1.22 | 103.32 -7.85 -0.56 | 99.23 -6.90 0.00 | 80.08 -5.48 0.00 | 70.46 -4.18 0.00 | 64.02 -4.16 0.00 |

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| NEG WEST___LANCASTR 23811 | 46.49 -2.81 0.00 | 40.14 -3.00 -0.30 | 40.09 -3.16 0.00 | 39.01 -2.94 0.00 | 38.91 -2.57 0.00 | 38.71 -2.12 0.00 | 41.55 -2.19 0.00 | 54.98 -2.53 0.00 | 66.53 -0.81 0.00 | 75.66 -2.18 0.00 | 91.01 -2.53 0.00 | 106.35 -2.79 -1.73 | 124.31 -2.24 -2.13 | 146.50 -2.97 -1.17 | 150.17 -1.98 0.00 | 154.73 0.15 0.00 | 153.94 0.00 0.00 | 133.24 -0.40 0.00 | 115.45 -1.50 -1.47 | 108.08 -3.21 -0.68 | 103.37 -2.76 0.00 | 82.99 -2.57 0.00 | 72.55 -2.09 0.00 | 65.18 -3.00 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 50.24 0.94 0.00 | 44.04 0.64 -0.56 | 43.81 0.56 0.00 | 42.49 0.55 0.00 | 42.15 0.66 0.00 | 41.56 0.73 0.00 | 44.78 1.05 0.00 | 59.41 1.90 0.00 | 70.31 2.96 0.00 | 81.19 3.35 0.00 | 97.46 3.93 0.00 | 115.46 4.83 -3.23 | 134.79 5.85 -4.52 | 157.90 7.12 -2.49 | 159.61 7.46 -0.01 | 162.92 8.35 0.00 | 162.41 8.47 0.00 | 140.73 7.08 0.00 | 123.75 5.54 -2.73 | 116.74 4.87 -1.26 | 110.91 4.78 0.00 | 89.14 3.59 0.00 | 77.63 2.99 0.00 | 70.09 1.91 0.00 |
| NEG___GEN_MONROE 24207 | 48.61 -0.69 0.00 | 41.89 -1.16 -0.21 | 41.82 -1.43 0.00 | 40.77 -1.17 0.00 | 40.53 -0.95 0.00 | 40.34 -0.49 0.00 | 43.21 -0.52 0.00 | 57.11 -0.40 0.00 | 68.02 0.67 0.00 | 77.14 -0.70 0.00 | 93.16 -0.37 0.00 | 108.19 -0.43 -1.21 | 125.16 0.75 0.00 | 148.59 0.30 0.00 | 152.76 0.61 0.00 | 156.74 2.16 0.00 | 155.64 1.69 0.00 | 134.85 1.20 0.00 | 116.85 0.35 -1.03 | 110.31 -0.77 -0.47 | 105.60 -0.53 0.00 | 85.21 -0.34 0.00 | 74.34 -0.30 0.00 | 67.43 -0.75 0.00 |
| NEPA___ENERGY 23901 | 45.85 -3.45 0.00 | 39.70 -3.47 -0.34 | 39.70 -3.55 0.00 | 38.63 -3.31 0.00 | 38.46 -3.03 0.00 | 38.22 -2.61 0.00 | 41.20 -2.54 0.00 | 54.29 -3.22 0.00 | 65.59 -1.75 0.00 | 75.35 -2.49 0.00 | 90.73 -2.81 0.00 | 106.89 -2.47 -1.96 | 124.15 -2.74 -2.47 | 146.84 -2.82 -1.36 | 150.63 -1.52 0.00 | 154.57 0.00 0.00 | 153.94 0.00 0.00 | 133.38 -0.27 0.00 | 115.52 -1.62 -1.66 | 108.39 -2.99 -0.76 | 103.37 -2.76 0.00 | 82.81 -2.74 0.00 | 71.88 -2.76 0.00 | 64.22 -3.95 0.00 |
| NEVERSINK___HYD 23608 | 53.40 4.09 0.00 | 47.71 3.47 -1.40 | 46.57 3.33 0.00 | 45.21 3.27 0.00 | 44.64 3.15 0.00 | 43.61 2.78 0.00 | 46.88 3.15 0.00 | 61.88 4.37 0.00 | 72.53 5.19 0.00 | 84.38 6.54 0.00 | 101.77 8.23 0.00 | 126.66 10.74 -8.51 | 151.61 12.82 -14.38 | 176.73 15.72 -12.71 | 195.54 16.58 -26.81 | 207.27 16.08 -36.62 | 212.34 16.63 -41.77 | 189.05 15.64 -39.77 | 153.28 13.74 -24.06 | 126.77 12.83 -3.32 | 118.02 11.89 0.00 | 94.11 8.56 0.00 | 81.81 7.17 0.00 | 74.38 6.20 0.00 |
| NEWTON___FALLS_HYD 23847 | 49.80 0.49 0.00 | 43.14 0.30 0.00 | 43.59 0.35 0.00 | 42.32 0.38 0.00 | 41.86 0.37 0.00 | 41.52 0.69 0.00 | 44.21 0.48 0.00 | 58.31 0.81 0.00 | 68.29 0.94 0.00 | 77.30 -0.54 0.00 | 93.07 -0.47 0.00 | 104.93 -2.47 0.00 | 119.49 -2.61 2.32 | 144.21 -2.82 1.27 | 149.25 -2.89 0.00 | 150.86 -3.71 0.00 | 150.56 -3.39 0.00 | 129.90 -3.74 0.00 | 111.78 -3.70 0.00 | 107.51 -3.10 0.00 | 104.86 -1.27 0.00 | 85.72 0.17 0.00 | 75.54 0.90 0.00 | 69.61 1.43 0.00 |
| NIAGARA___ 23760 | 46.20 -3.11 0.00 | 40.00 -3.08 -0.25 | 40.00 -3.24 0.00 | 39.01 -2.94 0.00 | 38.91 -2.57 0.00 | 38.67 -2.16 0.00 | 41.02 -2.71 0.00 | 53.71 -3.80 0.00 | 64.24 -3.10 0.00 | 72.00 -5.84 0.00 | 85.87 -7.67 0.00 | 100.14 -8.70 -1.43 | 117.01 -9.08 -1.68 | 136.91 -12.31 -0.92 | 139.98 -12.17 0.00 | 144.53 -10.05 0.00 | 143.63 -10.31 0.00 | 124.42 -9.22 0.00 | 108.38 -8.31 -1.21 | 101.88 -9.29 -0.56 | 97.96 -8.17 0.00 | 79.14 -6.42 0.00 | 69.64 -5.00 0.00 | 63.41 -4.77 0.00 |
| NINE_MILE_1 23575 | 48.12 -1.18 0.00 | 41.83 -1.11 -0.10 | 42.03 -1.21 0.00 | 40.81 -1.13 0.00 | 40.41 -1.08 0.00 | 39.81 -1.02 0.00 | 42.60 -1.14 0.00 | 56.07 -1.44 0.00 | 65.66 -1.68 0.00 | 75.58 -2.26 0.00 | 90.64 -2.90 0.00 | 104.57 -3.44 -0.61 | 120.56 -3.86 0.00 | 143.70 -4.60 0.00 | 147.43 -4.72 0.00 | 150.09 -4.48 0.00 | 149.48 -4.46 0.00 | 129.63 -4.01 0.00 | 112.30 -3.70 -0.51 | 107.42 -3.43 -0.24 | 103.06 -3.08 0.00 | 83.16 -2.40 0.00 | 72.77 -1.87 0.00 | 66.81 -1.36 0.00 |
| NINE_MILE_2 23744 | 48.12 -1.18 0.00 | 41.83 -1.11 -0.10 | 42.03 -1.21 0.00 | 40.81 -1.13 0.00 | 40.41 -1.08 0.00 | 39.81 -1.02 0.00 | 42.60 -1.14 0.00 | 56.07 -1.44 0.00 | 65.66 -1.68 0.00 | 75.58 -2.26 0.00 | 90.64 -2.90 0.00 | 104.57 -3.44 -0.60 | 120.56 -3.86 0.00 | 143.70 -4.60 0.00 | 147.43 -4.72 0.00 | 150.09 -4.48 0.00 | 149.48 -4.46 0.00 | 129.77 -3.88 0.00 | 112.29 -3.70 -0.51 | 107.42 -3.43 -0.23 | 103.06 -3.08 0.00 | 83.16 -2.40 0.00 | 72.77 -1.87 0.00 | 66.81 -1.36 0.00 |
| NM_CAPITAL___DRP 24208 | 52.06 2.76 0.00 | 47.58 2.70 -2.04 | 45.79 2.55 0.00 | 44.38 2.43 0.00 | 43.85 2.36 0.00 | 42.99 2.16 0.00 | 46.44 2.71 0.00 | 60.27 2.76 0.00 | 69.97 2.63 0.00 | 82.04 4.20 0.00 | 98.87 5.33 0.00 | 127.25 7.30 -12.55 | 154.07 8.58 -21.07 | 169.96 10.08 -11.58 | 162.69 10.50 -0.04 | 165.08 10.51 0.00 | 164.10 10.16 0.00 | 142.60 8.95 0.00 | 133.84 7.74 -10.62 | 122.70 7.19 -4.90 | 111.97 5.84 0.00 | 89.74 4.19 0.00 | 77.40 2.76 0.00 | 70.50 2.32 0.00 |
| NM_CENTRAL___DRP 24181 | 49.30 0.00 0.00 | 42.89 -0.09 -0.14 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.79 -0.04 0.00 | 43.78 0.04 0.00 | 57.97 0.46 0.00 | 68.02 0.67 0.00 | 78.23 0.39 0.00 | 93.72 0.19 0.00 | 108.41 0.21 -0.79 | 125.04 0.62 0.00 | 149.33 1.04 0.00 | 153.06 0.91 0.00 | 156.12 1.55 0.00 | 155.48 1.54 0.00 | 134.71 1.07 0.00 | 116.38 0.23 -0.67 | 111.03 0.11 -0.31 | 106.56 0.42 0.00 | 85.89 0.34 0.00 | 75.16 0.52 0.00 | 68.59 0.41 0.00 |
| NM_FRONTIER___DRP 24179 | 46.49 -2.81 0.00 | 40.22 -2.87 -0.25 | 40.22 -3.03 0.00 | 39.22 -2.73 0.00 | 39.12 -2.36 0.00 | 38.91 -1.92 0.00 | 41.24 -2.49 0.00 | 54.12 -3.39 0.00 | 64.85 -2.49 0.00 | 72.63 -5.22 0.00 | 86.71 -6.83 0.00 | 101.02 -7.84 -1.46 | 118.17 -7.96 -1.72 | 138.27 -10.97 -0.94 | 141.50 -10.65 0.00 | 146.07 -8.50 0.00 | 145.17 -8.77 0.00 | 125.76 -7.88 0.00 | 109.44 -7.28 -1.23 | 102.89 -8.30 -0.57 | 98.92 -7.22 0.00 | 79.91 -5.65 0.00 | 70.39 -4.25 0.00 | 64.02 -4.16 0.00 |
| NM_ST_REGIS___HYD 24053 | 48.12 -1.18 0.00 | 41.68 -1.16 0.00 | 42.29 -0.95 0.00 | 41.02 -0.92 0.00 | 40.53 -0.95 0.00 | 40.34 -0.49 0.00 | 42.68 -1.05 0.00 | 56.13 -1.38 0.00 | 65.52 -1.82 0.00 | 74.73 -3.11 0.00 | 89.98 -3.55 0.00 | 100.32 -7.09 0.00 | 113.37 -8.58 2.47 | 136.86 -10.08 1.36 | 142.10 -10.04 0.00 | 142.98 -11.59 0.00 | 142.55 -11.39 0.00 | 123.89 -9.76 0.00 | 107.16 -8.31 0.00 | 102.98 -7.63 0.00 | 100.30 -5.84 0.00 | 82.90 -2.65 0.00 | 72.85 -1.79 0.00 | 66.81 -1.36 0.00 |
| NORTHPORT___1 23551 | 87.68 5.28 -33.10 | 84.14 4.37 -36.94 | 77.28 4.06 -29.97 | 63.57 3.98 -17.64 | 63.53 3.78 -18.27 | 68.03 3.63 -23.56 | 81.94 4.68 -33.53 | 88.54 6.67 -24.36 | 94.57 7.54 -19.68 | 110.43 9.11 -23.48 | 141.39 10.85 -37.00 | 146.52 14.07 -25.05 | 146.52 16.67 -5.43 | 146.51 19.13 20.92 | 151.26 19.93 20.82 | 152.69 20.56 22.45 | 153.01 20.47 21.40 | 151.45 17.77 -0.04 | 148.80 15.01 -18.31 | 148.80 14.71 -23.48 | 148.80 13.05 -29.61 | 146.72 9.75 -51.41 | 112.49 8.36 -29.49 | 97.55 6.34 -23.03 |
| NORTHPORT___2 23552 | 87.68 5.28 -33.10 | 84.14 4.37 -36.94 | 77.28 4.06 -29.97 | 63.57 3.98 -17.64 | 63.53 3.78 -18.27 | 68.03 3.63 -23.56 | 81.94 4.68 -33.53 | 88.54 6.67 -24.36 | 94.57 7.54 -19.68 | 110.43 9.11 -23.48 | 141.39 10.85 -37.00 | 146.52 14.07 -25.05 | 146.52 16.67 -5.43 | 146.51 19.13 20.92 | 151.26 19.93 20.82 | 152.69 20.56 22.45 | 153.01 20.47 21.40 | 151.45 17.77 -0.04 | 148.80 15.01 -18.31 | 148.80 14.71 -23.48 | 148.80 13.05 -29.61 | 146.72 9.75 -51.41 | 112.49 8.36 -29.49 | 97.55 6.34 -23.03 |
| NORTHPORT___3 23553 | 88.13 5.77 -33.06 | 84.70 4.97 -36.89 | 77.85 4.67 -29.93 | 64.14 4.57 -17.62 | 64.09 4.36 -18.25 | 68.57 4.21 -23.54 | 82.51 5.29 -33.49 | 88.94 7.07 -24.36 | 95.24 8.22 -19.68 | 111.44 10.12 -23.48 | 142.33 11.79 -37.01 | 146.71 14.28 -25.02 | 146.71 17.05 -5.25 | 146.71 19.87 21.46 | 151.22 20.69 21.62 | 152.58 21.33 23.32 | 153.06 21.40 22.28 | 151.50 18.44 0.58 | 148.85 15.59 -17.78 | 148.89 14.93 -23.34 | 148.97 13.27 -29.57 | 146.71 9.75 -51.41 | 113.01 8.88 -29.49 | 98.14 6.95 -23.01 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
| NORTHPORT___4 23650 | 88.13 5.77 -33.06 | 84.70 4.97 -36.89 | 77.85 4.67 -29.93 | 64.14 4.57 -17.62 | 64.09 4.36 -18.25 | 68.57 4.21 -23.54 | 82.51 5.29 -33.49 | 88.94 7.07 -24.36 | 95.24 8.22 -19.68 | 111.44 10.12 -23.48 | 142.33 11.79 -37.01 | 146.71 14.28 -25.02 | 146.71 17.05 -5.25 | 146.71 19.87 21.46 | 151.22 20.69 21.62 | 152.58 21.33 23.32 | 153.06 21.40 22.28 | 151.50 18.44 0.58 | 148.85 15.59 -17.78 | 148.89 14.93 -23.34 | 148.97 13.27 -29.57 | 146.71 9.75 -51.41 | 113.01 8.88 -29.49 | 98.14 6.95 -23.01 |
| NORTHPORT___IC 23718 | 87.68 5.28 -33.10 | 84.14 4.37 -36.94 | 77.28 4.06 -29.97 | 63.57 3.98 -17.64 | 63.53 3.78 -18.27 | 68.03 3.63 -23.56 | 81.94 4.68 -33.53 | 88.54 6.67 -24.36 | 94.57 7.54 -19.68 | 110.43 9.11 -23.48 | 141.39 10.85 -37.00 | 146.52 14.07 -25.05 | 146.52 16.67 -5.43 | 146.51 19.13 20.92 | 151.26 19.93 20.82 | 152.69 20.56 22.45 | 153.01 20.47 21.40 | 151.45 17.77 -0.04 | 148.80 15.01 -18.31 | 148.80 14.71 -23.48 | 148.80 13.05 -29.61 | 146.72 9.75 -51.41 | 112.49 8.36 -29.49 | 97.55 6.34 -23.03 |
| NPX_GEN_1385_PROXY 323591 | 86.40 3.99 -33.10 | 82.99 3.21 -36.94 | 76.15 2.94 -29.97 | 62.44 2.85 -17.64 | 62.45 2.70 -18.27 | 66.97 2.57 -23.56 | 80.76 3.50 -33.53 | 86.98 5.12 -24.36 | 92.09 5.66 -19.09 | 106.48 7.01 -21.63 | 141.03 8.04 -39.45 | 143.30 10.85 -25.05 | 143.16 13.31 -5.43 | 142.50 15.13 20.92 | 148.06 16.74 20.82 | 149.44 17.31 22.45 | 150.55 18.01 21.40 | 147.71 14.03 -0.04 | 145.68 11.89 -18.31 | 145.48 11.39 -23.48 | 145.62 9.87 -29.61 | 152.79 7.19 -60.05 | 106.38 6.20 -25.55 | 91.02 4.50 -18.34 |
| NPX_GEN_CSC 323557 | 87.77 5.42 -33.04 | 84.08 4.37 -36.87 | 77.18 4.02 -29.92 | 63.54 3.98 -17.61 | 63.50 3.78 -18.24 | 67.99 3.63 -23.52 | 81.84 4.64 -33.47 | 88.94 7.07 -24.36 | 94.99 8.55 -19.09 | 109.67 10.20 -21.63 | 145.62 12.63 -39.46 | 158.85 16.54 -34.91 | 197.63 19.78 -53.43 | 296.14 20.76 -127.09 | 370.59 21.15 -197.29 | 394.52 21.79 -218.15 | 394.54 21.71 -218.89 | 318.71 18.98 -166.09 | 291.34 16.51 -159.35 | 186.37 18.14 -57.62 | 161.43 16.03 -39.27 | 157.58 11.98 -60.05 | 110.27 10.08 -25.55 | 94.01 7.30 -18.54 |
| NSINS_S_GLNS_FALLS 23858 | 53.69 4.39 0.00 | 49.03 4.11 -2.08 | 46.92 3.68 0.00 | 45.26 3.31 0.00 | 44.72 3.24 0.00 | 44.14 3.31 0.00 | 47.89 4.15 0.00 | 62.57 5.06 0.00 | 73.27 5.93 0.00 | 86.25 8.41 0.00 | 103.64 13.43 0.00 | 133.68 15.55 -12.85 | 166.10 17.50 -26.13 | 181.10 18.41 -15.30 | 175.83 18.09 -5.28 | 179.80 17.24 -7.15 | 179.34 15.50 -8.15 | 156.91 15.82 -7.76 | 145.46 15.04 -14.16 | 130.67 13.05 -5.02 | 119.19 9.84 0.00 | 95.39 6.20 0.00 | 80.84 5.59 0.00 | 73.77 0.00 |
| NUCOR_STEEL___DRP 24197 | 49.21 -0.10 0.00 | 42.79 -0.26 -0.21 | 42.85 -0.39 0.00 | 41.61 -0.34 0.00 | 41.28 -0.21 0.00 | 40.83 0.00 0.00 | 43.91 0.17 0.00 | 58.83 1.32 0.00 | 69.36 2.02 0.00 | 79.71 1.87 0.00 | 95.41 1.87 0.00 | 110.24 1.61 -1.22 | 127.03 2.61 0.00 | 151.86 3.56 0.00 | 155.80 4.64 0.00 | 159.21 4.77 0.00 | 158.71 3.88 0.00 | 137.52 2.08 -1.03 | 118.59 1.66 -0.48 | 112.75 2.23 0.00 | 108.36 1.97 0.00 | 87.52 1.87 0.00 | 76.51 1.02 0.00 | 69.20 1.02 |
| NYISO_LBMP_REFERENCE 24008 | 49.30 0.00 0.00 | 42.84 0.00 0.00 | 43.24 0.00 0.00 | 41.94 0.00 0.00 | 41.48 0.00 0.00 | 40.83 0.00 0.00 | 43.73 0.00 0.00 | 57.51 0.00 0.00 | 67.34 0.00 0.00 | 77.84 0.00 0.00 | 93.54 0.00 0.00 | 107.40 0.00 0.00 | 124.42 0.00 0.00 | 148.30 0.00 0.00 | 152.15 0.00 0.00 | 154.57 0.00 0.00 | 153.94 0.00 0.00 | 133.64 0.00 0.00 | 115.48 0.00 0.00 | 110.61 0.00 0.00 | 106.13 0.00 0.00 | 85.55 0.00 0.00 | 74.64 0.00 0.00 | 68.18 0.00 |
| NYPA_BRENTWD___GT 24164 | 88.33 6.06 -32.96 | 84.59 4.97 -36.78 | 77.71 4.63 -29.84 | 64.04 4.53 -17.57 | 63.99 4.31 -18.19 | 68.50 4.21 -23.46 | 82.45 5.34 -33.38 | 89.40 7.53 -24.36 | 95.91 8.89 -19.68 | 111.68 10.35 -23.48 | 143.17 12.63 -37.01 | 158.75 16.43 -34.91 | 197.38 19.53 -53.43 | 298.07 22.69 -127.09 | 373.02 23.58 -197.29 | 396.99 24.27 -218.15 | 397.00 24.17 -218.89 | 320.71 20.98 -166.09 | 292.61 17.78 -159.35 | 185.37 17.14 -57.62 | 160.69 15.28 -39.27 | 148.34 11.38 -51.41 | 113.76 9.63 -29.49 | 98.85 7.16 -23.51 |
| NYPA_GOWANUS___GT5 24156 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.89 6.84 -29.53 | 100.85 8.22 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.68 15.04 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.11 15.38 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.22 7.43 -71.61 |
| NYPA_GOWANUS___GT6 24157 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.89 6.84 -29.53 | 100.85 8.22 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.68 15.04 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.11 15.38 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.22 7.43 -71.61 |
| NYPA_HARLEM__RVR__GT1 24160 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.61 7.27 0.01 | 86.55 8.72 0.01 | 89.25 10.66 14.95 | 89.25 13.75 31.90 | 89.25 16.30 51.47 | 89.25 19.13 49.94 | 117.48 19.47 79.00 | 92.62 20.09 85.42 | 89.25 20.17 84.86 | 89.46 17.37 61.56 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.87 9.33 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.61 7.27 0.01 | 86.55 8.72 0.01 | 89.25 10.66 14.95 | 89.25 13.75 31.90 | 89.25 16.30 51.47 | 89.25 19.13 49.94 | 117.48 19.47 79.00 | 92.62 20.09 85.42 | 89.25 20.17 84.86 | 89.46 17.37 61.56 | 170.43 15.01 -39.94 | 128.62 14.16 -3.85 | 118.65 12.52 0.01 | 94.87 9.33 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| NYPA_KENT___GT 24152 | 119.73 5.57 -64.85 | 120.00 4.63 -72.53 | 95.86 4.19 -48.42 | 96.74 4.19 -50.60 | 76.31 3.98 -30.84 | 75.17 3.80 -30.55 | 76.22 4.90 -27.59 | 87.28 6.67 -23.10 | 90.84 8.01 -15.48 | 90.67 9.65 -3.17 | 79.77 11.60 25.36 | 122.79 14.82 -0.56 | 161.11 17.54 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.38 21.18 -68.64 | 253.47 21.24 -78.29 | 226.50 18.31 -74.54 | 171.25 15.82 -39.95 | 104.63 15.15 21.14 | 88.49 13.37 31.02 | 88.49 10.01 7.07 | 99.88 8.88 -16.36 | 93.70 7.23 -18.30 |
| NYPA_POUCH1___GT 24155 | 176.46 5.62 -121.54 | 176.57 4.58 -129.15 | 120.49 4.15 -73.10 | 122.26 4.19 -76.12 | 84.37 3.98 -38.90 | 80.79 3.76 -36.20 | 81.33 4.90 -32.70 | 99.30 6.73 -35.06 | 108.36 8.08 -32.94 | 174.81 9.81 -87.17 | 166.63 11.79 -61.31 | 154.71 14.93 -32.38 | 161.36 17.79 -19.15 | 188.00 20.17 -19.54 | 222.92 20.54 -50.24 | 244.54 21.33 -68.64 | 253.63 21.40 -78.29 | 226.63 18.44 -74.55 | 172.46 15.94 -41.05 | 190.38 15.49 -64.28 | 195.22 13.69 -75.40 | 206.20 10.27 -110.38 | 176.94 9.11 -93.19 | 176.06 7.36 -100.52 |
| NYPA_VERNON___GT2 24162 | 92.24 5.47 -37.46 | 92.75 4.58 -45.33 | 82.76 4.15 -35.37 | 83.26 4.07 -37.25 | 76.39 3.90 -31.01 | 77.79 3.67 -33.28 | 78.60 4.81 -30.06 | 80.72 6.56 -16.66 | 80.89 7.88 -5.67 | 88.35 9.42 -1.09 | 96.14 11.32 8.71 | 128.68 14.61 -6.67 | 160.86 17.29 -19.15 | 188.15 20.32 -19.53 | 223.07 20.69 -50.23 | 244.38 21.18 -68.64 | 253.47 21.24 -78.29 | 226.50 18.31 -74.54 | 171.25 15.82 -39.95 | 120.70 14.82 4.73 | 108.64 13.16 10.66 | 92.87 9.75 2.43 | 88.92 8.66 -5.62 | 81.56 7.09 -6.29 |
| NYPA_VERNON___GT3 24163 | 92.24 5.47 -37.46 | 92.75 4.58 -45.33 | 82.76 4.15 -35.37 | 83.26 4.07 -37.25 | 76.39 3.90 -31.01 | 77.79 3.67 -33.28 | 78.60 4.81 -30.06 | 80.72 6.56 -16.66 | 80.89 7.88 -5.67 | 88.35 9.42 -1.09 | 96.14 11.32 8.71 | 128.68 14.61 -6.67 | 160.86 17.29 -19.15 | 188.15 20.32 -19.53 | 223.07 20.69 -50.23 | 244.38 21.18 -68.64 | 253.47 21.24 -78.29 | 226.50 18.31 -74.54 | 171.25 15.82 -39.95 | 120.70 14.82 4.73 | 108.64 13.16 10.66 | 92.87 9.75 2.43 | 88.92 8.66 -5.62 | 81.56 7.09 -6.29 |

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| NYPYA__ASTORIA_CC1 323568 | 73.24 5.42 -18.51 | 72.59 4.54 -25.21 | 70.20 4.11 -22.85 | 70.20 4.03 -24.23 | 70.20 3.82 -24.90 | 72.26 3.63 -27.80 | 73.56 4.72 -25.10 | 74.59 6.44 -10.64 | 75.45 7.68 -0.43 | 87.10 9.26 0.01 | 104.56 11.04 0.01 | 131.45 14.18 -9.86 | 160.48 16.92 -19.14 | 187.70 19.87 -19.53 | 222.61 20.24 -50.23 | 243.91 20.71 -68.63 | 253.00 20.78 -78.28 | 226.09 17.91 -74.54 | 170.90 15.47 -39.94 | 128.95 14.49 -3.85 | 118.97 12.84 0.01 | 95.04 9.50 0.01 | 83.15 8.51 0.00 | 75.14 6.95 -0.01 |
| NYPYA__ASTORIA_CC2 323569 | 73.24 5.42 -18.51 | 72.59 4.54 -25.21 | 70.20 4.11 -22.85 | 70.20 4.03 -24.23 | 70.20 3.82 -24.90 | 72.26 3.63 -27.80 | 73.56 4.72 -25.10 | 74.59 6.44 -10.64 | 75.45 7.68 -0.43 | 87.10 9.26 0.01 | 104.56 11.04 0.01 | 131.45 14.18 -9.86 | 160.48 16.92 -19.14 | 187.70 19.87 -19.53 | 222.61 20.24 -50.23 | 243.91 20.71 -68.63 | 253.00 20.78 -78.28 | 226.09 17.91 -74.54 | 170.90 15.47 -39.94 | 128.95 14.49 -3.85 | 118.97 12.84 0.01 | 95.04 9.50 0.01 | 83.15 8.51 0.00 | 75.14 6.95 -0.01 |
| NYPYA__HOLTSVILL 23794 | 87.97 5.62 -33.05 | 84.34 4.63 -36.88 | 77.45 4.28 -29.92 | 63.79 4.24 -17.62 | 63.75 4.02 -18.24 | 68.28 3.92 -23.53 | 82.15 4.94 -33.47 | 89.11 7.25 -24.36 | 95.58 8.55 -19.68 | 111.60 10.28 -23.48 | 142.99 12.44 -37.01 | 158.32 16.00 -34.91 | 196.88 19.04 -53.43 | 297.03 21.65 -127.09 | 371.96 22.52 -197.29 | 395.91 23.19 -218.15 | 395.92 23.09 -218.89 | 319.78 20.05 -166.09 | 291.80 16.98 -159.35 | 185.26 17.03 -57.62 | 160.58 15.18 -39.27 | 148.34 11.38 -51.41 | 113.83 9.70 -29.49 | 98.55 7.16 -23.21 |
| NYPYA__HELLGATE_GT1 24158 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.61 7.27 0.01 | 86.55 8.72 0.01 | 103.55 10.76 0.74 | 129.06 13.86 -7.80 | 156.50 16.42 -15.66 | 183.68 19.28 -16.10 | 215.63 19.63 -43.85 | 235.85 20.25 -61.03 | 244.50 20.32 -70.24 | 218.98 17.51 -67.83 | 170.55 15.13 -39.94 | 128.73 14.27 -3.85 | 118.76 12.63 0.01 | 94.87 9.33 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| NYPYA__HELLGATE_GT2 24159 | 54.54 5.23 -0.01 | 48.80 4.33 -1.63 | 47.27 4.02 -0.01 | 45.81 3.86 -0.01 | 45.14 3.65 -0.01 | 44.31 3.47 -0.01 | 48.23 4.50 0.01 | 63.71 6.21 0.01 | 74.61 7.27 0.01 | 86.55 8.72 0.01 | 103.55 10.76 0.74 | 129.06 13.86 -7.80 | 156.50 16.42 -15.66 | 183.68 19.28 -16.10 | 215.63 19.63 -43.85 | 235.85 20.25 -61.03 | 244.50 20.32 -70.24 | 218.98 17.51 -67.83 | 170.55 15.13 -39.94 | 128.73 14.27 -3.85 | 118.76 12.63 0.01 | 94.87 9.33 0.01 | 83.15 8.51 0.00 | 75.00 6.82 -0.01 |
| NYS_BARGE__HYD 23848 | 46.89 -2.42 0.00 | 40.47 -2.61 -0.25 | 40.43 -2.81 0.00 | 39.43 -2.52 0.00 | 39.33 -2.16 0.00 | 39.20 -1.63 0.00 | 41.81 -1.92 0.00 | 54.81 -2.70 0.00 | 65.79 -1.55 0.00 | 73.79 -4.05 0.00 | 88.39 -5.14 0.00 | 102.28 -6.55 -1.43 | 119.74 -6.35 -1.67 | 140.32 -8.90 -0.92 | 143.78 -8.37 0.00 | 148.39 -6.18 0.00 | 147.32 -6.62 0.00 | 127.63 -6.01 0.00 | 110.91 -5.77 -1.21 | 104.09 -7.08 -0.56 | 99.98 -6.16 0.00 | 80.68 -4.88 0.00 | 70.98 -3.66 0.00 | 64.43 -3.75 0.00 |
| O.H_GEN_BRUCE 24063 | 46.20 -3.11 0.00 | 39.99 -3.08 -0.24 | 40.00 -3.24 0.00 | 39.01 -2.94 0.00 | 38.87 -2.61 0.00 | 38.67 -2.16 0.00 | 41.02 -2.71 0.00 | 53.71 -3.80 0.00 | 63.59 -3.17 0.59 | 70.07 -5.92 1.85 | 88.31 -7.67 -2.44 | 100.10 -8.70 -1.39 | 117.08 -8.96 -1.62 | 136.88 -12.31 -0.89 | 140.13 -12.02 0.00 | 144.68 -9.89 0.00 | 143.63 -10.31 0.00 | 124.56 -9.09 0.00 | 108.34 -8.31 -1.18 | 101.87 -9.29 -0.55 | 97.96 -8.17 0.00 | 87.77 -6.42 -8.64 | 65.70 -5.00 3.94 | 58.71 -4.77 4.69 |
| OAK ORCHARD__HYD 24046 | 48.17 -1.13 0.00 | 41.67 -1.37 -0.20 | 41.60 -1.64 0.00 | 40.52 -1.43 0.00 | 40.28 -1.20 0.00 | 40.01 -0.82 0.00 | 42.77 -0.96 0.00 | 56.42 -1.09 0.00 | 66.94 -0.40 0.00 | 76.13 -1.71 0.00 | 91.66 -1.87 0.00 | 106.53 -2.04 -1.17 | 123.05 -1.37 0.00 | 146.22 -2.08 0.00 | 150.17 -1.98 0.00 | 153.95 -0.62 0.00 | 153.02 -0.92 0.00 | 132.57 -1.07 0.00 | 114.97 -1.50 -0.99 | 108.74 -2.32 -0.46 | 104.12 -2.02 0.00 | 84.01 -1.54 0.00 | 73.37 -1.27 0.00 | 66.75 -1.43 0.00 |
| OCC_CHEM__DRP 24175 | 46.54 -2.76 0.00 | 40.26 -2.83 -0.25 | 40.26 -2.98 0.00 | 39.26 -2.68 0.00 | 39.16 -2.32 0.00 | 38.95 -1.88 0.00 | 41.33 -2.41 0.00 | 54.23 -3.28 0.00 | 64.99 -2.36 0.00 | 72.78 -5.06 0.00 | 86.89 -6.64 0.00 | 101.35 -7.52 -1.46 | 118.42 -7.71 -1.72 | 138.56 -10.68 -0.95 | 141.80 -10.35 0.00 | 146.54 -8.04 0.00 | 145.63 -8.31 0.00 | 126.16 -7.48 0.00 | 109.79 -6.93 -1.24 | 103.11 -8.07 -0.57 | 99.13 -7.00 0.00 | 80.08 -5.48 0.00 | 70.54 -4.11 0.00 | 64.16 -4.02 0.00 |
| OLIN_CORP_DRP 24177 | 46.59 -2.71 0.00 | 40.26 -2.83 -0.25 | 40.26 -2.98 0.00 | 39.26 -2.68 0.00 | 39.16 -2.32 0.00 | 38.99 -1.84 0.00 | 41.68 -2.06 0.00 | 54.81 -2.70 0.00 | 65.86 -1.48 0.00 | 73.95 -3.89 0.00 | 88.48 -5.05 0.00 | 101.69 -7.20 -1.49 | 118.96 -7.22 -1.76 | 139.18 -10.08 -0.96 | 142.41 -9.74 0.00 | 147.15 -7.42 0.00 | 146.24 -7.70 0.00 | 126.69 -6.95 0.00 | 110.15 -6.58 -1.26 | 103.45 -7.74 -0.58 | 99.45 -6.69 0.00 | 80.25 -5.30 0.00 | 70.68 -3.96 0.00 | 64.22 -3.95 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 49.45 0.15 0.00 | 43.00 0.00 -0.16 | 43.16 -0.09 0.00 | 41.82 -0.13 0.00 | 41.44 -0.04 0.00 | 40.91 0.08 0.00 | 43.91 0.17 0.00 | 58.26 0.75 0.00 | 68.42 1.08 0.00 | 78.62 0.78 0.00 | 94.10 0.56 0.00 | 108.99 0.64 -0.94 | 125.54 1.12 0.00 | 150.08 1.78 0.00 | 153.67 1.52 0.00 | 156.74 2.16 0.00 | 156.25 2.31 0.00 | 135.38 1.74 0.00 | 117.08 0.81 -0.80 | 111.64 0.66 -0.37 | 107.09 0.96 0.00 | 86.32 0.77 0.00 | 75.54 0.90 0.00 | 68.93 0.75 0.00 |
| ONONDAGA__COGEN 23986 | 49.30 0.00 0.00 | 42.91 -0.09 -0.16 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.79 -0.04 0.00 | 43.78 0.04 0.00 | 58.03 0.52 0.00 | 68.02 0.67 0.00 | 77.76 -0.08 0.00 | 92.88 -0.65 0.00 | 107.49 -0.86 -0.95 | 123.80 -0.62 0.00 | 148.00 -0.30 0.00 | 151.54 -0.61 0.00 | 154.57 0.00 0.00 | 154.10 0.15 0.00 | 133.64 0.00 0.00 | 115.59 -0.69 -0.80 | 110.32 -0.66 -0.37 | 105.92 -0.66 0.00 | 85.38 -0.17 0.00 | 74.79 0.15 0.00 | 68.66 0.48 0.00 |
| ONTARIO__LFGE 23819 | 49.60 0.30 0.00 | 43.03 -0.04 -0.24 | 43.03 -0.22 0.00 | 41.77 -0.17 0.00 | 41.48 0.00 0.00 | 41.16 0.33 0.00 | 44.30 0.57 0.00 | 59.23 1.73 0.00 | 70.31 2.96 0.00 | 80.57 2.72 0.00 | 96.62 3.09 0.00 | 112.55 3.76 -1.38 | 130.95 4.98 -1.56 | 155.53 6.38 -0.86 | 158.69 6.54 0.00 | 162.61 8.04 0.00 | 161.95 8.00 0.00 | 140.33 6.68 0.00 | 121.15 4.50 -1.17 | 114.69 3.54 -0.54 | 109.85 3.71 0.00 | 88.46 2.91 0.00 | 77.10 2.46 0.00 | 69.47 1.30 0.00 |
| OSWEGATCHIE__HYD 24044 | 49.80 0.49 0.00 | 43.14 0.30 0.00 | 43.59 0.35 0.00 | 42.32 0.38 0.00 | 41.86 0.37 0.00 | 41.52 0.69 0.00 | 44.21 0.48 0.00 | 58.31 0.81 0.00 | 68.29 0.94 0.00 | 77.30 -0.54 0.00 | 93.07 -0.47 0.00 | 104.93 -2.47 0.00 | 119.49 -2.61 2.32 | 144.21 -2.82 1.27 | 149.25 -2.89 0.00 | 150.86 -3.71 0.00 | 150.56 -3.39 0.00 | 129.90 -3.74 0.00 | 111.78 -3.70 0.00 | 107.51 -3.10 0.00 | 104.86 -1.27 0.00 | 85.72 0.17 0.00 | 75.54 0.90 0.00 | 69.61 1.43 0.00 |
| OSWEGO__5 23606 | 48.47 -0.84 0.00 | 42.14 -0.81 -0.12 | 42.34 -0.91 0.00 | 41.10 -0.84 0.00 | 40.70 -0.79 0.00 | 40.14 -0.69 0.00 | 42.95 -0.79 0.00 | 56.53 -0.98 0.00 | 66.20 -1.14 0.00 | 76.13 -1.71 0.00 | 91.20 -2.34 0.00 | 105.31 -2.79 -0.69 | 121.31 -3.11 0.00 | 144.59 -3.71 0.00 | 148.19 -3.96 0.00 | 151.02 -3.56 0.00 | 150.40 -3.54 0.00 | 130.44 -3.21 0.00 | 113.06 -3.00 -0.59 | 108.23 -2.65 -0.27 | 103.90 -2.23 0.00 | 83.75 -1.80 0.00 | 73.37 -1.27 0.00 | 67.29 -0.89 0.00 |
| OSWEGO__6 23613 | 48.47 -0.84 0.00 | 42.14 -0.81 -0.12 | 42.34 -0.91 0.00 | 41.10 -0.84 0.00 | 40.70 -0.79 0.00 | 40.14 -0.69 0.00 | 42.95 -0.79 0.00 | 56.53 -0.98 0.00 | 66.20 -1.14 0.00 | 76.13 -1.71 0.00 | 91.20 -2.34 0.00 | 105.31 -2.79 -0.69 | 121.31 -3.11 0.00 | 144.59 -3.71 0.00 | 148.19 -3.96 0.00 | 151.02 -3.56 0.00 | 150.40 -3.54 0.00 | 130.44 -3.21 0.00 | 113.06 -3.00 -0.59 | 108.23 -2.65 -0.27 | 103.90 -2.23 0.00 | 83.75 -1.80 0.00 | 73.37 -1.27 0.00 | 67.29 -0.89 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 47.13 -2.17 0.00 | 40.70 -2.40 -0.26 | 40.65 -2.59 0.00 | 39.59 -2.35 0.00 | 39.53 -1.95 0.00 | 39.36 -1.47 0.00 | 41.90 -1.84 0.00 | 55.27 -2.24 0.00 | 66.47 -0.88 0.00 | 74.65 -3.19 0.00 | 89.33 -4.21 0.00 | 103.74 -5.16 -1.49 | 121.58 -4.60 -1.77 | 142.59 -6.67 -0.97 | 146.06 -6.09 0.00 | 150.71 -3.86 0.00 | 149.79 -4.16 0.00 | 129.63 -4.01 0.00 | 112.58 -4.16 -1.26 | 105.55 -5.64 -0.58 | 101.46 -4.67 0.00 | 81.87 -3.68 0.00 | 72.03 -2.61 0.00 | 65.18 -3.00 0.00 |
| OXBOW____ 24026 | 46.69 -2.61 0.00 | 40.35 -2.74 -0.25 | 40.30 -2.94 0.00 | 39.30 -2.64 0.00 | 39.20 -2.28 0.00 | 39.03 -1.80 0.00 | 41.46 -2.27 0.00 | 54.63 -2.88 0.00 | 65.66 -1.68 0.00 | 73.72 -4.13 0.00 | 88.11 -5.43 0.00 | 102.54 -6.34 -1.48 | 120.06 -6.10 -1.74 | 140.65 -8.60 -0.96 | 144.09 -8.06 0.00 | 148.70 -5.87 0.00 | 147.78 -6.16 0.00 | 128.03 -5.61 0.00 | 111.19 -5.54 -1.25 | 104.33 -6.86 -0.58 | 100.30 -5.84 0.00 | 80.93 -4.62 0.00 | 71.28 -3.36 0.00 | 64.63 -3.55 0.00 |
| OXY_CHEM_DSASP 323612 | 46.54 -2.76 0.00 | 40.26 -2.83 -0.25 | 40.26 -2.98 0.00 | 39.26 -2.68 0.00 | 39.16 -2.32 0.00 | 38.95 -1.88 0.00 | 41.33 -2.41 0.00 | 54.23 -3.28 0.00 | 64.99 -2.36 0.00 | 72.78 -5.06 0.00 | 86.89 -6.64 0.00 | 101.35 -7.52 -1.46 | 118.42 -7.71 -1.72 | 138.56 -10.68 -0.95 | 141.80 -10.35 0.00 | 146.54 -8.04 0.00 | 145.63 -8.31 0.00 | 126.16 -7.48 0.00 | 109.79 -6.93 -1.24 | 103.11 -8.07 -0.57 | 99.13 -7.00 0.00 | 80.08 -5.48 0.00 | 70.54 -4.11 0.00 | 64.16 -4.02 0.00 |
| PEEKSKILL____ 23653 | 53.84 4.54 0.00 | 48.22 3.77 -1.61 | 46.70 3.46 0.00 | 45.30 3.36 0.00 | 44.68 3.19 0.00 | 43.85 3.02 0.00 | 47.71 3.98 0.00 | 62.97 5.46 0.00 | 73.87 6.53 0.00 | 86.01 8.17 0.00 | 103.64 10.10 0.00 | 130.41 13.21 -9.79 | 159.03 15.68 -18.94 | 186.55 18.98 -19.27 | 221.01 19.47 -49.39 | 242.15 20.09 -67.48 | 250.93 20.01 -76.97 | 224.18 17.24 -73.29 | 169.73 14.90 -39.35 | 128.26 13.83 -3.82 | 118.44 12.31 0.00 | 94.45 8.90 0.00 | 82.03 7.39 0.00 | 74.04 5.86 0.00 |
| PGE MADISON___WINDPWR 24146 | 53.30 3.99 0.00 | 46.67 3.30 -0.54 | 46.49 3.24 0.00 | 45.13 3.19 0.00 | 44.76 3.28 0.00 | 44.26 3.43 0.00 | 47.76 4.02 0.00 | 63.66 6.15 0.00 | 75.29 7.95 0.00 | 86.56 8.72 0.00 | 104.48 10.94 0.00 | 122.46 12.14 -2.92 | 143.98 14.81 -4.76 | 169.00 18.09 -2.61 | 170.41 18.26 -0.01 | 173.74 19.17 0.00 | 173.34 19.40 0.00 | 149.01 15.37 0.00 | 129.73 11.78 -2.47 | 122.81 11.06 -1.14 | 118.23 12.10 0.00 | 94.71 9.15 0.00 | 83.00 8.36 0.00 | 75.00 6.82 0.00 |
| PIERCEFIELD___HYD 23852 | 47.92 -1.38 0.00 | 41.55 -1.29 0.00 | 42.12 -1.12 0.00 | 40.89 -1.05 0.00 | 40.36 -1.12 0.00 | 40.22 -0.61 0.00 | 42.51 -1.22 0.00 | 55.90 -1.61 0.00 | 65.19 -2.15 0.00 | 74.18 -3.66 0.00 | 89.23 -4.30 0.00 | 99.56 -7.84 0.00 | 112.63 -9.33 2.45 | 135.97 -10.97 1.35 | 141.04 -11.11 0.00 | 142.05 -12.52 0.00 | 141.78 -12.16 0.00 | 122.95 -10.69 0.00 | 106.36 -9.12 0.00 | 102.43 -8.19 0.00 | 99.66 -6.47 0.00 | 82.39 -3.17 0.00 | 72.55 -2.09 0.00 | 66.61 -1.57 0.00 |
| PINELAWN_CC_1 323563 | 87.51 5.67 -32.53 | 84.31 5.14 -36.33 | 77.50 4.80 -29.46 | 63.94 4.66 -17.34 | 63.93 4.48 -17.96 | 68.36 4.37 -23.16 | 82.20 5.51 -32.95 | 89.06 7.19 -24.36 | 95.44 8.42 -19.68 | 111.52 10.20 -23.48 | 142.89 12.35 -37.01 | 158.21 15.90 -34.91 | 196.64 18.79 -53.43 | 297.33 21.95 -127.09 | 372.11 22.67 -197.29 | 395.91 23.19 -218.15 | 395.92 23.09 -218.89 | 319.78 20.05 -166.09 | 292.03 17.21 -159.35 | 184.60 16.37 -57.62 | 160.05 14.65 -39.27 | 147.92 10.95 -51.41 | 113.46 9.33 -29.49 | 100.31 7.23 -24.91 |
| PJM_GEN_KEYSTONE 24065 | 46.59 -2.71 0.00 | 45.38 1.37 -1.17 | 44.37 1.12 0.00 | 43.08 1.13 0.00 | 42.60 1.12 0.00 | 41.97 1.14 0.00 | 40.19 -3.54 0.00 | 60.10 2.59 0.00 | 62.64 -4.11 0.59 | 80.66 4.67 1.85 | 101.87 5.89 -2.44 | 122.66 8.16 -7.09 | 147.24 9.70 -13.12 | 172.95 11.86 -12.79 | 195.87 12.63 -31.10 | 210.66 13.60 -42.49 | 215.95 13.55 -48.46 | 191.42 11.63 -46.15 | 147.29 6.35 -25.46 | 121.79 8.41 -2.77 | 113.55 7.43 0.01 | 104.02 5.13 -13.34 | 75.83 4.03 2.84 | 60.02 2.59 10.75 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 69.38 5.57 -14.50 | 64.60 4.67 -17.09 | 60.74 4.37 -13.13 | 53.91 4.24 -7.73 | 53.51 4.02 -8.00 | 55.07 3.92 -10.32 | 63.36 4.94 -14.69 | 86.01 6.96 -21.54 | 93.82 8.22 -18.26 | 109.59 10.12 -21.63 | 145.24 12.25 -39.46 | 157.78 15.47 -34.91 | 179.62 18.16 -37.04 | 244.59 21.06 -75.24 | 300.46 21.91 -126.40 | 323.22 22.57 -146.08 | 327.53 22.48 -151.11 | 275.11 19.51 -121.96 | 233.78 16.51 -101.79 | 158.24 15.93 -31.70 | 159.84 14.43 -39.27 | 134.47 10.69 -38.22 | 102.30 9.18 -18.48 | 80.23 7.16 -4.89 |
| PJM_GEN_VFT_PROXY 323633 | 42.00 4.98 12.28 | 34.17 4.16 12.82 | 37.83 3.63 9.05 | 36.22 3.69 9.41 | 40.41 3.44 4.52 | 40.00 3.27 4.10 | 44.41 4.37 3.70 | 59.20 6.04 4.35 | 70.23 7.21 4.32 | 84.71 8.72 1.85 | 106.64 10.66 -2.44 | 131.13 13.86 -9.87 | 159.86 16.30 -19.15 | 187.41 19.58 -19.53 | 222.31 19.93 -50.23 | 243.61 20.40 -68.64 | 252.55 20.32 -78.29 | 225.83 17.64 -74.54 | 168.20 15.13 -37.59 | 128.63 14.16 -3.86 | 118.20 12.42 0.35 | 103.51 9.33 -8.64 | 78.39 8.06 4.31 | 56.80 6.20 17.58 |
| PLEASANTVLY___LBMP 24000 | 53.54 4.24 0.00 | 48.12 3.60 -1.68 | 46.57 3.33 0.00 | 45.17 3.23 0.00 | 44.55 3.07 0.00 | 43.73 2.90 0.00 | 47.49 3.76 0.00 | 62.63 5.12 0.00 | 73.34 5.99 0.00 | 85.31 7.47 0.00 | 102.80 9.26 0.00 | 129.65 12.03 -10.21 | 159.32 14.18 -20.72 | 186.85 16.76 -21.79 | 227.36 17.19 -58.02 | 251.47 17.62 -79.28 | 261.92 17.55 -90.43 | 235.12 15.37 -86.10 | 173.90 13.28 -45.14 | 127.10 12.50 -3.99 | 117.17 11.04 0.00 | 93.51 7.96 0.00 | 81.43 6.79 0.00 | 73.63 5.45 0.00 |
| POLETTI____ 23519 | 54.53 5.23 0.00 | 48.79 4.33 -1.63 | 47.18 3.94 0.00 | 45.80 3.86 0.00 | 45.14 3.65 0.00 | 44.30 3.47 0.00 | 48.28 4.55 0.00 | 63.72 6.21 0.00 | 74.75 7.41 0.00 | 86.95 9.11 0.00 | 104.57 11.04 0.00 | 131.56 14.28 -9.87 | 160.49 16.92 -19.15 | 188.15 20.32 -19.53 | 222.92 20.54 -50.23 | 244.38 21.18 -68.64 | 253.32 21.09 -78.29 | 226.36 18.18 -74.54 | 171.13 15.71 -39.95 | 129.18 14.71 -3.86 | 119.08 12.95 0.00 | 95.22 9.67 0.00 | 82.93 8.29 0.00 | 74.79 6.61 0.00 |
| PORT_JEFF_3 23555 | 88.16 5.82 -33.04 | 84.51 4.80 -36.87 | 77.61 4.45 -29.92 | 63.96 4.40 -17.61 | 63.96 4.23 -18.24 | 68.43 4.08 -23.52 | 82.32 5.12 -33.47 | 89.46 7.59 -24.36 | 95.98 8.96 -19.68 | 111.91 10.59 -23.48 | 143.08 12.53 -37.01 | 158.21 15.90 -34.91 | 196.51 18.66 -53.43 | 296.74 21.35 -127.09 | 371.65 22.21 -197.29 | 395.60 22.88 -218.15 | 395.61 22.78 -218.89 | 319.51 19.78 -166.09 | 291.57 16.74 -159.35 | 185.04 16.81 -57.62 | 160.48 15.07 -39.27 | 148.43 11.46 -51.41 | 114.06 9.93 -29.49 | 98.57 7.16 -23.23 |
| PORT_JEFF_4 23616 | 88.16 5.82 -33.04 | 84.51 4.80 -36.87 | 77.61 4.45 -29.92 | 63.96 4.40 -17.61 | 63.96 4.23 -18.24 | 68.43 4.08 -23.52 | 82.32 5.12 -33.47 | 89.46 7.59 -24.36 | 95.98 8.96 -19.68 | 111.91 10.59 -23.48 | 143.08 12.53 -37.01 | 158.21 15.90 -34.91 | 196.51 18.66 -53.43 | 296.74 21.35 -127.09 | 371.65 22.21 -197.29 | 395.60 22.88 -218.15 | 395.61 22.78 -218.89 | 319.51 19.78 -166.09 | 291.57 16.74 -159.35 | 185.04 16.81 -57.62 | 160.48 15.07 -39.27 | 148.43 11.46 -51.41 | 114.06 9.93 -29.49 | 98.57 7.16 -23.23 |
| PORT_JEFF_IC 23713 | 88.29 5.97 -33.02 | 84.62 4.93 -36.85 | 77.73 4.58 -29.90 | 64.08 4.53 -17.60 | 64.07 4.36 -18.23 | 68.54 4.21 -23.51 | 82.47 5.29 -33.45 | 89.69 7.82 -24.36 | 96.12 9.09 -19.68 | 112.14 10.82 -23.48 | 143.55 13.00 -37.01 | 158.53 16.22 -34.91 | 197.01 19.16 -53.43 | 297.33 21.95 -127.09 | 372.41 22.97 -197.29 | 396.37 23.65 -218.15 | 396.38 23.55 -218.89 | 320.31 20.58 -166.09 | 292.26 17.44 -159.35 | 185.48 17.26 -57.62 | 160.79 15.39 -39.27 | 148.60 11.64 -51.41 | 114.21 10.08 -29.49 | 98.69 7.23 -23.29 |
| PPL PILGRIM_ST_GT1 24216 | 88.33 6.06 -32.96 | 84.59 4.97 -36.78 | 77.71 4.63 -29.84 | 64.04 4.53 -17.57 | 63.99 4.31 -18.19 | 68.50 4.21 -23.46 | 82.45 5.34 -33.38 | 89.40 7.53 -24.36 | 95.91 8.89 -19.68 | 111.68 10.35 -23.48 | 143.17 12.63 -37.01 | 158.75 16.43 -34.91 | 197.38 19.53 -53.43 | 298.07 22.69 -127.09 | 373.02 23.58 -197.29 | 396.99 24.27 -218.15 | 397.00 24.17 -218.89 | 320.71 20.98 -166.09 | 292.61 17.78 -159.35 | 185.37 17.14 -57.62 | 160.69 15.28 -39.27 | 148.34 11.38 -51.41 | 113.76 9.63 -29.49 | 98.85 7.16 -23.51 |

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| PPL PILGRIM_ST_GT2 24217 | 88.33 6.06 -32.96 | 84.59 4.97 -36.78 | 77.71 4.63 -29.84 | 64.04 4.53 -17.57 | 63.99 4.31 -18.19 | 68.50 4.21 -23.46 | 82.45 5.34 -33.38 | 89.40 7.53 -24.36 | 95.91 8.89 -19.68 | 111.68 10.35 -23.48 | 143.17 12.63 -37.01 | 158.75 16.43 -34.91 | 197.38 19.53 -53.43 | 298.07 22.69 -127.09 | 373.02 23.58 -197.29 | 396.99 24.27 -218.15 | 397.00 24.17 -218.89 | 320.71 20.98 -166.09 | 292.61 17.78 -159.35 | 185.37 17.14 -57.62 | 160.69 15.28 -39.27 | 148.34 11.38 -51.41 | 113.76 9.63 -29.49 | 98.85 7.16 -23.51 |
| PPL_SHRM_GT3 24213 | 87.71 5.37 -33.03 | 84.07 4.37 -36.86 | 77.17 4.02 -29.91 | 63.54 3.98 -17.61 | 63.50 3.78 -18.24 | 68.02 3.67 -23.52 | 81.83 4.64 -33.46 | 88.94 7.07 -24.36 | 95.51 8.49 -19.68 | 111.52 10.20 -23.48 | 142.99 12.44 -37.01 | 158.64 16.33 -34.91 | 197.38 19.53 -53.43 | 293.77 18.39 -127.09 | 368.15 18.71 -197.29 | 392.04 19.32 -218.15 | 392.07 19.24 -218.89 | 316.57 16.84 -166.09 | 289.61 14.78 -159.35 | 186.15 17.92 -57.62 | 161.32 15.92 -39.27 | 148.86 11.89 -51.41 | 114.13 10.00 -29.49 | 98.66 7.23 -23.26 |
| PPL_SHRM_GT4 24214 | 87.71 5.37 -33.03 | 84.07 4.37 -36.86 | 77.17 4.02 -29.91 | 63.54 3.98 -17.61 | 63.50 3.78 -18.24 | 68.02 3.67 -23.52 | 81.83 4.64 -33.46 | 88.94 7.07 -24.36 | 95.51 8.49 -19.68 | 111.52 10.20 -23.48 | 142.99 12.44 -37.01 | 158.64 16.33 -34.91 | 197.38 19.53 -53.43 | 293.77 18.39 -127.09 | 368.15 18.71 -197.29 | 392.04 19.32 -218.15 | 392.07 19.24 -218.89 | 316.57 16.84 -166.09 | 289.61 14.78 -159.35 | 186.15 17.92 -57.62 | 161.32 15.92 -39.27 | 148.86 11.89 -51.41 | 114.13 10.00 -29.49 | 98.66 7.23 -23.26 |
| PROJECT___ORANGE 1 24174 | 49.30 0.00 0.00 | 42.89 -0.09 -0.14 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.83 0.00 0.00 | 43.82 0.09 0.00 | 58.03 0.52 0.00 | 68.15 0.81 0.00 | 78.31 0.47 0.00 | 93.82 0.28 0.00 | 108.53 0.32 -0.81 | 125.16 0.75 0.00 | 149.63 1.33 0.00 | 153.21 1.07 0.00 | 156.27 1.70 0.00 | 155.64 1.69 0.00 | 134.98 1.34 0.00 | 116.51 0.35 -0.68 | 111.26 0.33 -0.32 | 106.66 0.53 0.00 | 85.98 0.43 0.00 | 75.24 0.60 0.00 | 68.66 0.48 0.00 |
| PROJECT___ORANGE 2 24166 | 49.30 0.00 0.00 | 42.89 -0.09 -0.14 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.83 0.00 0.00 | 43.82 0.09 0.00 | 58.03 0.52 0.00 | 68.15 0.81 0.00 | 78.31 0.47 0.00 | 93.82 0.28 0.00 | 108.53 0.32 -0.81 | 125.16 0.75 0.00 | 149.63 1.33 0.00 | 153.21 1.07 0.00 | 156.27 1.70 0.00 | 155.64 1.69 0.00 | 134.98 1.34 0.00 | 116.51 0.35 -0.68 | 111.26 0.33 -0.32 | 106.66 0.53 0.00 | 85.98 0.43 0.00 | 75.24 0.60 0.00 | 68.66 0.48 0.00 |
| PYRITES___HYD 24023 | 48.22 -1.08 0.00 | 41.81 -1.03 0.00 | 42.38 -0.86 0.00 | 41.10 -0.84 0.00 | 40.61 -0.87 0.00 | 40.50 -0.33 0.00 | 42.86 -0.87 0.00 | 56.42 -1.09 0.00 | 65.86 -1.48 0.00 | 75.12 -2.72 0.00 | 90.54 -2.99 0.00 | 101.07 -6.34 0.00 | 114.49 -7.47 2.46 | 138.19 -8.75 1.35 | 143.17 -8.98 0.00 | 144.06 -10.51 0.00 | 143.78 -10.16 0.00 | 124.69 -8.95 0.00 | 107.74 -7.74 0.00 | 103.64 -6.97 0.00 | 100.83 -5.31 0.00 | 83.16 -2.40 0.00 | 73.15 -1.49 0.00 | 67.02 -1.16 0.00 |
| RAMAPO___LBMP 323565 | 53.69 4.39 0.00 | 48.06 3.64 -1.58 | 46.57 3.33 0.00 | 45.17 3.23 0.00 | 44.55 3.07 0.00 | 43.73 2.90 0.00 | 47.62 3.89 0.00 | 62.74 5.23 0.00 | 73.61 6.26 0.00 | 85.86 8.02 0.00 | 103.54 10.01 0.00 | 130.08 13.10 -9.57 | 158.02 15.43 -18.17 | 185.20 18.69 -18.22 | 217.21 19.17 -45.90 | 237.06 19.79 -62.71 | 245.33 19.86 -71.52 | 218.85 17.11 -68.11 | 167.23 14.78 -36.97 | 128.07 13.72 -3.74 | 118.34 12.21 0.00 | 94.28 8.73 0.00 | 81.88 7.24 0.00 | 73.84 5.66 0.00 |
| RANKINE____ 23646 | 46.74 -2.56 0.00 | 40.37 -2.74 -0.27 | 40.35 -2.90 0.00 | 39.30 -2.64 0.00 | 39.20 -2.28 0.00 | 39.03 -1.80 0.00 | 41.59 -2.14 0.00 | 54.92 -2.59 0.00 | 66.20 -1.14 0.00 | 74.57 -3.27 0.00 | 89.42 -4.12 0.00 | 104.17 -4.83 -1.59 | 121.98 -4.35 -1.92 | 143.12 -6.23 -1.06 | 146.52 -5.63 0.00 | 151.17 -3.40 0.00 | 150.09 -3.85 0.00 | 130.03 -3.61 0.00 | 112.90 -3.93 -1.35 | 105.81 -5.42 -0.62 | 101.57 -4.56 0.00 | 81.79 -3.76 0.00 | 71.88 -2.76 0.00 | 64.91 -3.27 0.00 |
| RAVENSWOOD_GT2_1 24244 | 54.53 5.23 0.00 | 48.83 4.37 -1.63 | 47.18 3.94 0.00 | 45.80 3.86 0.00 | 45.18 3.69 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.78 6.27 0.00 | 74.88 7.54 0.00 | 86.95 9.11 0.00 | 104.67 11.13 0.00 | 131.56 14.28 -9.87 | 160.49 16.92 -19.15 | 188.00 20.17 -19.53 | 222.16 19.78 -50.23 | 243.61 20.40 -68.64 | 252.55 20.32 -78.29 | 225.70 17.51 -74.54 | 171.25 15.82 -39.95 | 129.18 14.71 -3.86 | 119.19 13.05 0.00 | 95.22 9.67 0.00 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD_GT2_2 24245 | 54.53 5.23 0.00 | 48.83 4.37 -1.63 | 47.18 3.94 0.00 | 45.80 3.86 0.00 | 45.18 3.69 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.78 6.27 0.00 | 74.88 7.54 0.00 | 86.95 9.11 0.00 | 104.67 11.13 0.00 | 131.56 14.28 -9.87 | 160.49 16.92 -19.15 | 188.00 20.17 -19.53 | 222.16 19.78 -50.23 | 243.61 20.40 -68.64 | 252.55 20.32 -78.29 | 225.70 17.51 -74.54 | 171.25 15.82 -39.95 | 129.18 14.71 -3.86 | 119.19 13.05 0.00 | 95.22 9.67 0.00 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD_GT2_3 24246 | 54.58 5.28 0.00 | 48.88 4.41 -1.63 | 47.22 3.98 0.00 | 45.84 3.90 0.00 | 45.22 3.73 0.00 | 44.38 3.55 0.00 | 48.37 4.64 0.00 | 63.89 6.38 0.00 | 74.95 7.61 0.00 | 87.10 9.26 0.00 | 104.76 11.22 0.00 | 131.78 14.50 -9.87 | 160.73 17.17 -19.15 | 188.30 20.46 -19.53 | 221.86 19.47 -50.23 | 243.15 19.94 -68.64 | 252.09 19.86 -78.29 | 225.43 17.24 -74.54 | 171.37 15.94 -39.95 | 129.40 14.93 -3.86 | 119.29 13.16 0.00 | 95.39 9.84 0.00 | 83.07 8.43 0.00 | 75.00 6.82 0.00 |
| RAVENSWOOD_GT2_4 24247 | 54.58 5.28 0.00 | 48.88 4.41 -1.63 | 47.22 3.98 0.00 | 45.84 3.90 0.00 | 45.22 3.73 0.00 | 44.38 3.55 0.00 | 48.37 4.64 0.00 | 63.89 6.38 0.00 | 74.95 7.61 0.00 | 87.10 9.26 0.00 | 104.76 11.22 0.00 | 131.78 14.50 -9.87 | 160.73 17.17 -19.15 | 188.30 20.46 -19.53 | 221.86 19.47 -50.23 | 243.15 19.94 -68.64 | 252.09 19.86 -78.29 | 225.43 17.24 -74.54 | 171.37 15.94 -39.95 | 129.40 14.93 -3.86 | 119.29 13.16 0.00 | 95.39 9.84 0.00 | 83.07 8.43 0.00 | 75.00 6.82 0.00 |
| RAVENSWOOD_GT3_1 24248 | 54.53 5.23 0.00 | 48.83 4.37 -1.63 | 47.18 3.94 0.00 | 45.80 3.86 0.00 | 45.18 3.69 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.84 6.33 0.00 | 74.88 7.54 0.00 | 86.95 9.11 0.00 | 104.67 11.13 0.00 | 131.56 14.28 -9.87 | 160.61 17.05 -19.15 | 188.00 20.17 -19.53 | 221.86 19.47 -50.23 | 243.15 19.94 -68.64 | 252.24 20.01 -78.29 | 225.43 17.24 -74.54 | 171.25 15.82 -39.95 | 129.18 14.71 -3.86 | 119.19 13.05 0.00 | 95.22 9.67 0.00 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD_GT3_2 24249 | 54.53 5.23 0.00 | 48.83 4.37 -1.63 | 47.18 3.94 0.00 | 45.80 3.86 0.00 | 45.18 3.69 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.84 6.33 0.00 | 74.88 7.54 0.00 | 86.95 9.11 0.00 | 104.67 11.13 0.00 | 131.56 14.28 -9.87 | 160.61 17.05 -19.15 | 188.00 20.17 -19.53 | 221.86 19.47 -50.23 | 243.15 19.94 -68.64 | 252.24 20.01 -78.29 | 225.43 17.24 -74.54 | 171.25 15.82 -39.95 | 129.18 14.71 -3.86 | 119.19 13.05 0.00 | 95.22 9.67 0.00 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD_GT3_3 24250 | 54.63 5.32 0.00 | 48.92 4.46 -1.63 | 47.26 4.02 0.00 | 45.89 3.94 0.00 | 45.26 3.78 0.00 | 44.42 3.59 0.00 | 48.41 4.68 0.00 | 63.95 6.44 0.00 | 75.02 7.68 0.00 | 87.18 9.34 0.00 | 104.85 11.32 0.00 | 131.88 14.61 -9.87 | 160.86 17.29 -19.15 | 188.15 20.32 -19.53 | 223.07 20.69 -50.23 | 244.38 21.18 -68.64 | 253.47 21.24 -78.29 | 226.50 18.31 -74.54 | 171.48 16.05 -39.95 | 129.51 15.04 -3.86 | 119.51 13.37 0.00 | 95.48 9.92 0.00 | 83.22 8.58 0.00 | 75.06 6.89 0.00 |
| RAVENSWOOD_GT3_4 24251 | 54.63 5.32 0.00 | 48.92 4.46 -1.63 | 47.26 4.02 0.00 | 45.89 3.94 0.00 | 45.26 3.78 0.00 | 44.42 3.59 0.00 | 48.41 4.68 0.00 | 63.95 6.44 0.00 | 75.02 7.68 0.00 | 87.18 9.34 0.00 | 104.85 11.32 0.00 | 131.88 14.61 -9.87 | 160.86 17.29 -19.15 | 188.15 20.32 -19.53 | 223.07 20.69 -50.23 | 244.38 21.18 -68.64 | 253.47 21.24 -78.29 | 226.50 18.31 -74.54 | 171.48 16.05 -39.95 | 129.51 15.04 -3.86 | 119.51 13.37 0.00 | 95.48 9.92 0.00 | 83.22 8.58 0.00 | 75.06 6.89 0.00 |

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| RAVENSWOOD_GT_1 23729 | 92.24 5.47 -37.46 | 92.75 4.58 -45.33 | 82.76 4.15 -35.37 | 83.26 4.07 -37.25 | 76.39 3.90 -31.01 | 77.79 3.67 -33.28 | 78.60 4.81 -30.06 | 80.72 6.56 -16.66 | 80.89 7.88 -5.67 | 88.35 9.42 -1.09 | 96.14 11.32 8.71 | 128.68 14.61 -6.67 | 160.86 17.29 -19.15 | 188.15 20.32 -19.53 | 223.07 20.69 -50.23 | 244.38 21.18 -68.64 | 253.47 21.24 -78.29 | 226.50 18.31 -74.54 | 171.25 15.82 -39.95 | 120.70 14.82 4.73 | 108.64 13.16 10.66 | 92.87 9.75 2.43 | 88.92 8.66 -5.62 | 81.56 7.09 -6.29 |
| RAVENSWOOD_GT_10 24258 | 54.55 5.23 -0.02 | 48.40 4.37 -1.19 | 45.95 3.94 1.23 | 44.47 3.86 1.33 | 42.97 3.69 2.21 | 41.72 3.51 2.62 | 45.92 4.55 2.36 | 63.23 6.27 0.55 | 75.44 7.54 -0.55 | 87.07 9.11 -0.13 | 103.66 11.13 1.01 | 131.19 14.28 -9.50 | 160.61 17.05 -19.15 | 187.26 19.43 -19.53 | 222.16 19.78 -50.23 | 243.46 20.25 -68.64 | 252.40 20.17 -78.29 | 225.70 17.51 -74.54 | 171.25 15.82 -39.95 | 128.30 14.82 -2.86 | 117.96 13.05 1.23 | 94.48 9.67 0.73 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD_GT_11 24259 | 54.55 5.23 -0.02 | 48.40 4.37 -1.19 | 45.95 3.94 1.23 | 44.47 3.86 1.33 | 42.97 3.69 2.21 | 41.72 3.51 2.62 | 45.92 4.55 2.36 | 63.23 6.27 0.55 | 75.44 7.54 -0.55 | 87.07 9.11 -0.13 | 103.66 11.13 1.01 | 131.19 14.28 -9.50 | 160.61 17.05 -19.15 | 187.26 19.43 -19.53 | 222.16 19.78 -50.23 | 243.46 20.25 -68.64 | 252.40 20.17 -78.29 | 225.70 17.51 -74.54 | 171.25 15.82 -39.95 | 128.30 14.82 -2.86 | 117.96 13.05 1.23 | 94.48 9.67 0.73 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD_GT_4 24252 | 54.68 5.23 -0.15 | 45.91 4.33 1.26 | 39.09 3.94 8.09 | 37.02 3.86 8.78 | 30.58 3.65 14.56 | 27.03 3.47 17.27 | 32.69 4.55 15.60 | 60.15 6.27 3.63 | 78.48 7.47 -3.66 | 87.78 9.11 -0.83 | 98.03 11.13 6.64 | 129.23 14.39 -7.44 | 160.61 17.05 -19.15 | 188.00 20.17 -19.53 | 222.77 20.39 -50.23 | 244.08 20.87 -68.64 | 253.17 20.94 -78.29 | 226.23 18.04 -74.54 | 171.25 15.82 -39.95 | 122.75 14.82 2.68 | 111.18 13.16 8.11 | 93.45 9.75 1.85 | 87.28 8.36 -4.28 | 79.64 6.68 -4.78 |
| RAVENSWOOD_GT_5 24254 | 54.68 5.23 -0.15 | 45.91 4.33 1.26 | 39.09 3.94 8.09 | 37.02 3.86 8.78 | 30.58 3.65 14.56 | 27.03 3.47 17.27 | 32.69 4.55 15.60 | 60.15 6.27 3.63 | 78.48 7.47 -3.66 | 87.78 9.11 -0.83 | 98.03 11.13 6.64 | 129.23 14.39 -7.44 | 160.61 17.05 -19.15 | 188.00 20.17 -19.53 | 222.77 20.39 -50.23 | 244.08 20.87 -68.64 | 253.17 20.94 -78.29 | 226.23 18.04 -74.54 | 171.25 15.82 -39.95 | 122.75 14.82 2.68 | 111.18 13.16 8.11 | 93.45 9.75 1.85 | 87.28 8.36 -4.28 | 79.64 6.68 -4.78 |
| RAVENSWOOD_GT_6 24253 | 54.68 5.23 -0.15 | 45.91 4.33 1.26 | 39.09 3.94 8.09 | 37.02 3.86 8.78 | 30.58 3.65 14.56 | 27.03 3.47 17.27 | 32.69 4.55 15.60 | 60.15 6.27 3.63 | 78.48 7.47 -3.66 | 87.78 9.11 -0.83 | 98.03 11.13 6.64 | 129.23 14.39 -7.44 | 160.61 17.05 -19.15 | 188.00 20.17 -19.53 | 222.77 20.39 -50.23 | 244.08 20.87 -68.64 | 253.17 20.94 -78.29 | 226.23 18.04 -74.54 | 171.25 15.82 -39.95 | 122.75 14.82 2.68 | 111.18 13.16 8.11 | 93.45 9.75 1.85 | 87.28 8.36 -4.28 | 79.64 6.68 -4.78 |
| RAVENSWOOD_GT_7 24255 | 54.68 5.23 -0.15 | 45.91 4.33 1.26 | 39.09 3.94 8.09 | 37.02 3.86 8.78 | 30.58 3.65 14.56 | 27.03 3.47 17.27 | 32.69 4.55 15.60 | 60.15 6.27 3.63 | 78.48 7.47 -3.66 | 87.78 9.11 -0.83 | 98.03 11.13 6.64 | 129.23 14.39 -7.44 | 160.61 17.05 -19.15 | 188.00 20.17 -19.53 | 222.77 20.39 -50.23 | 244.08 20.87 -68.64 | 253.17 20.94 -78.29 | 226.23 18.04 -74.54 | 171.25 15.82 -39.95 | 122.75 14.82 2.68 | 111.18 13.16 8.11 | 93.45 9.75 1.85 | 87.28 8.36 -4.28 | 79.64 6.68 -4.78 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 54.55 5.23 -0.02 | 48.40 4.37 -1.19 | 45.95 3.94 1.23 | 44.47 3.86 1.33 | 42.97 3.69 2.21 | 41.72 3.51 2.62 | 45.92 4.55 2.36 | 63.23 6.27 0.55 | 75.44 7.54 -0.55 | 87.07 9.11 -0.13 | 103.66 11.13 1.01 | 131.19 14.28 -9.50 | 160.61 17.05 -19.15 | 187.26 19.43 -19.53 | 222.16 19.78 -50.23 | 243.46 20.25 -68.64 | 252.40 20.17 -78.29 | 225.70 17.51 -74.54 | 171.25 15.82 -39.95 | 128.30 14.82 -2.86 | 117.96 13.05 1.23 | 94.48 9.67 0.73 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD_GT_9 24257 | 54.55 5.23 -0.02 | 48.40 4.37 -1.19 | 45.95 3.94 1.23 | 44.47 3.86 1.33 | 42.97 3.69 2.21 | 41.72 3.51 2.62 | 45.92 4.55 2.36 | 63.23 6.27 0.55 | 75.44 7.54 -0.55 | 87.07 9.11 -0.13 | 103.66 11.13 1.01 | 131.19 14.28 -9.50 | 160.61 17.05 -19.15 | 187.26 19.43 -19.53 | 222.16 19.78 -50.23 | 243.46 20.25 -68.64 | 252.40 20.17 -78.29 | 225.70 17.51 -74.54 | 171.25 15.82 -39.95 | 128.30 14.82 -2.86 | 117.96 13.05 1.23 | 94.48 9.67 0.73 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD___1 23533 | 73.32 5.47 -18.55 | 72.63 4.54 -25.25 | 70.28 4.15 -22.89 | 70.28 4.07 -24.27 | 70.29 3.86 -24.94 | 72.35 3.67 -27.85 | 73.65 4.77 -25.15 | 74.72 6.56 -10.66 | 75.59 7.81 -0.43 | 87.26 9.42 0.00 | 104.85 11.32 0.00 | 131.78 14.50 -9.87 | 160.73 17.17 -19.15 | 188.00 20.17 -19.53 | 222.92 20.54 -50.23 | 244.38 21.18 -68.64 | 253.47 21.24 -78.29 | 226.36 18.18 -74.54 | 171.13 15.71 -39.95 | 129.29 14.82 -3.86 | 119.19 13.05 0.00 | 95.30 9.75 0.00 | 83.30 8.66 0.00 | 75.21 7.02 -0.01 |
| RAVENSWOOD___2 23534 | 73.13 5.37 -18.45 | 72.42 4.46 -25.13 | 70.08 4.06 -22.77 | 70.07 3.98 -24.14 | 70.07 3.78 -24.81 | 72.12 3.59 -27.70 | 73.43 4.68 -25.02 | 74.55 6.44 -10.60 | 75.45 7.68 -0.43 | 87.03 9.19 0.00 | 104.11 10.57 0.00 | 130.81 13.53 -9.87 | 159.61 16.05 -19.15 | 186.67 18.83 -19.53 | 221.55 19.17 -50.23 | 242.84 19.63 -68.64 | 251.93 19.70 -78.29 | 225.16 16.97 -74.54 | 170.10 14.67 -39.95 | 128.18 13.72 -3.86 | 118.34 12.21 0.00 | 94.53 8.98 0.00 | 83.07 8.43 0.00 | 75.07 6.89 -0.01 |
| RAVENSWOOD___3 23535 | 54.53 5.23 0.00 | 48.83 4.37 -1.63 | 47.22 3.98 0.00 | 45.80 3.86 0.00 | 45.18 3.69 0.00 | 44.34 3.51 0.00 | 48.32 4.59 0.00 | 63.84 6.33 0.00 | 74.88 7.54 0.00 | 86.95 9.11 0.00 | 104.67 11.13 0.00 | 131.56 14.28 -9.87 | 160.61 17.05 -19.15 | 188.15 20.32 -19.53 | 222.92 20.54 -50.23 | 244.23 21.02 -68.64 | 253.32 21.09 -78.29 | 226.36 18.18 -74.54 | 171.25 15.82 -39.95 | 129.29 14.82 -3.86 | 119.19 13.05 0.00 | 95.22 9.67 0.00 | 83.00 8.36 0.00 | 74.93 6.75 0.00 |
| RAVENSWOOD___4 23820 | 54.54 5.42 0.19 | 52.73 4.54 -5.35 | 57.82 4.11 -10.47 | 57.32 4.03 -11.35 | 64.17 3.86 -18.83 | 66.80 3.63 -22.33 | 68.62 4.72 -20.17 | 68.70 6.50 -4.69 | 70.42 7.81 4.73 | 86.19 9.42 1.07 | 113.34 11.22 -8.58 | 134.82 14.39 -13.02 | 160.61 17.05 -19.15 | 187.85 20.02 -19.53 | 222.77 20.39 -50.23 | 244.23 21.02 -68.64 | 253.32 21.09 -78.29 | 226.36 18.18 -74.54 | 171.02 15.59 -39.95 | 137.63 14.71 -12.31 | 129.58 12.95 -10.49 | 97.61 9.67 -2.39 | 77.69 8.58 5.53 | 69.02 7.02 6.18 |
| RCPI_TRUST___DRP 24196 | 54.58 5.28 0.00 | 48.83 4.37 -1.63 | 47.22 3.98 0.00 | 45.84 3.90 0.00 | 45.18 3.69 0.00 | 44.38 3.55 0.00 | 48.37 4.64 0.00 | 63.89 6.38 0.00 | 75.02 7.68 0.00 | 87.26 9.42 0.00 | 105.04 11.50 0.00 | 132.10 14.82 -9.87 | 161.11 17.54 -19.15 | 188.74 20.91 -19.53 | 223.83 21.45 -50.23 | 245.16 21.95 -68.63 | 254.24 22.01 -78.29 | 227.17 18.98 -74.54 | 171.71 16.28 -39.95 | 129.62 15.15 -3.86 | 119.61 13.48 0.00 | 95.56 10.01 0.00 | 83.15 8.51 0.00 | 75.00 6.82 0.00 |
| RENSSELAER___COGEN 23796 | 51.87 2.56 0.00 | 47.39 2.53 -2.03 | 45.62 2.38 0.00 | 44.21 2.26 0.00 | 43.72 2.24 0.00 | 42.87 2.04 0.00 | 46.27 2.54 0.00 | 60.10 2.59 0.00 | 69.63 2.29 0.00 | 81.58 3.74 0.00 | 98.21 4.68 0.00 | 126.29 6.44 -12.44 | 152.41 7.47 -20.53 | 168.86 8.90 -11.67 | 163.46 9.13 -2.18 | 166.62 9.12 -2.93 | 166.21 8.93 -3.34 | 144.71 7.88 -3.18 | 134.29 6.93 -11.88 | 121.89 6.42 -4.86 | 111.33 5.20 0.00 | 89.14 3.59 0.00 | 77.10 2.46 0.00 | 70.22 2.05 0.00 |
| REVERE_CPPR_DRP 24186 | 51.67 2.37 0.00 | 44.77 1.88 -0.04 | 45.10 1.86 0.00 | 43.75 1.80 0.00 | 43.39 1.91 0.00 | 42.79 1.96 0.00 | 45.92 2.19 0.00 | 60.84 3.34 0.00 | 71.65 4.31 0.00 | 82.12 4.28 0.00 | 99.05 5.52 0.00 | 113.68 6.01 -0.26 | 129.08 7.47 2.80 | 156.10 9.34 1.54 | 161.58 9.43 0.01 | 164.47 9.89 0.00 | 163.95 10.01 0.00 | 141.26 7.62 0.00 | 121.36 5.66 -0.22 | 116.13 5.42 -0.10 | 112.40 6.26 0.00 | 90.43 4.88 0.00 | 79.27 4.63 0.00 | 72.34 4.16 0.00 |

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| RIVERBAY____ 323610 | 54.69 5.37 -0.01 | 48.97 4.50 -1.63 | 47.36 4.11 -0.01 | 45.94 3.98 -0.01 | 45.27 3.78 -0.01 | 44.43 3.59 -0.01 | 48.40 4.68 0.01 | 63.94 6.44 0.01 | 75.01 7.68 0.01 | 87.17 9.34 0.01 | 105.03 11.50 0.01 | 132.09 14.82 -9.86 | 161.22 17.67 -19.14 | 188.59 20.76 -19.53 | 223.52 21.15 -50.23 | 244.84 21.64 -68.63 | 253.93 21.71 -78.28 | 226.89 18.71 -74.54 | 171.70 16.28 -39.94 | 129.83 15.38 -3.85 | 119.82 13.69 0.01 | 95.64 10.10 0.01 | 83.60 8.96 0.00 | 75.48 7.30 -0.01 |
| ROCHESTER_9_IC 23652 | 48.71 -0.59 0.00 | 42.05 -0.99 -0.20 | 41.99 -1.25 0.00 | 40.89 -1.05 0.00 | 40.66 -0.83 0.00 | 40.38 -0.45 0.00 | 43.21 -0.52 0.00 | 57.05 -0.46 0.00 | 67.81 0.47 0.00 | 77.14 -0.70 0.00 | 93.07 -0.47 0.00 | 107.70 -0.86 -1.16 | 124.67 0.25 0.00 | 148.00 -0.30 0.00 | 152.15 0.00 0.00 | 155.96 1.39 0.00 | 154.87 0.92 0.00 | 134.04 0.40 0.00 | 116.11 -0.35 -0.98 | 109.74 -1.33 -0.45 | 105.18 -0.96 0.00 | 85.21 -0.34 0.00 | 74.34 -0.30 0.00 | 67.50 -0.68 0.00 |
| ROSETON____1 23587 | 53.45 4.14 0.00 | 47.97 3.51 -1.62 | 46.49 3.24 0.00 | 45.09 3.15 0.00 | 44.51 3.03 0.00 | 43.65 2.82 0.00 | 47.41 3.67 0.00 | 62.51 5.00 0.00 | 73.13 5.79 0.00 | 85.00 7.16 0.00 | 102.42 8.89 0.00 | 128.83 11.60 -9.82 | 155.69 13.69 -17.58 | 181.22 15.87 -17.06 | 209.66 16.28 -41.23 | 227.60 16.69 -56.33 | 234.82 16.63 -64.25 | 209.39 14.57 -61.18 | 162.66 12.93 -34.24 | 126.50 12.06 -3.84 | 116.85 10.72 0.00 | 93.25 7.70 0.00 | 81.21 6.57 0.00 | 73.56 5.39 0.00 |
| ROSETON____2 23588 | 53.45 4.14 0.00 | 47.97 3.51 -1.62 | 46.49 3.24 0.00 | 45.09 3.15 0.00 | 44.51 3.03 0.00 | 43.65 2.82 0.00 | 47.41 3.67 0.00 | 62.51 5.00 0.00 | 73.13 5.79 0.00 | 85.00 7.16 0.00 | 102.42 8.89 0.00 | 128.83 11.60 -9.82 | 155.69 13.69 -17.58 | 181.22 15.87 -17.06 | 209.66 16.28 -41.23 | 227.60 16.69 -56.33 | 234.82 16.63 -64.25 | 209.39 14.57 -61.18 | 162.66 12.93 -34.24 | 126.50 12.06 -3.84 | 116.85 10.72 0.00 | 93.25 7.70 0.00 | 81.21 6.57 0.00 | 73.56 5.39 0.00 |
| RUSSELL____1 23602 | 49.55 0.25 0.00 | 42.61 -0.43 -0.20 | 42.42 -0.82 0.00 | 41.40 -0.55 0.00 | 41.11 -0.37 0.00 | 40.99 0.16 0.00 | 44.00 0.26 0.00 | 58.49 0.98 0.00 | 69.77 2.42 0.00 | 79.55 1.71 0.00 | 96.62 3.09 0.00 | 112.53 3.97 -1.15 | 130.39 5.97 0.00 | 154.97 6.67 0.00 | 158.69 6.54 0.00 | 162.61 8.04 0.00 | 161.33 7.39 0.00 | 139.66 6.01 0.00 | 120.84 4.39 -0.97 | 114.16 3.10 -0.45 | 109.10 2.97 0.00 | 87.95 2.40 0.00 | 76.43 1.79 0.00 | 69.13 0.95 0.00 |
| RUSSELL____2 23532 | 49.55 0.25 0.00 | 42.61 -0.43 -0.20 | 42.42 -0.82 0.00 | 41.40 -0.55 0.00 | 41.11 -0.37 0.00 | 40.99 0.16 0.00 | 44.00 0.26 0.00 | 58.49 0.98 0.00 | 69.77 2.42 0.00 | 79.55 1.71 0.00 | 96.62 3.09 0.00 | 112.53 3.97 -1.15 | 130.39 5.97 0.00 | 154.97 6.67 0.00 | 158.69 6.54 0.00 | 162.61 8.04 0.00 | 161.33 7.39 0.00 | 139.66 6.01 0.00 | 120.84 4.39 -0.97 | 114.16 3.10 -0.45 | 109.10 2.97 0.00 | 87.95 2.40 0.00 | 76.43 1.79 0.00 | 69.13 0.95 0.00 |
| RUSSELL____3 23549 | 48.96 -0.35 0.00 | 42.22 -0.81 -0.20 | 42.12 -1.12 0.00 | 41.06 -0.88 0.00 | 40.78 -0.71 0.00 | 40.58 -0.24 0.00 | 43.47 -0.26 0.00 | 57.51 0.00 0.00 | 68.29 0.94 0.00 | 77.76 -0.08 0.00 | 94.00 0.47 0.00 | 109.31 0.75 -1.16 | 126.41 1.99 0.00 | 150.22 1.93 0.00 | 154.28 2.13 0.00 | 158.28 3.71 0.00 | 157.17 3.23 0.00 | 136.05 2.41 0.00 | 117.84 1.39 -0.98 | 111.40 0.33 -0.45 | 106.66 0.53 0.00 | 86.15 0.60 0.00 | 75.01 0.37 0.00 | 68.04 -0.14 0.00 |
| RUSSELL____4 23556 | 49.50 0.20 0.00 | 42.61 -0.43 -0.20 | 42.42 -0.82 0.00 | 41.36 -0.59 0.00 | 41.11 -0.37 0.00 | 40.95 0.12 0.00 | 43.95 0.22 0.00 | 58.43 0.92 0.00 | 69.70 2.36 0.00 | 79.48 1.63 0.00 | 96.53 2.99 0.00 | 112.42 3.87 -1.15 | 130.27 5.85 0.00 | 154.82 6.53 0.00 | 158.54 6.39 0.00 | 162.46 7.88 0.00 | 161.18 7.24 0.00 | 139.52 5.88 0.00 | 120.72 4.27 -0.97 | 114.05 2.99 -0.45 | 109.10 2.97 0.00 | 87.86 2.31 0.00 | 76.36 1.72 0.00 | 69.13 0.95 0.00 |
| RUSSELL____STATION 23914 | 48.96 -0.35 0.00 | 42.22 -0.81 -0.20 | 42.12 -1.12 0.00 | 41.06 -0.88 0.00 | 40.78 -0.71 0.00 | 40.58 -0.24 0.00 | 43.47 -0.26 0.00 | 57.51 0.00 0.00 | 68.29 0.94 0.00 | 77.76 -0.08 0.00 | 94.00 0.47 0.00 | 109.31 0.75 -1.16 | 126.41 1.99 0.00 | 150.22 1.93 0.00 | 154.28 2.13 0.00 | 158.28 3.71 0.00 | 157.17 3.23 0.00 | 136.05 2.41 0.00 | 117.84 1.39 -0.98 | 111.40 0.33 -0.45 | 106.66 0.53 0.00 | 86.15 0.60 0.00 | 75.01 0.37 0.00 | 68.04 -0.14 0.00 |
| S SALMON____HYD 24043 | 50.09 0.79 0.00 | 43.46 0.51 -0.11 | 43.68 0.43 0.00 | 42.40 0.46 0.00 | 41.98 0.50 0.00 | 41.48 0.65 0.00 | 44.48 0.74 0.00 | 58.89 1.38 0.00 | 69.03 1.68 0.00 | 78.62 0.78 0.00 | 94.28 0.75 0.00 | 108.48 0.43 -0.65 | 125.29 0.87 0.00 | 149.63 1.33 0.00 | 153.36 1.22 0.00 | 156.27 1.70 0.00 | 155.94 2.00 0.00 | 134.45 0.80 0.00 | 116.03 0.00 -0.55 | 111.53 0.66 -0.25 | 107.73 1.59 0.00 | 86.83 1.28 0.00 | 76.21 1.57 0.00 | 70.02 1.84 0.00 |
| SELKIRK____I 23801 | 51.57 2.27 0.00 | 47.04 2.18 -2.01 | 45.32 2.08 0.00 | 43.96 2.01 0.00 | 43.43 1.95 0.00 | 42.54 1.71 0.00 | 45.83 2.10 0.00 | 59.92 2.42 0.00 | 69.90 2.56 0.00 | 81.50 3.66 0.00 | 98.12 4.58 -12.35 | 125.88 6.12 -18.79 | 150.30 7.09 -10.33 | 166.93 8.30 0.00 | 160.55 8.37 -0.04 | 163.07 8.50 0.00 | 162.41 8.47 0.00 | 141.13 7.48 0.00 | 132.52 6.58 -10.46 | 121.74 6.30 -4.82 | 111.44 5.31 0.00 | 89.32 3.76 0.00 | 77.48 2.84 0.00 | 70.56 2.39 0.00 |
| SELKIRK____II 23799 | 51.18 1.87 0.00 | 46.78 1.93 -2.02 | 45.06 1.82 0.00 | 43.66 1.72 0.00 | 43.19 1.70 0.00 | 42.30 1.47 0.00 | 45.57 1.84 0.00 | 59.52 2.01 0.00 | 69.23 1.89 0.00 | 80.80 2.96 0.00 | 97.28 3.74 0.00 | 124.84 5.05 -12.39 | 149.42 5.85 -19.16 | 165.80 6.97 -10.53 | 159.18 7.00 -0.04 | 161.68 7.11 0.00 | 160.87 6.93 0.00 | 139.79 6.15 0.00 | 131.39 5.43 -10.49 | 120.54 5.09 -4.84 | 110.38 4.25 0.00 | 88.46 2.91 0.00 | 76.66 2.02 0.00 | 69.75 1.57 0.00 |
| SENECA OSWGO____HYD 24041 | 49.16 -0.15 0.00 | 42.75 -0.21 -0.13 | 42.94 -0.30 0.00 | 41.65 -0.29 0.00 | 41.24 -0.25 0.00 | 40.71 -0.12 0.00 | 43.65 -0.09 0.00 | 57.80 0.29 0.00 | 67.68 0.34 0.00 | 77.76 -0.08 0.00 | 92.97 -0.56 0.00 | 107.40 -0.75 -0.75 | 123.80 -0.62 0.00 | 147.85 -0.44 0.00 | 151.39 -0.76 0.00 | 154.42 -0.15 0.00 | 153.79 -0.15 0.00 | 133.51 -0.13 0.00 | 115.30 -0.81 -0.63 | 110.46 -0.44 -0.29 | 106.03 -0.11 0.00 | 85.55 0.00 0.00 | 74.94 0.30 0.00 | 68.52 0.34 0.00 |
| SENECA____ENERGY 23797 | 48.91 -0.39 0.00 | 42.49 -0.56 -0.21 | 42.55 -0.69 0.00 | 41.31 -0.63 0.00 | 40.99 -0.50 0.00 | 40.54 -0.29 0.00 | 43.56 -0.17 0.00 | 58.03 0.52 0.00 | 68.55 1.21 0.00 | 78.54 0.70 0.00 | 94.19 0.65 0.00 | 109.17 0.54 -1.23 | 125.66 1.24 0.00 | 150.08 1.78 0.00 | 153.97 1.83 0.00 | 157.36 2.78 0.00 | 156.87 2.92 0.00 | 136.05 2.41 0.00 | 117.56 1.04 -1.04 | 111.65 0.55 -0.48 | 107.19 1.06 0.00 | 86.41 0.86 0.00 | 75.46 0.82 0.00 | 68.45 0.27 0.00 |
| SHOEMAKER____GT 23640 | 53.64 4.34 0.00 | 47.94 3.60 -1.50 | 46.62 3.37 0.00 | 45.17 3.23 0.00 | 44.60 3.11 0.00 | 43.81 2.98 0.00 | 47.49 3.76 0.00 | 62.80 5.29 0.00 | 73.74 6.40 0.00 | 85.94 8.10 0.00 | 103.64 10.10 0.00 | 129.83 13.32 -9.11 | 156.81 15.68 -16.72 | 183.52 18.98 -16.25 | 211.28 19.78 -39.35 | 228.59 20.25 -53.77 | 235.59 20.32 -61.33 | 209.68 17.64 -58.39 | 162.95 15.01 -32.46 | 128.22 14.05 -3.56 | 118.76 12.63 0.00 | 94.62 9.07 0.00 | 82.10 7.46 0.00 | 74.11 5.93 0.00 |
| SHOREHAM_IC_1 23715 | 87.71 5.37 -33.03 | 84.07 4.37 -36.86 | 77.17 4.02 -29.91 | 63.54 3.98 -17.61 | 63.50 3.78 -18.24 | 68.02 3.67 -23.52 | 81.83 4.64 -33.46 | 88.94 7.07 -24.36 | 95.51 8.49 -19.68 | 111.52 10.20 -23.48 | 142.99 12.44 -37.01 | 158.64 16.33 -34.91 | 197.38 19.53 -53.43 | 293.77 18.39 -127.09 | 368.15 18.71 -197.29 | 392.04 19.32 -218.15 | 392.07 19.24 -218.89 | 316.57 16.84 -166.09 | 289.61 14.78 -159.35 | 186.15 17.92 -57.62 | 161.32 15.92 -39.27 | 148.86 11.89 -51.41 | 114.13 10.00 -29.49 | 98.66 7.23 -23.26 |

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|-----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| SHOREHAM_IC_2 23716 | 87.71 5.37 -33.03 | 84.07 4.37 -36.86 | 77.17 4.02 -29.91 | 63.54 3.98 -17.61 | 63.50 3.78 -18.24 | 68.02 3.67 -23.52 | 81.83 4.64 -33.46 | 88.94 7.07 -24.36 | 95.51 8.49 -19.68 | 111.52 10.20 -23.48 | 142.99 12.44 -37.01 | 158.64 16.33 -34.91 | 197.38 19.53 -53.43 | 293.77 18.39 -127.09 | 368.15 18.71 -197.29 | 392.04 19.32 -218.15 | 392.07 19.24 -218.89 | 316.57 16.84 -166.09 | 289.61 14.78 -159.35 | 186.15 17.92 -57.62 | 161.32 15.92 -39.27 | 148.86 11.89 -51.41 | 114.13 10.00 -29.49 | 98.66 7.23 -23.26 |
| SISSONVILLE____ 23735 | 47.92 -1.38 0.00 | 41.55 -1.29 0.00 | 42.12 -1.12 0.00 | 40.89 -1.05 0.00 | 40.36 -1.12 0.00 | 40.22 -0.61 0.00 | 42.51 -1.22 0.00 | 55.90 -1.61 0.00 | 65.19 -2.15 0.00 | 74.18 -3.66 0.00 | 89.23 -4.30 0.00 | 99.56 -7.84 0.00 | 112.63 -9.33 2.45 | 135.97 -10.97 1.35 | 141.04 -11.11 0.00 | 142.05 -12.52 0.00 | 141.78 -12.16 0.00 | 122.95 -10.69 0.00 | 106.36 -9.12 0.00 | 102.43 -8.19 0.00 | 99.66 -6.47 0.00 | 82.39 -3.17 0.00 | 72.55 -2.09 0.00 | 66.61 -1.57 0.00 |
| SITHE_IND_GS1 24169 | 48.12 -1.18 0.00 | 41.83 -1.11 -0.10 | 42.03 -1.21 0.00 | 40.81 -1.13 0.00 | 40.41 -1.08 0.00 | 39.85 -0.98 0.00 | 42.60 -1.14 0.00 | 56.01 -1.50 0.00 | 65.66 -1.68 0.00 | 75.51 -2.34 0.00 | 90.54 -2.99 0.00 | 104.47 -3.54 -0.61 | 120.56 -3.86 0.00 | 143.70 -4.60 0.00 | 147.28 -4.87 0.00 | 150.09 -4.48 0.00 | 149.32 -4.62 0.00 | 129.63 -4.01 0.00 | 112.30 -3.70 -0.52 | 107.42 -3.43 -0.24 | 103.06 -3.08 0.00 | 83.07 -2.48 0.00 | 72.70 -1.94 0.00 | 66.88 -1.30 0.00 |
| SITHE_IND_GS2 24170 | 48.12 -1.18 0.00 | 41.83 -1.11 -0.10 | 42.03 -1.21 0.00 | 40.81 -1.13 0.00 | 40.41 -1.08 0.00 | 39.85 -0.98 0.00 | 42.60 -1.14 0.00 | 56.01 -1.50 0.00 | 65.66 -1.68 0.00 | 75.51 -2.34 0.00 | 90.54 -2.99 0.00 | 104.47 -3.54 -0.61 | 120.56 -3.86 0.00 | 143.70 -4.60 0.00 | 147.28 -4.87 0.00 | 150.09 -4.48 0.00 | 149.32 -4.62 0.00 | 129.63 -4.01 0.00 | 112.30 -3.70 -0.52 | 107.42 -3.43 -0.24 | 103.06 -3.08 0.00 | 83.07 -2.48 0.00 | 72.70 -1.94 0.00 | 66.88 -1.30 0.00 |
| SITHE_IND_GS3 24171 | 48.12 -1.18 0.00 | 41.83 -1.11 -0.10 | 42.03 -1.21 0.00 | 40.81 -1.13 0.00 | 40.41 -1.08 0.00 | 39.85 -0.98 0.00 | 42.60 -1.14 0.00 | 56.01 -1.50 0.00 | 65.66 -1.68 0.00 | 75.51 -2.34 0.00 | 90.54 -2.99 0.00 | 104.47 -3.54 -0.61 | 120.56 -3.86 0.00 | 143.70 -4.60 0.00 | 147.28 -4.87 0.00 | 150.09 -4.48 0.00 | 149.32 -4.62 0.00 | 129.63 -4.01 0.00 | 112.30 -3.70 -0.52 | 107.42 -3.43 -0.24 | 103.06 -3.08 0.00 | 83.07 -2.48 0.00 | 72.70 -1.94 0.00 | 66.88 -1.30 0.00 |
| SITHE_IND_GS4 24172 | 48.12 -1.18 0.00 | 41.83 -1.11 -0.10 | 42.03 -1.21 0.00 | 40.81 -1.13 0.00 | 40.41 -1.08 0.00 | 39.85 -0.98 0.00 | 42.60 -1.14 0.00 | 56.01 -1.50 0.00 | 65.66 -1.68 0.00 | 75.51 -2.34 0.00 | 90.54 -2.99 0.00 | 104.47 -3.54 -0.61 | 120.56 -3.86 0.00 | 143.70 -4.60 0.00 | 147.28 -4.87 0.00 | 150.09 -4.48 0.00 | 149.32 -4.62 0.00 | 129.63 -4.01 0.00 | 112.30 -3.70 -0.52 | 107.42 -3.43 -0.24 | 103.06 -3.08 0.00 | 83.07 -2.48 0.00 | 72.70 -1.94 0.00 | 66.88 -1.30 0.00 |
| SITHE____BATAVIA 24024 | 47.43 -1.87 0.00 | 40.88 -2.18 -0.23 | 40.78 -2.46 0.00 | 39.80 -2.14 0.00 | 39.66 -1.83 0.00 | 39.52 -1.31 0.00 | 42.29 -1.44 0.00 | 55.73 -1.78 0.00 | 66.74 -0.61 0.00 | 75.35 -2.49 0.00 | 90.73 -2.81 0.00 | 105.20 -3.54 -1.34 | 123.21 -2.74 -1.53 | 144.99 -4.15 -0.84 | 148.35 -3.80 0.00 | 152.72 -1.85 0.00 | 151.48 -2.46 0.00 | 131.10 -2.54 0.00 | 113.84 -2.77 -1.13 | 107.04 -4.09 -0.52 | 102.63 -3.50 0.00 | 82.81 -2.74 0.00 | 72.40 -2.24 0.00 | 65.66 -2.52 0.00 |
| SITHE____INDEPEND 23800 | 48.12 -1.18 0.00 | 41.83 -1.11 -0.10 | 42.03 -1.21 0.00 | 40.81 -1.13 0.00 | 40.41 -1.08 0.00 | 39.85 -0.98 0.00 | 42.60 -1.14 0.00 | 56.01 -1.50 0.00 | 65.66 -1.68 0.00 | 75.51 -2.34 0.00 | 90.54 -2.99 0.00 | 104.47 -3.54 -0.61 | 120.56 -3.86 0.00 | 143.70 -4.60 0.00 | 147.28 -4.87 0.00 | 150.09 -4.48 0.00 | 149.32 -4.62 0.00 | 129.63 -4.01 0.00 | 112.30 -3.70 -0.52 | 107.42 -3.43 -0.24 | 103.06 -3.08 0.00 | 83.07 -2.48 0.00 | 72.70 -1.94 0.00 | 66.88 -1.30 0.00 |
| SITHE____MASSENA 23902 | 47.73 -1.58 0.00 | 41.34 -1.50 0.00 | 41.95 -1.30 0.00 | 40.68 -1.26 0.00 | 40.16 -1.33 0.00 | 39.89 -0.94 0.00 | 42.25 -1.49 0.00 | 55.50 -2.01 0.00 | 64.92 -2.42 0.00 | 74.73 -3.11 0.00 | 89.79 -3.74 0.00 | 101.50 -5.91 0.00 | 114.78 -7.09 2.54 | 138.45 -8.45 1.40 | 143.77 -8.37 0.00 | 144.99 -9.58 0.00 | 144.55 -9.39 0.00 | 125.62 -8.02 0.00 | 108.78 -6.70 0.00 | 104.31 -6.30 0.00 | 100.72 -5.41 0.00 | 82.39 -3.17 0.00 | 72.18 -2.46 0.00 | 66.06 -2.11 0.00 |
| SITHE____OGDNSBRG 24021 | 48.32 -0.99 0.00 | 41.81 -1.03 0.00 | 42.42 -0.82 0.00 | 41.15 -0.80 0.00 | 40.70 -0.79 0.00 | 40.54 -0.29 0.00 | 42.90 -0.83 0.00 | 56.47 -1.04 0.00 | 66.06 -1.28 0.00 | 75.74 -2.10 0.00 | 91.20 -2.34 0.00 | 102.57 -4.83 0.00 | 116.20 -5.72 2.50 | 140.25 -6.67 1.37 | 145.30 -6.85 0.00 | 146.38 -8.19 0.00 | 146.09 -7.85 0.00 | 126.69 -6.95 0.00 | 109.47 -6.00 0.00 | 105.08 -5.53 0.00 | 101.99 -4.14 0.00 | 83.67 -1.88 0.00 | 73.45 -1.19 0.00 | 67.22 -0.95 0.00 |
| SITHE____STERLING 23777 | 50.88 1.58 0.00 | 44.18 1.29 -0.05 | 44.45 1.21 0.00 | 43.12 1.17 0.00 | 42.73 1.24 0.00 | 42.14 1.31 0.00 | 45.22 1.49 0.00 | 59.92 2.42 0.00 | 70.51 3.17 0.00 | 81.03 3.19 0.00 | 97.56 4.02 0.00 | 112.13 4.40 -0.32 | 127.40 5.60 2.62 | 153.83 6.97 1.44 | 159.14 7.00 0.00 | 162.15 7.57 0.00 | 161.64 7.70 0.00 | 139.66 6.01 0.00 | 120.14 4.39 -0.27 | 114.83 4.09 -0.12 | 110.80 4.67 0.00 | 89.14 3.59 0.00 | 78.00 3.36 0.00 | 71.11 2.93 0.00 |
| SOUTH CAIRO____GT 23612 | 54.43 5.13 0.00 | 49.06 4.41 -1.81 | 47.48 4.24 0.00 | 45.93 3.98 0.00 | 45.43 3.94 0.00 | 44.67 3.84 0.00 | 48.37 4.64 0.00 | 64.01 6.50 0.00 | 75.02 7.68 0.00 | 87.96 10.12 0.00 | 106.07 12.53 0.00 | 135.30 16.86 -11.03 | 161.38 19.78 -17.18 | 184.99 24.32 -12.37 | 193.28 24.80 -16.33 | 201.74 24.89 -22.29 | 203.99 24.63 -25.42 | 179.63 21.78 -24.20 | 153.55 18.48 -19.60 | 132.17 17.26 -4.31 | 122.05 15.92 0.00 | 96.93 11.38 0.00 | 83.52 8.88 0.00 | 75.68 7.50 0.00 |
| SOUTH HAMPTN____IC 23720 | 88.75 6.41 -33.04 | 84.89 5.18 -36.87 | 77.96 4.80 -29.91 | 64.29 4.74 -17.61 | 64.25 4.52 -18.24 | 68.72 4.37 -23.52 | 82.66 5.47 -33.46 | 90.32 8.45 -24.36 | 97.73 10.71 -19.68 | 113.78 12.45 -23.48 | 146.17 15.62 -37.01 | 162.83 20.51 -34.91 | 202.61 24.76 -53.43 | 303.11 27.73 -127.09 | 378.35 28.91 -197.29 | 402.56 29.83 -218.15 | 402.69 29.86 -218.89 | 325.66 25.93 -166.09 | 296.65 21.83 -159.35 | 191.24 23.01 -57.62 | 165.78 20.38 -39.27 | 152.28 15.31 -51.41 | 116.74 12.61 -29.49 | 100.76 9.34 -23.24 |
| SOUTHOLD____IC 23719 | 93.58 11.24 -33.04 | 88.96 9.25 -36.87 | 82.02 8.86 -29.91 | 68.24 8.68 -17.61 | 68.19 8.46 -18.24 | 72.56 8.21 -23.52 | 86.86 9.66 -33.46 | 96.42 14.55 -24.36 | 105.75 18.72 -19.68 | 121.02 19.69 -23.48 | 155.80 25.25 -37.01 | 175.07 32.76 -34.91 | 217.79 39.94 -53.43 | 322.54 47.16 -127.09 | 399.34 49.90 -197.29 | 424.04 51.32 -218.15 | 423.94 51.11 -218.89 | 343.96 44.24 -166.09 | 311.90 37.07 -159.35 | 208.27 40.04 -57.62 | 181.60 36.19 -39.27 | 164.17 27.21 -51.41 | 126.75 22.62 -29.49 | 109.35 17.93 -23.24 |
| ST LAWRENCE____ 23600 | 47.48 -1.82 0.00 | 41.21 -1.63 0.00 | 41.77 -1.47 0.00 | 40.52 -1.43 0.00 | 40.03 -1.45 0.00 | 39.56 -1.27 0.00 | 42.07 -1.66 0.00 | 55.27 -2.24 0.00 | 64.65 -2.69 0.00 | 74.57 -3.27 0.00 | 89.51 -4.02 0.00 | 101.82 -5.59 0.00 | 115.14 -6.72 2.56 | 138.88 -8.01 1.41 | 144.08 -8.06 0.00 | 145.45 -9.12 0.00 | 145.01 -8.93 0.00 | 126.03 -7.62 0.00 | 109.24 -6.24 0.00 | 104.64 -5.97 0.00 | 100.83 -5.31 0.00 | 82.13 -3.42 0.00 | 71.80 -2.84 0.00 | 65.72 -2.45 0.00 |
| STATION 5_MISC_HYD 23604 | 49.60 0.30 0.00 | 42.52 -0.51 -0.20 | 42.21 -1.04 0.00 | 41.15 -0.80 0.00 | 40.86 -0.62 0.00 | 40.87 0.04 0.00 | 43.95 0.22 0.00 | 58.72 1.21 0.00 | 70.17 2.83 0.00 | 80.25 2.41 0.00 | 98.31 4.77 0.00 | 114.99 6.44 -1.14 | 133.00 8.58 0.00 | 157.94 9.64 0.00 | 162.04 9.89 0.00 | 166.78 12.21 0.00 | 165.49 11.55 0.00 | 143.27 9.62 0.00 | 123.72 7.28 -0.97 | 116.37 5.31 -0.45 | 110.70 4.56 0.00 | 88.97 3.42 0.00 | 76.88 2.24 0.00 | 69.34 1.16 0.00 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|
| STEEL___WIND 323596 | 46.74 -2.56 0.00 | 40.41 -2.70 -0.27 | 40.35 -2.90 0.00 | 39.30 -2.64 0.00 | 39.24 -2.24 0.00 | 39.07 -1.76 0.00 | 41.63 -2.10 0.00 | 54.98 -2.53 0.00 | 66.26 -1.08 0.00 | 74.65 -3.19 0.00 | 89.51 -4.02 0.00 | 104.27 -4.73 -1.59 | 122.11 -4.23 -1.92 | 143.42 -5.93 -1.06 | 146.67 -5.48 0.00 | 151.33 -3.25 0.00 | 150.40 -3.54 0.00 | 130.17 -3.47 0.00 | 113.02 -3.81 -1.35 | 105.92 -5.31 -0.62 | 101.68 -4.46 0.00 | 81.87 -3.68 0.00 | 71.95 -2.69 0.00 | 64.97 -3.20 0.00 |
| STEBEN_REC_LFGE 323667 | 50.09 0.79 0.00 | 43.42 0.21 -0.37 | 43.20 -0.04 0.00 | 41.94 0.00 0.00 | 41.82 0.33 0.00 | 41.65 0.82 0.00 | 44.96 1.22 0.00 | 60.44 2.93 0.00 | 72.39 5.05 0.00 | 82.28 4.44 0.00 | 98.59 5.05 0.00 | 115.54 6.01 -2.12 | 135.10 7.96 -2.72 | 160.02 10.23 -1.49 | 162.65 10.50 -0.01 | 167.09 12.52 0.00 | 166.57 12.62 0.00 | 144.20 10.56 0.00 | 124.55 7.28 -1.80 | 117.08 5.64 -0.83 | 112.29 6.16 0.00 | 90.26 4.71 0.00 | 78.67 4.03 0.00 | 70.09 1.91 0.00 |
| STONY___BROOK 24151 | 88.29 5.97 -33.02 | 84.62 4.93 -36.85 | 77.73 4.58 -29.90 | 64.08 4.53 -17.60 | 64.07 4.36 -18.23 | 68.54 4.21 -23.51 | 82.47 5.29 -33.45 | 89.69 7.82 -24.36 | 96.12 9.09 -19.68 | 112.14 10.82 -23.48 | 143.55 13.00 -37.01 | 158.53 16.22 -34.91 | 197.01 19.16 -53.43 | 297.33 21.95 -127.09 | 372.41 22.97 -197.29 | 396.37 23.65 -218.15 | 396.38 23.55 -218.89 | 320.31 20.58 -166.09 | 292.26 17.44 -159.35 | 185.48 17.26 -57.62 | 160.79 15.39 -39.27 | 148.60 11.64 -51.41 | 114.21 10.08 -29.49 | 98.69 7.23 -23.29 |
| STURGEON_POOL_HYD 23609 | 55.47 6.16 0.00 | 49.51 5.01 -1.66 | 48.04 4.80 0.00 | 46.56 4.61 0.00 | 45.97 4.48 0.00 | 45.16 4.33 0.00 | 48.89 5.16 0.00 | 64.99 7.48 0.00 | 75.89 8.55 0.00 | 88.35 10.51 0.00 | 106.35 12.81 -10.12 | 134.82 17.29 -15.91 | 160.85 20.53 -13.04 | 185.51 24.17 -23.95 | 203.18 27.08 -32.71 | 215.26 27.98 -37.31 | 220.20 28.94 -37.31 | 194.43 25.26 -35.53 | 160.70 21.59 -23.63 | 134.58 20.02 -3.95 | 124.60 18.47 0.00 | 98.81 13.26 0.00 | 86.06 11.42 0.00 | 77.72 9.54 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 49.30 0.00 0.00 | 42.91 -0.09 -0.16 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.79 -0.04 0.00 | 43.78 0.04 0.00 | 58.03 0.52 0.00 | 68.02 0.67 0.00 | 77.76 -0.08 0.00 | 92.88 -0.65 0.00 | 107.49 -0.86 -0.95 | 123.80 -0.62 0.00 | 148.00 -0.30 0.00 | 151.54 -0.61 0.00 | 154.57 0.00 0.00 | 154.10 0.15 0.00 | 133.64 0.00 0.00 | 115.59 -0.69 -0.80 | 110.32 -0.66 -0.37 | 105.92 -0.21 0.00 | 85.38 -0.17 0.00 | 74.79 0.15 0.00 | 68.66 0.48 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 49.30 0.00 0.00 | 42.91 -0.09 -0.16 | 43.03 -0.22 0.00 | 41.73 -0.21 0.00 | 41.36 -0.12 0.00 | 40.79 -0.04 0.00 | 43.78 0.04 0.00 | 58.03 0.52 0.00 | 68.02 0.67 0.00 | 77.76 -0.08 0.00 | 92.88 -0.65 0.00 | 107.49 -0.86 -0.95 | 123.80 -0.62 0.00 | 148.00 -0.30 0.00 | 151.54 -0.61 0.00 | 154.57 0.00 0.00 | 154.10 0.15 0.00 | 133.64 0.00 0.00 | 115.59 -0.69 -0.80 | 110.32 -0.66 -0.37 | 105.92 -0.21 0.00 | 85.38 -0.17 0.00 | 74.79 0.15 0.00 | 68.66 0.48 0.00 |
| SYRACUSE___POWER 24017 | 49.45 0.15 0.00 | 43.00 0.00 -0.16 | 43.16 -0.09 0.00 | 41.82 -0.13 0.00 | 41.44 -0.04 0.00 | 40.91 0.08 0.00 | 43.91 0.17 0.00 | 58.26 0.75 0.00 | 68.42 1.08 0.00 | 78.62 0.78 0.00 | 94.10 0.56 0.00 | 108.99 0.64 -0.94 | 125.54 1.12 0.00 | 150.08 1.78 0.00 | 153.67 1.52 0.00 | 156.74 2.16 0.00 | 156.25 2.31 0.00 | 135.38 1.74 0.00 | 117.08 0.81 -0.80 | 111.64 0.66 -0.37 | 107.09 0.96 0.00 | 86.32 0.77 0.00 | 75.54 0.90 0.00 | 68.93 0.75 0.00 |
| UNION___PROCESSING_DRP 323587 | 48.17 -1.13 0.00 | 41.67 -1.37 -0.20 | 41.60 -1.64 0.00 | 40.52 -1.43 0.00 | 40.28 -1.20 0.00 | 40.01 -0.82 0.00 | 42.77 -0.96 0.00 | 56.42 -1.09 0.00 | 66.94 -0.40 0.00 | 76.13 -1.71 0.00 | 91.66 -1.87 0.00 | 106.53 -2.04 -1.17 | 123.05 -1.37 0.00 | 146.22 -2.08 0.00 | 150.17 -1.98 0.00 | 153.95 -0.62 0.00 | 153.02 -0.92 0.00 | 132.57 -1.07 0.00 | 114.97 -1.50 -0.99 | 108.74 -2.32 -0.46 | 104.12 -2.02 0.00 | 84.01 -1.54 0.00 | 73.37 -1.27 0.00 | 66.75 -1.43 0.00 |
| UPPER HUDSON___HYD 24058 | 52.90 3.60 0.00 | 48.36 3.43 -2.09 | 46.27 3.03 0.00 | 44.54 2.60 0.00 | 44.02 2.53 0.00 | 43.48 2.65 0.00 | 47.19 3.45 0.00 | 61.82 4.31 0.00 | 72.39 5.05 0.00 | 85.00 7.16 0.00 | 101.95 8.42 0.00 | 131.50 11.17 -12.92 | 164.38 13.06 -26.89 | 178.22 14.24 -15.68 | 172.28 15.06 -5.07 | 176.12 14.68 -6.86 | 175.78 14.01 -7.83 | 153.93 12.83 -7.46 | 143.55 13.97 -14.10 | 128.82 13.16 -5.05 | 117.70 11.57 0.00 | 94.11 8.56 0.00 | 79.79 5.15 0.00 | 72.75 4.57 0.00 |
| UPPER RAQUET___HYD 24056 | 47.92 -1.38 0.00 | 41.55 -1.29 0.00 | 42.12 -1.12 0.00 | 40.89 -1.05 0.00 | 40.36 -1.12 0.00 | 40.22 -0.61 0.00 | 42.51 -1.22 0.00 | 55.90 -1.61 0.00 | 65.19 -2.15 0.00 | 74.18 -3.66 0.00 | 89.23 -4.30 0.00 | 99.56 -7.84 0.00 | 112.63 -9.33 2.45 | 135.97 -10.97 1.35 | 141.04 -11.11 0.00 | 142.05 -12.52 0.00 | 141.78 -12.16 0.00 | 122.95 -10.69 0.00 | 106.36 -9.12 0.00 | 102.43 -8.19 0.00 | 99.66 -6.47 0.00 | 82.39 -3.17 0.00 | 72.55 -2.09 0.00 | 66.61 -1.57 0.00 |
| VISCHER___FERRY HYD 24020 | 52.95 3.65 0.00 | 48.39 3.51 -2.04 | 46.49 3.24 0.00 | 45.00 3.06 0.00 | 44.51 3.03 0.00 | 43.73 2.90 0.00 | 47.28 3.54 0.00 | 61.53 4.03 0.00 | 71.65 4.31 0.00 | 84.22 6.38 0.00 | 101.58 8.04 0.00 | 130.46 10.53 -12.53 | 158.56 12.32 -21.83 | 175.39 14.53 -12.56 | 170.40 15.06 -3.19 | 173.87 14.99 -4.30 | 173.32 14.47 -4.91 | 151.28 12.96 -4.67 | 139.61 11.55 -12.59 | 126.23 10.73 -4.89 | 115.26 9.13 0.00 | 92.22 6.67 0.00 | 79.19 4.55 0.00 | 72.20 4.02 0.00 |
| WADING RIVER_IC_1 23522 | 87.77 5.42 -33.04 | 84.08 4.37 -36.87 | 77.18 4.02 -29.92 | 63.54 3.98 -17.61 | 63.50 3.78 -18.24 | 67.99 3.63 -23.52 | 81.84 4.64 -33.47 | 88.94 7.07 -24.36 | 95.58 8.55 -19.68 | 111.52 10.20 -23.48 | 143.17 12.63 -37.01 | 158.85 16.54 -34.91 | 197.76 19.91 -53.43 | 296.14 20.76 -127.09 | 370.44 21.00 -197.29 | 394.36 21.64 -218.15 | 394.38 21.55 -218.89 | 318.57 18.84 -166.09 | 291.34 16.51 -159.35 | 186.37 18.14 -57.62 | 161.54 16.13 -39.27 | 148.94 11.98 -51.41 | 114.21 10.08 -29.49 | 98.70 7.30 -23.23 |
| WADING RIVER_IC_2 23547 | 87.77 5.42 -33.04 | 84.08 4.37 -36.87 | 77.18 4.02 -29.92 | 63.54 3.98 -17.61 | 63.50 3.78 -18.24 | 67.99 3.63 -23.52 | 81.84 4.64 -33.47 | 88.94 7.07 -24.36 | 95.58 8.55 -19.68 | 111.52 10.20 -23.48 | 143.17 12.63 -37.01 | 158.85 16.54 -34.91 | 197.76 19.91 -53.43 | 296.14 20.76 -127.09 | 370.44 21.00 -197.29 | 394.36 21.64 -218.15 | 394.38 21.55 -218.89 | 318.57 18.84 -166.09 | 291.34 16.51 -159.35 | 186.37 18.14 -57.62 | 161.54 16.13 -39.27 | 148.94 11.98 -51.41 | 114.21 10.08 -29.49 | 98.70 7.30 -23.23 |
| WADING RIVER_IC_3 23601 | 87.77 5.42 -33.04 | 84.08 4.37 -36.87 | 77.18 4.02 -29.92 | 63.54 3.98 -17.61 | 63.50 3.78 -18.24 | 67.99 3.63 -23.52 | 81.84 4.64 -33.47 | 88.94 7.07 -24.36 | 95.58 8.55 -19.68 | 111.52 10.20 -23.48 | 143.17 12.63 -37.01 | 158.85 16.54 -34.91 | 197.76 19.91 -53.43 | 296.14 20.76 -127.09 | 370.44 21.00 -197.29 | 394.36 21.64 -218.15 | 394.38 21.55 -218.89 | 318.57 18.84 -166.09 | 291.34 16.51 -159.35 | 186.37 18.14 -57.62 | 161.54 16.13 -39.27 | 148.94 11.98 -51.41 | 114.21 10.08 -29.49 | 98.70 7.30 -23.23 |
| WALDEN___HYDRO 24148 | 53.89 4.59 0.00 | 48.02 3.60 -1.59 | 46.57 3.33 0.00 | 45.13 3.19 0.00 | 44.51 3.03 0.00 | 43.61 2.78 0.00 | 47.45 3.72 0.00 | 62.86 5.35 0.00 | 74.08 6.73 0.00 | 86.48 8.64 0.00 | 104.11 10.57 0.00 | 131.21 14.18 -9.63 | 158.23 16.67 -17.14 | 184.50 20.17 -16.03 | 210.33 21.30 -36.89 | 227.38 22.41 -50.39 | 234.36 22.94 -57.48 | 208.28 19.91 -54.73 | 164.03 17.21 -31.35 | 130.30 15.93 -3.76 | 119.93 13.80 0.00 | 95.05 9.50 0.00 | 82.55 7.91 0.00 | 74.18 6.00 0.00 |
| WARRENSBURG____ 23737 | 53.00 3.70 0.00 | 48.44 3.51 -2.09 | 46.31 3.07 0.00 | 44.63 2.68 0.00 | 44.10 2.61 0.00 | 43.52 2.69 0.00 | 47.23 3.50 0.00 | 61.88 4.37 0.00 | 72.46 5.12 0.00 | 85.00 7.16 0.00 | 101.67 8.14 0.00 | 130.85 10.53 -12.92 | 163.26 11.94 -26.89 | 177.03 13.05 -15.68 | 171.06 13.85 -5.07 | 174.73 13.29 -6.86 | 174.40 12.62 -7.83 | 152.86 11.76 -7.46 | 143.32 13.74 -14.10 | 128.82 13.16 -5.05 | 117.91 11.78 0.00 | 94.36 8.81 0.00 | 80.01 5.37 0.00 | 72.88 4.70 0.00 |

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|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| WATERSIDE___6 8 9 23538 | 54.54 5.42 0.19 | 52.73 4.54 -5.35 | 57.82 4.11 -10.47 | 57.32 4.03 -11.35 | 64.17 3.86 -18.83 | 66.80 3.63 -22.33 | 68.62 4.72 -20.17 | 68.70 6.50 -4.69 | 70.42 7.81 4.73 | 86.19 9.42 1.07 | 113.34 11.22 -8.58 | 134.82 14.39 -13.02 | 160.61 17.05 -19.15 | 187.85 20.02 -19.53 | 222.77 20.39 -50.23 | 244.23 21.02 -68.64 | 253.32 21.09 -78.29 | 226.36 18.18 -74.54 | 171.02 15.59 -39.95 | 137.63 14.71 -12.31 | 129.58 12.95 -10.49 | 97.61 9.67 -2.39 | 77.69 8.58 5.53 | 69.02 7.02 6.18 |
| WDELAWARE___HYD 323627 | 53.35 4.04 0.00 | 47.63 3.38 -1.41 | 46.49 3.24 0.00 | 45.09 3.15 0.00 | 44.51 3.03 0.00 | 43.52 2.69 0.00 | 46.88 3.15 0.00 | 61.94 4.43 0.00 | 72.73 5.39 0.00 | 84.69 6.85 0.00 | 102.14 8.61 0.00 | 127.32 11.38 -8.53 | 152.52 13.69 -14.41 | 177.64 16.61 -12.74 | 196.65 17.65 -26.85 | 208.41 17.16 -36.68 | 213.33 17.55 -41.84 | 189.92 16.44 -39.84 | 153.91 14.32 -24.11 | 127.22 13.27 -3.33 | 118.44 12.31 0.00 | 94.36 8.81 0.00 | 81.96 7.31 0.00 | 74.38 6.20 0.00 |
| WEST BABYLON___IC 23714 | 88.30 6.46 -32.53 | 84.65 5.48 -36.33 | 77.85 5.15 -29.46 | 64.28 4.99 -17.34 | 64.22 4.77 -17.96 | 68.65 4.65 -23.16 | 82.55 5.86 -32.95 | 89.98 8.11 -24.36 | 96.72 9.70 -19.68 | 113.00 11.68 -23.48 | 144.76 14.22 -37.01 | 160.57 18.26 -34.91 | 199.50 21.65 -53.43 | 300.89 25.51 -127.09 | 375.30 25.87 -197.29 | 399.31 26.59 -218.15 | 399.31 26.48 -218.89 | 322.72 22.99 -166.09 | 294.80 19.98 -159.35 | 187.25 19.03 -57.62 | 162.60 17.19 -39.27 | 149.80 12.83 -51.41 | 115.03 10.90 -29.49 | 101.65 8.45 -25.01 |
| WEST CANADA___HYD 24049 | 49.75 0.44 0.00 | 43.22 0.43 0.04 | 43.63 0.39 0.00 | 42.32 0.38 0.00 | 41.86 0.37 0.00 | 41.16 0.33 0.00 | 44.13 0.39 0.00 | 57.97 0.46 0.00 | 67.95 0.61 0.00 | 78.62 0.78 0.00 | 94.47 0.94 0.00 | 108.34 1.18 0.24 | 120.26 1.37 5.53 | 146.74 1.48 3.04 | 153.66 1.52 0.01 | 156.27 1.70 0.00 | 155.64 1.69 0.00 | 134.98 1.34 0.00 | 116.54 1.27 0.21 | 111.73 1.22 0.10 | 107.30 1.17 0.00 | 86.41 0.86 0.00 | 75.31 0.67 0.00 | 68.79 0.61 0.00 |
| WESTERN_NY_WIND 24143 | 47.53 -1.77 0.00 | 40.97 -2.10 -0.23 | 40.86 -2.38 0.00 | 39.85 -2.10 0.00 | 39.70 -1.78 0.00 | 39.60 -1.22 0.00 | 42.33 -1.40 0.00 | 55.84 -1.67 0.00 | 66.87 -0.47 0.00 | 75.43 -2.41 0.00 | 90.82 -2.71 0.00 | 105.32 -3.44 -1.36 | 123.36 -2.61 -1.56 | 145.15 -4.00 -0.86 | 148.50 -3.65 0.00 | 152.87 -1.70 0.00 | 151.63 -2.31 0.00 | 131.24 -2.41 0.00 | 113.97 -2.66 -1.15 | 107.16 -3.98 -0.53 | 102.74 -3.40 0.00 | 82.90 -2.65 0.00 | 72.55 -2.09 0.00 | 65.72 -2.45 0.00 |
| WESTOVER___LESR 323668 | 49.99 0.69 0.00 | 43.82 0.43 -0.56 | 43.63 0.39 0.00 | 42.32 0.38 0.00 | 41.94 0.46 0.00 | 41.36 0.53 0.00 | 44.56 0.83 0.00 | 59.00 1.50 0.00 | 69.83 2.49 0.00 | 80.57 2.72 0.00 | 96.81 3.27 0.00 | 114.80 4.19 -3.21 | 133.88 4.98 -4.49 | 156.84 6.08 -2.47 | 158.70 6.54 -0.01 | 161.99 7.42 0.00 | 161.49 7.54 0.00 | 139.92 6.28 0.00 | 123.04 4.85 -2.71 | 116.07 4.20 -1.25 | 110.17 4.03 0.00 | 88.55 2.99 0.00 | 77.03 2.39 0.00 | 69.61 1.43 0.00 |
| WETHRSFD_WT_PWR 323626 | 47.63 -1.68 0.00 | 41.26 -1.88 -0.31 | 41.21 -2.03 0.00 | 40.10 -1.85 0.00 | 39.95 -1.53 0.00 | 39.73 -1.10 0.00 | 42.51 -1.22 0.00 | 56.19 -1.32 0.00 | 67.48 0.13 0.00 | 76.36 -1.48 0.00 | 91.48 -2.06 0.00 | 106.94 -2.26 -1.79 | 124.89 -1.74 -2.21 | 146.99 -2.52 -1.22 | 150.17 -1.98 0.00 | 154.42 -0.15 0.00 | 153.63 -0.31 0.00 | 133.11 -0.53 0.00 | 115.49 -1.50 -1.51 | 108.54 -2.77 -0.70 | 104.01 -2.12 0.00 | 83.75 -1.80 0.00 | 73.30 -1.34 0.00 | 66.06 -2.11 0.00 |
| YORK___WARBASSE 23770 | 147.27 5.72 -92.25 | 147.25 4.67 -99.74 | 108.96 4.24 -61.48 | 110.22 4.32 -63.95 | 76.27 4.11 -30.68 | 72.52 3.88 -27.81 | 73.88 5.03 -25.11 | 93.94 6.90 -29.53 | 100.92 8.28 -25.29 | 147.26 9.89 -59.53 | 147.29 11.88 -41.88 | 147.79 15.14 -25.24 | 161.48 17.92 -19.15 | 188.00 20.17 -19.53 | 223.07 20.69 -50.23 | 244.54 21.33 -68.64 | 253.78 21.55 -78.29 | 226.63 18.44 -74.54 | 171.37 15.94 -39.95 | 171.22 15.49 -45.12 | 171.21 13.69 -51.39 | 171.21 10.27 -75.39 | 147.79 9.11 -64.04 | 147.29 7.50 -71.61 |