

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/17/2022

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 60.23 | 55.80 | 55.96 | 54.12 | 54.08 | 56.30 | 65.11 | 67.33 | 68.72 | 71.07 | 72.07 | 72.75 | 73.76 | 75.70 | 76.68 | 79.11 | 91.51 | 96.03 | 94.79 | 84.44 | 83.95 | 73.95 | 66.55 | 62.06 |
| 24138 | 0.09 | 0.08 | 0.08 | 0.04 | 0.07 | 0.08 | 0.47 | 0.97 | 0.38 | 0.60 | 0.64 | 0.66 | 0.48 | 0.28 | 0.11 | 0.11 | 0.10 | 0.19 | 0.60 | 0.74 | 1.41 | 1.50 | 1.44 | 0.93 |
| | -59.10 | -54.68 | -54.85 | -53.57 | -52.97 | -55.18 | -58.97 | -55.12 | -64.08 | -64.24 | -65.35 | -65.88 | -68.78 | -72.72 | -75.53 | -77.96 | -90.37 | -93.86 | -87.90 | -75.73 | -67.09 | -56.66 | -49.67 | -50.81 |
| 74TH STREET_GT_1 | 60.24 | 55.80 | 55.97 | 54.13 | 54.09 | 56.31 | 65.10 | 67.30 | 68.72 | 71.05 | 72.05 | 72.74 | 73.75 | 75.70 | 76.69 | 79.12 | 91.52 | 96.04 | 94.78 | 84.43 | 83.90 | 73.91 | 66.51 | 62.07 |
| 24260 | 0.09 | 0.08 | 0.07 | 0.04 | 0.07 | 0.08 | 0.45 | 0.92 | 0.37 | 0.58 | 0.62 | 0.63 | 0.46 | 0.27 | 0.10 | 0.10 | 0.10 | 0.18 | 0.57 | 0.71 | 1.34 | 1.45 | 1.39 | 0.93 |
| | -59.11 | -54.69 | -54.86 | -53.58 | -52.98 | -55.19 | -58.98 | -55.13 | -64.10 | -64.26 | -65.36 | -65.89 | -68.79 | -72.73 | -75.55 | -77.98 | -90.38 | -93.87 | -87.91 | -75.74 | -67.10 | -56.67 | -49.68 | -50.82 |
| 74TH STREET_GT_2 | 60.24 | 55.80 | 55.97 | 54.13 | 54.09 | 56.31 | 65.10 | 67.30 | 68.72 | 71.05 | 72.05 | 72.74 | 73.75 | 75.70 | 76.69 | 79.12 | 91.52 | 96.04 | 94.78 | 84.43 | 83.90 | 73.91 | 66.51 | 62.07 |
| 24261 | 0.09 | 0.08 | 0.07 | 0.04 | 0.07 | 0.08 | 0.45 | 0.92 | 0.37 | 0.58 | 0.62 | 0.63 | 0.46 | 0.27 | 0.10 | 0.10 | 0.10 | 0.18 | 0.57 | 0.71 | 1.34 | 1.45 | 1.39 | 0.93 |
| | -59.11 | -54.69 | -54.86 | -53.58 | -52.98 | -55.19 | -58.98 | -55.13 | -64.10 | -64.26 | -65.36 | -65.89 | -68.79 | -72.73 | -75.55 | -77.98 | -90.38 | -93.87 | -87.91 | -75.74 | -67.10 | -56.67 | -49.68 | -50.82 |
| ADK HUDSON___FALLS | 89.72 | 84.67 | 84.42 | 82.43 | 82.06 | 85.45 | 96.26 | 95.68 | 99.48 | 98.67 | 99.57 | 100.36 | 103.01 | 105.98 | 108.34 | 111.16 | 125.45 | 132.54 | 130.60 | 122.24 | 117.15 | 98.83 | 88.54 | 87.80 |
| 24011 | 0.05 | 0.05 | 0.04 | 0.02 | 0.05 | 0.05 | 0.36 | 0.71 | 0.29 | 0.34 | 0.31 | 0.24 | 0.20 | 0.13 | 0.06 | 0.06 | 0.06 | 0.13 | 0.42 | 0.55 | 1.10 | 1.03 | 0.91 | 0.55 |
| | -88.63 | -83.58 | -83.34 | -81.89 | -80.98 | -84.36 | -90.23 | -83.72 | -94.94 | -92.11 | -93.19 | -93.90 | -98.30 | -103.16 | -107.25 | -110.05 | -124.35 | -130.43 | -123.89 | -113.72 | -100.60 | -82.02 | -72.19 | -76.93 |
| ADK RESOURCE___RCVRY | 89.85 | 84.78 | 84.53 | 82.53 | 82.17 | 85.56 | 96.40 | 95.84 | 99.64 | 98.84 | 99.75 | 100.52 | 103.18 | 106.16 | 108.52 | 111.34 | 125.67 | 132.78 | 130.83 | 122.44 | 117.37 | 99.02 | 88.70 | 87.93 |
| 23798 | 0.06 | 0.05 | 0.05 | 0.02 | 0.05 | 0.06 | 0.39 | 0.77 | 0.31 | 0.36 | 0.33 | 0.25 | 0.22 | 0.13 | 0.06 | 0.06 | 0.07 | 0.14 | 0.44 | 0.59 | 1.17 | 1.09 | 0.96 | 0.58 |
| | -88.75 | -83.69 | -83.45 | -81.99 | -81.08 | -84.47 | -90.35 | -83.83 | -95.07 | -92.26 | -93.34 | -94.05 | -98.46 | -103.33 | -107.42 | -110.24 | -124.57 | -130.66 | -124.10 | -113.88 | -100.74 | -82.14 | -72.30 | -77.03 |
| ADK S GLENS___FALLS | 89.72 | 84.67 | 84.42 | 82.43 | 82.06 | 85.45 | 96.26 | 95.68 | 99.48 | 98.67 | 99.57 | 100.36 | 103.01 | 105.98 | 108.34 | 111.16 | 125.45 | 132.54 | 130.60 | 122.24 | 117.15 | 98.83 | 88.54 | 87.80 |
| 24028 | 0.05 | 0.05 | 0.04 | 0.02 | 0.05 | 0.05 | 0.36 | 0.71 | 0.29 | 0.34 | 0.31 | 0.24 | 0.20 | 0.13 | 0.06 | 0.06 | 0.06 | 0.13 | 0.42 | 0.55 | 1.10 | 1.03 | 0.91 | 0.55 |
| | -88.63 | -83.58 | -83.34 | -81.89 | -80.98 | -84.36 | -90.23 | -83.72 | -94.94 | -92.11 | -93.19 | -93.90 | -98.30 | -103.16 | -107.25 | -110.05 | -124.35 | -130.43 | -123.89 | -113.72 | -100.60 | -82.02 | -72.19 | -76.93 |
| ADK_NYS___DAM | 83.26 | 79.10 | 78.70 | 76.96 | 76.65 | 79.82 | 90.21 | 89.72 | 92.00 | 90.41 | 91.09 | 91.85 | 94.16 | 96.42 | 98.45 | 100.78 | 112.61 | 119.48 | 118.73 | 113.73 | 109.56 | 91.74 | 82.38 | 82.38 |
| 23527 | 0.05 | 0.05 | 0.04 | 0.02 | 0.04 | 0.05 | 0.33 | 0.62 | 0.25 | 0.34 | 0.35 | 0.36 | 0.26 | 0.15 | 0.06 | 0.06 | 0.06 | 0.12 | 0.38 | 0.49 | 0.96 | 0.98 | 0.85 | 0.50 |
| | -82.17 | -78.01 | -77.62 | -76.43 | -75.58 | -78.73 | -84.21 | -77.85 | -87.50 | -83.85 | -84.66 | -85.28 | -89.39 | -93.57 | -97.35 | -99.68 | -111.51 | -117.38 | -112.05 | -105.26 | -93.15 | -74.97 | -66.09 | -71.56 |
| AIR_PRODUCTS___DRP | 82.16 | 77.44 | 77.25 | 75.37 | 75.06 | 78.15 | 88.14 | 87.71 | 90.91 | 90.43 | 91.29 | 92.07 | 94.39 | 97.09 | 99.23 | 101.85 | 115.13 | 121.50 | 119.66 | 111.61 | 107.43 | 90.98 | 81.68 | 80.83 |
| 24190 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 | 0.16 | 0.07 | 0.10 | 0.08 | 0.09 | 0.06 | 0.04 | 0.01 | 0.01 | 0.01 | 0.03 | 0.09 | 0.12 | 0.23 | 0.24 | 0.28 | 0.16 |
| | -81.10 | -76.39 | -76.20 | -74.85 | -74.01 | -77.10 | -82.40 | -76.30 | -86.59 | -84.11 | -85.13 | -85.77 | -89.82 | -94.36 | -98.18 | -100.79 | -114.08 | -119.49 | -113.27 | -103.51 | -91.75 | -74.96 | -65.97 | -70.35 |
| ALBANY___1 | 82.16 | 77.44 | 77.25 | 75.37 | 75.06 | 78.15 | 88.14 | 87.71 | 90.91 | 90.43 | 91.29 | 92.07 | 94.39 | 97.09 | 99.23 | 101.85 | 115.13 | 121.50 | 119.66 | 111.61 | 107.43 | 90.98 | 81.68 | 80.83 |
| 23571 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 | 0.16 | 0.07 | 0.10 | 0.08 | 0.09 | 0.06 | 0.04 | 0.01 | 0.01 | 0.01 | 0.03 | 0.09 | 0.12 | 0.23 | 0.24 | 0.28 | 0.16 |
| | -81.10 | -76.39 | -76.20 | -74.85 | -74.01 | -77.10 | -82.40 | -76.30 | -86.59 | -84.11 | -85.13 | -85.77 | -89.82 | -94.36 | -98.18 | -100.79 | -114.08 | -119.49 | -113.27 | -103.51 | -91.75 | -74.96 | -65.97 | -70.35 |
| ALBANY___2 | 82.16 | 77.44 | 77.25 | 75.37 | 75.06 | 78.15 | 88.14 | 87.71 | 90.91 | 90.43 | 91.29 | 92.07 | 94.39 | 97.09 | 99.23 | 101.85 | 115.13 | 121.50 | 119.66 | 111.61 | 107.43 | 90.98 | 81.68 | 80.83 |
| 23572 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 | 0.16 | 0.07 | 0.10 | 0.08 | 0.09 | 0.06 | 0.04 | 0.01 | 0.01 | 0.01 | 0.03 | 0.09 | 0.12 | 0.23 | 0.24 | 0.28 | 0.16 |
| | -81.10 | -76.39 | -76.20 | -74.85 | -74.01 | -77.10 | -82.40 | -76.30 | -86.59 | -84.11 | -85.13 | -85.77 | -89.82 | -94.36 | -98.18 | -100.79 | -114.08 | -119.49 | -113.27 | -103.51 | -91.75 | -74.96 | -65.97 | -70.35 |
| ALBANY___3 | 82.16 | 77.44 | 77.25 | 75.37 | 75.06 | 78.15 | 88.14 | 87.71 | 90.91 | 90.43 | 91.29 | 92.07 | 94.39 | 97.09 | 99.23 | 101.85 | 115.13 | 121.50 | 119.66 | 111.61 | 107.43 | 90.98 | 81.68 | 80.83 |
| 23573 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 | 0.16 | 0.07 | 0.10 | 0.08 | 0.09 | 0.06 | 0.04 | 0.01 | 0.01 | 0.01 | 0.03 | 0.09 | 0.12 | 0.23 | 0.24 | 0.28 | 0.16 |
| | -81.10 | -76.39 | -76.20 | -74.85 | -74.01 | -77.10 | -82.40 | -76.30 | -86.59 | -84.11 | -85.13 | -85.77 | -89.82 | -94.36 | -98.18 | -100.79 | -114.08 | -119.49 | -113.27 | -103.51 | -91.75 | -74.96 | -65.97 | -70.35 |
| ALBANY___4 | 82.16 | 77.44 | 77.25 | 75.37 | 75.06 | 78.15 | 88.14 | 87.71 | 90.91 | 90.43 | 91.29 | 92.07 | 94.39 | 97.09 | 99.23 | 101.85 | 115.13 | 121.50 | 119.66 | 111.61 | 107.43 | 90.98 | 81.68 | 80.83 |
| 23574 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 | 0.16 | 0.07 | 0.10 | 0.08 | 0.09 | 0.06 | 0.04 | 0.01 | 0.01 | 0.01 | 0.03 | 0.09 | 0.12 | 0.23 | 0.24 | 0.28 | 0.16 |
| | -81.10 | -76.39 | -76.20 | -74.85 | -74.01 | -77.10 | -82.40 | -76.30 | -86.59 | -84.11 | -85.13 | -85.77 | -89.82 | -94.36 | -98.18 | -100.79 | -114.08 | -119.49 | -113.27 | -103.51 | -91.75 | -74.96 | -65.97 | -70.35 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGF 323615 | 84.38 0.03 -83.32 | 79.63 0.03 -78.57 | 79.40 0.02 -78.34 | 77.50 0.01 -76.97 | 77.17 0.02 -76.12 | 80.36 0.03 -79.30 | 90.64 0.17 -84.80 | 90.23 0.33 -78.66 | 93.79 0.14 -89.40 | 93.15 0.19 -86.74 | 94.02 0.18 -87.76 | 94.83 0.19 -88.43 | 97.22 0.13 -92.58 | 99.95 0.08 -97.17 | 102.07 0.03 -101.00 | 104.72 0.03 -103.65 | 118.19 0.03 -117.12 | 124.91 0.06 -122.87 | 123.16 0.18 -116.68 | 115.26 0.23 -107.06 | 110.64 0.45 -94.74 | 93.49 0.46 -77.25 | 83.91 0.48 -68.00 | 82.92 0.28 -72.32 |
| ALCOA_RYNLDS___DRP 24188 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 0.50 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.13 -0.19 2.35 | 2.21 -0.37 8.67 | 2.02 -0.12 2.12 | 1.70 -0.20 4.32 | 1.69 -0.19 4.19 | 1.22 -0.19 4.80 | 1.13 -0.14 3.25 | 1.08 -0.08 1.54 | 0.98 -0.03 0.03 | 0.98 -0.03 0.03 | 1.01 -0.03 0.00 | 1.05 -0.06 0.88 | 1.69 -0.23 4.38 | 2.12 -0.29 5.56 | 14.90 -0.56 0.00 | 15.30 -0.49 0.00 | 14.90 -0.54 0.00 | 9.99 -0.33 0.00 |
| ALCOA___DSASP 323711 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 0.50 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.13 -0.19 2.35 | 2.21 -0.37 8.67 | 2.02 -0.12 2.12 | 1.70 -0.20 4.32 | 1.69 -0.19 4.19 | 1.22 -0.19 4.80 | 1.13 -0.14 3.25 | 1.08 -0.08 1.54 | 0.98 -0.03 0.03 | 0.98 -0.03 0.03 | 1.01 -0.03 0.00 | 1.05 -0.06 0.88 | 1.69 -0.23 4.38 | 2.12 -0.29 5.56 | 14.90 -0.56 0.00 | 15.30 -0.49 0.00 | 14.90 -0.54 0.00 | 9.99 -0.33 0.00 |
| ALLEGHENY___COGEN 23514 | 11.65 0.11 -10.50 | 10.92 0.10 -9.79 | 10.93 0.10 -9.80 | 10.15 0.05 -9.59 | 10.62 0.10 -9.48 | 11.02 0.10 -9.88 | 16.85 0.63 -10.56 | 22.08 1.00 -9.83 | 15.74 0.30 -11.19 | 17.71 0.41 -11.08 | 17.68 0.36 -11.24 | 17.91 0.36 -11.33 | 16.59 0.24 -11.85 | 15.35 0.16 -12.49 | 14.08 0.05 -12.98 | 14.47 0.06 -13.37 | 16.45 0.05 -15.36 | 18.11 0.12 -16.00 | 21.87 0.51 -15.06 | 22.01 0.75 -13.28 | 28.77 1.55 -11.77 | 27.11 1.52 -9.81 | 25.55 1.50 -8.61 | 20.46 1.07 -9.06 |
| ALTONA_WT_PWR 323606 | 0.96 -0.08 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.97 -0.06 0.00 | 2.87 -0.36 2.43 | 1.51 -0.78 8.96 | 1.77 -0.29 2.19 | 1.31 -0.44 4.47 | 1.27 -0.47 4.33 | 0.73 -0.52 4.97 | 0.00 -0.39 4.12 | 0.87 -0.23 1.59 | 0.00 -0.09 0.95 | 0.00 -0.09 0.95 | 0.95 -0.08 0.00 | 0.91 -0.16 0.91 | 1.30 -0.47 4.53 | 1.67 -0.56 5.75 | 14.48 -0.97 0.00 | 14.84 -0.95 0.00 | 14.59 -0.85 0.00 | 9.81 -0.52 0.00 |
| AMERICAN_REF_FUEL 24010 | 10.47 0.07 -9.36 | 9.83 0.07 -8.72 | 9.83 0.07 -8.73 | 9.09 0.03 -8.54 | 9.55 0.07 -8.45 | 9.91 0.07 -8.80 | 15.50 0.43 -9.41 | 20.73 0.72 -8.76 | 14.34 0.21 -9.87 | 16.32 0.33 -9.77 | 16.29 0.30 -9.92 | 16.51 0.30 -10.00 | 15.15 0.19 -10.45 | 13.84 0.12 -11.02 | 12.54 0.04 -11.46 | 12.88 0.04 -11.80 | 14.62 0.04 -13.55 | 16.18 0.08 -14.12 | 19.89 0.31 -13.29 | 20.07 0.37 -11.72 | 26.50 0.66 -10.39 | 25.07 0.63 -8.65 | 23.84 0.80 -7.60 | 19.09 0.69 -8.07 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 11.41 0.11 -10.27 | 10.71 0.11 -9.57 | 10.72 0.11 -9.58 | 9.94 0.05 -9.38 | 10.42 0.12 -9.27 | 10.82 0.12 -9.66 | 16.71 0.73 -10.32 | 22.12 1.26 -9.61 | 15.36 0.37 -10.73 | 17.35 0.50 -10.62 | 17.30 0.44 -10.79 | 17.49 0.40 -10.87 | 16.12 0.25 -11.36 | 14.83 0.15 -11.98 | 13.54 0.05 -12.46 | 13.92 0.05 -12.83 | 15.81 0.04 -14.73 | 17.45 0.11 -15.35 | 21.20 0.46 -14.45 | 21.39 0.67 -12.74 | 28.15 1.41 -11.29 | 26.60 1.40 -9.41 | 25.32 1.62 -8.26 | 20.44 1.26 -8.86 |
| ARTHUR_KILL_GT_1 23520 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.95 0.06 -54.86 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.29 0.07 -55.19 | 65.02 0.37 -58.98 | 67.12 0.75 -55.12 | 68.65 0.31 -64.09 | 70.97 0.50 -64.25 | 71.96 0.53 -65.35 | 72.64 0.55 -65.88 | 73.69 0.40 -68.78 | 75.66 0.24 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.50 0.09 -90.37 | 96.01 0.16 -93.87 | 94.71 0.50 -87.90 | 84.32 0.61 -75.73 | 83.69 1.14 -67.09 | 73.71 1.26 -56.67 | 66.35 1.24 -49.67 | 61.99 0.85 -50.82 |
| ARTHUR_KILL_2 23512 | 60.24 0.08 -59.11 | 55.80 0.07 -54.69 | 55.95 0.06 -54.86 | 54.12 0.03 -53.58 | 54.07 0.06 -52.98 | 56.29 0.06 -55.19 | 65.00 0.36 -58.98 | 67.09 0.72 -55.12 | 68.64 0.29 -64.09 | 70.95 0.48 -64.25 | 71.94 0.52 -65.35 | 72.63 0.53 -65.88 | 73.67 0.38 -68.78 | 75.65 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.37 | 96.00 0.15 -93.87 | 94.68 0.48 -87.90 | 84.29 0.58 -75.73 | 83.63 1.08 -67.09 | 73.67 1.22 -56.67 | 66.30 1.19 -49.67 | 61.96 0.82 -50.82 |
| ARTHUR_KILL_3 23513 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.06 0.41 -58.98 | 67.19 0.82 -55.12 | 68.67 0.32 -64.09 | 70.99 0.52 -64.25 | 72.00 0.57 -65.36 | 72.68 0.58 -65.89 | 73.71 0.41 -68.79 | 75.67 0.24 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.71 0.51 -87.91 | 84.35 0.64 -75.74 | 83.75 1.21 -67.10 | 73.80 1.34 -56.67 | 66.41 1.30 -49.68 | 62.01 0.87 -50.82 |
| ARTHUR_KILL_COGEN 323718 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.95 0.06 -54.86 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.29 0.07 -55.19 | 65.02 0.37 -58.98 | 67.12 0.75 -55.12 | 68.65 0.31 -64.09 | 70.97 0.50 -64.25 | 71.96 0.53 -65.35 | 72.64 0.55 -65.88 | 73.69 0.40 -68.78 | 75.66 0.24 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.50 0.09 -90.37 | 96.01 0.16 -93.87 | 94.71 0.50 -87.90 | 84.32 0.61 -75.73 | 83.69 1.14 -67.09 | 73.71 1.26 -56.67 | 66.35 1.24 -49.67 | 61.99 0.85 -50.82 |
| ASHOKAN____ 23654 | 69.46 0.05 -68.36 | 64.90 0.05 -63.82 | 64.91 0.04 -63.84 | 63.06 0.02 -62.53 | 62.91 0.04 -61.83 | 65.49 0.04 -64.41 | 74.71 0.20 -68.84 | 75.59 0.30 -64.04 | 77.93 0.08 -73.59 | 78.98 0.12 -72.64 | 79.88 0.10 -73.71 | 80.61 0.12 -74.28 | 82.26 0.08 -77.67 | 84.61 0.05 -81.86 | 86.15 0.02 -85.10 | 88.66 0.02 -87.60 | 101.44 0.02 -100.38 | 106.72 0.05 -104.69 | 105.12 0.21 -98.62 | 95.71 0.27 -87.47 | 93.53 0.57 -77.51 | 80.73 0.55 -64.39 | 72.55 0.55 -56.56 | 69.78 0.42 -59.04 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.63 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.08 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.65 0.45 -87.90 | 84.26 0.55 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.37 1.25 -49.68 | 62.09 0.95 -50.82 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.63 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.08 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.65 0.45 -87.90 | 84.26 0.55 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.37 1.25 -49.68 | 62.09 0.95 -50.82 |
| ASTORIA_GT2_I 24094 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.38 1.27 -49.68 | 62.10 0.96 -50.82 |

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| ASTORIA_GT2_2 24095 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.38 1.27 -49.68 | 62.10 0.96 -50.82 |
| ASTORIA_GT2_3 24096 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.38 1.27 -49.68 | 62.10 0.96 -50.82 |
| ASTORIA_GT2_4 24097 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.38 1.27 -49.68 | 62.10 0.96 -50.82 |
| ASTORIA_GT3_1 24098 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.38 1.27 -49.68 | 62.10 0.96 -50.82 |
| ASTORIA_GT3_2 24099 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.38 1.27 -49.68 | 62.10 0.96 -50.82 |
| ASTORIA_GT3_3 24100 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.38 1.27 -49.68 | 62.10 0.96 -50.82 |
| ASTORIA_GT3_4 24101 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.5 | | | |

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| ASTORIA_GT_13 24227 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.21 0.83 -55.13 | 68.68 0.33 -64.10 | 71.00 0.52 -64.26 | 72.00 0.56 -65.36 | 72.68 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.09 -75.55 | 79.11 0.09 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.63 -75.74 | 83.73 1.17 -67.10 | 73.77 1.31 -56.67 | 66.43 1.31 -49.68 | 62.06 0.92 -50.82 |
| ASTORIA_GT_5 24106 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.04 0.40 -58.98 | 67.12 0.75 -55.12 | 68.64 0.30 -64.09 | 70.95 0.48 -64.25 | 71.94 0.52 -65.35 | 72.63 0.53 -65.88 | 73.67 0.38 -68.78 | 75.65 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.37 | 96.00 0.15 -93.87 | 94.67 0.47 -87.90 | 84.28 0.57 -75.73 | 83.60 1.05 -67.09 | 73.67 1.22 -56.67 | 66.42 1.30 -49.68 | 62.11 0.97 -50.82 |
| ASTORIA_GT_7 24107 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.04 0.40 -58.98 | 67.12 0.75 -55.12 | 68.64 0.30 -64.09 | 70.95 0.48 -64.25 | 71.94 0.52 -65.35 | 72.63 0.53 -65.88 | 73.67 0.38 -68.78 | 75.65 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.37 | 96.00 0.15 -93.87 | 94.67 0.47 -87.90 | 84.28 0.57 -75.73 | 83.60 1.05 -67.09 | 73.67 1.22 -56.67 | 66.42 1.30 -49.68 | 62.11 0.97 -50.82 |
| ASTORIA_GT_8 24108 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.04 0.40 -58.98 | 67.12 0.75 -55.12 | 68.64 0.30 -64.09 | 70.95 0.48 -64.25 | 71.94 0.52 -65.35 | 72.63 0.53 -65.88 | 73.67 0.38 -68.78 | 75.65 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.37 | 96.00 0.15 -93.87 | 94.67 0.47 -87.90 | 84.28 0.57 -75.73 | 83.60 1.05 -67.09 | 73.67 1.22 -56.67 | 66.42 1.30 -49.68 | 62.11 0.97 -50.82 |
| ASTORIA___2 24149 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.39 -58.98 | 67.10 0.73 -55.12 | 68.64 0.29 -64.09 | 70.93 0.47 -64.25 | 71.93 0.50 -65.35 | 72.61 0.52 -65.88 | 73.66 0.37 -68.78 | 75.64 0.22 -72.73 | 76.66 0.09 -75.54 | 79.10 0.08 -77.97 | 91.49 0.08 -90.37 | 95.99 0.14 -93.87 | 94.66 0.45 -87.90 | 84.27 0.56 -75.73 | 83.56 1.02 -67.09 | 73.64 1.18 -56.67 | 66.38 1.27 -49.68 | 62.10 0.96 -50.82 |
| ASTORIA___3 23516 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.21 0.83 -55.13 | 68.68 0.33 -64.10 | 71.00 0.52 -64.26 | 72.00 0.56 -65.36 | 72.68 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.09 -75.55 | 79.11 0.09 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.63 -75.74 | 83.73 1.17 -67.10 | 73.77 1.31 -56.67 | 66.43 1.31 -49.68 | 62.06 0.92 -50.82 |
| ASTORIA___4 23517 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.21 0.83 -55.13 | 68.68 0.33 -64.10 | 71.00 0.52 -64.26 | 72.00 0.56 -65.36 | 72.68 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.09 -75.55 | 79.11 0.09 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.63 -75.74 | 83.73 1.17 -67.10 | 73.77 1.31 -56.67 | 66.43 1.31 -49.68 | 62.06 0.92 -50.82 |
| ASTORIA___5 23518 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.21 0.83 -55.13 | 68.68 0.33 -64.10 | 71.00 0.52 -64.26 | 72.00 0.56 -65.36 | 72.68 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.09 -75.55 | 79.11 0.09 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.63 -75.74 | 83.73 1.17 -67.10 | 73.77 1.31 -56.67 | 66.43 1.31 -49.68 | 62.06 0.92 -50.82 |
| AST_ENERGY_2_CC3 323677 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.06 0.41 -58.98 | 67.20 0.83 -55.12 | 68.68 0.33 -64.09 | 71.00 0.53 -64.25 | 72.00 0.57 -65.36 | 72.69 0.58 -65.89 | 73.71 0.42 -68.79 | 75.67 0.25 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.72 0.52 -87.91 | 84.36 0.65 -75.74 | 83.77 1.22 -67.10 | 73.78 1.33 -56.67 | 66.40 1.28 -49.68 | 61.99 0.86 -50.82 |
| AST_ENERGY_2_CC4 323678 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.06 0.41 -58.98 | 67.20 0.83 -55.12 | 68.68 0.33 -64.09 | 71.00 0.53 -64.25 | 72.00 0.57 -65.36 | 72.69 0.58 -65.89 | 73.71 0.42 -68.79 | 75.67 0.25 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.72 0.52 -87.91 | 84.36 0.65 -75.74 | 83.77 1.22 -67.10 | 73.78 1.33 -56.67 | 66.40 1.28 -49.68 | 61.99 0.86 -50.82 |
| ATHENS_STG_1 23668 | 68.85 0.03 -67.78 | 64.10 0.03 -63.03 | 64.19 0.03 -63.12 | 62.28 0.02 -61.75 | 62.13 0.03 -61.06 | 64.68 0.03 -63.61 | 73.82 0.18 -67.98 | 74.96 0.35 -63.37 | 77.59 0.14 -73.19 | 79.17 0.22 -72.74 | 80.19 0.22 -73.89 | 80.92 0.23 -74.47 | 82.49 0.17 -77.82 | 84.93 0.10 -82.13 | 86.42 0.04 -85.34 | 89.04 0.04 -87.96 | 102.37 0.04 -101.30 | 107.51 0.07 -105.46 | 105.60 0.22 -99.08 | 95.02 0.27 -86.78 | 92.87 0.53 -76.89 | 80.66 0.54 -64.34 | 72.42 0.53 -56.46 | 69.08 0.34 -58.42 |
| ATHENS_STG_2 23670 | 68.85 0.03 -67.78 | 64.10 0.03 -63.03 | 64.19 0.03 -63.12 | 62.28 0.02 -61.75 | 62.13 0.03 -61.06 | 64.68 0.03 -63.61 | 73.82 0.18 -67.98 | 74.96 0.35 -63.37 | 77.59 0.14 -73.19 | 79.17 0.22 -72.74 | 80.19 0.22 -73.89 | 80.92 0.23 -74.47 | 82.49 0.17 -77.82 | 84.93 0.10 -82.13 | 86.42 0.04 -85.34 | 89.04 0.04 -87.96 | 102.37 0.04 -101.30 | 107.51 0.07 -105.46 | 105.60 0.22 -99.08 | 95.02 0.27 -86.78 | 92.87 0.53 -76.89 | 80.66 0.54 -64.34 | 72.42 0.53 -56.46 | 69.08 0.34 -58.42 |
| ATHENS_STG_3 23677 | 68.85 0.03 -67.78 | 64.10 0.03 -63.03 | 64.19 0.03 -63.12 | 62.28 0.02 -61.75 | 62.13 0.03 -61.06 | 64.68 0.03 -63.61 | 73.82 0.18 -67.98 | 74.96 0.35 -63.37 | 77.59 0.14 -73.19 | 79.17 0.22 -72.74 | 80.19 0.22 -73.89 | 80.92 0.23 -74.47 | 82.49 0.17 -77.82 | 84.93 0.10 -82.13 | 86.42 0.04 -85.34 | 89.04 0.04 -87.96 | 102.37 0.04 -101.30 | 107.51 0.07 -105.46 | 105.60 0.22 -99.08 | 95.02 0.27 -86.78 | 92.87 0.53 -76.89 | 80.66 0.54 -64.34 | 72.42 0.53 -56.46 | 69.08 0.34 -58.42 |
| AUBURN___LFGE 323710 | 8.93 0.03 -7.86 | 8.39 0.03 -7.33 | 8.40 0.03 -7.33 | 7.71 0.01 -7.18 | 8.16 0.03 -7.10 | 8.46 0.03 -7.39 | 13.79 0.23 -7.90 | 19.08 0.47 -7.36 | 12.84 0.15 -8.44 | 14.80 0.23 -8.35 | 14.74 0.19 -8.48 | 14.94 0.18 -8.55 | 13.57 0.13 -8.94 | 12.20 0.08 -9.42 | 10.86 0.02 -9.79 | 11.16 0.03 -10.09 | 12.65 0.03 -11.58 | 14.11 0.05 -12.07 | 17.84 0.19 -11.36 | 18.25 0.26 -10.02 | 24.81 0.48 -8.88 | 23.64 0.46 -7.40 | 22.49 0.55 -6.50 | 17.48 0.37 -6.78 |
| BABYLON_RES_REC 323704 | 73.85 0.12 -72.70 | 69.07 0.11 -67.92 | 59.68 0.10 -58.54 | 64.54 0.05 -63.97 | 68.68 0.10 -67.55 | 63.47 0.11 -62.33 | 82.60 0.62 -76.31 | 83.99 1.24 -71.51 | 83.91 0.47 -79.18 | 83.94 0.71 -77.01 | 82.27 0.60 -75.60 | 83.06 0.60 -76.24 | 83.67 0.43 -78.73 | 83.67 0.26 -80.71 | 84.49 0.10 -83.35 | 84.59 0.10 -83.44 | 96.39 0.10 -95.25 | 104.53 0.17 -102.37 | 109.57 0.56 -102.71 | 104.11 0.69 -95.44 | 101.26 1.33 -84.48 | 98.44 1.50 -81.15 | 84.72 1.64 -67.65 | 82.41 1.18 -70.92 |

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|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_1 23704 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_10 23701 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_11 23702 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_12 23703 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_2 23705 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_3 23706 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_4 23707 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_5 23708 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_6 23709 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_7 23710 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_8 23711 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT_IC_9 23700 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT___1 23545 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BARRETT___2 23546 | 75.14 0.12 -73.99 | 70.04 0.11 -68.90 | 59.95 0.10 -58.81 | 65.30 0.05 -64.74 | 69.76 0.10 -68.62 | 64.00 0.11 -62.85 | 82.54 0.56 -76.31 | 83.83 1.07 -71.51 | 83.86 0.42 -79.18 | 83.87 0.63 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.45 1.52 -81.15 | 84.67 1.59 -67.65 | 82.31 1.07 -70.92 |
| BAYONEEC___CTG1 323682 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG10 323750 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BAYONEEC___CTG2 323683 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BAYONEEC___CTG3 323684 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BAYONEEC___CTG4 323685 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BAYONEEC___CTG5 323686 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BAYONEEC___CTG6 323687 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BAYONEEC___CTG7 323688 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BAYONEEC___CTG8 323689 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BAYONEEC___CTG9 323749 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| BEACON___LESR 323632 | 82.26 0.04 -81.18 | 77.60 0.04 -76.53 | 77.38 0.03 -76.32 | 75.51 0.02 -74.98 | 75.21 0.04 -74.14 | 78.31 0.04 -77.24 | 88.43 0.22 -82.54 | 88.09 0.44 -76.41 | 91.14 0.19 -86.70 | 90.59 0.26 -84.10 | 91.43 0.25 -85.11 | 92.20 0.25 -85.74 | 94.49 0.18 -89.80 | 97.11 0.11 -94.31 | 99.20 0.04 -98.12 | 101.79 0.04 -100.71 | 114.94 0.04 -113.86 | 121.37 0.07 -119.33 | 119.81 0.21 -113.30 | 112.08 0.26 -103.85 | 107.86 0.49 -91.91 | 91.37 0.60 -74.99 | 82.10 0.66 -66.00 | 81.17 0.40 -70.45 |
| BEAVER RIVER___HYD 24048 | 1.05 0.02 0.00 | 1.05 0.02 0.00 | 1.05 0.01 0.00 | 0.52 0.01 0.00 | 1.05 0.02 0.00 | 1.06 0.02 0.00 | 5.04 0.12 0.74 | 8.77 0.27 2.74 | 3.65 0.06 0.67 | 4.91 0.06 1.37 | 4.83 0.08 1.32 | 4.75 0.06 1.52 | 3.47 0.04 1.07 | 2.22 0.01 0.49 | 0.97 0.00 0.06 | 0.97 0.00 0.06 | 1.03 0.00 0.00 | 1.72 0.01 0.28 | 5.01 0.08 1.37 | 6.40 0.16 1.73 | 15.85 0.40 0.00 | 16.21 0.43 0.00 | 15.70 0.26 0.00 | 10.48 0.16 0.00 |
| BEEBEE_GT_13 23619 | 8.81 0.05 -7.72 | 8.28 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.35 0.05 -7.26 | 13.78 0.35 -7.76 | 19.12 0.64 -7.23 | 12.63 0.20 -8.17 | 14.62 0.31 -8.09 | 14.56 0.27 -8.22 | 14.78 0.29 -8.28 | 13.35 0.19 -8.66 | 11.94 0.12 -9.13 | 10.57 0.04 -9.49 | 10.86 0.04 -9.77 | 12.29 0.04 -11.22 | 13.75 0.08 -11.69 | 17.58 0.28 -11.00 | 18.04 0.36 -9.71 | 24.73 0.68 -8.60 | 23.62 0.66 -7.17 | 22.47 0.74 -6.29 | 17.56 0.58 -6.66 |
| BETHLEHEM___GRP 23843 | 82.16 0.02 -81.10 | 77.44 0.02 -76.39 | 77.25 0.01 -76.20 | 75.37 0.01 -74.85 | 75.06 0.01 -74.01 | 78.15 0.01 -77.10 | 88.14 0.08 -82.40 | 87.71 0.16 -76.30 | 90.91 0.07 -86.59 | 90.43 0.10 -84.11 | 91.29 0.08 -85.13 | 92.07 0.09 -85.77 | 94.39 0.06 -89.82 | 97.09 0.04 -94.36 | 99.23 0.01 -98.18 | 101.85 0.01 -100.79 | 115.13 0.01 -114.08 | 121.50 0.03 -119.49 | 119.66 0.09 -113.27 | 111.61 0.12 -103.51 | 107.43 0.23 -91.75 | 90.98 0.24 -74.96 | 81.68 0.28 -65.97 | 80.83 0.16 -70.35 |
| BETHLEHEM___GS1 323560 | 82.16 0.02 -81.10 | 77.44 0.02 -76.39 | 77.25 0.01 -76.20 | 75.37 0.01 -74.85 | 75.06 0.01 -74.01 | 78.15 0.01 -77.10 | 88.14 0.08 -82.40 | 87.71 0.16 -76.30 | 90.91 0.07 -86.59 | 90.43 0.10 -84.11 | 91.29 0.08 -85.13 | 92.07 0.09 -85.77 | 94.39 0.06 -89.82 | 97.09 0.04 -94.36 | 99.23 0.01 -98.18 | 101.85 0.01 -100.79 | 115.13 0.01 -114.08 | 121.50 0.03 -119.49 | 119.66 0.09 -113.27 | 111.61 0.12 -103.51 | 107.43 0.23 -91.75 | 90.98 0.24 -74.96 | 81.68 0.28 -65.97 | 80.83 0.16 -70.35 |
| BETHLEHEM___GS2 323561 | 82.16 0.02 -81.10 | 77.44 0.02 -76.39 | 77.25 0.01 -76.20 | 75.37 0.01 -74.85 | 75.06 0.01 -74.01 | 78.15 0.01 -77.10 | 88.14 0.08 -82.40 | 87.71 0.16 -76.30 | 90.91 0.07 -86.59 | 90.43 0.10 -84.11 | 91.29 0.08 -85.13 | 92.07 0.09 -85.77 | 94.39 0.06 -89.82 | 97.09 0.04 -94.36 | 99.23 0.01 -98.18 | 101.85 0.01 -100.79 | 115.13 0.01 -114.08 | 121.50 0.03 -119.49 | 119.66 0.09 -113.27 | 111.61 0.12 -103.51 | 107.43 0.23 -91.75 | 90.98 0.24 -74.96 | 81.68 0.28 -65.97 | 80.83 0.16 -70.35 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS3 323562 | 82.16 0.02 -81.10 | 77.44 0.02 -76.39 | 77.25 0.01 -76.20 | 75.37 0.01 -74.85 | 75.06 0.01 -74.01 | 78.15 0.01 -77.10 | 88.14 0.08 -82.40 | 87.71 0.16 -76.30 | 90.91 0.07 -86.59 | 90.43 0.10 -84.11 | 91.29 0.08 -85.13 | 92.07 0.09 -85.77 | 94.39 0.06 -89.82 | 97.09 0.04 -94.36 | 99.23 0.01 -98.18 | 101.85 0.01 -100.79 | 115.13 0.01 -114.08 | 121.50 0.03 -119.49 | 119.66 0.09 -113.27 | 111.61 0.12 -103.51 | 107.43 0.23 -91.75 | 90.98 0.24 -74.96 | 81.68 0.28 -65.97 | 80.83 0.16 -70.35 |
| BETHLEHEM___STEEL 23779 | 10.91 0.10 -9.77 | 10.24 0.10 -9.11 | 10.24 0.10 -9.11 | 9.48 0.04 -8.92 | 9.95 0.10 -8.82 | 10.33 0.10 -9.19 | 16.09 0.60 -9.82 | 21.47 1.08 -9.15 | 14.90 0.34 -10.30 | 16.93 0.52 -10.20 | 16.92 0.49 -10.35 | 17.14 0.49 -10.43 | 15.74 0.33 -10.91 | 14.39 0.20 -11.50 | 13.06 0.07 -11.95 | 13.43 0.08 -12.31 | 15.24 0.07 -14.14 | 16.86 0.15 -14.73 | 20.70 0.53 -13.86 | 20.88 0.67 -12.23 | 27.56 1.27 -10.84 | 26.05 1.23 -9.03 | 24.72 1.36 -7.93 | 19.80 1.04 -8.43 |
| BETHPAGE_CC_5 323564 | 73.38 0.11 -72.23 | 68.61 0.11 -67.46 | 59.55 0.10 -58.41 | 64.18 0.05 -63.61 | 68.17 0.10 -67.04 | 63.22 0.11 -62.08 | 82.58 0.59 -76.31 | 83.95 1.19 -71.51 | 83.90 0.46 -79.18 | 83.93 0.70 -77.01 | 82.34 0.67 -75.60 | 83.14 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.55 0.20 -102.37 | 109.65 0.64 -102.71 | 104.22 0.80 -95.44 | 101.46 1.53 -84.48 | 98.55 1.61 -81.15 | 84.80 1.71 -67.65 | 82.38 1.15 -70.92 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 10.94 0.10 -9.80 | 10.27 0.10 -9.13 | 10.27 0.10 -9.14 | 9.51 0.04 -8.95 | 9.98 0.10 -8.85 | 10.36 0.10 -9.22 | 16.13 0.61 -9.85 | 21.53 1.11 -9.17 | 14.93 0.36 -10.32 | 16.97 0.54 -10.21 | 16.95 0.51 -10.37 | 17.18 0.52 -10.45 | 15.77 0.34 -10.92 | 14.42 0.20 -11.52 | 13.08 0.07 -11.97 | 13.45 0.08 -12.33 | 15.27 0.07 -14.16 | 16.89 0.15 -14.76 | 20.74 0.56 -13.88 | 20.92 0.70 -12.25 | 27.63 1.33 -10.85 | 26.11 1.28 -9.04 | 24.78 1.40 -7.94 | 19.85 1.07 -8.46 |
| BINGHAMTON___COGEN 23790 | 20.31 0.04 -19.23 | 19.00 0.04 -17.92 | 19.02 0.04 -17.94 | 18.10 0.02 -17.56 | 18.44 0.04 -17.37 | 19.17 0.04 -18.09 | 25.27 0.27 -19.33 | 29.77 0.52 -18.00 | 25.43 0.16 -21.01 | 27.26 0.24 -20.80 | 27.42 0.24 -21.11 | 27.74 0.24 -21.28 | 26.92 0.17 -22.24 | 26.26 0.10 -23.46 | 25.46 0.04 -24.38 | 26.19 0.04 -25.11 | 29.91 0.04 -28.84 | 32.11 0.08 -30.05 | 34.85 0.27 -28.28 | 33.27 0.35 -24.95 | 38.25 0.70 -22.10 | 34.88 0.68 -18.42 | 32.26 0.65 -16.17 | 27.37 0.45 -16.60 |
| BLACK RIVER___HYD 24047 | 3.02 0.03 -1.96 | 2.89 0.03 -1.83 | 2.88 0.02 -1.83 | 2.31 0.01 -1.79 | 2.83 0.03 -1.77 | 2.91 0.03 -1.84 | 7.25 0.20 -1.39 | 11.35 0.42 0.31 | 5.94 0.11 -1.58 | 7.35 0.12 -1.01 | 7.28 0.13 -1.08 | 7.23 0.11 -0.91 | 5.94 0.07 -1.36 | 4.66 0.03 -1.94 | 3.40 0.01 -2.36 | 3.48 0.01 -2.43 | 3.89 0.01 -2.85 | 4.77 0.04 -2.75 | 8.24 0.18 -1.77 | 9.39 0.30 -1.11 | 18.35 0.68 -2.22 | 18.30 0.66 -1.85 | 17.54 0.48 -1.62 | 12.30 0.29 -1.69 |
| BLISS_WT_PWR 323608 | 11.24 0.09 -10.11 | 10.54 0.09 -9.42 | 10.55 0.09 -9.43 | 9.78 0.04 -9.23 | 10.25 0.09 -9.13 | 10.64 0.09 -9.51 | 16.34 0.52 -10.16 | 21.56 0.85 -9.46 | 14.98 0.22 -10.51 | 16.96 0.33 -10.41 | 16.90 0.26 -10.57 | 17.14 0.28 -10.65 | 15.77 0.13 -11.13 | 14.52 0.09 -11.74 | 13.27 0.03 -12.20 | 13.66 0.05 -12.57 | 15.50 0.03 -14.43 | 17.09 0.07 -15.04 | 20.74 0.30 -14.15 | 20.86 0.40 -12.48 | 27.21 0.70 -11.06 | 25.90 0.90 -9.22 | 24.87 1.34 -8.09 | 20.09 1.04 -8.72 |
| BLUE_CIRC_CHEM_DRP 24182 | 79.99 0.03 -78.92 | 75.08 0.03 -74.01 | 74.99 0.03 -73.93 | 73.04 0.02 -72.51 | 72.77 0.03 -71.70 | 75.77 0.03 -74.70 | 85.66 0.16 -79.83 | 85.66 0.33 -74.09 | 89.01 0.13 -84.63 | 89.28 0.19 -82.87 | 90.24 0.18 -83.98 | 91.03 0.19 -84.62 | 93.19 0.14 -88.55 | 95.95 0.08 -93.18 | 97.97 0.03 -96.90 | 100.68 0.03 -99.61 | 114.51 0.03 -113.44 | 120.61 0.06 -118.57 | 118.53 0.19 -112.05 | 109.10 0.24 -100.88 | 105.31 0.45 -89.41 | 89.90 0.46 -73.66 | 80.70 0.51 -64.76 | 78.95 0.32 -68.31 |
| BOC_GAS_DRP 24189 | 79.98 0.03 -78.92 | 75.07 0.03 -74.01 | 74.99 0.03 -73.93 | 73.04 0.01 -72.51 | 72.76 0.03 -71.70 | 75.76 0.03 -74.70 | 85.63 0.14 -79.83 | 85.61 0.27 -74.09 | 89.00 0.11 -84.63 | 89.26 0.17 -82.87 | 90.21 0.15 -83.98 | 90.99 0.16 -84.62 | 93.17 0.11 -88.55 | 95.94 0.07 -93.18 | 97.96 0.02 -96.90 | 100.68 0.02 -99.61 | 114.50 0.02 -113.44 | 120.60 0.05 -118.57 | 118.49 0.15 -112.05 | 109.05 0.19 -100.88 | 105.23 0.37 -89.41 | 89.82 0.38 -73.66 | 80.61 0.42 -64.76 | 78.90 0.27 -68.31 |
| BORALEX_4TH_BRANCH 23824 | 83.26 0.05 -82.17 | 79.10 0.05 -78.01 | 78.70 0.04 -77.62 | 76.96 0.02 -76.43 | 76.65 0.04 -75.58 | 79.82 0.05 -78.73 | 90.21 0.33 -84.21 | 89.72 0.62 -77.85 | 92.00 0.25 -87.50 | 90.41 0.34 -83.85 | 91.09 0.35 -84.66 | 91.85 0.36 -85.28 | 94.16 0.26 -89.39 | 96.42 0.15 -93.57 | 98.45 0.06 -97.35 | 100.78 0.06 -99.68 | 112.61 0.06 -111.51 | 119.48 0.12 -117.38 | 118.73 0.38 -112.05 | 113.73 0.49 -105.26 | 109.56 0.96 -93.15 | 91.74 0.98 -74.97 | 82.38 0.85 -66.09 | 82.38 0.50 -71.56 |
| BOWLINE___1 23526 | 58.54 0.07 -57.43 | 54.25 0.07 -53.14 | 54.40 0.06 -53.31 | 52.61 0.03 -52.07 | 52.58 0.06 -51.49 | 54.74 0.07 -53.64 | 63.37 0.38 -57.32 | 65.58 0.77 -53.56 | 66.82 0.30 -62.26 | 69.09 0.48 -62.39 | 70.04 0.50 -63.46 | 70.71 0.52 -63.97 | 71.68 0.38 -66.79 | 73.54 0.22 -70.62 | 74.47 0.09 -73.35 | 76.83 0.09 -75.70 | 88.84 0.08 -87.72 | 93.26 0.15 -91.12 | 92.13 0.48 -85.35 | 82.17 0.61 -73.59 | 81.80 1.16 -65.19 | 72.04 1.22 -55.04 | 64.83 1.14 -48.25 | 60.45 0.75 -49.38 |
| BOWLINE___2 23595 | 58.55 0.07 -57.44 | 54.25 0.07 -53.15 | 54.41 0.06 -53.31 | 52.62 0.03 -52.07 | 52.59 0.06 -51.49 | 54.75 0.07 -53.64 | 63.37 0.38 -57.33 | 65.58 0.77 -53.57 | 66.82 0.30 -62.27 | 69.10 0.48 -62.40 | 70.04 0.50 -63.47 | 70.72 0.52 -63.98 | 71.69 0.38 -66.80 | 73.54 0.22 -70.62 | 74.48 0.09 -73.36 | 76.84 0.09 -75.71 | 88.85 0.08 -87.73 | 93.26 0.15 -91.13 | 92.14 0.48 -85.35 | 82.17 0.61 -73.59 | 81.81 1.16 -65.20 | 72.04 1.22 -55.04 | 64.83 1.14 -48.25 | 60.46 0.75 -49.38 |
| BRANSCOMB___SOLAR 323811 | 88.70 0.05 -87.61 | 83.77 0.05 -82.68 | 83.50 0.04 -82.42 | 81.54 0.02 -81.00 | 81.18 0.05 -80.10 | 84.54 0.05 -83.45 | 95.26 0.34 -89.25 | 94.69 0.66 -82.78 | 98.29 0.27 -93.77 | 97.41 0.33 -90.86 | 98.30 0.32 -91.91 | 99.10 0.29 -92.60 | 101.68 0.22 -96.96 | 104.56 0.13 -101.73 | 106.86 0.06 -105.76 | 109.61 0.06 -108.51 | 123.57 0.06 -122.48 | 130.61 0.12 -128.51 | 128.81 0.39 -122.13 | 120.86 0.51 -112.37 | 115.87 1.00 -99.41 | 97.71 0.98 -80.94 | 87.57 0.88 -71.26 | 86.93 0.54 -76.07 |
| BROOKHAVEN___DRP 24191 | 74.63 0.12 -73.47 | 69.84 0.11 -68.69 | 59.89 0.10 -58.75 | 65.14 0.05 -64.58 | 69.53 0.10 -68.39 | 63.89 0.11 -62.74 | 82.62 0.63 -76.31 | 84.04 1.28 -71.51 | 83.92 0.48 -79.18 | 83.94 0.71 -77.01 | 82.32 0.64 -75.60 | 83.11 0.66 -76.24 | 83.72 0.48 -78.73 | 83.69 0.28 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.68 0.67 -102.71 | 104.26 0.84 -95.44 | 101.57 1.64 -84.48 | 98.64 1.71 -81.15 | 84.92 1.84 -67.65 | 82.42 1.19 -70.92 |
| BROOKLYN_NAVY_YARD 23515 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.00 0.57 -65.36 | 72.69 0.58 -65.89 | 73.71 0.42 -68.79 | 75.67 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.50 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.37 0.65 -75.74 | 83.77 1.22 -67.10 | 73.80 1.34 -56.67 | 66.44 1.33 -49.68 | 62.01 0.87 -50.82 |

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| BROOKLYN___ARMY_DRP 323595 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| BROOME_2_LFGE 323671 | 20.31 0.04 -19.23 | 19.00 0.04 -17.92 | 19.02 0.04 -17.94 | 18.10 0.02 -17.56 | 18.44 0.04 -17.37 | 19.17 0.04 -18.09 | 25.27 0.27 -19.33 | 29.77 0.52 -18.00 | 25.43 0.16 -21.01 | 27.26 0.24 -20.80 | 27.42 0.24 -21.11 | 27.74 0.24 -21.28 | 26.92 0.17 -22.24 | 26.26 0.10 -23.46 | 25.46 0.04 -24.38 | 26.19 0.04 -25.11 | 29.91 0.04 -28.84 | 32.11 0.08 -30.05 | 34.85 0.27 -28.28 | 33.27 0.35 -24.95 | 38.25 0.70 -22.10 | 34.88 0.68 -18.42 | 32.26 0.65 -16.17 | 27.37 0.45 -16.60 |
| BROOME___LFGE 323600 | 20.31 0.04 -19.23 | 19.00 0.04 -17.92 | 19.02 0.04 -17.94 | 18.10 0.02 -17.56 | 18.44 0.04 -17.37 | 19.17 0.04 -18.09 | 25.27 0.27 -19.33 | 29.77 0.52 -18.00 | 25.43 0.16 -21.01 | 27.26 0.24 -20.80 | 27.42 0.24 -21.11 | 27.74 0.24 -21.28 | 26.92 0.17 -22.24 | 26.26 0.10 -23.46 | 25.46 0.04 -24.38 | 26.19 0.04 -25.11 | 29.91 0.04 -28.84 | 32.11 0.08 -30.05 | 34.85 0.27 -28.28 | 33.27 0.35 -24.95 | 38.25 0.70 -22.10 | 34.88 0.68 -18.42 | 32.26 0.65 -16.17 | 27.37 0.45 -16.60 |
| BURROWS___LYONSDAL 23803 | 1.06 0.02 0.00 | 1.05 0.02 0.00 | 1.05 0.01 0.00 | 0.52 0.01 0.00 | 1.05 0.02 0.00 | 1.06 0.02 0.00 | 5.48 0.13 0.32 | 10.36 0.29 1.18 | 4.04 0.08 0.29 | 5.72 0.09 0.59 | 5.63 0.12 0.57 | 5.67 0.11 0.65 | 4.12 0.08 0.47 | 2.52 0.03 0.21 | 1.02 0.01 0.03 | 1.02 0.01 0.03 | 1.05 0.01 0.00 | 1.90 0.04 0.12 | 5.87 0.14 0.57 | 7.47 0.22 0.72 | 15.93 0.48 0.00 | 16.26 0.47 0.00 | 15.74 0.31 0.00 | 10.51 0.19 0.00 |
| CAITHNESS_CC_1 323624 | 74.63 0.12 -73.48 | 69.84 0.11 -68.69 | 59.89 0.10 -58.75 | 65.14 0.05 -64.58 | 69.53 0.10 -68.40 | 63.89 0.11 -62.74 | 82.59 0.61 -76.31 | 84.01 1.25 -71.51 | 83.91 0.47 -79.18 | 83.92 0.69 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.71 0.46 -78.73 | 83.68 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.40 0.11 -95.25 | 104.55 0.20 -102.37 | 109.65 0.64 -102.71 | 104.22 0.81 -95.44 | 101.49 1.56 -84.48 | 98.58 1.64 -81.15 | 84.86 1.77 -67.65 | 82.39 1.16 -70.92 |
| CALPINE BETH_PAGE_GT4 24209 | 72.84 0.11 -71.68 | 68.07 0.11 -66.92 | 59.40 0.10 -58.26 | 63.75 0.05 -63.19 | 67.58 0.10 -66.45 | 62.93 0.11 -61.79 | 82.56 0.58 -76.31 | 83.93 1.17 -71.51 | 83.89 0.46 -79.18 | 83.92 0.69 -77.01 | 82.33 0.66 -75.60 | 83.14 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.39 0.10 -95.25 | 104.55 0.19 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.41 1.48 -84.48 | 98.51 1.58 -81.15 | 84.78 1.70 -67.65 | 82.37 1.14 -70.92 |
| CALPINE_BETH_PAGE_GT_4 323586 | 72.84 0.11 -71.68 | 68.07 0.11 -66.92 | 59.40 0.10 -58.26 | 63.75 0.05 -63.19 | 67.58 0.10 -66.45 | 62.93 0.11 -61.79 | 82.56 0.58 -76.31 | 83.93 1.17 -71.51 | 83.89 0.46 -79.18 | 83.92 0.69 -77.01 | 82.33 0.66 -75.60 | 83.14 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.39 0.10 -95.25 | 104.55 0.19 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.41 1.48 -84.48 | 98.51 1.58 -81.15 | 84.78 1.70 -67.65 | 82.37 1.14 -70.92 |
| CALPINE_BP_GT1 23823 | 72.84 0.11 -71.68 | 68.07 0.11 -66.92 | 59.40 0.10 -58.26 | 63.75 0.05 -63.19 | 67.58 0.10 -66.45 | 62.93 0.11 -61.79 | 82.56 0.58 -76.31 | 83.93 1.17 -71.51 | 83.89 0.46 -79.18 | 83.92 0.69 -77.01 | 82.33 0.66 -75.60 | 83.14 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.39 0.10 -95.25 | 104.55 0.19 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.41 1.48 -84.48 | 98.51 1.58 -81.15 | 84.78 1.70 -67.65 | 82.37 1.14 -70.92 |
| CALSPAN___DRP 24200 | 10.91 0.10 -9.77 | 10.24 0.10 -9.11 | 10.24 0.10 -9.11 | 9.48 0.04 -8.92 | 9.95 0.10 -8.82 | 10.33 0.10 -9.19 | 16.09 0.60 -9.82 | 21.47 1.08 -9.15 | 14.90 0.34 -10.30 | 16.93 0.52 -10.20 | 16.92 0.49 -10.35 | 17.14 0.49 -10.43 | 15.74 0.33 -10.91 | 14.39 0.20 -11.50 | 13.06 0.07 -11.95 | 13.43 0.08 -12.31 | 15.24 0.07 -14.14 | 16.86 0.15 -14.73 | 20.70 0.53 -13.86 | 20.88 0.67 -12.23 | 27.56 1.27 -10.84 | 26.05 1.23 -9.03 | 24.72 1.36 -7.93 | 19.80 1.04 -8.43 |
| CANDIGU_WT_PWR 323617 | 14.36 0.08 -13.25 | 13.46 0.07 -12.35 | 13.47 0.07 -12.36 | 12.65 0.03 -12.10 | 13.07 0.07 -11.96 | 13.58 0.08 -12.46 | 19.44 0.46 -13.32 | 24.47 0.82 -12.40 | 18.69 0.25 -14.19 | 20.63 0.37 -14.04 | 20.68 0.35 -14.26 | 20.93 0.35 -14.37 | 19.76 0.23 -15.02 | 18.67 0.14 -15.84 | 17.55 0.05 -16.46 | 18.05 0.05 -16.96 | 20.55 0.05 -19.47 | 22.38 0.11 -20.29 | 25.78 0.39 -19.09 | 25.32 0.50 -16.84 | 31.40 1.02 -14.92 | 29.23 1.01 -12.44 | 27.42 1.06 -10.92 | 22.54 0.78 -11.43 |
| CARR STREET_E_SYR 24060 | 6.68 0.01 -5.63 | 6.29 0.01 -5.24 | 6.29 0.01 -5.25 | 5.66 0.00 -5.14 | 6.12 0.01 -5.08 | 6.34 0.01 -5.29 | 11.40 0.08 -5.66 | 16.68 0.17 -5.27 | 10.36 0.05 -6.05 | 12.29 0.08 -5.99 | 12.24 0.08 -6.08 | 12.43 0.09 -6.13 | 10.97 0.06 -6.41 | 9.49 0.03 -6.76 | 8.07 0.01 -7.02 | 8.29 0.01 -7.23 | 9.35 0.01 -8.31 | 10.66 0.02 -8.66 | 14.53 0.09 -8.14 | 15.27 0.11 -7.19 | 22.05 0.23 -6.37 | 21.30 0.20 -5.30 | 20.26 0.17 -4.66 | 15.29 0.11 -4.86 |
| CARTHAGE___PAPER 23857 | 2.66 0.02 -1.60 | 2.55 0.02 -1.49 | 2.54 0.01 -1.49 | 1.98 0.01 -1.46 | 2.50 0.02 -1.45 | 2.56 0.02 -1.51 | 6.77 0.14 -0.96 | 10.67 0.30 0.88 | 5.47 0.07 -1.14 | 6.81 0.07 -0.52 | 6.73 0.08 -0.58 | 6.67 0.06 -0.40 | 5.41 0.04 -0.86 | 4.18 0.01 -1.47 | 2.95 0.00 -1.91 | 3.01 0.00 -1.97 | 3.36 0.00 -2.33 | 4.19 0.02 -2.19 | 7.54 0.11 -1.13 | 8.69 0.21 -0.51 | 17.76 0.49 -1.81 | 17.80 0.51 -1.51 | 17.10 0.34 -1.33 | 11.90 0.20 -1.38 |
| CASSADAGA_WT_PWR 323784 | 11.43 0.11 -10.28 | 10.73 0.11 -9.58 | 10.74 0.11 -9.59 | 9.96 0.05 -9.39 | 10.44 0.12 -9.29 | 10.84 0.13 -9.67 | 16.75 0.75 -10.34 | 22.17 1.29 -9.63 | 15.38 0.38 -10.74 | 17.35 0.50 -10.63 | 17.30 0.44 -10.79 | 17.48 0.39 -10.88 | 16.13 0.25 -11.37 | 14.83 0.14 -11.99 | 13.55 0.04 -12.46 | 13.92 0.05 -12.83 | 15.82 0.04 -14.74 | 17.45 0.11 -15.36 | 21.21 0.46 -14.45 | 21.40 0.68 -12.75 | 28.19 1.44 -11.30 | 26.64 1.44 -9.41 | 25.38 1.68 -8.27 | 20.50 1.30 -8.87 |
| CE_DUNWOOD___DRP 24194 | 60.10 0.08 -58.98 | 55.67 0.07 -54.56 | 55.84 0.06 -54.74 | 54.01 0.03 -53.46 | 53.96 0.06 -52.86 | 56.18 0.07 -55.07 | 64.92 0.40 -58.85 | 67.05 0.80 -55.00 | 68.53 0.32 -63.95 | 70.83 0.50 -64.11 | 71.82 0.53 -65.22 | 72.51 0.55 -65.74 | 73.54 0.39 -68.64 | 75.50 0.23 -72.57 | 76.51 0.09 -75.38 | 78.94 0.09 -77.80 | 91.30 0.09 -90.18 | 95.81 0.16 -93.67 | 94.52 0.50 -87.72 | 84.18 0.63 -75.57 | 83.61 1.21 -66.95 | 73.60 1.26 -56.55 | 66.21 1.20 -49.57 | 61.81 0.78 -50.71 |
| CE_MILLWOOD___DRP 24193 | 59.87 0.07 -58.76 | 55.47 0.07 -54.36 | 55.63 0.06 -54.53 | 53.81 0.03 -53.26 | 53.76 0.06 -52.67 | 55.97 0.07 -54.87 | 64.69 0.39 -58.63 | 66.82 0.78 -54.80 | 68.28 0.31 -63.71 | 70.57 0.49 -63.87 | 71.56 0.52 -64.97 | 72.24 0.53 -65.49 | 73.27 0.38 -68.38 | 75.22 0.23 -72.30 | 76.22 0.09 -75.09 | 78.64 0.09 -77.51 | 90.96 0.08 -89.84 | 95.45 0.15 -93.31 | 94.17 0.49 -87.38 | 83.88 0.61 -75.29 | 83.33 1.17 -66.70 | 73.35 1.23 -56.33 | 65.99 1.17 -49.38 | 61.60 0.76 -50.52 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| CE_NYC2_DRP 24202 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.22 0.84 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.52 -87.91 | 84.36 0.65 -75.74 | 83.76 1.21 -67.10 | 73.79 1.33 -56.67 | 66.45 1.33 -49.68 | 62.06 0.92 -50.82 |
| CE_NYC_DRP 24195 | 60.23 0.09 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.57 | 54.08 0.07 -52.98 | 56.30 0.08 -55.19 | 65.07 0.43 -58.98 | 67.24 0.87 -55.12 | 68.69 0.34 -64.09 | 71.02 0.55 -64.25 | 72.02 0.59 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.68 0.26 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.67 -75.74 | 83.81 1.27 -67.09 | 73.83 1.37 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| CHAFFEE__LFGE 323603 | 11.06 0.10 -9.92 | 10.38 0.10 -9.25 | 10.38 0.10 -9.25 | 9.62 0.04 -9.06 | 10.09 0.10 -8.96 | 10.47 0.10 -9.33 | 16.25 0.61 -9.97 | 21.65 1.11 -9.29 | 15.00 0.35 -10.39 | 17.04 0.53 -10.29 | 17.02 0.50 -10.45 | 17.25 0.50 -10.53 | 15.84 0.33 -11.00 | 14.50 0.20 -11.61 | 13.17 0.07 -12.06 | 13.54 0.08 -12.42 | 15.37 0.07 -14.27 | 17.00 0.15 -14.87 | 20.83 0.55 -13.99 | 21.01 0.69 -12.34 | 27.69 1.30 -10.93 | 26.16 1.26 -9.11 | 24.84 1.40 -8.00 | 19.95 1.06 -8.56 |
| CHATEAUG_WT_PWR 323614 | 0.96 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.98 -0.06 0.00 | 2.87 -0.36 2.43 | 1.50 -0.78 8.97 | 1.77 -0.30 2.19 | 1.31 -0.44 4.47 | 1.29 -0.45 4.33 | 0.74 -0.51 4.97 | 0.00 -0.38 4.12 | 0.88 -0.22 1.59 | 0.00 -0.09 0.95 | 0.00 -0.09 0.95 | 0.96 -0.08 0.00 | 0.92 -0.16 0.91 | 1.29 -0.47 4.53 | 1.65 -0.57 5.75 | 14.48 -0.97 0.00 | 14.84 -0.95 0.00 | 14.59 -0.85 0.00 | 9.80 -0.53 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.06 0.00 | 0.49 -0.03 0.00 | 0.98 -0.06 0.00 | 0.98 -0.06 0.00 | 2.92 -0.36 2.39 | 1.69 -0.75 8.80 | 1.82 -0.29 2.15 | 1.40 -0.43 4.39 | 1.37 -0.45 4.25 | 0.85 0.49 4.88 | 0.15 -0.37 4.00 | 0.92 -0.21 1.56 | 0.08 -0.08 0.88 | 0.08 -0.08 0.88 | 0.96 -0.08 0.00 | 0.94 -0.15 0.89 | 1.40 -0.45 4.45 | 1.79 -0.54 5.64 | 14.49 -0.96 0.00 | 14.87 -0.92 0.00 | 14.57 -0.86 0.00 | 9.78 -0.54 0.00 |
| CHAUTAUQUA__LFGE 323629 | 11.34 0.11 -10.20 | 10.65 0.11 -9.50 | 10.65 0.11 -9.51 | 9.88 0.05 -9.31 | 10.35 0.11 -9.21 | 10.75 0.12 -9.59 | 16.60 0.69 -10.25 | 22.02 1.23 -9.54 | 15.35 0.38 -10.71 | 17.37 0.55 -10.60 | 17.34 0.50 -10.76 | 17.55 0.49 -10.85 | 16.17 0.32 -11.34 | 14.85 0.19 -11.96 | 13.53 0.07 -12.43 | 13.91 0.07 -12.80 | 15.80 0.06 -14.70 | 17.44 0.14 -15.32 | 21.25 0.53 -14.41 | 21.40 0.71 -12.72 | 28.12 1.41 -11.27 | 26.56 1.39 -9.39 | 25.22 1.54 -8.24 | 20.30 1.18 -8.80 |
| CH_MIDHUDSON__DRP 24192 | 61.46 0.07 -60.36 | 56.97 0.07 -55.87 | 57.13 0.06 -56.03 | 55.28 0.03 -54.74 | 55.22 0.06 -54.13 | 57.49 0.06 -56.39 | 66.30 0.37 -60.26 | 68.28 0.73 -56.30 | 69.96 0.29 -65.41 | 72.19 0.45 -65.51 | 73.18 0.48 -66.63 | 73.89 0.50 -67.17 | 75.00 0.36 -70.13 | 77.05 0.22 -74.14 | 78.13 0.08 -77.01 | 80.60 0.08 -79.47 | 93.17 0.08 -92.05 | 97.76 0.15 -95.63 | 96.36 0.47 -89.59 | 85.89 0.59 -77.33 | 85.10 1.14 -68.51 | 74.74 1.15 -57.80 | 67.21 1.10 -50.68 | 62.94 0.71 -51.90 |
| CH_MISC_IPPS 23765 | 60.53 0.08 -59.41 | 56.11 0.07 -55.00 | 56.26 0.07 -55.16 | 54.44 0.03 -53.89 | 54.39 0.06 -53.29 | 56.62 0.07 -55.51 | 65.40 0.41 -59.33 | 67.47 0.80 -55.42 | 68.96 0.31 -64.39 | 71.18 0.49 -64.47 | 72.15 0.51 -65.57 | 72.85 0.54 -66.10 | 73.92 0.39 -69.02 | 75.89 0.23 -72.96 | 76.91 0.09 -75.78 | 79.33 0.09 -78.20 | 91.69 0.09 -90.57 | 96.24 0.16 -94.10 | 94.97 0.52 -88.16 | 84.73 0.64 -76.12 | 84.14 1.25 -67.44 | 73.92 1.25 -56.89 | 66.48 1.17 -49.88 | 62.19 0.77 -51.09 |
| CH_RES_BVR_FALLS 23983 | -2.82 -0.02 3.84 | -2.48 -0.02 3.49 | -2.51 -0.02 3.52 | -2.92 -0.01 3.42 | -2.37 -0.02 3.38 | -2.51 -0.03 3.53 | 2.84 -0.15 2.68 | 11.41 -0.30 -0.46 | 0.93 -0.11 3.21 | 3.74 -0.17 2.31 | 3.44 -0.16 2.47 | 3.83 -0.17 2.22 | 1.25 -0.12 3.14 | -1.58 -0.07 4.21 | -4.09 -0.03 5.10 | -4.28 -0.03 5.29 | -5.24 -0.02 6.25 | -4.10 -0.04 6.04 | 2.58 -0.13 3.58 | 5.93 -0.17 1.87 | 10.80 -0.31 4.34 | 11.73 -0.28 3.77 | 11.88 -0.26 3.30 | 6.89 -0.15 3.27 |
| CH_RES_NIAGARA 23895 | 10.47 0.07 -9.36 | 9.83 0.07 -8.72 | 9.83 0.07 -8.73 | 9.09 0.03 -8.54 | 9.55 0.07 -8.45 | 9.91 0.07 -8.80 | 15.50 0.43 -9.41 | 20.73 0.72 -8.76 | 14.34 0.21 -9.87 | 16.32 0.33 -9.77 | 16.29 0.30 -9.92 | 16.51 0.30 -10.00 | 15.15 0.19 -10.45 | 13.84 0.12 -11.02 | 12.54 0.04 -11.46 | 12.88 0.04 -11.80 | 14.62 0.04 -13.55 | 16.18 0.08 -14.12 | 19.89 0.31 -13.29 | 20.07 0.37 -11.72 | 26.50 0.66 -10.39 | 25.07 0.63 -8.65 | 23.84 0.80 -7.60 | 19.09 0.69 -8.07 |
| CH_RES_SYRACUSE 23985 | 7.41 0.01 -6.35 | 6.97 0.01 -5.92 | 6.97 0.01 -5.93 | 6.32 0.00 -5.80 | 6.78 0.01 -5.74 | 7.03 0.01 -5.98 | 12.16 0.10 -6.39 | 17.41 0.21 -5.95 | 11.15 0.07 -6.83 | 13.08 0.11 -6.76 | 13.05 0.12 -6.86 | 13.25 0.12 -6.91 | 11.82 0.08 -7.23 | 10.36 0.05 -7.62 | 8.98 0.02 -7.92 | 9.22 0.02 -8.16 | 10.42 0.02 -9.37 | 11.78 0.03 -9.76 | 15.60 0.11 -9.19 | 16.22 0.14 -8.11 | 22.94 0.31 -7.18 | 22.05 0.28 -5.98 | 20.94 0.25 -5.25 | 15.96 0.16 -5.48 |
| CLINTON_WT_PWR 323605 | 0.96 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.98 -0.06 0.00 | 2.87 -0.36 2.43 | 1.50 -0.78 8.97 | 1.77 -0.30 2.19 | 1.31 -0.44 4.47 | 1.29 -0.45 4.33 | 0.74 -0.51 4.97 | 0.00 -0.38 4.12 | 0.88 -0.22 1.59 | 0.00 -0.09 0.95 | 0.00 -0.09 0.95 | 0.96 -0.08 0.00 | 0.92 -0.16 0.91 | 1.29 -0.47 4.53 | 1.65 -0.57 5.75 | 14.48 -0.97 0.00 | 14.84 -0.95 0.00 | 14.59 -0.85 0.00 | 9.80 -0.53 0.00 |
| CLINTON__LFGE 323618 | 0.96 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.98 -0.06 0.00 | 2.91 -0.34 2.42 | 1.59 -0.73 8.93 | 1.79 -0.29 2.18 | 1.34 -0.43 4.45 | 1.31 -0.46 4.31 | 0.77 -0.50 4.95 | 0.04 -0.38 4.09 | 0.89 -0.22 1.59 | 0.02 -0.08 0.93 | 0.02 -0.09 0.93 | 0.96 -0.08 0.00 | 0.93 -0.15 0.90 | 1.36 -0.42 4.51 | 1.75 -0.50 5.72 | 14.60 -0.85 0.00 | 14.96 -0.82 0.00 | 14.66 -0.77 0.00 | 9.86 -0.46 0.00 |
| COLONIE_LFGE__ 323577 | 86.30 0.04 -85.21 | 81.61 0.04 -80.53 | 81.32 0.04 -80.25 | 79.43 0.02 -78.90 | 79.09 0.04 -78.02 | 82.36 0.04 -81.28 | 92.87 0.28 -86.93 | 92.34 0.53 -80.56 | 95.53 0.21 -91.07 | 94.52 0.29 -88.01 | 95.34 0.28 -88.99 | 96.14 0.27 -89.66 | 98.61 0.20 -93.90 | 101.28 0.12 -98.46 | 103.48 0.05 -102.39 | 106.09 0.05 -105.00 | 119.37 0.05 -118.28 | 126.27 0.10 -124.19 | 124.76 0.32 -118.14 | 117.62 0.41 -109.23 | 112.91 0.82 -96.64 | 95.06 0.80 -78.47 | 85.28 0.74 -69.11 | 84.80 0.43 -74.04 |
| COPENHAGEN_WT_PWR 323753 | 3.02 0.03 -1.96 | 2.89 0.03 -1.83 | 2.88 0.02 -1.83 | 2.31 0.01 -1.79 | 2.83 0.02 -1.77 | 2.91 0.03 -1.84 | 7.25 0.19 -1.39 | 11.35 0.42 0.31 | 5.94 0.10 -1.58 | 7.35 0.11 -1.01 | 7.28 0.12 -1.08 | 7.23 0.10 -0.91 | 5.93 0.07 -1.36 | 4.66 0.03 -1.94 | 3.40 0.01 -2.36 | 3.48 0.01 -2.43 | 3.89 0.01 -2.85 | 4.77 0.04 -2.75 | 8.23 0.17 -1.77 | 9.38 0.30 -1.11 | 18.33 0.66 -2.22 | 18.28 0.65 -1.85 | 17.54 0.48 -1.62 | 12.29 0.28 -1.69 |

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| CORNELL____ 23752 | 14.49 0.05 -13.40 | 13.57 0.04 -12.49 | 13.58 0.04 -12.50 | 12.77 0.02 -12.24 | 13.18 0.04 -12.10 | 13.69 0.05 -12.61 | 19.44 0.29 -13.48 | 24.37 0.57 -12.55 | 18.91 0.18 -14.48 | 20.80 0.25 -14.33 | 20.87 0.25 -14.55 | 21.13 0.25 -14.67 | 20.01 0.17 -15.33 | 18.97 0.10 -16.17 | 17.88 0.04 -16.80 | 18.39 0.04 -17.31 | 20.95 0.04 -19.87 | 22.78 0.09 -20.71 | 26.10 0.31 -19.49 | 25.58 0.41 -17.19 | 31.52 0.83 -15.23 | 29.28 0.80 -12.69 | 27.31 0.73 -11.15 | 22.37 0.49 -11.57 |
| COXSACKIE____GT 23611 | 73.69 0.04 -72.61 | 69.04 0.04 -67.96 | 69.00 0.04 -67.92 | 67.12 0.02 -66.58 | 66.91 0.04 -65.84 | 69.67 0.04 -68.59 | 79.18 0.21 -73.30 | 79.70 0.35 -68.10 | 82.35 0.11 -77.98 | 82.96 0.12 -76.62 | 83.77 0.01 -77.69 | 84.52 0.02 -78.28 | 86.42 0.02 -81.89 | 88.94 0.01 -86.23 | 90.70 0.00 -89.66 | 93.27 0.00 -92.22 | 106.34 0.01 -105.30 | 111.97 0.03 -109.96 | 110.19 0.12 -103.77 | 100.98 0.16 -92.85 | 98.10 0.37 -82.28 | 84.09 0.28 -68.02 | 75.77 0.55 -59.78 | 73.47 0.36 -62.79 |
| CPV_VALLEY____CC1 323721 | 52.72 0.06 -51.62 | 48.89 0.06 -47.80 | 49.02 0.05 -47.93 | 47.37 0.03 -46.83 | 47.39 0.05 -46.31 | 49.33 0.06 -48.24 | 57.54 0.32 -51.55 | 60.05 0.64 -48.16 | 60.44 0.25 -55.93 | 62.59 0.39 -55.98 | 63.42 0.41 -56.93 | 64.03 0.43 -57.39 | 64.75 0.31 -59.93 | 66.22 0.18 -63.34 | 66.91 0.07 -65.80 | 69.01 0.07 -67.90 | 79.71 0.07 -78.60 | 83.78 0.13 -81.68 | 83.23 0.40 -76.53 | 74.62 0.51 -66.14 | 75.02 0.97 -58.59 | 66.20 1.01 -49.40 | 59.71 0.96 -43.32 | 55.35 0.63 -44.40 |
| CPV_VALLEY____CC2 323722 | 52.72 0.06 -51.62 | 48.89 0.06 -47.80 | 49.02 0.05 -47.93 | 47.37 0.03 -46.83 | 47.39 0.05 -46.31 | 49.33 0.06 -48.24 | 57.54 0.32 -51.55 | 60.05 0.64 -48.16 | 60.44 0.25 -55.93 | 62.59 0.39 -55.98 | 63.42 0.41 -56.93 | 64.03 0.43 -57.39 | 64.75 0.31 -59.93 | 66.22 0.18 -63.34 | 66.91 0.07 -65.80 | 69.01 0.07 -67.90 | 79.71 0.07 -78.60 | 83.78 0.13 -81.68 | 83.23 0.40 -76.53 | 74.62 0.51 -66.14 | 75.02 0.97 -58.59 | 66.20 1.01 -49.40 | 59.71 0.96 -43.32 | 55.35 0.63 -44.40 |
| CRESCENT____HYD 24018 | 86.30 0.04 -85.21 | 81.61 0.04 -80.53 | 81.32 0.04 -80.25 | 79.43 0.02 -78.90 | 79.09 0.04 -78.02 | 82.36 0.04 -81.28 | 92.87 0.28 -86.93 | 92.34 0.53 -80.56 | 95.53 0.21 -91.07 | 94.52 0.29 -88.01 | 95.34 0.28 -88.99 | 96.14 0.27 -89.66 | 98.61 0.20 -93.90 | 101.28 0.12 -98.46 | 103.48 0.05 -102.39 | 106.09 0.05 -105.00 | 119.37 0.05 -118.28 | 126.27 0.10 -124.19 | 124.76 0.32 -118.14 | 117.62 0.41 -109.23 | 112.91 0.82 -96.64 | 95.06 0.80 -78.47 | 85.28 0.74 -69.11 | 84.80 0.43 -74.04 |
| CRICKET____VALLEY_CC1 323756 | 58.87 0.05 -57.78 | 58.88 0.05 -57.79 | 57.68 0.04 -56.61 | 57.16 0.02 -56.62 | 57.07 0.04 -55.99 | 59.42 0.05 -58.33 | 68.28 0.28 -62.34 | 67.82 0.55 -56.03 | 63.37 0.22 -58.90 | 57.06 0.35 -50.49 | 56.45 0.38 -50.00 | 56.83 0.39 -50.22 | 58.11 0.28 -53.32 | 57.30 0.17 -54.44 | 58.11 0.06 -57.01 | 58.20 0.06 -57.09 | 58.53 0.06 -57.43 | 65.04 0.11 -62.94 | 69.96 0.36 -63.30 | 81.81 0.44 -73.40 | 81.47 0.85 -65.17 | 63.66 0.88 -46.99 | 58.26 0.83 -41.99 | 62.54 0.54 -51.68 |
| CRICKET____VALLEY_CC2 323757 | 58.87 0.05 -57.78 | 58.88 0.05 -57.79 | 57.68 0.04 -56.61 | 57.16 0.02 -56.62 | 57.07 0.04 -55.99 | 59.42 0.05 -58.33 | 68.28 0.28 -62.34 | 67.82 0.55 -56.03 | 63.37 0.22 -58.90 | 57.06 0.35 -50.49 | 56.45 0.38 -50.00 | 56.83 0.39 -50.22 | 58.11 0.28 -53.32 | 57.30 0.17 -54.44 | 58.11 0.06 -57.01 | 58.20 0.06 -57.09 | 58.53 0.06 -57.43 | 65.04 0.11 -62.94 | 69.96 0.36 -63.30 | 81.81 0.44 -73.40 | 81.47 0.85 -65.17 | 63.66 0.88 -46.99 | 58.26 0.83 -41.99 | 62.54 0.54 -51.68 |
| CRICKET____VALLEY_CC3 323758 | 58.87 0.05 -57.78 | 58.88 0.05 -57.79 | 57.68 0.04 -56.61 | 57.16 0.02 -56.62 | 57.07 0.04 -55.99 | 59.42 0.05 -58.33 | 68.28 0.28 -62.34 | 67.82 0.55 -56.03 | 63.37 0.22 -58.90 | 57.06 0.35 -50.49 | 56.45 0.38 -50.00 | 56.83 0.39 -50.22 | 58.11 0.28 -53.32 | 57.30 0.17 -54.44 | 58.11 0.06 -57.01 | 58.20 0.06 -57.09 | 58.53 0.06 -57.43 | 65.04 0.11 -62.94 | 69.96 0.36 -63.30 | 81.81 0.44 -73.40 | 81.47 0.85 -65.17 | 63.66 0.88 -46.99 | 58.26 0.83 -41.99 | 62.54 0.54 -51.68 |
| CRUCIBLE_METL_DRP 24180 | 7.41 0.01 -6.35 | 6.97 0.01 -5.92 | 6.97 0.01 -5.93 | 6.32 0.00 -5.80 | 6.78 0.01 -5.74 | 7.03 0.01 -5.98 | 12.16 0.10 -6.39 | 17.41 0.21 -5.95 | 11.15 0.07 -6.83 | 13.08 0.11 -6.76 | 13.05 0.12 -6.86 | 13.25 0.12 -6.91 | 11.82 0.08 -7.23 | 10.36 0.05 -7.62 | 8.98 0.02 -7.92 | 9.22 0.02 -8.16 | 10.42 0.02 -9.37 | 11.78 0.03 -9.76 | 15.60 0.11 -9.19 | 16.22 0.14 -8.11 | 22.94 0.31 -7.18 | 22.05 0.28 -5.98 | 20.94 0.25 -5.25 | 15.96 0.16 -5.48 |
| DAHOWA____HYDRO 323763 | 89.09 0.05 -88.00 | 84.11 0.05 -83.02 | 83.85 0.04 -82.77 | 81.88 0.02 -81.34 | 81.52 0.05 -80.43 | 84.89 0.05 -83.79 | 95.64 0.35 -89.62 | 95.07 0.69 -83.14 | 98.75 0.28 -94.21 | 97.89 0.34 -91.34 | 98.79 0.32 -92.40 | 99.59 0.27 -93.10 | 102.19 0.22 -97.47 | 105.10 0.13 -102.27 | 107.42 0.06 -106.33 | 110.20 0.06 -109.10 | 124.28 0.06 -123.19 | 131.35 0.12 -129.24 | 129.50 0.40 -122.80 | 121.39 0.53 -112.88 | 116.37 1.05 -99.87 | 98.15 1.01 -81.35 | 87.94 0.89 -71.61 | 87.27 0.55 -76.40 |
| DANC____LFGE 323619 | 3.02 0.02 -1.96 | 2.88 0.02 -1.83 | 2.88 0.02 -1.83 | 2.31 0.01 -1.79 | 2.83 0.02 -1.77 | 2.91 0.03 -1.84 | 7.24 0.18 -1.39 | 11.32 0.38 0.31 | 5.93 0.09 -1.58 | 7.33 0.10 -1.01 | 7.26 0.10 -1.08 | 7.21 0.08 -0.91 | 5.92 0.05 -1.36 | 4.65 0.02 -1.94 | 3.40 0.00 -2.36 | 3.47 0.00 -2.43 | 3.89 0.00 -2.85 | 4.76 0.03 -2.75 | 8.21 0.15 -1.77 | 9.35 0.26 -1.11 | 18.29 0.62 -2.22 | 18.23 0.60 -1.85 | 17.49 0.43 -1.62 | 12.27 0.26 -1.69 |
| DANSKAMMER____1 23586 | 60.53 0.08 -59.41 | 56.11 0.07 -55.00 | 56.26 0.07 -55.16 | 54.44 0.03 -53.89 | 54.39 0.06 -53.29 | 56.62 0.07 -55.51 | 65.40 0.41 -59.33 | 67.47 0.80 -55.42 | 68.96 0.31 -64.39 | 71.18 0.49 -64.47 | 72.15 0.51 -65.57 | 72.85 0.54 -66.10 | 73.92 0.39 -69.02 | 75.89 0.23 -72.96 | 76.91 0.09 -75.78 | 79.33 0.09 -78.20 | 91.69 0.09 -90.57 | 96.24 0.16 -94.10 | 94.97 0.52 -88.16 | 84.73 0.64 -76.12 | 84.14 1.25 -67.44 | 73.92 1.25 -56.89 | 66.48 1.17 -49.88 | 62.19 0.77 -51.09 |
| DANSKAMMER____2 23589 | 60.53 0.08 -59.41 | 56.11 0.07 -55.00 | 56.26 0.07 -55.16 | 54.44 0.03 -53.89 | 54.39 0.06 -53.29 | 56.62 0.07 -55.51 | 65.40 0.41 -59.33 | 67.47 0.80 -55.42 | 68.96 0.31 -64.39 | 71.18 0.49 -64.47 | 72.15 0.51 -65.57 | 72.85 0.54 -66.10 | 73.92 0.39 -69.02 | 75.89 0.23 -72.96 | 76.91 0.09 -75.78 | 79.33 0.09 -78.20 | 91.69 0.09 -90.57 | 96.24 0.16 -94.10 | 94.97 0.52 -88.16 | 84.73 0.64 -76.12 | 84.14 1.25 -67.44 | 73.92 1.25 -56.89 | 66.48 1.17 -49.88 | 62.19 0.77 -51.09 |
| DANSKAMMER____3 23590 | 60.53 0.08 -59.41 | 56.11 0.07 -55.00 | 56.26 0.07 -55.16 | 54.44 0.03 -53.89 | 54.39 0.06 -53.29 | 56.62 0.07 -55.51 | 65.40 0.41 -59.33 | 67.47 0.80 -55.42 | 68.96 0.31 -64.39 | 71.18 0.49 -64.47 | 72.15 0.51 -65.57 | 72.85 0.54 -66.10 | 73.92 0.39 -69.02 | 75.89 0.23 -72.96 | 76.91 0.09 -75.78 | 79.33 0.09 -78.20 | 91.69 0.09 -90.57 | 96.24 0.16 -94.10 | 94.97 0.52 -88.16 | 84.73 0.64 -76.12 | 84.14 1.25 -67.44 | 73.92 1.25 -56.89 | 66.48 1.17 -49.88 | 62.19 0.77 -51.09 |
| DANSKAMMER____4 23591 | 60.53 0.08 -59.41 | 56.11 0.07 -55.00 | 56.26 0.07 -55.16 | 54.44 0.03 -53.89 | 54.39 0.06 -53.29 | 56.62 0.07 -55.51 | 65.40 0.41 -59.33 | 67.47 0.80 -55.42 | 68.96 0.31 -64.39 | 71.18 0.49 -64.47 | 72.15 0.51 -65.57 | 72.85 0.54 -66.10 | 73.92 0.39 -69.02 | 75.89 0.23 -72.96 | 76.91 0.09 -75.78 | 79.33 0.09 -78.20 | 91.69 0.09 -90.57 | 96.24 0.16 -94.10 | 94.97 0.52 -88.16 | 84.73 0.64 -76.12 | 84.14 1.25 -67.44 | 73.92 1.25 -56.89 | 66.48 1.17 -49.88 | 62.19 0.77 -51.09 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___DIESEL 23592 | 60.53 0.08 -59.41 | 56.11 0.07 -55.00 | 56.26 0.07 -55.16 | 54.44 0.03 -53.89 | 54.39 0.06 -53.29 | 56.62 0.07 -55.51 | 65.40 0.41 -59.33 | 67.47 0.80 -55.42 | 68.96 0.31 -64.39 | 71.18 0.49 -64.47 | 72.15 0.51 -65.57 | 72.85 0.54 -66.10 | 73.92 0.39 -69.02 | 75.89 0.23 -72.96 | 76.91 0.09 -75.78 | 79.33 0.09 -78.20 | 91.69 0.09 -90.57 | 96.24 0.16 -94.10 | 94.97 0.52 -88.16 | 84.73 0.64 -76.12 | 84.14 1.25 -67.44 | 73.92 1.25 -56.89 | 66.48 1.17 -49.88 | 62.19 0.77 -51.09 |
| DASHVILLE___HYD 23610 | 63.58 0.07 -62.47 | 59.17 0.07 -58.07 | 59.26 0.06 -58.17 | 57.44 0.03 -56.89 | 57.35 0.06 -56.26 | 59.71 0.06 -58.61 | 68.64 0.33 -62.63 | 70.29 0.65 -58.40 | 71.99 0.25 -67.49 | 73.73 0.40 -67.11 | 74.71 0.46 -68.18 | 75.42 0.48 -68.72 | 76.66 0.35 -71.81 | 78.70 0.21 -75.80 | 79.88 0.08 -78.76 | 82.31 0.08 -81.19 | 94.66 0.08 -93.55 | 99.49 0.14 -97.37 | 98.22 0.47 -91.46 | 88.54 0.57 -79.99 | 87.44 1.11 -70.87 | 76.29 1.15 -59.35 | 68.55 1.03 -52.08 | 64.87 0.71 -53.84 |
| DELAWARE___LFGE 323621 | 24.68 0.04 -23.60 | 23.07 0.04 -21.99 | 23.09 0.04 -22.01 | 22.09 0.02 -21.55 | 22.39 0.05 -21.31 | 23.28 0.05 -22.20 | 29.65 0.26 -23.72 | 33.86 0.53 -22.09 | 30.00 0.19 -25.56 | 31.80 0.28 -25.30 | 32.04 0.29 -25.68 | 32.39 0.29 -25.88 | 31.77 0.21 -27.06 | 31.35 0.12 -28.54 | 30.74 0.04 -29.66 | 31.63 0.04 -30.54 | 36.15 0.04 -35.07 | 38.62 0.09 -36.55 | 40.98 0.29 -34.40 | 38.69 0.37 -30.34 | 43.08 0.74 -26.89 | 38.92 0.73 -22.41 | 35.79 0.68 -19.67 | 31.14 0.45 -20.36 |
| DOGLEVILLE___HYD 23807 | 1.05 0.01 0.00 | 1.04 0.01 0.00 | 1.04 0.01 0.00 | 0.52 0.00 0.00 | 1.04 0.01 0.00 | 1.04 0.01 0.00 | 5.80 0.05 -0.08 | 11.62 0.07 -0.31 | 4.34 0.01 -0.08 | 6.39 0.01 -0.15 | 6.28 0.05 -0.15 | 6.44 0.05 -0.17 | 4.66 0.04 -0.11 | 2.77 0.02 -0.05 | 1.05 0.01 0.00 | 1.05 0.01 0.00 | 1.04 0.00 0.00 | 2.03 0.01 -0.03 | 6.55 0.06 -0.20 | 8.33 0.10 -0.26 | 15.68 0.23 0.00 | 16.04 0.25 0.00 | 15.61 0.17 0.00 | 10.46 0.13 0.00 |
| DUNKIRK___1 23563 | 11.33 0.11 -10.19 | 10.63 0.10 -9.49 | 10.64 0.10 -9.50 | 9.87 0.05 -9.30 | 10.34 0.11 -9.20 | 10.73 0.11 -9.58 | 16.58 0.67 -10.24 | 21.99 1.20 -9.53 | 15.34 0.38 -10.71 | 17.37 0.55 -10.60 | 17.34 0.51 -10.76 | 17.56 0.50 -10.84 | 16.18 0.33 -11.33 | 14.85 0.20 -11.95 | 13.53 0.07 -12.42 | 13.91 0.07 -12.80 | 15.80 0.07 -14.69 | 17.44 0.14 -15.31 | 21.25 0.54 -14.41 | 21.40 0.71 -12.71 | 28.11 1.39 -11.26 | 26.53 1.36 -9.39 | 25.17 1.50 -8.24 | 20.26 1.15 -8.79 |
| DUNKIRK___2 23564 | 11.33 0.11 -10.19 | 10.63 0.10 -9.49 | 10.64 0.10 -9.50 | 9.87 0.05 -9.30 | 10.34 0.11 -9.20 | 10.73 0.11 -9.58 | 16.58 0.67 -10.24 | 21.99 1.20 -9.53 | 15.34 0.38 -10.71 | 17.37 0.55 -10.60 | 17.34 0.51 -10.76 | 17.56 0.50 -10.84 | 16.18 0.33 -11.33 | 14.85 0.20 -11.95 | 13.53 0.07 -12.42 | 13.91 0.07 -12.80 | 15.80 0.07 -14.69 | 17.44 0.14 -15.31 | 21.25 0.54 -14.41 | 21.40 0.71 -12.71 | 28.11 1.39 -11.26 | 26.53 1.36 -9.39 | 25.17 1.50 -8.24 | 20.26 1.15 -8.79 |
| DUNKIRK___3 23565 | 11.26 0.10 -10.12 | 10.57 0.10 -9.43 | 10.57 0.10 -9.44 | 9.80 0.05 -9.24 | 10.27 0.10 -9.14 | 10.66 0.10 -9.52 | 16.46 0.62 -10.17 | 21.83 1.11 -9.47 | 15.29 0.35 -10.68 | 17.32 0.52 -10.57 | 17.30 0.49 -10.74 | 17.52 0.49 -10.82 | 16.14 0.32 -11.31 | 14.82 0.19 -11.93 | 13.50 0.07 -12.40 | 13.88 0.07 -12.77 | 15.76 0.07 -14.66 | 17.40 0.14 -15.28 | 21.20 0.52 -14.38 | 21.33 0.67 -12.68 | 27.97 1.28 -11.24 | 26.41 1.26 -9.37 | 25.06 1.40 -8.22 | 20.13 1.07 -8.73 |
| DUNKIRK___4 23566 | 11.26 0.10 -10.12 | 10.57 0.10 -9.43 | 10.57 0.10 -9.44 | 9.80 0.05 -9.24 | 10.27 0.10 -9.14 | 10.66 0.10 -9.52 | 16.46 0.62 -10.17 | 21.83 1.11 -9.47 | 15.29 0.35 -10.68 | 17.32 0.52 -10.57 | 17.30 0.49 -10.74 | 17.52 0.49 -10.82 | 16.14 0.32 -11.31 | 14.82 0.19 -11.93 | 13.50 0.07 -12.40 | 13.88 0.07 -12.77 | 15.76 0.07 -14.66 | 17.40 0.14 -15.28 | 21.20 0.52 -14.38 | 21.33 0.67 -12.68 | 27.97 1.28 -11.24 | 26.41 1.26 -9.37 | 25.06 1.40 -8.22 | 20.13 1.07 -8.73 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.95 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.06 0.41 -58.98 | 67.19 0.82 -55.12 | 68.67 0.33 -64.09 | 70.99 0.52 -64.25 | 71.98 0.55 -65.36 | 72.66 0.56 -65.89 | 73.70 0.41 -68.79 | 75.67 0.24 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.72 0.52 -87.91 | 84.36 0.65 -75.74 | 83.79 1.24 -67.10 | 73.75 1.29 -56.67 | 66.35 1.24 -49.68 | 61.94 0.81 -50.82 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 58.93 0.07 -57.82 | 54.64 0.07 -53.54 | 54.79 0.06 -53.69 | 53.00 0.03 -52.45 | 52.96 0.06 -51.87 | 55.14 0.07 -54.03 | 63.79 0.38 -57.75 | 65.93 0.74 -53.94 | 67.19 0.29 -62.64 | 69.38 0.45 -62.70 | 70.31 0.47 -63.76 | 70.99 0.50 -64.28 | 71.99 0.36 -67.12 | 73.85 0.21 -70.94 | 74.81 0.08 -73.69 | 77.17 0.08 -76.04 | 89.15 0.08 -88.04 | 93.61 0.15 -91.48 | 92.49 0.48 -85.72 | 82.64 0.60 -74.07 | 82.23 1.16 -65.62 | 72.30 1.18 -55.33 | 65.06 1.11 -48.52 | 60.77 0.72 -49.73 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.07 0.42 -58.98 | 67.16 0.79 -55.13 | 68.65 0.31 -64.09 | 70.97 0.50 -64.25 | 71.96 0.53 -65.35 | 72.64 0.55 -65.88 | 73.69 0.40 -68.78 | 75.66 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.50 0.09 -90.37 | 96.00 0.15 -93.87 | 94.69 0.48 -87.90 | 84.31 0.60 -75.73 | 83.64 1.10 -67.09 | 73.72 1.26 -56.67 | 66.45 1.33 -49.68 | 62.11 0.97 -50.82 |
| EAST HAMPTON___GT 23717 | 74.67 0.16 -73.47 | 69.88 0.15 -68.69 | 59.93 0.14 -58.75 | 65.16 0.07 -64.57 | 69.57 0.14 -68.39 | 63.93 0.15 -62.74 | 82.84 0.86 -76.31 | 84.55 1.79 -71.51 | 84.12 0.68 -79.18 | 84.20 0.96 -77.01 | 82.55 0.88 -75.60 | 83.35 0.90 -76.24 | 83.90 0.66 -78.73 | 83.79 0.38 -80.71 | 84.54 0.15 -83.35 | 84.63 0.15 -83.44 | 96.44 0.15 -95.25 | 104.64 0.29 -102.37 | 109.95 0.94 -102.71 | 104.60 1.18 -95.44 | 102.20 2.27 -84.48 | 99.30 2.37 -81.15 | 85.60 2.52 -67.65 | 82.84 1.60 -70.92 |
| EAST RIVER___6 23660 | 60.22 0.07 -59.11 | 55.78 0.06 -54.68 | 55.94 0.06 -54.85 | 54.12 0.03 -53.57 | 54.07 0.05 -52.98 | 56.29 0.06 -55.19 | 64.95 0.31 -58.98 | 67.04 0.67 -55.12 | 68.63 0.29 -64.09 | 70.94 0.47 -64.25 | 71.95 0.52 -65.36 | 72.64 0.54 -65.89 | 73.68 0.39 -68.79 | 75.66 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.38 | 95.99 0.13 -93.87 | 94.61 0.41 -87.91 | 84.24 0.53 -75.74 | 83.55 1.00 -67.09 | 73.62 1.17 -56.67 | 66.27 1.16 -49.68 | 61.88 0.74 -50.82 |
| EAST RIVER___7 23524 | 60.22 0.07 -59.11 | 55.78 0.06 -54.68 | 55.94 0.06 -54.85 | 54.12 0.03 -53.57 | 54.07 0.05 -52.98 | 56.29 0.06 -55.19 | 64.95 0.31 -58.98 | 67.04 0.67 -55.12 | 68.63 0.29 -64.09 | 70.94 0.47 -64.25 | 71.95 0.52 -65.36 | 72.64 0.54 -65.89 | 73.68 0.39 -68.79 | 75.66 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.38 | 95.99 0.13 -93.87 | 94.61 0.41 -87.91 | 84.24 0.53 -75.74 | 83.55 1.00 -67.09 | 73.62 1.17 -56.67 | 66.27 1.16 -49.68 | 61.88 0.74 -50.82 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 60.10 0.08 -58.98 | 55.67 0.07 -54.56 | 55.84 0.06 -54.74 | 54.01 0.03 -53.46 | 53.96 0.06 -52.86 | 56.18 0.07 -55.07 | 64.92 0.40 -58.85 | 67.05 0.80 -55.00 | 68.53 0.32 -63.95 | 70.83 0.50 -64.11 | 71.82 0.53 -65.22 | 72.51 0.55 -65.74 | 73.54 0.39 -68.64 | 75.50 0.23 -72.57 | 76.51 0.09 -75.38 | 78.94 0.09 -77.80 | 91.30 0.09 -90.18 | 95.81 0.16 -93.67 | 94.52 0.50 -87.72 | 84.18 0.63 -75.57 | 83.61 1.21 -66.95 | 73.60 1.26 -56.55 | 66.21 1.20 -49.57 | 61.81 0.78 -50.71 |

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| FALCON___SEABRD_CC2 323797 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.06 0.00 | 0.49 -0.03 0.00 | 0.98 -0.06 0.00 | 0.98 -0.06 0.00 | 2.90 -0.34 2.43 | 1.57 -0.73 8.95 | 1.79 -0.28 2.18 | 1.33 -0.42 4.46 | 1.30 -0.45 4.32 | 0.76 -0.50 4.96 | 0.02 -0.38 4.11 | 0.89 -0.22 1.59 | 0.01 -0.08 0.95 | 0.01 -0.09 0.94 | 0.96 -0.08 0.00 | 0.92 -0.15 0.90 | 1.35 -0.42 4.52 | 1.73 -0.50 5.74 | 14.60 -0.85 0.00 | 14.96 -0.82 0.00 | 14.70 -0.74 0.00 | 9.88 -0.44 0.00 |
| FAR ROCKAWAY___4 23548 | 72.84 0.12 -71.69 | 67.91 0.11 -66.76 | 59.36 0.11 -58.22 | 63.63 0.05 -63.06 | 67.41 0.10 -66.27 | 62.85 0.11 -61.70 | 82.60 0.62 -76.31 | 83.98 1.23 -71.51 | 83.92 0.48 -79.18 | 83.96 0.73 -77.01 | 82.41 0.73 -75.60 | 83.20 0.75 -76.24 | 83.79 0.55 -78.73 | 83.73 0.32 -80.71 | 84.51 0.12 -83.35 | 84.61 0.12 -83.44 | 96.41 0.12 -95.25 | 104.58 0.23 -102.37 | 109.75 0.74 -102.71 | 104.33 0.92 -95.44 | 101.71 1.78 -84.48 | 98.76 1.83 -81.15 | 84.90 1.82 -67.65 | 82.43 1.20 -70.92 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 60.23 0.09 -59.11 | 55.80 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.08 0.44 -58.98 | 67.26 0.89 -55.12 | 68.70 0.35 -64.09 | 71.03 0.56 -64.25 | 72.03 0.60 -65.36 | 72.71 0.61 -65.89 | 73.73 0.44 -68.79 | 75.69 0.26 -72.73 | 76.68 0.10 -75.54 | 79.12 0.10 -77.97 | 91.51 0.10 -90.38 | 96.02 0.17 -93.87 | 94.75 0.55 -87.91 | 84.40 0.69 -75.74 | 83.85 1.30 -67.10 | 73.86 1.40 -56.67 | 66.47 1.36 -49.68 | 62.10 0.96 -50.82 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 60.24 0.09 -59.11 | 55.80 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.08 -55.19 | 65.08 0.43 -58.98 | 67.25 0.88 -55.12 | 68.69 0.34 -64.09 | 71.02 0.55 -64.25 | 72.02 0.59 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.68 0.26 -72.73 | 76.68 0.10 -75.54 | 79.12 0.11 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.68 -75.74 | 83.83 1.28 -67.10 | 73.85 1.39 -56.67 | 66.46 1.34 -49.68 | 62.03 0.89 -50.82 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 60.23 0.09 -59.11 | 55.80 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.08 -55.19 | 65.08 0.43 -58.98 | 67.24 0.87 -55.12 | 68.69 0.34 -64.09 | 71.02 0.55 -64.25 | 72.01 0.58 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.68 0.26 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.67 -75.74 | 83.82 1.27 -67.10 | 73.83 1.37 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| FARRAGUT___LBMP 323566 | 60.23 0.08 -59.11 | 55.79 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.01 0.58 -65.36 | 72.69 0.59 -65.89 | 73.72 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.53 -87.91 | 84.37 0.66 -75.74 | 83.80 1.25 -67.10 | 73.81 1.36 -56.67 | 66.44 1.33 -49.68 | 62.01 0.88 -50.82 |
| FENNER___WINDPWR 24204 | 7.79 0.02 -6.73 | 7.33 0.02 -6.27 | 7.34 0.02 -6.28 | 6.67 0.01 -6.15 | 7.14 0.02 -6.08 | 7.39 0.02 -6.33 | 12.60 0.17 -6.77 | 17.91 0.36 -6.30 | 11.63 0.11 -7.27 | 13.57 0.16 -7.20 | 13.55 0.17 -7.31 | 13.75 0.17 -7.36 | 12.32 0.12 -7.70 | 10.88 0.06 -8.12 | 9.50 0.02 -8.44 | 9.76 0.02 -8.69 | 11.04 0.02 -9.98 | 12.44 0.06 -10.40 | 16.29 0.20 -9.79 | 16.88 0.27 -8.63 | 23.66 0.56 -7.65 | 22.68 0.52 -6.38 | 21.45 0.42 -5.60 | 16.40 0.27 -5.81 |
| FIBERTEK___ENERGY 23856 | 7.41 0.01 -6.35 | 6.97 0.01 -5.92 | 6.97 0.01 -5.93 | 6.32 0.00 -5.80 | 6.78 0.01 -5.74 | 7.03 0.01 -5.98 | 12.16 0.10 -6.39 | 17.41 0.21 -5.95 | 11.15 0.07 -6.83 | 13.08 0.11 -6.76 | 13.05 0.12 -6.86 | 13.25 0.12 -6.91 | 11.82 0.08 -7.23 | 10.36 0.05 -7.62 | 8.98 0.02 -7.92 | 9.22 0.02 -8.16 | 10.42 0.02 -9.37 | 11.78 0.03 -9.76 | 15.60 0.11 -9.19 | 16.22 0.14 -8.11 | 22.94 0.31 -7.18 | 22.05 0.28 -5.98 | 20.94 0.25 -5.25 | 15.96 0.16 -5.48 |
| FITZPATRICK____ 23598 | 5.03 -0.01 -4.01 | 4.76 -0.01 -3.74 | 4.76 -0.01 -3.74 | 4.17 -0.01 -3.66 | 4.64 -0.01 -3.62 | 4.80 -0.01 -3.77 | 9.65 -0.05 -4.03 | 14.90 -0.10 -3.75 | 8.51 -0.05 -4.30 | 10.41 -0.07 -4.26 | 10.33 -0.07 -4.32 | 10.51 -0.07 -4.36 | 9.01 -0.05 -4.56 | 7.47 -0.03 -4.81 | 6.02 -0.01 -4.99 | 6.17 -0.01 -5.14 | 6.93 -0.01 -5.91 | 8.11 -0.02 -6.16 | 12.02 -0.07 -5.79 | 13.00 -0.08 -5.11 | 19.82 -0.15 -4.53 | 19.39 -0.17 -3.77 | 18.58 -0.17 -3.31 | 13.67 -0.11 -3.46 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 60.69 0.08 -59.57 | 56.25 0.07 -55.14 | 56.41 0.07 -55.30 | 54.57 0.03 -54.03 | 54.52 0.06 -53.42 | 56.76 0.07 -55.65 | 65.56 0.41 -59.48 | 67.63 0.81 -55.57 | 69.13 0.32 -64.56 | 71.38 0.50 -64.65 | 72.35 0.52 -65.76 | 73.06 0.55 -66.29 | 74.12 0.40 -69.21 | 76.10 0.24 -73.17 | 77.13 0.09 -76.00 | 79.56 0.09 -78.43 | 91.96 0.09 -90.84 | 96.52 0.16 -94.37 | 95.24 0.53 -88.41 | 84.95 0.65 -76.32 | 84.33 1.27 -67.61 | 74.11 1.28 -57.04 | 66.66 1.20 -50.01 | 62.34 0.79 -51.23 |
| FORT ORANGE____ 23900 | 82.24 0.02 -81.18 | 77.58 0.02 -76.53 | 77.37 0.02 -76.32 | 75.50 0.01 -74.98 | 75.19 0.02 -74.14 | 78.30 0.02 -77.24 | 88.30 0.09 -82.54 | 87.82 0.17 -76.41 | 91.03 0.08 -86.70 | 90.42 0.10 -84.10 | 91.26 0.08 -85.11 | 92.03 0.08 -85.74 | 94.37 0.06 -89.80 | 97.04 0.03 -94.31 | 99.18 0.01 -98.12 | 101.76 0.01 -100.71 | 114.92 0.01 -113.86 | 121.33 0.03 -119.33 | 119.69 0.09 -113.30 | 111.95 0.12 -103.85 | 107.60 0.23 -91.91 | 91.01 0.24 -74.99 | 81.84 0.40 -66.00 | 81.00 0.23 -70.45 |
| FORT_DRUM_COGEN 23780 | 2.96 0.03 -1.89 | 2.83 0.03 -1.76 | 2.82 0.02 -1.76 | 2.25 0.01 -1.73 | 2.77 0.02 -1.71 | 2.85 0.03 -1.78 | 7.17 0.19 -1.31 | 11.23 0.40 0.42 | 5.86 0.10 -1.50 | 7.25 0.11 -0.92 | 7.18 0.12 -0.99 | 7.13 0.10 -0.82 | 5.84 0.07 -1.26 | 4.57 0.03 -1.85 | 3.32 0.01 -2.27 | 3.39 0.01 -2.34 | 3.79 0.01 -2.75 | 4.67 0.04 -2.65 | 8.12 0.17 -1.65 | 9.26 0.29 -1.00 | 18.26 0.66 -2.14 | 18.22 0.65 -1.78 | 17.47 0.46 -1.57 | 12.23 0.28 -1.63 |
| FPL_FAR_ROCK_GT1 24212 | 72.84 0.12 -71.69 | 67.91 0.11 -66.76 | 59.36 0.11 -58.22 | 63.63 0.05 -63.06 | 67.41 0.10 -66.27 | 62.85 0.11 -61.70 | 82.60 0.62 -76.31 | 83.98 1.23 -71.51 | 83.92 0.48 -79.18 | 83.96 0.73 -77.01 | 82.41 0.73 -75.60 | 83.20 0.75 -76.24 | 83.79 0.55 -78.73 | 83.73 0.32 -80.71 | 84.51 0.12 -83.35 | 84.61 0.12 -83.44 | 96.41 0.12 -95.25 | 104.58 0.23 -102.37 | 109.75 0.74 -102.71 | 104.33 0.92 -95.44 | 101.71 1.78 -84.48 | 98.76 1.83 -81.15 | 84.90 1.82 -67.65 | 82.43 1.20 -70.92 |
| FPL_FAR_ROCK_GT2 23815 | 72.84 0.12 -71.69 | 67.91 0.11 -66.76 | 59.36 0.11 -58.22 | 63.63 0.05 -63.06 | 67.41 0.10 -66.27 | 62.85 0.11 -61.70 | 82.60 0.62 -76.31 | 83.98 1.23 -71.51 | 83.92 0.48 -79.18 | 83.96 0.73 -77.01 | 82.41 0.73 -75.60 | 83.20 0.75 -76.24 | 83.79 0.55 -78.73 | 83.73 0.32 -80.71 | 84.51 0.12 -83.35 | 84.61 0.12 -83.44 | 96.41 0.12 -95.25 | 104.58 0.23 -102.37 | 109.75 0.74 -102.71 | 104.33 0.92 -95.44 | 101.71 1.78 -84.48 | 98.76 1.83 -81.15 | 84.90 1.82 -67.65 | 82.43 1.20 -70.92 |
| FRANKLIN_FALL_HYD 24054 | 0.98 -0.06 0.00 | 0.98 -0.05 0.00 | 0.99 -0.05 0.00 | 0.49 -0.02 0.00 | 0.99 -0.05 0.00 | 0.99 -0.05 0.00 | 3.12 -0.27 2.28 | 2.30 -0.55 8.40 | 2.00 -0.21 2.05 | 1.71 -0.32 4.19 | 1.69 -0.33 4.06 | 1.20 -0.37 4.65 | 0.54 -0.27 3.70 | 1.05 -0.16 1.49 | 0.28 -0.06 0.70 | 0.28 -0.07 0.70 | 0.98 -0.06 0.00 | 1.02 -0.12 0.85 | 1.69 -0.37 4.24 | 2.14 -0.45 5.38 | 14.70 -0.76 0.00 | 15.12 -0.66 0.00 | 14.74 -0.69 0.00 | 9.89 -0.43 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD_IC_1_G5 23712 | 67.52 0.10 -66.38 | 62.87 0.09 -61.74 | 57.94 0.08 -56.82 | 59.68 0.04 -59.12 | 61.86 0.08 -60.75 | 60.13 0.09 -59.00 | 82.49 0.51 -76.31 | 83.79 1.03 -71.51 | 83.84 0.40 -79.18 | 83.86 0.63 -77.01 | 82.32 0.65 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.41 1.48 -84.48 | 98.50 1.56 -81.15 | 84.61 1.53 -67.65 | 82.24 1.00 -70.92 |
| GLENWOOD_IC_2_G1 23688 | 59.73 0.09 -58.60 | 55.30 0.08 -54.18 | 55.84 0.08 -54.73 | 53.74 0.04 -53.19 | 53.54 0.07 -52.43 | 56.05 0.08 -54.93 | 82.45 0.47 -76.31 | 83.70 0.94 -71.51 | 83.81 0.37 -79.18 | 83.81 0.58 -77.01 | 82.27 0.60 -75.60 | 83.07 0.62 -76.24 | 83.69 0.45 -78.73 | 83.67 0.26 -80.71 | 84.49 0.10 -83.35 | 84.58 0.10 -83.44 | 96.39 0.10 -95.25 | 104.53 0.18 -102.37 | 109.58 0.57 -102.71 | 104.14 0.72 -95.44 | 101.31 1.37 -84.48 | 98.37 1.44 -81.15 | 84.47 1.39 -67.65 | 82.16 0.92 -70.92 |
| GLENWOOD_IC_3_G1 23689 | 59.73 0.09 -58.60 | 55.30 0.08 -54.18 | 55.84 0.08 -54.73 | 53.74 0.04 -53.19 | 53.54 0.07 -52.43 | 56.05 0.08 -54.93 | 82.45 0.47 -76.31 | 83.70 0.94 -71.51 | 83.81 0.37 -79.18 | 83.81 0.58 -77.01 | 82.27 0.60 -75.60 | 83.07 0.62 -76.24 | 83.69 0.45 -78.73 | 83.67 0.26 -80.71 | 84.49 0.10 -83.35 | 84.58 0.10 -83.44 | 96.39 0.10 -95.25 | 104.53 0.18 -102.37 | 109.58 0.57 -102.71 | 104.14 0.72 -95.44 | 101.31 1.37 -84.48 | 98.37 1.44 -81.15 | 84.47 1.39 -67.65 | 82.16 0.92 -70.92 |
| GLENWOOD___4 23550 | 67.52 0.10 -66.38 | 62.87 0.09 -61.74 | 57.94 0.08 -56.82 | 59.68 0.04 -59.12 | 61.86 0.08 -60.75 | 60.13 0.09 -59.00 | 82.49 0.51 -76.31 | 83.79 1.03 -71.51 | 83.84 0.40 -79.18 | 83.86 0.63 -77.01 | 82.32 0.65 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.41 1.48 -84.48 | 98.50 1.56 -81.15 | 84.61 1.53 -67.65 | 82.24 1.00 -70.92 |
| GLENWOOD___5 23614 | 67.52 0.10 -66.38 | 62.87 0.09 -61.74 | 57.94 0.08 -56.82 | 59.68 0.04 -59.12 | 61.86 0.08 -60.75 | 60.13 0.09 -59.00 | 82.49 0.51 -76.31 | 83.79 1.03 -71.51 | 83.84 0.40 -79.18 | 83.86 0.63 -77.01 | 82.32 0.65 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.41 1.48 -84.48 | 98.50 1.56 -81.15 | 84.61 1.53 -67.65 | 82.24 1.00 -70.92 |
| GLOBAL GREEN_PORT_GT1 23814 | 74.66 0.16 -73.47 | 69.87 0.15 -68.69 | 59.93 0.14 -58.75 | 65.16 0.07 -64.57 | 69.57 0.14 -68.39 | 63.93 0.15 -62.74 | 82.83 0.85 -76.31 | 84.51 1.75 -71.51 | 84.10 0.66 -79.18 | 84.18 0.95 -77.01 | 82.54 0.87 -75.60 | 83.33 0.88 -76.24 | 83.89 0.65 -78.73 | 83.79 0.38 -80.71 | 84.54 0.15 -83.35 | 84.63 0.15 -83.44 | 96.44 0.15 -95.25 | 104.63 0.28 -102.37 | 109.94 0.93 -102.71 | 104.59 1.17 -95.44 | 102.20 2.27 -84.48 | 99.27 2.34 -81.15 | 85.54 2.45 -67.65 | 82.81 1.57 -70.92 |
| GLOBE___DSASP 323697 | 10.42 0.06 -9.32 | 9.78 0.06 -8.68 | 9.79 0.06 -8.69 | 9.05 0.03 -8.51 | 9.51 0.06 -8.41 | 9.87 0.06 -8.76 | 15.39 0.38 -9.34 | 20.56 0.62 -8.70 | 14.23 0.17 -9.81 | 16.20 0.27 -9.71 | 16.18 0.25 -9.85 | 16.40 0.25 -9.93 | 15.05 0.15 -10.38 | 13.74 0.09 -10.95 | 12.45 0.03 -11.38 | 12.80 0.04 -11.72 | 14.53 0.03 -13.47 | 16.08 0.06 -14.03 | 19.76 0.26 -13.20 | 19.93 0.31 -11.65 | 26.31 0.54 -10.32 | 24.89 0.51 -8.59 | 23.66 0.68 -7.54 | 18.95 0.61 -8.02 |
| GOETHSLN___LBMP 323567 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.06 0.41 -58.98 | 67.19 0.82 -55.12 | 68.67 0.32 -64.09 | 70.99 0.52 -64.25 | 72.00 0.57 -65.36 | 72.68 0.58 -65.89 | 73.71 0.41 -68.79 | 75.67 0.24 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.71 0.51 -87.91 | 84.35 0.64 -75.74 | 83.75 1.21 -67.10 | 73.80 1.34 -56.67 | 66.41 1.30 -49.68 | 62.01 0.87 -50.82 |
| GOODYEAR_LAKE_HYD 323669 | 12.28 0.05 -11.19 | 11.67 0.05 -10.58 | 11.63 0.05 -10.54 | 10.91 0.02 -10.37 | 11.34 0.05 -10.25 | 11.77 0.05 -10.68 | 17.41 0.33 -11.41 | 22.48 0.69 -10.55 | 16.55 0.24 -12.06 | 18.20 0.35 -11.63 | 18.19 0.36 -11.75 | 18.41 0.35 -11.84 | 17.17 0.26 -12.41 | 15.86 0.15 -13.02 | 14.63 0.05 -13.54 | 14.98 0.05 -13.88 | 16.71 0.05 -15.62 | 18.50 0.11 -16.41 | 22.25 0.36 -15.60 | 22.89 0.47 -14.45 | 29.20 0.94 -12.81 | 27.07 0.90 -10.39 | 25.42 0.83 -9.15 | 20.59 0.55 -9.72 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 20.20 0.05 -19.11 | 18.89 0.05 -17.81 | 18.91 0.05 -17.83 | 17.99 0.02 -17.45 | 18.34 0.05 -17.26 | 19.06 0.05 -17.98 | 25.16 0.28 -19.21 | 29.69 0.55 -17.89 | 25.35 0.17 -20.93 | 27.18 0.24 -20.72 | 27.35 0.24 -21.04 | 27.67 0.25 -21.20 | 26.84 0.17 -22.16 | 26.17 0.10 -23.37 | 25.37 0.04 -24.29 | 26.10 0.04 -25.02 | 29.80 0.04 -28.73 | 32.01 0.08 -29.94 | 34.76 0.29 -28.17 | 33.19 0.37 -24.85 | 38.20 0.73 -22.02 | 34.85 0.71 -18.35 | 32.24 0.70 -16.11 | 27.30 0.49 -16.49 |
| GOUDEY___7 23579 | 20.20 0.05 -19.11 | 18.90 0.05 -17.81 | 18.91 0.05 -17.83 | 17.99 0.02 -17.45 | 18.34 0.05 -17.26 | 19.06 0.05 -17.98 | 25.17 0.29 -19.21 | 29.70 0.56 -17.89 | 25.36 0.17 -20.93 | 27.19 0.25 -20.72 | 27.36 0.25 -21.04 | 27.67 0.25 -21.20 | 26.85 0.18 -22.16 | 26.17 0.10 -23.37 | 25.37 0.04 -24.29 | 26.10 0.04 -25.02 | 29.81 0.04 -28.73 | 32.01 0.09 -29.94 | 34.76 0.29 -28.17 | 33.20 0.37 -24.85 | 38.21 0.74 -22.02 | 34.86 0.73 -18.35 | 32.26 0.71 -16.11 | 27.30 0.49 -16.49 |
| GOUDEY___8 23580 | 20.20 0.05 -19.11 | 18.89 0.05 -17.81 | 18.91 0.05 -17.83 | 17.99 0.02 -17.45 | 18.34 0.05 -17.26 | 19.06 0.05 -17.98 | 25.16 0.28 -19.21 | 29.69 0.55 -17.89 | 25.35 0.17 -20.93 | 27.18 0.24 -20.72 | 27.35 0.24 -21.04 | 27.67 0.25 -21.20 | 26.84 0.17 -22.16 | 26.17 0.10 -23.37 | 25.37 0.04 -24.29 | 26.10 0.04 -25.02 | 29.80 0.04 -28.73 | 32.01 0.08 -29.94 | 34.76 0.29 -28.17 | 33.19 0.37 -24.85 | 38.20 0.73 -22.02 | 34.85 0.71 -18.35 | 32.24 0.70 -16.11 | 27.30 0.49 -16.49 |
| GOWANUS_GT1_1 24077 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT1_2 24078 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT1_3 24079 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_4 24080 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT1_5 24084 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT1_6 24111 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT1_7 24112 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT1_8 24113 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT2_1 24114 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT2_2 24115 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT2_3 24116 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT2_4 24117 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT2_5 24118 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT2_6 24119 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT2_7 24120 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT2_8 24121 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT3_1 24122 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT3_2 24123 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_3 24124 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT3_4 24125 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT3_5 24126 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT3_6 24127 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT3_7 24128 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT3_8 24129 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT4_1 24130 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT4_2 24131 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT4_3 24132 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT4_4 24133 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT4_5 24134 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT4_6 24135 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT4_7 24136 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GOWANUS_GT4_8 24137 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GREENIDGE___3 23582 | 13.00 0.06 -11.90 | 12.18 0.05 -11.10 | 12.19 0.05 -11.10 | 11.41 0.02 -10.87 | 11.84 0.05 -10.75 | 12.29 0.06 -11.20 | 18.01 0.37 -11.97 | 23.10 0.71 -11.14 | 17.25 0.22 -12.77 | 19.18 0.31 -12.65 | 19.22 0.30 -12.84 | 19.46 0.30 -12.94 | 18.24 0.21 -13.53 | 17.08 0.12 -14.26 | 15.91 0.04 -14.82 | 16.36 0.05 -15.27 | 18.61 0.04 -17.53 | 20.35 0.10 -18.27 | 23.84 0.35 -17.19 | 23.60 0.46 -15.17 | 29.82 0.93 -13.44 | 27.87 0.88 -11.20 | 26.10 0.83 -9.83 | 21.17 0.58 -10.27 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GREENIDGE___4 23583 | 13.00 0.06 -11.90 | 12.18 0.05 -11.10 | 12.19 0.05 -11.10 | 11.41 0.02 -10.87 | 11.84 0.05 -10.75 | 12.29 0.06 -11.20 | 18.01 0.37 -11.97 | 23.10 0.71 -11.14 | 17.25 0.22 -12.77 | 19.18 0.31 -12.65 | 19.22 0.30 -12.84 | 19.46 0.30 -12.94 | 18.24 0.21 -13.53 | 17.08 0.12 -14.26 | 15.91 0.04 -14.82 | 16.36 0.05 -15.27 | 18.61 0.04 -17.53 | 20.35 0.10 -18.27 | 23.84 0.35 -17.19 | 23.60 0.46 -15.17 | 29.82 0.93 -13.44 | 27.87 0.88 -11.20 | 26.10 0.83 -9.83 | 21.17 0.58 -10.27 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| GROVEVILLE___HYD 323602 | 60.69 0.08 -59.57 | 56.25 0.07 -55.14 | 56.41 0.07 -55.30 | 54.57 0.03 -54.03 | 54.52 0.06 -53.42 | 56.76 0.07 -55.65 | 65.56 0.41 -59.48 | 67.63 0.81 -55.57 | 69.13 0.32 -64.56 | 71.38 0.50 -64.65 | 72.35 0.52 -65.76 | 73.06 0.55 -66.29 | 74.12 0.40 -69.21 | 76.10 0.24 -73.17 | 77.13 0.09 -76.00 | 79.56 0.09 -78.43 | 91.96 0.09 -90.84 | 96.52 0.16 -94.37 | 95.24 0.53 -88.41 | 84.95 0.65 -76.32 | 84.33 1.27 -67.61 | 74.11 1.28 -57.04 | 66.66 1.20 -50.01 | 62.34 0.79 -51.23 |
| HAMPSHIRE___PAPER_HYD 323593 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 0.51 0.00 0.00 | 1.03 -0.01 0.00 | 1.03 0.00 0.00 | 4.32 -0.02 1.33 | 6.32 -0.02 4.90 | 3.03 -0.03 1.20 | 3.71 -0.06 2.44 | 3.66 -0.05 2.37 | 3.44 -0.06 2.72 | 2.54 -0.05 1.91 | 1.78 -0.05 0.87 | 0.91 -0.02 0.11 | 0.90 -0.03 0.11 | 1.01 -0.03 0.00 | 1.45 -0.04 0.50 | 3.72 -0.11 2.46 | 4.74 -0.11 3.13 | 15.33 -0.12 0.00 | 15.77 -0.02 0.00 | 15.33 -0.11 0.00 | 10.24 -0.08 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.03 0.00 0.00 | 0.51 0.00 0.00 | 1.03 0.00 0.00 | 1.04 0.00 0.00 | 5.74 -0.01 -0.08 | 11.52 -0.03 -0.31 | 4.30 -0.03 -0.08 | 6.34 -0.04 -0.15 | 6.22 -0.01 -0.15 | 6.37 -0.01 -0.17 | 4.62 0.00 -0.11 | 2.75 -0.01 -0.05 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.03 -0.01 0.00 | 2.01 -0.01 -0.03 | 6.49 -0.01 -0.20 | 8.24 0.01 -0.26 | 15.53 0.08 0.00 | 15.88 0.10 0.00 | 15.48 0.05 0.00 | 10.36 0.04 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 56.79 0.07 -55.68 | 52.64 0.07 -51.54 | 52.79 0.06 -51.69 | 51.04 0.03 -50.49 | 51.02 0.06 -49.93 | 53.12 0.07 -52.02 | 61.64 0.39 -55.59 | 63.95 0.77 -51.94 | 64.91 0.30 -60.35 | 67.15 0.47 -60.46 | 68.07 0.50 -61.49 | 68.73 0.53 -61.99 | 69.61 0.38 -64.72 | 71.34 0.23 -68.42 | 72.19 0.09 -71.07 | 74.47 0.09 -73.34 | 86.08 0.08 -84.96 | 90.40 0.16 -88.26 | 89.48 0.50 -82.68 | 79.95 0.63 -71.34 | 79.88 1.22 -63.20 | 70.35 1.23 -53.34 | 63.34 1.14 -46.76 | 58.95 0.74 -47.88 |
| HARZA MOOSE___RIVER 24016 | 1.06 0.02 0.00 | 1.05 0.02 0.00 | 1.05 0.01 0.00 | 0.52 0.01 0.00 | 1.05 0.02 0.00 | 1.06 0.02 0.00 | 5.48 0.13 0.32 | 10.36 0.29 1.18 | 4.04 0.08 0.29 | 5.72 0.09 0.59 | 5.63 0.12 0.57 | 5.67 0.11 0.65 | 4.12 0.08 0.47 | 2.52 0.03 0.21 | 1.02 0.01 0.03 | 1.02 0.01 0.03 | 1.05 0.01 0.00 | 1.90 0.04 0.12 | 5.87 0.14 0.57 | 7.47 0.22 0.72 | 15.93 0.48 0.00 | 16.26 0.47 0.00 | 15.74 0.31 0.00 | 10.51 0.19 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.20 | 65.08 0.43 -58.98 | 67.21 0.83 -55.13 | 68.68 0.33 -64.10 | 71.00 0.53 -64.26 | 72.00 0.56 -65.36 | 72.68 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.11 0.09 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.63 -75.74 | 83.73 1.17 -67.10 | 73.79 1.33 -56.67 | 66.45 1.33 -49.68 | 62.07 0.93 -50.82 |
| HEMPSTEAD____ 23647 | 70.66 0.10 -69.52 | 65.93 0.10 -64.80 | 58.80 0.09 -57.67 | 62.08 0.04 -61.52 | 65.23 0.09 -64.11 | 61.78 0.10 -60.64 | 82.52 0.54 -76.31 | 83.85 1.09 -71.51 | 83.86 0.42 -79.18 | 83.88 0.65 -77.01 | 82.31 0.64 -75.60 | 83.10 0.65 -76.24 | 83.71 0.47 -78.73 | 83.69 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.62 0.61 -102.71 | 104.18 0.77 -95.44 | 101.38 1.45 -84.48 | 98.48 1.55 -81.15 | 84.67 1.59 -67.65 | 82.29 1.05 -70.92 |
| HICKLING___1 23621 | 16.23 0.08 -15.11 | 15.20 0.08 -14.08 | 15.21 0.08 -14.10 | 14.35 0.04 -13.80 | 14.76 0.08 -13.65 | 15.34 0.08 -14.22 | 21.35 0.49 -15.19 | 26.34 0.94 -14.14 | 20.84 0.31 -16.28 | 22.79 0.45 -16.11 | 22.86 0.43 -16.36 | 23.14 0.44 -16.49 | 22.04 0.30 -17.23 | 21.05 0.18 -18.17 | 19.99 0.07 -18.89 | 20.56 0.07 -19.45 | 23.44 0.06 -22.34 | 25.40 0.13 -23.28 | 28.67 0.47 -21.91 | 27.90 0.60 -19.33 | 33.78 1.21 -17.12 | 31.22 1.17 -14.27 | 29.15 1.19 -12.53 | 24.20 0.84 -13.04 |
| HICKLING___2 23622 | 16.23 0.08 -15.11 | 15.20 0.08 -14.08 | 15.21 0.08 -14.10 | 14.35 0.04 -13.80 | 14.76 0.08 -13.65 | 15.34 0.08 -14.22 | 21.35 0.49 -15.19 | 26.34 0.94 -14.14 | 20.84 0.31 -16.28 | 22.79 0.45 -16.11 | 22.86 0.43 -16.36 | 23.14 0.44 -16.49 | 22.04 0.30 -17.23 | 21.05 0.18 -18.17 | 19.99 0.07 -18.89 | 20.56 0.07 -19.45 | 23.44 0.06 -22.34 | 25.40 0.13 -23.28 | 28.67 0.47 -21.91 | 27.90 0.60 -19.33 | 33.78 1.21 -17.12 | 31.22 1.17 -14.27 | 29.15 1.19 -12.53 | 24.20 0.84 -13.04 |
| HIGH FALLS___HY 23754 | 61.22 0.08 -60.10 | 56.93 0.08 -55.82 | 57.03 0.07 -55.92 | 55.24 0.04 -54.69 | 55.19 0.07 -54.08 | 57.45 0.08 -56.34 | 66.32 0.45 -60.21 | 68.26 0.85 -56.15 | 69.54 0.32 -64.96 | 71.41 0.50 -64.69 | 72.36 0.55 -65.74 | 73.05 0.57 -66.26 | 74.14 0.41 -69.22 | 76.03 0.25 -73.09 | 77.08 0.09 -75.94 | 79.43 0.09 -78.30 | 91.44 0.10 -90.31 | 96.13 0.18 -93.96 | 95.13 0.61 -88.22 | 85.70 0.77 -76.96 | 85.14 1.50 -68.19 | 74.47 1.50 -57.18 | 66.87 1.27 -50.17 | 62.95 0.86 -51.77 |
| HILLBURN___GT 23639 | 57.55 0.07 -56.44 | 53.34 0.07 -52.23 | 53.49 0.06 -52.39 | 51.72 0.03 -51.18 | 51.70 0.06 -50.61 | 53.82 0.07 -52.72 | 62.39 0.39 -56.34 | 64.66 0.77 -52.64 | 65.74 0.31 -61.18 | 68.00 0.49 -61.29 | 68.94 0.53 -62.34 | 69.61 0.55 -62.85 | 70.52 0.40 -65.62 | 72.30 0.23 -69.37 | 73.18 0.09 -72.06 | 75.50 0.09 -74.37 | 87.28 0.09 -86.15 | 91.64 0.16 -89.50 | 90.64 0.51 -83.83 | 80.93 0.64 -72.32 | 80.74 1.22 -64.07 | 71.12 1.26 -54.07 | 63.99 1.14 -47.41 | 59.61 0.75 -48.53 |
| HISHELDN_WT_PWR 323625 | 11.82 0.09 -10.70 | 11.09 0.08 -9.97 | 11.10 0.08 -9.98 | 10.32 0.04 -9.77 | 10.78 0.08 -9.66 | 11.19 0.09 -10.07 | 16.92 0.50 -10.76 | 22.13 0.87 -10.02 | 15.87 0.26 -11.35 | 17.84 0.39 -11.24 | 17.84 0.36 -11.41 | 18.06 0.35 -11.50 | 16.75 0.23 -12.02 | 15.51 0.13 -12.68 | 14.26 0.05 -13.17 | 14.66 0.05 -13.57 | 16.66 0.05 -15.58 | 18.32 0.11 -16.24 | 21.98 0.40 -15.28 | 21.96 0.51 -13.48 | 28.41 1.02 -11.94 | 26.73 1.00 -9.95 | 25.32 1.14 -8.74 | 20.44 0.89 -9.23 |
| HOLTSVILLE_IC_1 23690 | 74.63 0.11 -73.48 | 69.84 0.11 -68.70 | 59.89 0.10 -58.75 | 65.15 0.05 -64.58 | 69.53 0.10 -68.40 | 63.89 0.11 -62.75 | 82.59 0.61 -76.31 | 83.98 1.23 -71.51 | 83.90 0.46 -79.18 | 83.92 0.69 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.71 0.46 -78.73 | 83.68 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.64 0.63 -102.71 | 104.21 0.79 -95.44 | 101.46 1.53 -84.48 | 98.56 1.63 -81.15 | 84.81 1.73 -67.65 | 82.37 1.14 -70.92 |

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| HOLTSVILLE_IC_10 23699 | 74.58 0.12 -73.43 | 69.80 0.11 -68.64 | 59.88 0.11 -58.74 | 65.11 0.05 -64.54 | 69.48 0.11 -68.34 | 63.87 0.11 -62.72 | 82.63 0.65 -76.31 | 84.06 1.30 -71.51 | 83.94 0.50 -79.18 | 83.97 0.73 -77.01 | 82.33 0.66 -75.60 | 83.12 0.67 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.12 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.69 0.67 -102.71 | 104.26 0.84 -95.44 | 101.59 1.65 -84.48 | 98.67 1.74 -81.15 | 84.95 1.87 -67.65 | 82.46 1.22 -70.92 |
| HOLTSVILLE_IC_2 23691 | 74.63 0.11 -73.48 | 69.84 0.11 -68.70 | 59.89 0.10 -58.75 | 65.15 0.05 -64.58 | 69.53 0.10 -68.40 | 63.89 0.11 -62.75 | 82.59 0.61 -76.31 | 83.98 1.23 -71.51 | 83.90 0.46 -79.18 | 83.92 0.69 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.71 0.46 -78.73 | 83.68 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.64 0.63 -102.71 | 104.21 0.79 -95.44 | 101.46 1.53 -84.48 | 98.56 1.63 -81.15 | 84.81 1.73 -67.65 | 82.37 1.14 -70.92 |
| HOLTSVILLE_IC_3 23692 | 74.63 0.11 -73.48 | 69.84 0.11 -68.70 | 59.89 0.10 -58.75 | 65.15 0.05 -64.58 | 69.53 0.10 -68.40 | 63.89 0.11 -62.75 | 82.59 0.61 -76.31 | 83.98 1.23 -71.51 | 83.90 0.46 -79.18 | 83.92 0.69 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.71 0.46 -78.73 | 83.68 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.64 0.63 -102.71 | 104.21 0.79 -95.44 | 101.46 1.53 -84.48 | 98.56 1.63 -81.15 | 84.81 1.73 -67.65 | 82.37 1.14 -70.92 |
| HOLTSVILLE_IC_4 23693 | 74.63 0.11 -73.48 | 69.84 0.11 -68.70 | 59.89 0.10 -58.75 | 65.15 0.05 -64.58 | 69.53 0.10 -68.40 | 63.89 0.11 -62.75 | 82.59 0.61 -76.31 | 83.98 1.23 -71.51 | 83.90 0.46 -79.18 | 83.92 0.69 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.71 0.46 -78.73 | 83.68 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.64 0.63 -102.71 | 104.21 0.79 -95.44 | 101.46 1.53 -84.48 | 98.56 1.63 -81.15 | 84.81 1.73 -67.65 | 82.37 1.14 -70.92 |
| HOLTSVILLE_IC_5 23694 | 74.63 0.11 -73.48 | 69.84 0.11 -68.70 | 59.89 0.10 -58.75 | 65.15 0.05 -64.58 | 69.53 0.10 -68.40 | 63.89 0.11 -62.75 | 82.59 0.61 -76.31 | 83.98 1.23 -71.51 | 83.90 0.46 -79.18 | 83.92 0.69 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.71 0.46 -78.73 | 83.68 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.64 0.63 -102.71 | 104.21 0.79 -95.44 | 101.46 1.53 -84.48 | 98.56 1.63 -81.15 | 84.81 1.73 -67.65 | 82.37 1.14 -70.92 |
| HOLTSVILLE_IC_6 23695 | 74.58 0.12 -73.43 | 69.80 0.11 -68.64 | 59.88 0.11 -58.74 | 65.11 0.05 -64.54 | 69.48 0.11 -68.34 | 63.87 0.11 -62.72 | 82.63 0.65 -76.31 | 84.06 1.30 -71.51 | 83.94 0.50 -79.18 | 83.97 0.73 -77.01 | 82.33 0.66 -75.60 | 83.12 0.67 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.12 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.69 0.67 -102.71 | 104.26 0.84 -95.44 | 101.59 1.65 -84.48 | 98.67 1.74 -81.15 | 84.95 1.87 -67.65 | 82.46 1.22 -70.92 |
| HOLTSVILLE_IC_7 23696 | 74.58 0.12 -73.43 | 69.80 0.11 -68.64 | 59.88 0.11 -58.74 | 65.11 0.05 -64.54 | 69.48 0.11 -68.34 | 63.87 0.11 -62.72 | 82.63 0.65 -76.31 | 84.06 1.30 -71.51 | 83.94 0.50 -79.18 | 83.97 0.73 -77.01 | 82.33 0.66 -75.60 | 83.12 0.67 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.12 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.69 0.67 -102.71 | 104.26 0.84 -95.44 | 101.59 1.65 -84.48 | 98.67 1.74 -81.15 | 84.95 1.87 -67.65 | 82.46 1.22 -70.92 |
| HOLTSVILLE_IC_8 23697 | 74.58 0.12 -73.43 | 69.80 0.11 -68.64 | 59.88 0.11 -58.74 | 65.11 0.05 -64.54 | 69.48 0.11 -68.34 | 63.87 0.11 -62.72 | 82.63 0.65 -76.31 | 84.06 1.30 -71.51 | 83.94 0.50 -79.18 | 83.97 0.73 -77.01 | 82.33 0.66 -75.60 | 83.12 0.67 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.12 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.69 0.67 -102.71 | 104.26 0.84 -95.44 | 101.59 1.65 -84.48 | 98.67 1.74 -81.15 | 84.95 1.87 -67.65 | 82.46 1.22 -70.92 |
| HOLTSVILLE_IC_9 23698 | 74.58 0.12 -73.43 | 69.80 0.11 -68.64 | 59.88 0.11 -58.74 | 65.11 0.05 -64.54 | 69.48 0.11 -68.34 | 63.87 0.11 -62.72 | 82.63 0.65 -76.31 | 84.06 1.30 -71.51 | 83.94 0.50 -79.18 | 83.97 0.73 -77.01 | 82.33 0.66 -75.60 | 83.12 0.67 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.12 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.69 0.67 -102.71 | 104.26 0.84 -95.44 | 101.59 1.65 -84.48 | 98.67 1.74 -81.15 | 84.95 1.87 -67.65 | 82.46 1.22 -70.92 |
| HOWARD_WT_PWR 323690 | 13.55 0.08 -12.43 | 12.70 0.08 -11.58 | 12.71 0.08 -11.59 | 11.90 0.04 -11.35 | 12.34 0.08 -11.22 | 12.81 0.09 -11.69 | 18.66 0.50 -12.49 | 23.74 0.87 -11.63 | 17.76 0.25 -13.25 | 19.68 0.34 -13.12 | 19.71 0.32 -13.32 | 19.95 0.31 -13.42 | 18.74 0.20 -14.03 | 17.62 0.12 -14.80 | 16.46 0.04 -15.38 | 16.93 0.05 -15.84 | 19.27 0.04 -18.19 | 21.04 0.10 -18.96 | 24.52 0.38 -17.83 | 24.24 0.53 -15.73 | 30.51 1.11 -13.94 | 28.49 1.09 -11.62 | 26.76 1.13 -10.20 | 21.87 0.83 -10.72 |
| HQ_GEN_CEDARS 23644 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 0.51 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.17 -0.20 2.29 | 2.40 -0.38 8.46 | 2.07 -0.12 2.07 | 1.80 -0.20 4.22 | 1.80 -0.19 4.09 | 1.33 -0.19 4.69 | 1.19 -0.14 3.19 | 1.11 -0.08 1.50 | 0.96 -0.03 0.05 | 0.96 -0.04 0.05 | 1.01 -0.03 0.00 | 1.06 -0.07 0.85 | 1.79 -0.23 4.28 | 2.24 -0.31 5.43 | 14.87 -0.59 0.00 | 15.28 -0.51 0.00 | 14.88 -0.56 0.00 | 9.98 -0.34 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 0.51 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.17 -0.20 2.29 | 2.40 -0.38 8.46 | 2.07 -0.12 2.07 | 1.80 -0.20 4.22 | 1.80 -0.19 4.09 | 1.33 -0.19 4.69 | 1.19 -0.14 3.19 | 1.11 -0.08 1.50 | 0.96 -0.03 0.05 | 0.96 -0.04 0.05 | 1.01 -0.03 0.00 | 1.06 -0.07 0.85 | 1.79 -0.23 4.28 | 2.24 -0.31 5.43 | 14.87 -0.59 0.00 | 15.28 -0.51 0.00 | 14.88 -0.56 0.00 | 9.98 -0.34 0.00 |
| HQ_GEN_IMPORT 323601 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 0.51 -0.01 0.00 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 5.00 -0.15 0.51 | 9.05 -0.30 1.90 | 3.69 -0.10 0.46 | 5.11 -0.16 0.95 | 5.00 -0.16 0.92 | 5.00 -0.16 1.05 | 3.69 -0.11 0.71 | 2.29 -0.07 0.34 | 1.01 -0.02 0.00 | 1.02 -0.03 0.00 | 1.01 -0.02 0.00 | 1.74 -0.05 0.19 | 5.00 -0.17 1.13 | 6.33 -0.21 1.43 | 15.02 -0.43 0.00 | 15.38 -0.41 0.00 | 15.02 -0.42 0.00 | 10.05 -0.27 0.00 |
| HQ_GEN_WHEEL 23651 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 0.51 -0.01 0.00 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 5.00 -0.15 0.51 | 9.05 -0.30 1.90 | 3.69 -0.10 0.46 | 5.11 -0.16 0.95 | 5.00 -0.16 0.92 | 5.00 -0.16 1.05 | 3.69 -0.11 0.71 | 2.29 -0.07 0.34 | 1.01 -0.02 0.00 | 1.02 -0.03 0.00 | 1.01 -0.02 0.00 | 1.74 -0.05 0.19 | 5.00 -0.17 1.13 | 6.33 -0.21 1.43 | 15.02 -0.43 0.00 | 15.38 -0.41 0.00 | 15.02 -0.42 0.00 | 10.05 -0.27 0.00 |
| HUDSON_AVE_GT_3 23810 | 60.23 0.09 -59.11 | 55.80 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.08 -55.19 | 65.08 0.44 -58.98 | 67.25 0.88 -55.12 | 68.70 0.35 -64.09 | 71.03 0.55 -64.25 | 72.02 0.59 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.68 -75.74 | 83.83 1.28 -67.10 | 73.85 1.39 -56.67 | 66.46 1.34 -49.68 | 62.03 0.89 -50.82 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| HUDSON AVE_GT_4 23540 | 60.23 0.09 -59.11 | 55.80 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.08 -55.19 | 65.08 0.44 -58.98 | 67.25 0.88 -55.12 | 68.70 0.35 -64.09 | 71.03 0.55 -64.25 | 72.02 0.59 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.68 -75.74 | 83.83 1.28 -67.10 | 73.85 1.39 -56.67 | 66.46 1.34 -49.68 | 62.03 0.89 -50.82 |
| HUDSON AVE_GT_5 23657 | 60.23 0.09 -59.11 | 55.80 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.30 0.08 -55.19 | 65.08 0.44 -58.98 | 67.25 0.88 -55.12 | 68.70 0.35 -64.09 | 71.03 0.55 -64.25 | 72.02 0.59 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.68 -75.74 | 83.83 1.28 -67.10 | 73.85 1.39 -56.67 | 66.46 1.34 -49.68 | 62.03 0.89 -50.82 |
| HUDSON_AVE_10 24168 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.07 0.43 -58.98 | 67.22 0.85 -55.12 | 68.69 0.34 -64.09 | 71.01 0.54 -64.25 | 72.00 0.57 -65.36 | 72.69 0.58 -65.89 | 73.71 0.42 -68.79 | 75.67 0.25 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.50 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.37 0.65 -75.74 | 83.77 1.22 -67.10 | 73.80 1.34 -56.67 | 66.44 1.33 -49.68 | 62.01 0.87 -50.82 |
| HUNTER MOUNT___DRP 323613 | 73.69 0.04 -72.61 | 69.04 0.04 -67.96 | 69.00 0.04 -67.92 | 67.12 0.02 -66.58 | 66.91 0.04 -65.84 | 69.67 0.04 -68.59 | 79.18 0.21 -73.30 | 79.70 0.35 -68.10 | 82.35 0.11 -77.98 | 82.96 0.12 -76.62 | 83.77 0.01 -77.69 | 84.52 0.02 -78.28 | 86.42 0.02 -81.89 | 88.94 0.01 -86.23 | 90.70 0.00 -89.66 | 93.27 0.00 -92.22 | 106.34 0.01 -105.30 | 111.97 0.03 -109.96 | 110.19 0.12 -103.77 | 100.98 0.16 -92.85 | 98.10 0.37 -82.28 | 84.09 0.28 -68.02 | 75.77 0.55 -59.78 | 73.47 0.36 -62.79 |
| HUNTINGTON_RES_REC 323705 | 74.54 0.12 -73.38 | 69.75 0.11 -68.60 | 59.87 0.10 -58.73 | 65.07 0.05 -64.50 | 69.43 0.10 -68.29 | 63.84 0.11 -62.69 | 82.61 0.63 -76.31 | 84.02 1.26 -71.51 | 83.92 0.48 -79.18 | 83.95 0.72 -77.01 | 82.32 0.64 -75.60 | 83.10 0.65 -76.24 | 83.71 0.47 -78.73 | 83.69 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.65 0.64 -102.71 | 104.21 0.79 -95.44 | 101.48 1.55 -84.48 | 98.55 1.61 -81.15 | 84.90 1.82 -67.65 | 82.47 1.23 -70.92 |
| HUNTLEY___63 23557 | 10.54 0.09 -9.41 | 9.90 0.09 -8.77 | 9.90 0.09 -8.77 | 9.15 0.04 -8.59 | 9.62 0.09 -8.49 | 9.98 0.10 -8.85 | 15.69 0.57 -9.46 | 21.10 1.05 -8.80 | 14.51 0.34 -9.92 | 16.55 0.50 -9.82 | 16.53 0.48 -9.97 | 16.74 0.48 -10.05 | 15.33 0.32 -10.51 | 13.97 0.19 -11.08 | 12.62 0.07 -11.52 | 12.97 0.07 -11.86 | 14.72 0.06 -13.62 | 16.31 0.14 -14.19 | 20.16 0.51 -13.35 | 20.39 0.63 -11.78 | 27.07 1.17 -10.44 | 25.62 1.14 -8.70 | 24.34 1.27 -7.64 | 19.43 0.99 -8.12 |
| HUNTLEY___64 23558 | 10.54 0.09 -9.41 | 9.90 0.09 -8.77 | 9.90 0.09 -8.77 | 9.15 0.04 -8.59 | 9.62 0.09 -8.49 | 9.98 0.10 -8.85 | 15.69 0.57 -9.46 | 21.10 1.05 -8.80 | 14.51 0.34 -9.92 | 16.55 0.50 -9.82 | 16.53 0.48 -9.97 | 16.74 0.48 -10.05 | 15.33 0.32 -10.51 | 13.97 0.19 -11.08 | 12.62 0.07 -11.52 | 12.97 0.07 -11.86 | 14.72 0.06 -13.62 | 16.31 0.14 -14.19 | 20.16 0.51 -13.35 | 20.39 0.63 -11.78 | 27.07 1.17 -10.44 | 25.62 1.14 -8.70 | 24.34 1.27 -7.64 | 19.43 0.99 -8.12 |
| HUNTLEY___65 23559 | 10.54 0.09 -9.41 | 9.90 0.09 -8.77 | 9.90 0.09 -8.77 | 9.15 0.04 -8.59 | 9.62 0.09 -8.49 | 9.98 0.10 -8.85 | 15.69 0.57 -9.46 | 21.10 1.05 -8.80 | 14.51 0.34 -9.92 | 16.55 0.50 -9.82 | 16.53 0.48 -9.97 | 16.74 0.48 -10.05 | 15.33 0.32 -10.51 | 13.97 0.19 -11.08 | 12.62 0.07 -11.52 | 12.97 0.07 -11.86 | 14.72 0.06 -13.62 | 16.31 0.14 -14.19 | 20.16 0.51 -13.35 | 20.39 0.63 -11.78 | 27.07 1.17 -10.44 | 25.62 1.14 -8.70 | 24.34 1.27 -7.64 | 19.43 0.99 -8.12 |
| HUNTLEY___66 23560 | 10.54 0.09 -9.41 | 9.90 0.09 -8.77 | 9.90 0.09 -8.77 | 9.15 0.04 -8.59 | 9.62 0.09 -8.49 | 9.98 0.10 -8.85 | 15.69 0.57 -9.46 | 21.10 1.05 -8.80 | 14.51 0.34 -9.92 | 16.55 0.50 -9.82 | 16.53 0.48 -9.97 | 16.74 0.48 -10.05 | 15.33 0.32 -10.51 | 13.97 0.19 -11.08 | 12.62 0.07 -11.52 | 12.97 0.07 -11.86 | 14.72 0.06 -13.62 | 16.31 0.14 -14.19 | 20.16 0.51 -13.35 | 20.39 0.63 -11.78 | 27.07 1.17 -10.44 | 25.62 1.14 -8.70 | 24.34 1.27 -7.64 | 19.43 0.99 -8.12 |
| HUNTLEY___67 23561 | 10.74 0.08 -9.62 | 10.09 0.08 -8.97 | 10.09 0.08 -8.98 | 9.34 0.04 -8.79 | 9.81 0.08 -8.69 | 10.17 0.09 -9.05 | 15.84 0.50 -9.67 | 21.14 0.89 -9.01 | 14.69 0.28 -10.15 | 16.69 0.42 -10.05 | 16.67 0.39 -10.20 | 16.89 0.39 -10.29 | 15.52 0.26 -10.75 | 14.19 0.15 -11.34 | 12.88 0.05 -11.78 | 13.24 0.06 -12.14 | 15.02 0.05 -13.94 | 16.62 0.11 -14.52 | 20.39 0.42 -13.67 | 20.55 0.52 -12.06 | 27.09 0.96 -10.68 | 25.62 0.93 -8.90 | 24.33 1.08 -7.82 | 19.49 0.87 -8.30 |
| HUNTLEY___68 23562 | 10.74 0.08 -9.62 | 10.09 0.08 -8.97 | 10.09 0.08 -8.98 | 9.34 0.04 -8.79 | 9.81 0.08 -8.69 | 10.17 0.09 -9.05 | 15.84 0.50 -9.67 | 21.14 0.89 -9.01 | 14.69 0.28 -10.15 | 16.69 0.42 -10.05 | 16.67 0.39 -10.20 | 16.89 0.39 -10.29 | 15.52 0.26 -10.75 | 14.19 0.15 -11.34 | 12.88 0.05 -11.78 | 13.24 0.06 -12.14 | 15.02 0.05 -13.94 | 16.62 0.11 -14.52 | 20.39 0.42 -13.67 | 20.55 0.52 -12.06 | 27.09 0.96 -10.68 | 25.62 0.93 -8.90 | 24.33 1.08 -7.82 | 19.49 0.87 -8.30 |
| HYLAND___LFGE 323620 | 11.65 0.11 -10.50 | 10.93 0.10 -9.79 | 10.93 0.10 -9.80 | 10.15 0.05 -9.59 | 10.62 0.11 -9.48 | 11.03 0.11 -9.88 | 16.88 0.65 -10.56 | 22.08 1.00 -9.83 | 15.74 0.30 -11.19 | 17.70 0.40 -11.08 | 17.65 0.33 -11.24 | 17.88 0.34 -11.33 | 16.57 0.22 -11.85 | 15.33 0.15 -12.49 | 14.07 0.05 -12.98 | 14.47 0.06 -13.37 | 16.44 0.05 -15.36 | 18.10 0.12 -16.00 | 21.87 0.52 -15.06 | 22.04 0.78 -13.28 | 28.83 1.61 -11.77 | 27.17 1.58 -9.81 | 25.62 1.58 -8.61 | 20.51 1.13 -9.06 |
| INDECK___CORINTH 23802 | 90.04 0.04 -88.96 | 84.95 0.04 -83.87 | 84.70 0.03 -83.64 | 82.70 0.02 -82.17 | 82.33 0.03 -81.26 | 85.73 0.04 -84.65 | 96.50 0.29 -90.54 | 95.82 0.55 -84.02 | 99.79 0.23 -95.31 | 98.97 0.24 -92.51 | 99.88 0.21 -93.60 | 100.65 0.12 -94.31 | 103.36 0.13 -98.73 | 106.40 0.08 -103.62 | 108.81 0.04 -107.72 | 111.64 0.04 -110.55 | 126.04 0.05 -124.95 | 133.13 0.11 -131.05 | 131.08 0.33 -124.45 | 122.56 0.44 -114.15 | 117.33 0.90 -100.98 | 98.97 0.82 -82.36 | 88.64 0.71 -72.49 | 87.95 0.42 -77.21 |
| INDECK___ILION 23567 | 1.04 0.01 0.00 | 1.04 0.01 0.00 | 1.04 0.01 0.00 | 0.52 0.00 0.00 | 1.04 0.01 0.00 | 1.04 0.01 0.00 | 5.78 0.03 -0.08 | 11.62 0.07 -0.31 | 4.34 0.01 -0.08 | 6.39 0.02 -0.15 | 6.27 0.04 -0.17 | 6.43 0.03 -0.11 | 4.65 0.02 -0.05 | 2.77 0.02 0.00 | 1.05 0.01 0.00 | 1.05 0.01 0.00 | 1.04 0.01 0.00 | 2.03 0.01 -0.03 | 6.55 0.05 -0.20 | 8.31 0.08 -0.26 | 15.64 0.19 0.00 | 15.96 0.17 0.00 | 15.56 0.12 0.00 | 10.40 0.08 0.00 |
| INDECK___OLEAN 23982 | 11.57 0.09 -10.45 | 10.86 0.09 -9.74 | 10.87 0.09 -9.75 | 10.10 0.04 -9.54 | 10.56 0.09 -9.43 | 10.96 0.09 -9.83 | 16.72 0.55 -10.50 | 21.90 0.88 -9.78 | 15.34 0.29 -10.79 | 17.33 0.42 -10.69 | 17.30 0.38 -10.85 | 17.53 0.38 -10.93 | 16.18 0.25 -11.43 | 14.90 0.15 -12.05 | 13.62 0.05 -12.53 | 14.00 0.06 -12.90 | 15.90 0.05 -14.82 | 17.53 0.11 -15.44 | 21.24 0.42 -14.53 | 21.33 0.53 -12.82 | 27.83 1.02 -11.36 | 26.24 1.00 -9.46 | 25.04 1.30 -8.31 | 20.33 0.99 -9.02 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| INDECK___OSWEGO 23783 | 5.95 0.00 -4.92 | 5.61 -0.01 -4.58 | 5.62 -0.01 -4.59 | 5.00 0.00 -4.49 | 5.47 -0.01 -4.44 | 5.66 -0.01 -4.63 | 10.61 -0.01 -4.94 | 15.84 -0.01 -4.60 | 9.52 -0.02 -5.28 | 11.43 -0.02 -5.23 | 11.37 -0.01 -5.31 | 11.56 -0.01 -5.36 | 10.09 -0.02 -5.60 | 8.59 -0.01 -5.90 | 7.17 -0.01 -6.14 | 7.36 0.00 -6.32 | 8.29 -0.01 -7.26 | 9.54 -0.01 -7.56 | 13.40 -0.01 -7.11 | 14.24 -0.02 -6.28 | 21.00 -0.02 -5.56 | 20.39 -0.03 -4.63 | 19.46 -0.05 -4.07 | 14.54 -0.03 -4.24 |
| INDECK___YERKES 23781 | 10.54 0.10 -9.41 | 9.90 0.09 -8.77 | 9.90 0.09 -8.77 | 9.15 0.04 -8.59 | 9.62 0.09 -8.49 | 9.98 0.10 -8.85 | 15.71 0.58 -9.46 | 21.11 1.06 -8.80 | 14.52 0.34 -9.92 | 16.55 0.51 -9.82 | 16.54 0.49 -9.97 | 16.76 0.49 -10.05 | 15.34 0.32 -10.51 | 13.97 0.20 -11.08 | 12.62 0.07 -11.52 | 12.97 0.07 -11.86 | 14.72 0.07 -13.62 | 16.32 0.14 -14.19 | 20.17 0.52 -13.35 | 20.40 0.65 -11.78 | 27.10 1.21 -10.44 | 25.65 1.17 -8.70 | 24.35 1.28 -7.64 | 19.44 1.00 -8.12 |
| INDIAN POINT_GT_1 24139 | 59.64 0.07 -58.53 | 55.25 0.07 -54.15 | 55.41 0.06 -54.31 | 53.59 0.03 -53.05 | 53.55 0.06 -52.46 | 55.75 0.07 -54.65 | 64.45 0.39 -58.40 | 66.60 0.78 -54.58 | 68.02 0.31 -63.46 | 70.31 0.49 -63.61 | 71.29 0.51 -64.70 | 71.97 0.53 -65.22 | 72.99 0.38 -68.10 | 74.92 0.23 -72.00 | 75.91 0.09 -74.78 | 78.32 0.09 -77.19 | 90.58 0.08 -89.46 | 95.06 0.15 -92.92 | 93.81 0.49 -87.02 | 83.58 0.61 -74.99 | 83.06 1.17 -66.43 | 73.12 1.23 -56.10 | 65.78 1.16 -49.18 | 61.40 0.76 -50.32 |
| INDIAN POINT_GT_2 23659 | 59.64 0.07 -58.53 | 55.25 0.07 -54.15 | 55.41 0.06 -54.31 | 53.59 0.03 -53.05 | 53.55 0.06 -52.46 | 55.75 0.07 -54.65 | 64.45 0.39 -58.40 | 66.60 0.78 -54.58 | 68.02 0.31 -63.46 | 70.31 0.49 -63.61 | 71.29 0.51 -64.70 | 71.97 0.53 -65.22 | 72.99 0.38 -68.10 | 74.92 0.23 -72.00 | 75.91 0.09 -74.78 | 78.32 0.09 -77.19 | 90.58 0.08 -89.46 | 95.06 0.15 -92.92 | 93.81 0.49 -87.02 | 83.58 0.61 -74.99 | 83.06 1.17 -66.43 | 73.12 1.23 -56.10 | 65.78 1.16 -49.18 | 61.40 0.76 -50.32 |
| INDIAN POINT_GT_3 24019 | 59.64 0.07 -58.53 | 55.25 0.07 -54.15 | 55.41 0.06 -54.31 | 53.59 0.03 -53.05 | 53.55 0.06 -52.46 | 55.75 0.07 -54.65 | 64.45 0.39 -58.40 | 66.60 0.78 -54.58 | 68.02 0.31 -63.46 | 70.31 0.49 -63.61 | 71.29 0.51 -64.70 | 71.97 0.53 -65.22 | 72.99 0.38 -68.10 | 74.92 0.23 -72.00 | 75.91 0.09 -74.78 | 78.32 0.09 -77.19 | 90.58 0.08 -89.46 | 95.06 0.15 -92.92 | 93.81 0.49 -87.02 | 83.58 0.61 -74.99 | 83.06 1.17 -66.43 | 73.12 1.23 -56.10 | 65.78 1.16 -49.18 | 61.40 0.76 -50.32 |
| INDIAN POINT___2 23530 | 58.91 0.07 -57.79 | 54.58 0.07 -53.48 | 54.74 0.06 -53.64 | 52.94 0.03 -52.39 | 52.90 0.06 -51.81 | 55.08 0.07 -53.97 | 63.73 0.39 -57.68 | 65.92 0.78 -53.90 | 67.22 0.31 -62.66 | 69.50 0.49 -62.79 | 70.45 0.51 -63.87 | 71.13 0.53 -64.39 | 72.11 0.38 -67.22 | 73.99 0.23 -71.07 | 74.95 0.09 -73.82 | 77.32 0.09 -76.19 | 89.41 0.08 -88.29 | 93.85 0.15 -91.71 | 92.69 0.49 -85.90 | 82.64 0.61 -74.05 | 82.23 1.17 -65.60 | 72.41 1.23 -55.39 | 65.15 1.16 -48.56 | 60.78 0.76 -49.69 |
| INDIAN POINT___3 23531 | 59.66 0.07 -58.55 | 55.27 0.07 -54.17 | 55.43 0.06 -54.34 | 53.62 0.03 -53.07 | 53.57 0.06 -52.48 | 55.78 0.07 -54.67 | 64.47 0.38 -58.43 | 66.61 0.77 -54.60 | 68.04 0.31 -63.48 | 70.33 0.48 -63.64 | 71.31 0.50 -64.73 | 71.99 0.52 -65.25 | 73.01 0.38 -68.13 | 74.95 0.22 -72.03 | 75.94 0.09 -74.82 | 78.35 0.09 -77.22 | 90.62 0.08 -89.50 | 95.10 0.15 -92.96 | 93.84 0.48 -87.06 | 83.60 0.61 -75.02 | 83.07 1.16 -66.46 | 73.13 1.22 -56.13 | 65.80 1.16 -49.21 | 61.41 0.75 -50.34 |
| IP CORINTH___1 23988 | 90.04 0.05 -88.96 | 84.95 0.04 -83.87 | 84.71 0.04 -83.64 | 82.71 0.02 -82.17 | 82.34 0.04 -81.26 | 85.74 0.05 -84.65 | 96.53 0.32 -90.54 | 95.90 0.63 -84.02 | 99.82 0.26 -95.31 | 99.00 0.27 -92.51 | 99.92 0.24 -93.60 | 100.69 0.16 -94.31 | 103.39 0.15 -98.73 | 106.42 0.10 -103.62 | 108.81 0.05 -107.72 | 111.65 0.05 -110.55 | 126.04 0.05 -124.95 | 133.15 0.12 -131.05 | 131.12 0.37 -124.45 | 122.62 0.49 -114.15 | 117.42 0.99 -100.98 | 99.06 0.92 -82.36 | 88.73 0.80 -72.49 | 88.01 0.49 -77.21 |
| IP___TICONDEROGA 23804 | 89.88 0.09 -88.75 | 84.81 0.09 -83.69 | 84.56 0.08 -83.45 | 82.55 0.04 -81.99 | 82.20 0.08 -81.08 | 85.60 0.09 -84.47 | 96.61 0.60 -90.35 | 96.18 1.10 -83.83 | 99.79 0.46 -95.07 | 99.03 0.55 -92.26 | 99.95 0.53 -93.34 | 100.72 0.45 -94.05 | 103.31 0.34 -98.46 | 106.24 0.21 -103.33 | 108.55 0.09 -107.42 | 111.37 0.09 -110.24 | 125.70 0.09 -124.57 | 132.83 0.19 -130.66 | 131.01 0.62 -124.10 | 122.67 0.82 -113.88 | 117.83 1.64 -100.74 | 99.49 1.56 -82.14 | 89.05 1.31 -72.30 | 88.18 0.83 -77.03 |
| ISLIP_RES_REC 323679 | 74.55 0.12 -73.39 | 69.76 0.12 -68.61 | 59.88 0.11 -58.73 | 65.08 0.06 -64.51 | 69.45 0.11 -68.30 | 63.85 0.12 -62.70 | 82.65 0.67 -76.31 | 84.12 1.36 -71.51 | 83.96 0.52 -79.18 | 84.00 0.76 -77.01 | 82.36 0.69 -75.60 | 83.15 0.70 -76.24 | 83.75 0.51 -78.73 | 83.71 0.30 -80.71 | 84.51 0.12 -83.35 | 84.60 0.12 -83.44 | 96.41 0.12 -95.25 | 104.58 0.22 -102.37 | 109.72 0.71 -102.71 | 104.31 0.89 -95.44 | 101.68 1.75 -84.48 | 98.75 1.81 -81.15 | 85.01 1.93 -67.65 | 82.50 1.26 -70.92 |
| JARVIS____ 23743 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 0.52 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 5.77 0.02 -0.08 | 11.59 0.03 -0.31 | 4.34 0.01 -0.08 | 6.39 0.01 -0.15 | 6.24 0.02 -0.15 | 6.40 0.02 -0.17 | 4.64 0.01 -0.11 | 2.76 0.01 -0.05 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 2.02 0.01 -0.03 | 6.52 0.03 -0.20 | 8.27 0.04 -0.26 | 15.53 0.08 0.00 | 15.87 0.08 0.00 | 15.50 0.06 0.00 | 10.36 0.04 0.00 |
| JENNISON___1 23625 | 21.02 0.07 -19.91 | 19.66 0.06 -18.56 | 19.67 0.06 -18.57 | 18.73 0.03 -18.18 | 19.08 0.07 -17.98 | 19.84 0.07 -18.73 | 26.11 0.43 -20.02 | 30.75 0.87 -18.64 | 26.16 0.27 -21.63 | 28.01 0.37 -21.42 | 28.20 0.38 -21.74 | 28.52 0.39 -21.91 | 27.68 0.27 -22.91 | 27.00 0.15 -24.16 | 26.20 0.06 -25.10 | 26.96 0.06 -25.86 | 30.78 0.05 -29.69 | 33.05 0.12 -30.95 | 35.84 0.43 -29.12 | 34.24 0.57 -25.69 | 39.37 1.16 -22.76 | 35.86 1.10 -18.97 | 33.09 1.00 -16.65 | 28.17 0.66 -17.18 |
| JENNISON___2 23626 | 21.02 0.07 -19.91 | 19.66 0.06 -18.56 | 19.67 0.06 -18.57 | 18.73 0.03 -18.18 | 19.08 0.07 -17.98 | 19.84 0.07 -18.73 | 26.11 0.43 -20.02 | 30.75 0.87 -18.64 | 26.16 0.27 -21.63 | 28.01 0.37 -21.42 | 28.20 0.38 -21.74 | 28.52 0.39 -21.91 | 27.68 0.27 -22.91 | 27.00 0.15 -24.16 | 26.20 0.06 -25.10 | 26.96 0.06 -25.86 | 30.78 0.05 -29.69 | 33.05 0.12 -30.95 | 35.84 0.43 -29.12 | 34.24 0.57 -25.69 | 39.37 1.16 -22.76 | 35.86 1.10 -18.97 | 33.09 1.00 -16.65 | 28.17 0.66 -17.18 |
| JERICHO_RISE_WT_PWR 323719 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.97 -0.06 0.00 | 2.91 -0.37 2.38 | 1.67 -0.78 8.80 | 1.82 -0.29 2.15 | 1.40 -0.44 4.39 | 1.37 -0.45 4.25 | 0.85 -0.49 4.88 | 0.15 -0.37 3.99 | 0.92 -0.21 1.56 | 0.08 -0.08 0.88 | 0.08 -0.08 0.88 | 0.96 -0.08 0.00 | 0.94 -0.15 0.89 | 1.38 -0.47 4.45 | 1.77 -0.57 5.64 | 14.45 -1.00 0.00 | 14.81 -0.98 0.00 | 14.54 -0.90 0.00 | 9.75 -0.57 0.00 |
| KCE_NY_1 323755 | 89.56 0.06 -88.46 | 84.52 0.06 -83.43 | 84.27 0.05 -83.19 | 82.28 0.02 -81.74 | 81.92 0.05 -80.83 | 85.30 0.06 -84.21 | 96.10 0.36 -90.07 | 95.52 0.71 -83.56 | 99.28 0.29 -94.74 | 98.48 0.36 -91.90 | 99.39 0.34 -92.98 | 100.21 0.31 -93.68 | 102.82 0.23 -98.07 | 105.76 0.15 -102.92 | 108.10 0.06 -107.00 | 110.90 0.06 -109.80 | 125.14 0.06 -124.04 | 132.22 0.13 -130.11 | 130.31 0.42 -123.59 | 122.02 0.55 -113.49 | 116.93 1.08 -100.40 | 98.66 1.04 -81.84 | 88.43 0.96 -72.04 | 87.70 0.59 -76.79 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| KEDC PORT_JEFF_GT2 24210 | 74.60 0.12 -73.44 | 69.81 0.11 -68.66 | 59.88 0.11 -58.74 | 65.12 0.05 -64.55 | 69.50 0.10 -68.36 | 63.88 0.11 -62.73 | 82.62 0.63 -76.31 | 84.04 1.28 -71.51 | 83.92 0.48 -79.18 | 83.95 0.72 -77.01 | 82.33 0.66 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.66 0.65 -102.71 | 104.22 0.81 -95.44 | 101.57 1.64 -84.48 | 98.64 1.71 -81.15 | 84.90 1.82 -67.65 | 82.43 1.20 -70.92 |
| KEDC PORT_JEFF_GT3 24211 | 74.60 0.12 -73.44 | 69.81 0.11 -68.66 | 59.88 0.11 -58.74 | 65.12 0.05 -64.55 | 69.50 0.10 -68.36 | 63.88 0.11 -62.73 | 82.62 0.63 -76.31 | 84.04 1.28 -71.51 | 83.92 0.48 -79.18 | 83.95 0.72 -77.01 | 82.33 0.66 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.66 0.65 -102.71 | 104.22 0.81 -95.44 | 101.57 1.64 -84.48 | 98.64 1.71 -81.15 | 84.90 1.82 -67.65 | 82.43 1.20 -70.92 |
| KEDC_GLWD_GT4 24219 | 67.52 0.10 -66.38 | 62.87 0.09 -61.74 | 57.94 0.08 -56.82 | 59.68 0.04 -59.12 | 61.86 0.08 -60.75 | 60.13 0.09 -59.00 | 82.49 0.51 -76.31 | 83.79 1.03 -71.51 | 83.84 0.40 -79.18 | 83.86 0.63 -77.01 | 82.32 0.65 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.41 1.48 -84.48 | 98.50 1.56 -81.15 | 84.61 1.53 -67.65 | 82.24 1.00 -70.92 |
| KEDC_GLWD_GT5 24220 | 67.52 0.10 -66.38 | 62.87 0.09 -61.74 | 57.94 0.08 -56.82 | 59.68 0.04 -59.12 | 61.86 0.08 -60.75 | 60.13 0.09 -59.00 | 82.49 0.51 -76.31 | 83.79 1.03 -71.51 | 83.84 0.40 -79.18 | 83.86 0.63 -77.01 | 82.32 0.65 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.41 1.48 -84.48 | 98.50 1.56 -81.15 | 84.61 1.53 -67.65 | 82.24 1.00 -70.92 |
| KENSICO____ 23655 | 60.10 0.08 -58.98 | 55.67 0.07 -54.56 | 55.84 0.06 -54.74 | 54.01 0.03 -53.46 | 53.96 0.06 -52.86 | 56.18 0.07 -55.07 | 64.92 0.40 -58.85 | 67.05 0.80 -55.00 | 68.53 0.32 -63.95 | 70.83 0.50 -64.11 | 71.82 0.53 -65.22 | 72.51 0.55 -65.74 | 73.54 0.39 -68.64 | 75.50 0.23 -72.57 | 76.51 0.09 -75.38 | 78.94 0.09 -77.80 | 91.30 0.09 -90.18 | 95.81 0.16 -93.67 | 94.52 0.50 -87.72 | 84.18 0.63 -75.57 | 83.61 1.21 -66.95 | 73.60 1.26 -56.55 | 66.21 1.20 -49.57 | 61.81 0.78 -50.71 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 57.96 0.08 -56.83 | 53.85 0.08 -52.74 | 53.96 0.07 -52.85 | 52.22 0.04 -51.67 | 52.20 0.07 -51.10 | 54.35 0.08 -53.23 | 63.00 0.45 -56.89 | 65.17 0.84 -53.08 | 66.05 0.31 -61.48 | 68.01 0.48 -61.31 | 68.91 0.52 -62.32 | 69.57 0.53 -62.82 | 70.51 0.38 -65.62 | 72.23 0.23 -69.31 | 73.13 0.09 -72.00 | 75.39 0.09 -74.26 | 86.87 0.09 -85.74 | 91.33 0.17 -89.18 | 90.56 0.59 -83.68 | 81.50 0.73 -72.79 | 81.38 1.44 -64.49 | 71.38 1.42 -54.17 | 64.21 1.25 -47.52 | 60.09 0.84 -48.94 |
| KIAC_JFK_GT1 23816 | 60.23 0.09 -59.11 | 55.80 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.09 0.44 -58.98 | 67.28 0.91 -55.12 | 68.70 0.36 -64.09 | 71.04 0.57 -64.25 | 71.99 0.56 -65.36 | 72.67 0.57 -65.89 | 73.71 0.41 -68.79 | 75.67 0.25 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.72 0.52 -87.91 | 84.36 0.65 -75.74 | 83.75 1.21 -67.10 | 73.80 1.34 -56.67 | 66.51 1.39 -49.68 | 62.04 0.90 -50.82 |
| KIAC_JFK_GT2 23817 | 60.23 0.09 -59.11 | 55.80 0.08 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.09 0.44 -58.98 | 67.28 0.91 -55.12 | 68.70 0.36 -64.09 | 71.04 0.57 -64.25 | 71.99 0.56 -65.36 | 72.67 0.57 -65.89 | 73.71 0.41 -68.79 | 75.67 0.25 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.72 0.52 -87.91 | 84.36 0.65 -75.74 | 83.75 1.21 -67.10 | 73.80 1.34 -56.67 | 66.51 1.39 -49.68 | 62.04 0.90 -50.82 |
| KINTIGH____ 23543 | 9.86 0.06 -8.76 | 9.26 0.06 -8.17 | 9.27 0.06 -8.17 | 8.54 0.03 -8.00 | 9.01 0.06 -7.91 | 9.34 0.06 -8.24 | 14.86 0.38 -8.81 | 20.10 0.65 -8.20 | 13.66 0.20 -9.21 | 15.64 0.30 -9.11 | 15.60 0.27 -9.25 | 15.82 0.28 -9.33 | 14.44 0.18 -9.75 | 13.08 0.11 -10.28 | 11.76 0.04 -10.68 | 12.09 0.04 -11.00 | 13.71 0.04 -12.64 | 15.23 0.08 -13.17 | 18.98 0.30 -12.39 | 19.27 0.36 -10.93 | 25.80 0.66 -9.69 | 24.49 0.63 -8.07 | 23.29 0.77 -7.09 | 18.51 0.63 -7.56 |
| LACHUTE__HYDRO 323717 | 89.88 0.09 -88.75 | 84.81 0.09 -83.69 | 84.56 0.08 -83.45 | 82.55 0.04 -81.99 | 82.20 0.08 -81.08 | 85.60 0.09 -84.47 | 96.61 0.60 -90.35 | 96.18 1.10 -83.83 | 99.79 0.46 -95.07 | 99.03 0.55 -92.26 | 99.95 0.53 -93.34 | 100.72 0.45 -94.05 | 103.31 0.34 -98.46 | 106.24 0.21 -103.33 | 108.55 0.09 -107.42 | 111.37 0.09 -110.24 | 125.70 0.09 -124.57 | 132.83 0.19 -130.66 | 131.01 0.62 -124.10 | 122.67 0.82 -113.88 | 117.83 1.64 -100.74 | 99.49 1.56 -82.14 | 89.05 1.31 -72.30 | 88.18 0.83 -77.03 |
| LEDERLE____ 23769 | 58.11 0.08 -56.99 | 53.85 0.07 -52.74 | 54.00 0.07 -52.90 | 52.22 0.03 -51.67 | 52.19 0.06 -51.09 | 54.34 0.07 -53.23 | 62.96 0.41 -56.88 | 65.23 0.83 -53.15 | 66.36 0.33 -61.78 | 68.64 0.52 -61.90 | 69.58 0.55 -62.96 | 70.26 0.57 -63.47 | 71.19 0.41 -66.27 | 73.00 0.25 -70.06 | 73.91 0.09 -72.77 | 76.24 0.09 -75.11 | 88.15 0.09 -87.02 | 92.55 0.17 -90.40 | 91.50 0.53 -84.67 | 81.66 0.66 -73.02 | 81.41 1.27 -64.69 | 71.70 1.31 -54.61 | 64.55 1.24 -47.87 | 60.13 0.81 -49.00 |
| LINDEN COGEN____ 23786 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.95 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.06 0.41 -58.98 | 67.18 0.81 -55.12 | 68.67 0.32 -64.09 | 70.99 0.52 -64.25 | 72.00 0.57 -65.36 | 72.68 0.58 -65.89 | 73.71 0.41 -68.79 | 75.67 0.24 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.71 0.50 -87.91 | 84.35 0.64 -75.74 | 83.75 1.21 -67.10 | 73.80 1.34 -56.67 | 66.41 1.30 -49.68 | 62.01 0.87 -50.82 |
| LIPA_MISC_IPP 23656 | 74.63 0.12 -73.47 | 69.84 0.11 -68.69 | 59.89 0.10 -58.75 | 65.14 0.05 -64.58 | 69.53 0.10 -68.39 | 63.89 0.11 -62.74 | 82.62 0.63 -76.31 | 84.04 1.28 -71.51 | 83.92 0.48 -79.18 | 83.94 0.71 -77.01 | 82.32 0.64 -75.60 | 83.11 0.66 -76.24 | 83.72 0.48 -78.73 | 83.69 0.28 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.68 0.67 -102.71 | 104.26 0.84 -95.44 | 101.57 1.64 -84.48 | 98.64 1.71 -81.15 | 84.92 1.84 -67.65 | 82.42 1.19 -70.92 |
| LISF__SOLAR 323691 | 74.62 0.12 -73.46 | 69.83 0.11 -68.68 | 59.89 0.11 -58.75 | 65.13 0.05 -64.57 | 69.52 0.10 -68.38 | 63.89 0.11 -62.74 | 82.62 0.64 -76.31 | 84.05 1.29 -71.51 | 83.93 0.49 -79.18 | 83.94 0.71 -77.01 | 82.32 0.65 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.12 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.70 0.69 -102.71 | 104.28 0.86 -95.44 | 101.60 1.67 -84.48 | 98.67 1.74 -81.15 | 84.93 1.85 -67.65 | 82.43 1.20 -70.92 |
| LITTLE FALLS__HYD 24013 | 1.05 0.01 0.00 | 1.04 0.01 0.00 | 1.04 0.01 0.00 | 0.52 0.00 0.00 | 1.04 0.01 0.00 | 1.04 0.01 0.00 | 5.80 0.05 -0.08 | 11.62 0.07 -0.31 | 4.34 0.01 -0.08 | 6.39 0.01 -0.15 | 6.28 0.05 -0.15 | 6.44 0.05 -0.17 | 4.66 0.04 -0.11 | 2.77 0.02 -0.05 | 1.05 0.01 0.00 | 1.05 0.01 0.00 | 1.04 0.00 0.00 | 2.03 0.01 -0.03 | 6.55 0.06 -0.20 | 8.33 0.10 -0.26 | 15.68 0.23 0.00 | 16.04 0.25 0.00 | 15.61 0.17 0.00 | 10.46 0.13 0.00 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| LI_NEWBRIDGE___DRP 323616 | 75.14 0.11 -73.99 | 70.34 0.10 -69.21 | 60.02 0.09 -58.90 | 65.54 0.05 -64.98 | 70.09 0.09 -68.96 | 64.16 0.10 -63.02 | 82.54 0.56 -76.31 | 83.87 1.11 -71.51 | 83.87 0.43 -79.18 | 83.89 0.66 -77.01 | 82.30 0.63 -75.60 | 83.10 0.65 -76.24 | 83.71 0.46 -78.73 | 83.68 0.28 -80.71 | 84.49 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.62 0.60 -102.71 | 104.18 0.76 -95.44 | 101.38 1.45 -84.48 | 98.47 1.53 -81.15 | 84.70 1.62 -67.65 | 82.32 1.08 -70.92 |
| LOCKPORT___CC1 323769 | 10.29 0.08 -9.17 | 9.67 0.08 -8.55 | 9.67 0.08 -8.56 | 8.93 0.04 -8.38 | 9.40 0.08 -8.28 | 9.75 0.09 -8.63 | 15.39 0.50 -9.22 | 20.72 0.89 -8.58 | 14.21 0.27 -9.68 | 16.22 0.42 -9.59 | 16.20 0.39 -9.73 | 16.41 0.39 -9.81 | 15.01 0.25 -10.25 | 13.66 0.15 -10.81 | 12.33 0.05 -11.24 | 12.67 0.06 -11.58 | 14.38 0.05 -13.29 | 15.95 0.11 -13.85 | 19.75 0.42 -13.03 | 19.98 0.51 -11.50 | 26.58 0.94 -10.19 | 25.18 0.90 -8.49 | 23.94 1.05 -7.45 | 19.08 0.85 -7.91 |
| LOCKPORT___CC2 323770 | 10.29 0.08 -9.17 | 9.67 0.08 -8.55 | 9.67 0.08 -8.56 | 8.93 0.04 -8.38 | 9.40 0.08 -8.28 | 9.75 0.09 -8.63 | 15.39 0.50 -9.22 | 20.72 0.89 -8.58 | 14.21 0.27 -9.68 | 16.22 0.42 -9.59 | 16.20 0.39 -9.73 | 16.41 0.39 -9.81 | 15.01 0.25 -10.25 | 13.66 0.15 -10.81 | 12.33 0.05 -11.24 | 12.67 0.06 -11.58 | 14.38 0.05 -13.29 | 15.95 0.11 -13.85 | 19.75 0.42 -13.03 | 19.98 0.51 -11.50 | 26.58 0.94 -10.19 | 25.18 0.90 -8.49 | 23.94 1.05 -7.45 | 19.08 0.85 -7.91 |
| LOCKPORT___CC3 323771 | 10.29 0.08 -9.17 | 9.67 0.08 -8.55 | 9.67 0.08 -8.56 | 8.93 0.04 -8.38 | 9.40 0.08 -8.28 | 9.75 0.09 -8.63 | 15.39 0.50 -9.22 | 20.72 0.89 -8.58 | 14.21 0.27 -9.68 | 16.22 0.42 -9.59 | 16.20 0.39 -9.73 | 16.41 0.39 -9.81 | 15.01 0.25 -10.25 | 13.66 0.15 -10.81 | 12.33 0.05 -11.24 | 12.67 0.06 -11.58 | 14.38 0.05 -13.29 | 15.95 0.11 -13.85 | 19.75 0.42 -13.03 | 19.98 0.51 -11.50 | 26.58 0.94 -10.19 | 25.18 0.90 -8.49 | 23.94 1.05 -7.45 | 19.08 0.85 -7.91 |
| LONG_LAKE_PHOENIX 24014 | 6.11 0.00 -5.07 | 5.76 0.00 -4.73 | 5.76 0.00 -4.73 | 5.14 0.00 -4.63 | 5.61 0.00 -4.58 | 5.81 0.00 -4.77 | 10.80 0.03 -5.10 | 16.05 0.06 -4.75 | 9.71 0.01 -5.45 | 11.63 0.02 -5.39 | 11.58 0.04 -5.47 | 11.78 0.04 -5.52 | 10.30 0.02 -5.77 | 8.79 0.01 -6.08 | 7.37 0.00 -6.32 | 7.56 0.01 -6.51 | 8.52 0.00 -7.48 | 9.79 0.01 -7.79 | 13.67 0.04 -7.33 | 14.50 0.06 -6.47 | 21.32 0.14 -5.73 | 20.67 0.11 -4.78 | 19.68 0.05 -4.19 | 14.73 0.03 -4.37 |
| LOVETT___3 23632 | 58.34 0.07 -57.23 | 54.06 0.07 -52.95 | 54.21 0.06 -53.12 | 52.43 0.03 -51.88 | 52.40 0.06 -51.30 | 54.55 0.07 -53.45 | 63.17 0.39 -57.12 | 65.40 0.78 -53.37 | 66.60 0.31 -62.04 | 68.87 0.49 -62.16 | 69.81 0.51 -63.23 | 70.48 0.53 -63.74 | 71.44 0.38 -66.55 | 73.28 0.23 -70.36 | 74.21 0.09 -73.08 | 76.55 0.09 -75.43 | 88.51 0.08 -87.39 | 92.92 0.15 -90.78 | 91.82 0.49 -85.03 | 81.91 0.61 -73.32 | 81.58 1.17 -64.96 | 71.84 1.22 -54.84 | 64.67 1.16 -48.08 | 60.28 0.75 -49.20 |
| LOVETT___4 23642 | 58.34 0.07 -57.23 | 54.06 0.07 -52.95 | 54.21 0.06 -53.12 | 52.43 0.03 -51.88 | 52.40 0.06 -51.30 | 54.55 0.07 -53.45 | 63.17 0.39 -57.12 | 65.40 0.78 -53.37 | 66.60 0.31 -62.04 | 68.87 0.49 -62.16 | 69.81 0.51 -63.23 | 70.48 0.53 -63.74 | 71.44 0.38 -66.55 | 73.28 0.23 -70.36 | 74.21 0.09 -73.08 | 76.55 0.09 -75.43 | 88.51 0.08 -87.39 | 92.92 0.15 -90.78 | 91.82 0.49 -85.03 | 81.91 0.61 -73.32 | 81.58 1.17 -64.96 | 71.84 1.22 -54.84 | 64.67 1.16 -48.08 | 60.28 0.75 -49.20 |
| LOVETT___5 23593 | 58.34 0.07 -57.23 | 54.06 0.07 -52.95 | 54.21 0.06 -53.12 | 52.43 0.03 -51.88 | 52.40 0.06 -51.30 | 54.55 0.07 -53.45 | 63.17 0.39 -57.12 | 65.40 0.78 -53.37 | 66.60 0.31 -62.04 | 68.87 0.49 -62.16 | 69.81 0.51 -63.23 | 70.48 0.53 -63.74 | 71.44 0.38 -66.55 | 73.28 0.23 -70.36 | 74.21 0.09 -73.08 | 76.55 0.09 -75.43 | 88.51 0.08 -87.39 | 92.92 0.15 -90.78 | 91.82 0.49 -85.03 | 81.91 0.61 -73.32 | 81.58 1.17 -64.96 | 71.84 1.22 -54.84 | 64.67 1.16 -48.08 | 60.28 0.75 -49.20 |
| LOWER RAQUET___HYD 24057 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.00 -0.03 0.00 | 0.50 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.52 -0.19 1.95 | 3.69 -0.35 7.20 | 2.37 -0.12 1.76 | 2.42 -0.21 3.59 | 2.39 -0.20 3.48 | 2.02 -0.20 3.99 | 1.55 -0.14 2.81 | 1.31 -0.10 1.28 | 0.83 -0.05 0.16 | 0.83 -0.06 0.16 | 0.99 -0.05 0.00 | 1.16 -0.10 0.73 | 2.33 -0.33 3.64 | 2.94 -0.42 4.61 | 14.73 -0.73 0.00 | 15.27 -0.52 0.00 | 14.88 -0.56 0.00 | 9.96 -0.36 0.00 |
| LOWER___HUDSON 24059 | 86.30 0.04 -85.21 | 81.61 0.04 -80.53 | 81.32 0.04 -80.25 | 79.43 0.02 -78.90 | 79.09 0.04 -78.02 | 82.36 0.04 -81.28 | 92.87 0.28 -86.93 | 92.34 0.53 -80.56 | 95.53 0.21 -91.07 | 94.52 0.29 -88.01 | 95.34 0.28 -88.99 | 96.14 0.27 -89.66 | 98.61 0.20 -93.90 | 101.28 0.12 -98.46 | 103.48 0.05 -102.39 | 106.09 0.05 -105.00 | 119.37 0.05 -118.28 | 126.27 0.10 -124.19 | 124.76 0.32 -118.14 | 117.62 0.41 -109.23 | 112.91 0.82 -96.64 | 95.06 0.80 -78.47 | 85.28 0.74 -69.11 | 84.80 0.43 -74.04 |
| LWR___OSWEGATCHIE_HYD 23850 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 0.51 0.00 0.00 | 1.03 -0.01 0.00 | 1.03 0.00 0.00 | 4.32 -0.02 1.33 | 6.32 -0.02 4.90 | 3.03 -0.03 1.20 | 3.71 -0.06 2.44 | 3.66 -0.05 2.37 | 3.44 -0.06 2.72 | 2.54 -0.05 1.91 | 1.78 -0.05 0.87 | 0.91 -0.02 0.11 | 0.90 -0.03 0.11 | 1.01 -0.03 0.00 | 1.45 -0.04 0.50 | 3.72 -0.11 2.46 | 4.74 -0.11 3.13 | 15.33 -0.12 0.00 | 15.77 -0.02 0.00 | 15.33 -0.11 0.00 | 10.24 -0.08 0.00 |
| LYONS_FALL_HYD 23570 | 1.06 0.02 0.00 | 1.05 0.02 0.00 | 1.05 0.01 0.00 | 0.52 0.01 0.00 | 1.05 0.02 0.00 | 1.06 0.02 0.00 | 5.48 0.13 0.32 | 10.36 0.29 1.18 | 4.04 0.08 0.29 | 5.72 0.09 0.59 | 5.63 0.12 0.57 | 5.67 0.11 0.65 | 4.12 0.08 0.47 | 2.52 0.03 0.21 | 1.02 0.01 0.03 | 1.02 0.01 0.03 | 1.05 0.01 0.00 | 1.90 0.04 0.12 | 5.87 0.14 0.57 | 7.47 0.22 0.72 | 15.93 0.48 0.00 | 16.26 0.47 0.00 | 15.74 0.31 0.00 | 10.51 0.19 0.00 |
| MADISON___COUNTY_LFGE 323628 | 3.61 0.03 -2.55 | 3.44 0.03 -2.37 | 3.43 0.02 -2.38 | 2.85 0.01 -2.33 | 3.36 0.02 -2.30 | 3.46 0.03 -2.40 | 8.41 0.18 -2.56 | 14.01 0.38 -2.38 | 7.12 0.11 -2.75 | 9.11 0.17 -2.72 | 9.02 0.19 -2.76 | 9.17 0.18 -2.78 | 7.54 0.13 -2.90 | 5.83 0.07 -3.06 | 4.25 0.03 -3.18 | 4.35 0.03 -3.28 | 4.83 0.03 -3.77 | 5.97 0.06 -3.92 | 10.21 0.22 -3.69 | 11.53 0.30 -3.26 | 18.97 0.63 -2.89 | 18.79 0.60 -2.41 | 18.01 0.46 -2.11 | 12.81 0.29 -2.20 |
| MAPLE_RIDGE_WT_1 323574 | -3.05 -0.03 4.06 | -2.68 -0.02 3.70 | -2.71 -0.02 3.73 | -3.12 -0.01 3.62 | -2.57 -0.03 3.58 | -2.72 -0.03 3.73 | 2.43 -0.17 3.07 | 10.53 -0.35 0.37 | 0.52 -0.13 3.61 | 3.15 -0.20 2.87 | 2.86 -0.19 3.02 | 3.20 -0.19 2.82 | 0.74 -0.14 3.63 | -1.99 -0.08 4.60 | -4.39 -0.03 5.40 | -4.59 -0.03 5.60 | -5.60 -0.03 6.61 | -4.54 -0.05 6.47 | 1.85 -0.15 4.30 | 5.17 -0.18 2.62 | 10.53 -0.33 4.59 | 11.50 -0.30 3.99 | 11.67 -0.28 3.49 | 6.69 -0.17 3.46 |
| MAPLE_RIDGE_WT_2 323611 | -3.05 -0.03 4.06 | -2.68 -0.02 3.70 | -2.71 -0.02 3.73 | -3.12 -0.01 3.62 | -2.57 -0.03 3.58 | -2.72 -0.03 3.73 | 2.43 -0.17 3.07 | 10.53 -0.35 0.37 | 0.52 -0.13 3.61 | 3.15 -0.20 2.87 | 2.86 -0.19 3.02 | 3.20 -0.19 2.82 | 0.74 -0.14 3.63 | -1.99 -0.08 4.60 | -4.39 -0.03 5.40 | -4.59 -0.03 5.60 | -5.60 -0.03 6.61 | -4.54 -0.05 6.47 | 1.85 -0.15 4.30 | 5.17 -0.18 2.62 | 10.53 -0.33 4.59 | 11.50 -0.30 3.99 | 11.67 -0.28 3.49 | 6.69 -0.17 3.46 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| MARBLE_RIVER_WT_PWR 323696 | 0.96 -0.08 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.97 -0.07 0.00 | 2.86 -0.38 2.43 | 1.48 -0.80 8.97 | 1.77 -0.30 2.19 | 1.30 -0.45 4.47 | 1.27 -0.47 4.33 | 0.74 -0.51 4.97 | 0.00 -0.38 4.12 | 0.88 -0.22 1.59 | 0.00 -0.08 0.95 | 0.00 -0.09 0.95 | 0.96 -0.08 0.00 | 0.92 -0.16 0.91 | 1.29 -0.47 4.53 | 1.65 -0.57 5.75 | 14.45 -1.00 0.00 | 14.81 -0.98 0.00 | 14.54 -0.90 0.00 | 9.76 -0.56 0.00 |
| MARSH_HILL_WT_PWR 323713 | 13.35 0.08 -12.23 | 12.51 0.08 -11.40 | 12.52 0.08 -11.41 | 11.72 0.04 -11.17 | 12.16 0.08 -11.04 | 12.63 0.09 -11.50 | 18.46 0.50 -12.29 | 23.57 0.88 -11.44 | 17.54 0.26 -13.02 | 19.47 0.35 -12.89 | 19.49 0.33 -13.09 | 19.73 0.33 -13.19 | 18.51 0.22 -13.79 | 17.37 0.13 -14.54 | 16.20 0.05 -15.11 | 16.66 0.05 -15.56 | 18.95 0.05 -17.87 | 20.71 0.10 -18.63 | 24.22 0.40 -17.53 | 23.98 0.54 -15.46 | 30.30 1.14 -13.70 | 28.32 1.12 -11.42 | 26.62 1.16 -10.02 | 21.72 0.85 -10.55 |
| MG INDUSTRY___DRP 24185 | 79.99 0.03 -78.92 | 75.08 0.03 -74.01 | 74.99 0.03 -73.93 | 73.04 0.02 -72.51 | 72.77 0.03 -71.70 | 75.77 0.03 -74.70 | 85.66 0.16 -79.83 | 85.66 0.33 -74.09 | 89.01 0.13 -84.63 | 89.28 0.19 -82.87 | 90.24 0.18 -83.98 | 91.03 0.19 -84.62 | 93.19 0.14 -88.55 | 95.95 0.08 -93.18 | 97.97 0.03 -96.90 | 100.68 0.03 -99.61 | 114.51 0.03 -113.44 | 120.61 0.06 -118.57 | 118.53 0.19 -112.05 | 109.10 0.24 -100.88 | 105.31 0.45 -89.41 | 89.90 0.46 -73.66 | 80.70 0.51 -64.76 | 78.95 0.32 -68.31 |
| MID___OSWEGATCHIE_HYD 23849 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 0.51 0.00 0.00 | 1.03 -0.01 0.00 | 1.03 0.00 0.00 | 4.32 -0.02 1.33 | 6.32 -0.02 4.90 | 3.03 -0.03 1.20 | 3.71 -0.06 2.44 | 3.66 -0.05 2.37 | 3.44 -0.06 2.72 | 2.54 -0.05 1.91 | 1.78 -0.05 0.87 | 0.91 -0.02 0.11 | 0.90 -0.03 0.11 | 1.01 -0.03 0.00 | 1.45 -0.04 0.50 | 3.72 -0.11 2.46 | 4.74 -0.11 3.13 | 15.33 -0.12 0.00 | 15.77 -0.02 0.00 | 15.33 -0.11 0.00 | 10.24 -0.08 0.00 |
| MID___RAQUETTE_HYD 23851 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.00 -0.03 0.00 | 0.50 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.52 -0.19 1.95 | 3.69 -0.35 7.20 | 2.37 -0.12 1.76 | 2.42 -0.21 3.59 | 2.39 -0.20 3.48 | 2.02 -0.20 3.99 | 1.55 -0.14 2.81 | 1.31 -0.10 1.28 | 0.83 -0.05 0.16 | 0.83 -0.06 0.16 | 0.99 -0.05 0.00 | 1.16 -0.10 0.73 | 2.33 -0.33 3.64 | 2.94 -0.42 4.61 | 14.73 -0.73 0.00 | 15.27 -0.52 0.00 | 14.88 -0.56 0.00 | 9.96 -0.36 0.00 |
| MILLIKEN___1 23584 | 13.19 0.04 -12.10 | 12.36 0.04 -11.28 | 12.36 0.04 -11.29 | 11.58 0.02 -11.05 | 12.00 0.04 -10.93 | 12.46 0.04 -11.38 | 18.11 0.27 -12.17 | 23.13 0.55 -11.33 | 17.49 0.17 -13.07 | 19.39 0.24 -12.94 | 19.45 0.24 -13.13 | 19.69 0.24 -13.24 | 18.51 0.17 -13.84 | 17.38 0.10 -14.59 | 16.24 0.04 -15.16 | 16.70 0.04 -15.62 | 19.01 0.04 -17.93 | 20.76 0.08 -18.69 | 24.18 0.30 -17.59 | 23.88 0.39 -15.52 | 29.99 0.79 -13.75 | 27.98 0.74 -11.46 | 26.17 0.68 -10.06 | 21.22 0.45 -10.44 |
| MILLIKEN___2 23585 | 13.19 0.04 -12.10 | 12.36 0.04 -11.28 | 12.36 0.04 -11.29 | 11.58 0.02 -11.05 | 12.00 0.04 -10.93 | 12.46 0.04 -11.38 | 18.11 0.27 -12.17 | 23.13 0.55 -11.33 | 17.49 0.17 -13.07 | 19.39 0.24 -12.94 | 19.45 0.24 -13.13 | 19.69 0.24 -13.24 | 18.51 0.17 -13.84 | 17.38 0.10 -14.59 | 16.24 0.04 -15.16 | 16.70 0.04 -15.62 | 19.01 0.04 -17.93 | 20.76 0.08 -18.69 | 24.18 0.30 -17.59 | 23.88 0.39 -15.52 | 29.99 0.79 -13.75 | 27.98 0.74 -11.46 | 26.17 0.68 -10.06 | 21.22 0.45 -10.44 |
| MILLIKEN___DIESEL 23629 | 13.19 0.04 -12.10 | 12.36 0.04 -11.28 | 12.36 0.04 -11.29 | 11.58 0.02 -11.05 | 12.00 0.04 -10.93 | 12.46 0.04 -11.38 | 18.11 0.27 -12.17 | 23.13 0.55 -11.33 | 17.49 0.17 -13.07 | 19.39 0.24 -12.94 | 19.45 0.24 -13.13 | 19.69 0.24 -13.24 | 18.51 0.17 -13.84 | 17.38 0.10 -14.59 | 16.24 0.04 -15.16 | 16.70 0.04 -15.62 | 19.01 0.04 -17.93 | 20.76 0.08 -18.69 | 24.18 0.30 -17.59 | 23.88 0.39 -15.52 | 29.99 0.79 -13.75 | 27.98 0.74 -11.46 | 26.17 0.68 -10.06 | 21.22 0.45 -10.44 |
| MILLSEAT___LFGE 323607 | 9.99 0.09 -8.87 | 9.39 0.09 -8.26 | 9.39 0.08 -8.27 | 8.65 0.04 -8.10 | 9.13 0.09 -8.01 | 9.47 0.09 -8.34 | 15.13 0.56 -8.91 | 20.52 0.98 -8.30 | 13.93 0.31 -9.36 | 15.96 0.47 -9.27 | 15.92 0.43 -9.41 | 16.13 0.43 -9.49 | 14.71 0.28 -9.92 | 13.32 0.17 -10.46 | 11.97 0.06 -10.87 | 12.30 0.06 -11.19 | 13.95 0.06 -12.85 | 15.50 0.12 -13.40 | 19.36 0.46 -12.60 | 19.68 0.59 -11.12 | 26.40 1.10 -9.85 | 25.05 1.06 -8.21 | 23.80 1.16 -7.21 | 18.89 0.92 -7.65 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 59.87 0.07 -58.76 | 55.47 0.07 -54.36 | 55.63 0.06 -54.53 | 53.81 0.03 -53.26 | 53.76 0.06 -52.67 | 55.97 0.07 -54.87 | 64.69 0.39 -58.63 | 66.82 0.78 -54.80 | 68.28 0.31 -63.71 | 70.57 0.49 -63.87 | 71.56 0.52 -64.97 | 72.24 0.53 -65.49 | 73.27 0.38 -68.38 | 75.22 0.23 -72.30 | 76.22 0.09 -75.09 | 78.64 0.09 -77.51 | 90.96 0.08 -89.84 | 95.45 0.15 -93.31 | 94.17 0.49 -87.38 | 83.88 0.61 -75.29 | 83.33 1.17 -66.70 | 73.35 1.23 -56.33 | 65.99 1.17 -49.38 | 61.60 0.76 -50.52 |
| MODEL_CITY_ENERGY 24167 | 10.36 0.07 -9.25 | 9.73 0.07 -8.62 | 9.73 0.07 -8.62 | 8.99 0.03 -8.44 | 9.46 0.07 -8.35 | 9.81 0.08 -8.70 | 15.40 0.44 -9.29 | 20.65 0.75 -8.65 | 14.24 0.23 -9.76 | 16.22 0.34 -9.66 | 16.19 0.32 -9.80 | 16.41 0.32 -9.88 | 15.04 0.20 -10.33 | 13.71 0.12 -10.89 | 12.40 0.04 -11.32 | 12.75 0.05 -11.66 | 14.47 0.04 -13.39 | 16.02 0.09 -13.96 | 19.76 0.33 -13.13 | 19.97 0.41 -11.58 | 26.46 0.74 -10.26 | 25.05 0.71 -8.55 | 23.81 0.86 -7.51 | 19.02 0.72 -7.98 |
| MODERN_LFGE___ 323580 | 10.36 0.07 -9.25 | 9.73 0.07 -8.62 | 9.73 0.07 -8.62 | 8.99 0.03 -8.44 | 9.46 0.07 -8.35 | 9.81 0.08 -8.70 | 15.40 0.44 -9.29 | 20.65 0.75 -8.65 | 14.24 0.23 -9.76 | 16.22 0.34 -9.66 | 16.19 0.32 -9.80 | 16.41 0.32 -9.88 | 15.04 0.20 -10.33 | 13.71 0.12 -10.89 | 12.40 0.04 -11.32 | 12.75 0.05 -11.66 | 14.47 0.04 -13.39 | 16.02 0.09 -13.96 | 19.76 0.33 -13.13 | 19.97 0.41 -11.58 | 26.46 0.74 -10.26 | 25.05 0.71 -8.55 | 23.81 0.86 -7.51 | 19.02 0.72 -7.98 |
| MOHAWK_PAPER___DRP 24187 | 84.30 0.04 -83.23 | 79.63 0.04 -78.56 | 79.38 0.03 -78.31 | 77.50 0.01 -76.97 | 77.18 0.03 -76.11 | 80.36 0.04 -79.29 | 90.70 0.24 -84.80 | 90.32 0.46 -78.62 | 93.76 0.19 -89.32 | 92.97 0.25 -86.50 | 93.81 0.24 -87.50 | 94.61 0.24 -88.16 | 96.99 0.17 -92.31 | 99.65 0.11 -96.85 | 101.75 0.04 -100.67 | 104.35 0.04 -103.27 | 117.59 0.04 -116.51 | 124.39 0.08 -122.33 | 122.80 0.25 -116.25 | 115.33 0.32 -107.03 | 110.79 0.62 -94.72 | 93.50 0.63 -77.09 | 83.90 0.60 -67.87 | 82.96 0.36 -72.28 |
| MONGAUP___HYD 23641 | 55.31 0.07 -54.20 | 51.28 0.07 -50.17 | 51.42 0.06 -50.32 | 49.70 0.03 -49.15 | 49.70 0.06 -48.61 | 51.74 0.07 -50.64 | 60.18 0.40 -54.12 | 62.53 0.72 -50.56 | 63.25 0.26 -58.74 | 65.45 0.40 -58.82 | 66.33 0.44 -59.82 | 66.98 0.46 -60.31 | 67.80 0.33 -62.97 | 69.46 0.20 -66.56 | 70.25 0.07 -69.14 | 72.47 0.07 -71.35 | 83.74 0.07 -82.64 | 87.96 0.13 -85.85 | 87.17 0.43 -80.43 | 78.02 0.61 -69.44 | 78.18 1.21 -61.52 | 68.92 1.23 -51.90 | 62.07 1.13 -45.50 | 57.67 0.74 -46.61 |
| MONTAUK___DIESEL 23721 | 74.67 0.16 -73.47 | 69.88 0.15 -68.69 | 59.93 0.14 -58.75 | 65.16 0.07 -64.57 | 69.57 0.14 -68.39 | 63.93 0.15 -62.74 | 82.84 0.86 -76.31 | 84.55 1.79 -71.51 | 84.12 0.68 -79.18 | 84.20 0.96 -77.01 | 82.55 0.88 -75.60 | 83.35 0.90 -76.24 | 83.90 0.66 -78.73 | 83.79 0.38 -80.71 | 84.54 0.15 -83.35 | 84.63 0.15 -83.44 | 96.44 0.15 -95.25 | 104.64 0.29 -102.37 | 109.95 0.94 -102.71 | 104.60 1.18 -95.44 | 102.20 2.27 -84.48 | 99.30 2.37 -81.15 | 85.60 2.52 -67.65 | 82.84 1.60 -70.92 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 60.24 0.08 -59.12 | 55.80 0.07 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.20 | 65.07 0.42 -58.99 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.00 0.56 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.74 | 76.69 0.10 -75.55 | 79.12 0.09 -77.98 | 91.51 0.09 -90.39 | 96.03 0.17 -93.88 | 94.74 0.53 -87.92 | 84.38 0.66 -75.75 | 83.79 1.24 -67.10 | 73.80 1.34 -56.68 | 66.42 1.30 -49.69 | 62.00 0.86 -50.82 |
| MUNSVILLE_WIND_PWR 323609 | 19.00 0.07 -17.89 | 17.78 0.07 -16.67 | 17.79 0.07 -16.68 | 16.88 0.03 -16.33 | 17.26 0.07 -16.15 | 17.94 0.08 -16.83 | 24.15 0.50 -17.98 | 29.00 1.01 -16.74 | 23.95 0.29 -19.41 | 25.82 0.39 -19.21 | 25.98 0.40 -19.50 | 26.26 0.39 -19.66 | 25.32 0.27 -20.55 | 24.51 0.14 -21.67 | 23.61 0.05 -22.52 | 24.29 0.05 -23.20 | 27.72 0.05 -26.64 | 29.87 0.13 -27.76 | 32.90 0.48 -26.12 | 31.69 0.67 -23.04 | 37.28 1.41 -20.42 | 34.11 1.31 -17.01 | 31.53 1.16 -14.94 | 26.51 0.75 -15.43 |
| N SALMON___HYD 24042 | 0.98 -0.06 0.00 | 0.98 -0.05 0.00 | 0.99 -0.05 0.00 | 0.49 -0.02 0.00 | 0.99 -0.05 0.00 | 0.99 -0.05 0.00 | 3.12 -0.27 2.28 | 2.30 -0.55 8.40 | 2.00 -0.21 2.05 | 1.71 -0.32 4.19 | 1.69 -0.33 4.06 | 1.20 -0.37 4.65 | 0.54 -0.27 3.70 | 1.05 -0.16 1.49 | 0.28 -0.06 0.70 | 0.28 -0.07 0.70 | 0.98 -0.06 0.00 | 1.02 -0.12 0.85 | 1.69 -0.37 4.24 | 2.14 -0.45 5.38 | 14.70 -0.76 0.00 | 15.12 -0.66 0.00 | 14.74 -0.69 0.00 | 9.89 -0.43 0.00 |
| N.E._GEN_SANDY PD 24062 | 69.03 0.05 -67.95 | 67.24 0.05 -66.16 | 66.40 0.04 -65.33 | 65.36 0.02 -64.82 | 65.17 0.04 -64.10 | 67.86 0.05 -66.78 | 77.31 0.28 -71.36 | 76.77 0.53 -64.99 | 75.31 0.22 -70.84 | 71.05 0.32 -64.50 | 71.00 0.34 -64.58 | 71.54 0.35 -64.97 | 73.26 0.25 -68.50 | 73.80 0.15 -70.95 | 75.14 0.06 -74.05 | 76.20 0.06 -75.10 | 81.49 0.06 -80.39 | 88.10 0.11 -86.01 | 90.50 0.34 -83.86 | 95.00 0.42 -86.60 | 93.10 0.82 -76.83 | 75.40 0.85 -58.76 | 68.35 0.79 -52.12 | 70.75 0.49 -59.94 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 58.24 0.08 -57.12 | 53.97 0.07 -52.86 | 54.12 0.06 -53.02 | 52.34 0.03 -51.79 | 52.31 0.06 -51.21 | 54.46 0.07 -53.35 | 63.07 0.39 -57.02 | 65.31 0.79 -53.28 | 66.50 0.31 -61.93 | 68.76 0.49 -62.05 | 69.71 0.52 -63.11 | 70.38 0.54 -63.62 | 71.33 0.39 -66.43 | 73.16 0.23 -70.23 | 74.07 0.09 -72.95 | 76.42 0.09 -75.29 | 88.35 0.09 -87.23 | 92.76 0.16 -90.61 | 91.68 0.50 -84.87 | 81.79 0.63 -73.19 | 81.50 1.21 -64.84 | 71.77 1.25 -54.74 | 64.61 1.19 -47.99 | 60.21 0.77 -49.11 |
| NARROWS_GT1_1 24228 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT1_2 24229 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT1_3 24230 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT1_4 24231 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT1_5 24232 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT1_6 24233 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT1_7 24234 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT1_8 24235 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT2_1 24236 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT2_2 24237 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_3 24238 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT2_4 24239 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT2_5 24240 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT2_6 24241 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT2_7 24242 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NARROWS_GT2_8 24243 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 73.69 0.04 -72.61 | 69.04 0.04 -67.96 | 69.00 0.04 -67.92 | 67.12 0.02 -66.58 | 66.91 0.04 -65.84 | 69.67 0.04 -68.59 | 79.18 0.21 -73.30 | 79.70 0.35 -68.10 | 82.35 0.11 -77.98 | 82.96 0.12 -76.62 | 83.77 0.01 -77.69 | 84.52 0.02 -78.28 | 86.42 0.02 -81.89 | 88.94 0.01 -86.23 | 90.70 0.00 -89.66 | 93.27 0.00 -92.22 | 106.34 0.01 -105.30 | 111.97 0.03 -109.96 | 110.19 0.12 -103.77 | 100.98 0.16 -92.85 | 98.10 0.37 -82.28 | 84.09 0.28 -68.02 | 75.77 0.55 -59.78 | 73.47 0.36 -62.79 |
| NEG CAPITAL___MECHNVIL 23645 | 88.62 0.06 -87.52 | 83.69 0.06 -82.60 | 83.43 0.05 -82.34 | 81.47 0.02 -80.93 | 81.11 0.05 -80.02 | 84.46 0.06 -83.37 | 95.20 0.36 -89.17 | 94.66 0.71 -82.70 | 98.21 0.28 -93.67 | 97.33 0.36 -90.75 | 98.22 0.35 -91.80 | 99.04 0.33 -92.49 | 101.59 0.24 -96.84 | 104.45 0.15 -101.60 | 106.73 0.06 -105.63 | 109.48 0.06 -108.37 | 123.41 0.06 -122.31 | 130.46 0.13 -128.34 | 128.69 0.42 -121.97 | 120.78 0.55 -112.26 | 115.84 1.08 -99.31 | 97.69 1.06 -80.85 | 87.57 0.96 -71.18 | 86.90 0.58 -76.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 8.55 0.02 -7.49 | 8.03 0.02 -6.98 | 8.04 0.02 -6.98 | 7.36 0.01 -6.84 | 7.82 0.02 -6.76 | 8.10 0.02 -7.04 | 13.37 0.18 -7.53 | 18.58 0.33 -7.01 | 12.30 0.09 -7.96 | 14.24 0.14 -7.88 | 14.20 0.13 -8.00 | 14.42 0.14 -8.06 | 13.02 0.09 -8.42 | 11.63 0.05 -8.89 | 10.29 0.02 -9.23 | 10.57 0.02 -9.51 | 11.97 0.02 -10.92 | 13.40 0.03 -11.38 | 17.14 0.14 -10.71 | 17.60 0.18 -9.45 | 24.15 0.33 -8.37 | 23.06 0.30 -6.98 | 21.85 0.29 -6.12 | 17.03 0.25 -6.46 |
| NEG CENTRAL___DRP 24199 | 9.15 0.04 -8.08 | 8.60 0.03 -7.53 | 8.60 0.03 -7.53 | 7.90 0.01 -7.37 | 8.36 0.04 -7.29 | 8.67 0.04 -7.60 | 14.04 0.26 -8.12 | 19.30 0.49 -7.56 | 13.05 0.15 -8.65 | 15.00 0.22 -8.56 | 14.98 0.22 -8.69 | 15.19 0.22 -8.76 | 13.81 0.15 -9.16 | 12.44 0.09 -9.66 | 11.11 0.03 -10.04 | 11.41 0.03 -10.34 | 12.94 0.03 -11.87 | 14.42 0.07 -12.37 | 18.18 0.25 -11.64 | 18.56 0.32 -10.27 | 25.20 0.65 -9.10 | 23.97 0.60 -7.58 | 22.65 0.55 -6.66 | 17.68 0.39 -6.97 |
| NEG CENTRAL___INDECK 23768 | 11.65 0.10 -10.51 | 10.93 0.09 -9.80 | 10.93 0.09 -9.81 | 10.16 0.04 -9.60 | 10.62 0.09 -9.49 | 11.02 0.10 -9.89 | 16.81 0.58 -10.57 | 22.07 0.98 -9.84 | 15.76 0.30 -11.20 | 17.74 0.43 -11.09 | 17.74 0.41 -11.26 | 17.98 0.42 -11.35 | 16.64 0.28 -11.86 | 15.38 0.18 -12.51 | 14.10 0.06 -13.00 | 14.50 0.07 -13.39 | 16.47 0.06 -15.37 | 18.14 0.13 -16.02 | 21.88 0.50 -15.08 | 21.98 0.70 -13.30 | 28.66 1.42 -11.78 | 27.01 1.40 -9.82 | 25.40 1.34 -8.62 | 20.36 0.97 -9.07 |
| NEG CENTRAL___SENECA 23627 | 10.03 0.05 -8.95 | 9.42 0.05 -8.34 | 9.42 0.05 -8.34 | 8.70 0.02 -8.17 | 9.16 0.05 -8.08 | 9.50 0.05 -8.41 | 15.00 0.34 -8.99 | 20.27 0.65 -8.37 | 14.02 0.20 -9.56 | 15.97 0.29 -9.47 | 15.97 0.29 -9.61 | 16.19 0.29 -9.69 | 14.83 0.20 -10.13 | 13.49 0.12 -10.68 | 12.18 0.04 -11.10 | 12.52 0.04 -11.43 | 14.20 0.04 -13.13 | 15.75 0.09 -13.68 | 19.49 0.33 -12.87 | 19.76 0.43 -11.35 | 26.36 0.85 -10.06 | 24.97 0.80 -8.38 | 23.54 0.74 -7.36 | 18.57 0.53 -7.72 |
| NEG CENTRAL___STATE_STREET 24147 | 8.93 0.03 -7.86 | 8.39 0.03 -7.33 | 8.40 0.03 -7.33 | 7.71 0.01 -7.18 | 8.16 0.03 -7.10 | 8.46 0.03 -7.39 | 13.79 0.23 -7.90 | 19.08 0.47 -7.36 | 12.84 0.15 -8.44 | 14.80 0.23 -8.35 | 14.74 0.19 -8.48 | 14.94 0.18 -8.55 | 13.57 0.13 -8.94 | 12.20 0.08 -9.42 | 10.86 0.02 -9.79 | 11.16 0.03 -10.09 | 12.65 0.03 -11.58 | 14.11 0.05 -12.07 | 17.84 0.19 -11.36 | 18.25 0.26 -10.02 | 24.81 0.48 -8.88 | 23.64 0.46 -7.40 | 22.49 0.55 -6.50 | 17.48 0.37 -6.78 |
| NEG MILLWOOD___DRP 24198 | 61.00 0.08 -59.88 | 56.52 0.07 -55.41 | 56.69 0.07 -55.58 | 54.84 0.03 -54.29 | 54.78 0.06 -53.69 | 57.04 0.07 -55.93 | 65.85 0.41 -59.77 | 67.91 0.81 -55.85 | 69.49 0.32 -64.92 | 71.78 0.51 -65.05 | 72.77 0.53 -66.16 | 73.48 0.57 -66.69 | 74.56 0.41 -69.63 | 76.55 0.24 -73.62 | 77.60 0.09 -76.47 | 80.06 0.09 -78.92 | 92.57 0.09 -91.44 | 97.14 0.17 -94.99 | 95.81 0.54 -88.97 | 85.37 0.67 -76.73 | 84.74 1.31 -67.97 | 74.49 1.33 -57.38 | 66.96 1.22 -50.30 | 62.61 0.79 -51.49 |
| NEG NORTH_FLCN_SEA 23793 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.06 0.00 | 0.49 -0.03 0.00 | 0.98 -0.06 0.00 | 0.98 -0.06 0.00 | 2.90 -0.34 2.43 | 1.57 -0.73 8.95 | 1.79 -0.28 2.18 | 1.33 -0.42 4.46 | 1.30 -0.45 4.32 | 0.76 -0.50 4.96 | 0.02 -0.38 4.11 | 0.89 -0.22 1.59 | 0.01 -0.08 0.95 | 0.01 -0.09 0.94 | 0.96 -0.08 0.00 | 0.92 -0.15 0.90 | 1.35 -0.42 4.52 | 1.73 -0.50 5.74 | 14.60 -0.85 0.00 | 14.96 -0.82 0.00 | 14.70 -0.74 0.00 | 9.88 -0.44 0.00 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NEG NORTH_KES_CHATEGAY 23792 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.06 0.00 | 0.49 -0.03 0.00 | 0.98 -0.06 0.00 | 0.98 -0.06 0.00 | 2.92 -0.36 2.39 | 1.69 -0.75 8.80 | 1.82 -0.29 2.15 | 1.40 -0.43 4.39 | 1.37 -0.45 4.25 | 0.85 -0.49 4.88 | 0.15 -0.37 4.00 | 0.92 -0.21 1.56 | 0.08 -0.08 0.88 | 0.08 -0.08 0.88 | 0.96 -0.08 0.00 | 0.94 -0.15 0.89 | 1.40 -0.45 4.45 | 1.79 -0.54 5.64 | 14.49 -0.96 0.00 | 14.87 -0.92 0.00 | 14.57 -0.86 0.00 | 9.78 -0.54 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 0.96 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.98 -0.06 0.00 | 2.91 -0.34 2.42 | 1.59 -0.73 8.93 | 1.79 -0.29 2.18 | 1.34 -0.43 4.45 | 1.31 -0.46 4.31 | 0.77 -0.50 4.95 | 0.04 -0.38 4.09 | 0.89 -0.22 1.59 | 0.02 -0.08 0.93 | 0.02 -0.09 0.93 | 0.96 -0.08 0.00 | 0.93 -0.15 0.90 | 1.36 -0.42 4.51 | 1.75 -0.50 5.72 | 14.60 -0.85 0.00 | 14.96 -0.82 0.00 | 14.66 -0.77 0.00 | 9.86 -0.46 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 0.96 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.98 -0.06 0.00 | 2.91 -0.34 2.42 | 1.59 -0.73 8.93 | 1.79 -0.29 2.18 | 1.34 -0.43 4.45 | 1.31 -0.46 4.31 | 0.77 -0.50 4.95 | 0.04 -0.38 4.09 | 0.89 -0.22 1.59 | 0.02 -0.08 0.93 | 0.02 -0.09 0.93 | 0.96 -0.08 0.00 | 0.93 -0.15 0.90 | 1.36 -0.42 4.51 | 1.75 -0.50 5.72 | 14.60 -0.85 0.00 | 14.96 -0.82 0.00 | 14.66 -0.77 0.00 | 9.86 -0.46 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 0.96 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.48 -0.03 0.00 | 0.97 -0.06 0.00 | 0.98 -0.06 0.00 | 2.91 -0.34 2.42 | 1.59 -0.73 8.93 | 1.79 -0.29 2.18 | 1.34 -0.43 4.45 | 1.31 -0.46 4.31 | 0.77 -0.50 4.95 | 0.04 -0.38 4.09 | 0.89 -0.22 1.59 | 0.02 -0.08 0.93 | 0.02 -0.09 0.93 | 0.96 -0.08 0.00 | 0.93 -0.15 0.90 | 1.36 -0.42 4.51 | 1.75 -0.50 5.72 | 14.60 -0.85 0.00 | 14.96 -0.82 0.00 | 14.66 -0.77 0.00 | 9.86 -0.46 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 10.29 0.08 -9.17 | 9.67 0.08 -8.55 | 9.67 0.08 -8.56 | 8.93 0.04 -8.38 | 9.40 0.08 -8.28 | 9.75 0.09 -8.63 | 15.39 0.50 -9.22 | 20.72 0.89 -8.58 | 14.21 0.27 -9.68 | 16.22 0.42 -9.59 | 16.20 0.39 -9.73 | 16.41 0.39 -9.81 | 15.01 0.25 -10.25 | 13.66 0.15 -10.81 | 12.33 0.05 -11.24 | 12.67 0.06 -11.58 | 14.38 0.05 -13.29 | 15.95 0.11 -13.85 | 19.75 0.42 -13.03 | 19.98 0.51 -11.50 | 26.58 0.94 -10.19 | 25.18 0.90 -8.49 | 23.94 1.05 -7.45 | 19.08 0.85 -7.91 |
| NEG WEST___LANCASTR 23811 | 10.85 0.11 -9.71 | 10.19 0.10 -9.05 | 10.19 0.10 -9.05 | 9.43 0.05 -8.86 | 9.90 0.10 -8.76 | 10.28 0.11 -9.13 | 16.09 0.66 -9.76 | 21.55 1.22 -9.08 | 14.87 0.39 -10.23 | 16.92 0.58 -10.13 | 16.91 0.56 -10.28 | 17.14 0.56 -10.36 | 15.72 0.38 -10.83 | 14.34 0.23 -11.42 | 12.99 0.08 -11.87 | 13.35 0.09 -12.23 | 15.15 0.08 -14.04 | 16.79 0.17 -14.63 | 20.69 0.62 -13.77 | 20.91 0.79 -12.14 | 27.71 1.50 -10.76 | 26.17 1.42 -8.97 | 24.81 1.50 -7.87 | 19.84 1.15 -8.37 |
| NEG_PENN_ALLEGHNY 23528 | 20.30 0.04 -19.21 | 18.98 0.04 -17.91 | 19.00 0.04 -17.92 | 18.08 0.02 -17.54 | 18.43 0.04 -17.35 | 19.15 0.04 -18.07 | 25.25 0.27 -19.31 | 29.77 0.54 -17.98 | 25.42 0.17 -21.00 | 27.25 0.25 -20.78 | 27.42 0.24 -21.10 | 27.73 0.25 -21.27 | 26.91 0.17 -22.23 | 26.24 0.10 -23.44 | 25.44 0.04 -24.37 | 26.18 0.04 -25.10 | 29.89 0.04 -28.82 | 32.10 0.08 -30.03 | 34.83 0.28 -28.26 | 33.26 0.36 -24.93 | 38.25 0.71 -22.09 | 34.89 0.69 -18.41 | 32.26 0.66 -16.16 | 27.36 0.46 -16.58 |
| NEG___GEN_MONROE 24207 | 8.91 0.06 -7.82 | 8.38 0.06 -7.28 | 8.38 0.05 -7.29 | 7.68 0.02 -7.14 | 8.15 0.06 -7.06 | 8.45 0.06 -7.35 | 13.93 0.40 -7.86 | 19.27 0.71 -7.31 | 12.73 0.20 -8.27 | 14.72 0.31 -8.19 | 14.61 0.22 -8.32 | 14.81 0.22 -8.38 | 13.41 0.14 -8.76 | 12.01 0.08 -9.24 | 10.67 0.03 -9.60 | 10.96 0.03 -9.89 | 12.42 0.02 -11.36 | 13.88 0.06 -11.84 | 17.69 0.26 -11.14 | 18.16 0.36 -9.82 | 24.85 0.70 -8.70 | 23.64 0.60 -7.25 | 22.62 0.82 -6.37 | 17.73 0.66 -6.74 |
| NEPA___ENERGY 23901 | 11.58 0.10 -10.44 | 10.86 0.10 -9.73 | 10.87 0.10 -9.73 | 10.09 0.05 -9.53 | 10.56 0.10 -9.42 | 10.96 0.11 -9.82 | 16.79 0.63 -10.49 | 22.15 1.14 -9.77 | 15.67 0.36 -11.05 | 17.69 0.54 -10.94 | 17.68 0.50 -11.10 | 17.91 0.50 -11.19 | 16.54 0.33 -11.70 | 15.23 0.20 -12.34 | 13.93 0.07 -12.82 | 14.33 0.08 -13.21 | 16.27 0.07 -15.17 | 17.94 0.15 -15.81 | 21.70 0.53 -14.87 | 21.77 0.68 -13.12 | 28.38 1.30 -11.62 | 26.75 1.28 -9.69 | 25.36 1.42 -8.51 | 20.40 1.07 -9.00 |
| NEVERSINK___HYD 23608 | 53.78 0.11 -52.63 | 49.96 0.10 -48.82 | 50.06 0.10 -48.93 | 48.39 0.05 -47.83 | 48.42 0.09 -47.30 | 50.41 0.10 -49.27 | 58.90 0.58 -52.66 | 61.48 1.09 -49.14 | 61.62 0.41 -56.95 | 63.70 0.64 -56.84 | 64.52 0.67 -57.78 | 65.18 0.73 -58.24 | 65.86 0.52 -60.83 | 67.27 0.31 -64.26 | 67.91 0.12 -66.76 | 70.01 0.12 -68.85 | 80.70 0.12 -79.54 | 84.91 0.22 -82.72 | 84.60 0.71 -77.59 | 76.28 0.89 -67.42 | 76.94 1.76 -59.73 | 67.66 1.67 -50.21 | 61.02 1.54 -44.04 | 56.67 1.04 -45.31 |
| NEWTON___FALLS_HYD 23847 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 0.51 0.00 0.00 | 1.03 -0.01 0.00 | 1.03 0.00 0.00 | 4.32 -0.02 1.33 | 6.32 -0.02 4.90 | 3.03 -0.03 1.20 | 3.71 -0.06 2.44 | 3.66 -0.05 2.37 | 3.44 -0.06 2.72 | 2.54 -0.05 1.91 | 1.78 -0.05 0.87 | 0.91 -0.02 0.11 | 0.90 -0.03 0.11 | 1.01 -0.03 0.00 | 1.45 -0.04 0.50 | 3.72 -0.11 2.46 | 4.74 -0.11 3.13 | 15.33 -0.12 0.00 | 15.77 -0.02 0.00 | 15.33 -0.11 0.00 | 10.24 -0.08 0.00 |
| NIAGARA_115E_LBMP 323715 | 10.42 0.07 -9.32 | 9.79 0.07 -8.68 | 9.79 0.07 -8.69 | 9.05 0.03 -8.51 | 9.52 0.07 -8.41 | 9.87 0.07 -8.76 | 15.44 0.41 -9.37 | 20.65 0.69 -8.72 | 14.28 0.20 -9.83 | 16.26 0.30 -9.73 | 16.23 0.28 -9.88 | 16.45 0.28 -9.96 | 15.09 0.18 -10.41 | 13.78 0.11 -10.98 | 12.48 0.04 -11.41 | 12.83 0.04 -11.75 | 14.56 0.03 -13.49 | 16.12 0.07 -14.06 | 19.82 0.30 -13.23 | 20.00 0.36 -11.67 | 26.43 0.63 -10.34 | 25.00 0.60 -8.62 | 23.76 0.76 -7.57 | 19.02 0.66 -8.04 |
| NIAGARA_115W_LBMP 323714 | 10.42 0.06 -9.32 | 9.78 0.06 -8.68 | 9.79 0.06 -8.69 | 9.05 0.03 -8.51 | 9.51 0.06 -8.41 | 9.87 0.06 -8.76 | 15.39 0.38 -9.34 | 20.56 0.62 -8.70 | 14.23 0.17 -9.81 | 16.20 0.27 -9.71 | 16.18 0.25 -9.85 | 16.40 0.25 -9.93 | 15.05 0.15 -10.38 | 13.74 0.09 -10.95 | 12.45 0.03 -11.38 | 12.80 0.04 -11.72 | 14.53 0.03 -13.47 | 16.08 0.06 -14.03 | 19.76 0.26 -13.20 | 19.93 0.31 -11.65 | 26.31 0.54 -10.32 | 24.89 0.51 -8.59 | 23.66 0.68 -7.54 | 18.95 0.61 -8.02 |
| NIAGARA_230_LBMP 323716 | 10.42 0.07 -9.31 | 9.79 0.07 -8.68 | 9.79 0.07 -8.69 | 9.05 0.03 -8.51 | 9.51 0.07 -8.41 | 9.87 0.07 -8.76 | 15.46 0.43 -9.36 | 20.67 0.71 -8.72 | 14.29 0.21 -9.83 | 16.27 0.32 -9.73 | 16.25 0.30 -9.87 | 16.47 0.30 -9.95 | 15.10 0.19 -10.40 | 13.78 0.12 -10.97 | 12.48 0.04 -11.40 | 12.83 0.04 -11.74 | 14.56 0.04 -13.49 | 16.12 0.08 -14.05 | 19.84 0.32 -13.22 | 20.02 0.38 -11.67 | 26.49 0.70 -10.34 | 25.06 0.66 -8.61 | 23.82 0.82 -7.56 | 19.06 0.70 -8.04 |
| NIAGARA____ 23760 | 10.42 0.06 -9.32 | 9.78 0.07 -8.68 | 9.79 0.06 -8.69 | 9.05 0.03 -8.51 | 9.51 0.07 -8.41 | 9.87 0.07 -8.76 | 15.42 0.40 -9.36 | 20.64 0.67 -8.71 | 14.27 0.20 -9.82 | 16.25 0.30 -9.72 | 16.22 0.28 -9.87 | 16.44 0.28 -9.95 | 15.08 0.18 -10.40 | 13.77 0.11 -10.97 | 12.48 0.04 -11.40 | 12.82 0.04 -11.74 | 14.55 0.03 -13.48 | 16.11 0.07 -14.05 | 19.81 0.30 -13.22 | 20.00 0.36 -11.66 | 26.42 0.63 -10.33 | 25.00 0.60 -8.61 | 23.75 0.76 -7.56 | 19.00 0.65 -8.03 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| NINE_MILE_1 23575 | 5.14 -0.01 -4.11 | 4.85 -0.01 -3.83 | 4.86 -0.01 -3.84 | 4.26 -0.01 -3.75 | 4.73 -0.01 -3.71 | 4.89 -0.01 -3.87 | 9.75 -0.05 -4.13 | 14.99 -0.10 -3.85 | 8.62 -0.05 -4.41 | 10.52 -0.07 -4.37 | 10.44 -0.07 -4.43 | 10.62 -0.07 -4.47 | 9.13 -0.05 -4.67 | 7.59 -0.03 -4.93 | 6.15 -0.01 -5.12 | 6.30 -0.01 -5.28 | 7.08 -0.01 -6.06 | 8.27 -0.02 -6.31 | 12.17 -0.06 -5.94 | 13.14 -0.08 -5.24 | 19.94 -0.15 -4.64 | 19.48 -0.17 -3.87 | 18.66 -0.17 -3.40 | 13.76 -0.11 -3.55 |
| NINE_MILE_2 23744 | 5.13 -0.01 -4.10 | 4.85 -0.01 -3.82 | 4.85 -0.01 -3.83 | 4.25 -0.01 -3.75 | 4.73 -0.01 -3.71 | 4.88 -0.01 -3.86 | 9.74 -0.05 -4.12 | 14.99 -0.10 -3.84 | 8.61 -0.05 -4.40 | 10.51 -0.07 -4.36 | 10.43 -0.07 -4.43 | 10.61 -0.07 -4.46 | 9.12 -0.05 -4.66 | 7.58 -0.03 -4.92 | 6.14 -0.01 -5.11 | 6.29 -0.01 -5.27 | 7.07 -0.01 -6.05 | 8.26 -0.02 -6.30 | 12.16 -0.06 -5.93 | 13.12 -0.08 -5.23 | 19.93 -0.15 -4.63 | 19.47 -0.17 -3.86 | 18.66 -0.17 -3.39 | 13.75 -0.11 -3.54 |
| NM_CAPITAL___DRP 24208 | 83.26 0.03 -82.19 | 78.63 0.03 -77.57 | 78.38 0.02 -77.33 | 76.52 0.01 -76.00 | 76.21 0.02 -75.15 | 79.35 0.03 -78.29 | 89.47 0.14 -83.67 | 88.91 0.26 -77.40 | 91.42 0.11 -87.05 | 90.64 0.16 -84.26 | 91.45 0.15 -85.23 | 92.22 0.15 -85.86 | 94.57 0.11 -89.95 | 97.18 0.06 -94.42 | 99.40 0.02 -98.34 | 101.96 0.02 -100.90 | 114.97 0.02 -113.91 | 121.33 0.06 -119.29 | 119.86 0.18 -113.38 | 112.58 0.23 -104.38 | 108.27 0.45 -92.37 | 91.42 0.46 -75.18 | 82.09 0.46 -66.19 | 81.96 0.27 -71.37 |
| NM_CENTRAL___DRP 24181 | 6.50 0.01 -5.45 | 6.12 0.01 -5.08 | 6.12 0.01 -5.08 | 5.49 0.00 -4.97 | 5.96 0.01 -4.92 | 6.17 0.01 -5.12 | 11.22 0.08 -5.48 | 16.51 0.17 -5.10 | 10.16 0.05 -5.86 | 12.10 0.08 -5.80 | 12.05 0.09 -5.88 | 12.24 0.09 -5.93 | 10.77 0.06 -6.20 | 9.27 0.03 -6.54 | 7.85 0.01 -6.80 | 8.06 0.01 -7.00 | 9.09 0.01 -8.04 | 10.38 0.02 -8.38 | 14.27 0.09 -7.88 | 15.05 0.12 -6.95 | 21.86 0.25 -6.16 | 21.14 0.22 -5.13 | 20.13 0.19 -4.51 | 15.15 0.12 -4.70 |
| NM_FRONTIER___DRP 24179 | 10.42 0.06 -9.32 | 9.78 0.06 -8.68 | 9.79 0.06 -8.69 | 9.05 0.03 -8.51 | 9.51 0.06 -8.41 | 9.87 0.06 -8.76 | 15.39 0.38 -9.34 | 20.56 0.62 -8.70 | 14.23 0.17 -9.81 | 16.20 0.27 -9.71 | 16.18 0.25 -9.85 | 16.40 0.25 -9.93 | 15.05 0.15 -10.38 | 13.74 0.09 -10.95 | 12.45 0.03 -11.38 | 12.80 0.04 -11.72 | 14.53 0.03 -13.47 | 16.08 0.06 -14.03 | 19.76 0.26 -13.20 | 19.93 0.31 -11.65 | 26.31 0.54 -10.32 | 24.89 0.51 -8.59 | 23.66 0.68 -7.54 | 18.95 0.61 -8.02 |
| NM_ST_REGIS___HYD 24053 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 0.50 -0.02 0.00 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 3.43 -0.22 2.02 | 3.38 -0.42 7.45 | 2.29 -0.15 1.82 | 2.26 -0.24 3.72 | 2.23 -0.24 3.60 | 1.83 -0.26 4.13 | 1.33 -0.19 2.99 | 1.25 -0.12 1.32 | 0.72 -0.05 0.27 | 0.71 -0.06 0.27 | 0.98 -0.05 0.00 | 1.12 -0.11 0.75 | 2.18 -0.35 3.76 | 2.76 -0.44 4.77 | 14.70 -0.76 0.00 | 15.20 -0.58 0.00 | 14.83 -0.60 0.00 | 9.94 -0.38 0.00 |
| NORTHPORT___1 23551 | 74.72 0.10 -73.58 | 69.93 0.10 -68.79 | 59.91 0.09 -58.78 | 65.22 0.04 -64.66 | 69.63 0.09 -68.50 | 63.93 0.10 -62.80 | 82.53 0.55 -76.31 | 83.86 1.10 -71.51 | 83.86 0.42 -79.18 | 83.86 0.63 -77.01 | 82.25 0.58 -75.60 | 83.04 0.59 -76.24 | 83.66 0.42 -78.73 | 83.66 0.25 -80.71 | 84.48 0.10 -83.35 | 84.58 0.10 -83.44 | 96.38 0.09 -95.25 | 104.52 0.17 -102.37 | 109.55 0.54 -102.71 | 104.10 0.68 -95.44 | 101.23 1.30 -84.48 | 98.34 1.40 -81.15 | 84.58 1.50 -67.65 | 82.25 1.01 -70.92 |
| NORTHPORT___2 23552 | 74.72 0.10 -73.58 | 69.93 0.10 -68.79 | 59.91 0.09 -58.78 | 65.22 0.04 -64.66 | 69.63 0.09 -68.50 | 63.93 0.10 -62.80 | 82.53 0.55 -76.31 | 83.86 1.10 -71.51 | 83.86 0.42 -79.18 | 83.86 0.63 -77.01 | 82.25 0.58 -75.60 | 83.04 0.59 -76.24 | 83.66 0.42 -78.73 | 83.66 0.25 -80.71 | 84.48 0.10 -83.35 | 84.58 0.10 -83.44 | 96.38 0.09 -95.25 | 104.52 0.17 -102.37 | 109.55 0.54 -102.71 | 104.10 0.68 -95.44 | 101.23 1.30 -84.48 | 98.34 1.40 -81.15 | 84.58 1.50 -67.65 | 82.25 1.01 -70.92 |
| NORTHPORT___3 23553 | 74.62 0.11 -73.47 | 69.83 0.10 -68.69 | 59.88 0.10 -58.75 | 65.14 0.05 -64.58 | 69.52 0.10 -68.39 | 63.88 0.10 -62.74 | 82.56 0.58 -76.31 | 83.92 1.16 -71.51 | 83.89 0.45 -79.18 | 83.91 0.68 -77.01 | 82.29 0.62 -75.60 | 83.08 0.63 -76.24 | 83.69 0.45 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.58 0.10 -83.44 | 96.38 0.10 -95.25 | 104.53 0.18 -102.37 | 109.57 0.56 -102.71 | 104.13 0.71 -95.44 | 101.29 1.36 -84.48 | 98.37 1.44 -81.15 | 84.77 1.68 -67.65 | 82.42 1.19 -70.92 |
| NORTHPORT___4 23650 | 74.62 0.11 -73.47 | 69.83 0.10 -68.69 | 59.88 0.10 -58.75 | 65.14 0.05 -64.58 | 69.52 0.10 -68.39 | 63.88 0.10 -62.74 | 82.56 0.58 -76.31 | 83.92 1.16 -71.51 | 83.89 0.45 -79.18 | 83.91 0.68 -77.01 | 82.29 0.62 -75.60 | 83.08 0.63 -76.24 | 83.69 0.45 -78.73 | 83.68 0.27 -80.71 | 84.49 0.10 -83.35 | 84.58 0.10 -83.44 | 96.38 0.10 -95.25 | 104.53 0.18 -102.37 | 109.57 0.56 -102.71 | 104.13 0.71 -95.44 | 101.29 1.36 -84.48 | 98.37 1.44 -81.15 | 84.77 1.68 -67.65 | 82.42 1.19 -70.92 |
| NORTHPORT___IC 23718 | 74.72 0.10 -73.58 | 69.93 0.10 -68.79 | 59.91 0.09 -58.78 | 65.22 0.04 -64.66 | 69.63 0.09 -68.50 | 63.93 0.10 -62.80 | 82.53 0.55 -76.31 | 83.86 1.10 -71.51 | 83.86 0.42 -79.18 | 83.86 0.63 -77.01 | 82.25 0.58 -75.60 | 83.04 0.59 -76.24 | 83.66 0.42 -78.73 | 83.66 0.25 -80.71 | 84.48 0.10 -83.35 | 84.58 0.10 -83.44 | 96.38 0.09 -95.25 | 104.52 0.17 -102.37 | 109.55 0.54 -102.71 | 104.10 0.68 -95.44 | 101.23 1.30 -84.48 | 98.34 1.40 -81.15 | 84.58 1.50 -67.65 | 82.25 1.01 -70.92 |
| NPX_GEN_1385_PROXY 323591 | 74.69 0.08 -73.58 | 69.90 0.07 -68.79 | 59.89 0.07 -58.78 | 65.20 0.03 -64.66 | 69.60 0.06 -68.50 | 63.91 0.08 -62.80 | 82.41 0.43 -76.31 | 83.63 0.88 -71.51 | 83.76 0.32 -79.18 | 79.49 0.47 -72.80 | 75.00 0.48 -68.45 | 75.00 0.49 -68.29 | 75.00 0.35 -70.14 | 75.17 0.21 -72.27 | 76.47 0.08 -75.35 | 79.41 0.08 -78.29 | 85.00 0.08 -83.89 | 95.35 0.14 -93.23 | 103.75 0.44 -97.01 | 104.00 0.58 -95.44 | 101.00 1.07 -84.48 | 90.99 1.15 -74.05 | 84.15 1.06 -67.65 | 76.19 0.71 -65.16 |
| NPX_GEN_CSC 323557 | 74.63 0.12 -73.47 | 69.84 0.12 -68.69 | 59.90 0.11 -58.75 | 65.14 0.05 -64.57 | 69.54 0.11 -68.39 | 63.90 0.12 -62.74 | 82.64 0.66 -76.31 | 84.12 1.36 -71.51 | 83.95 0.51 -79.18 | 83.97 0.74 -77.01 | 82.35 0.67 -75.60 | 83.14 0.68 -76.24 | 83.74 0.50 -78.73 | 83.70 0.29 -80.71 | 84.50 0.12 -83.35 | 84.60 0.12 -83.44 | 96.40 0.12 -95.25 | 104.57 0.22 -102.37 | 109.72 0.71 -102.71 | 104.30 0.89 -95.44 | 101.66 1.73 -84.48 | 98.73 1.80 -81.15 | 85.03 1.94 -67.65 | 82.49 1.25 -70.92 |
| NSINS_S_GLNS_FALLS 23858 | 89.85 0.05 -88.76 | 84.78 0.05 -83.69 | 84.53 0.04 -83.46 | 82.53 0.02 -82.00 | 82.17 0.05 -81.08 | 85.56 0.05 -84.47 | 96.38 0.36 -90.35 | 95.78 0.70 -83.84 | 99.61 0.28 -95.08 | 98.80 0.32 -92.26 | 99.71 0.29 -93.35 | 100.49 0.22 -94.06 | 103.16 0.18 -98.46 | 106.15 0.12 -103.34 | 108.52 0.06 -107.43 | 111.34 0.06 -110.24 | 125.68 0.06 -124.58 | 132.78 0.13 -130.66 | 130.81 0.41 -124.10 | 122.41 0.55 -113.88 | 117.29 1.10 -100.74 | 98.96 1.03 -82.15 | 88.64 0.89 -72.31 | 87.91 0.55 -77.04 |
| NUCOR_STEEL___DRP 24197 | 8.62 0.03 -7.55 | 8.10 0.03 -7.03 | 8.10 0.02 -7.04 | 7.42 0.01 -6.89 | 7.88 0.03 -6.82 | 8.16 0.03 -7.10 | 13.44 0.19 -7.59 | 18.71 0.39 -7.06 | 12.48 0.12 -8.10 | 14.43 0.19 -8.02 | 14.41 0.19 -8.15 | 14.61 0.18 -8.21 | 13.22 0.13 -8.58 | 11.83 0.08 -9.05 | 10.47 0.02 -9.41 | 10.76 0.03 -9.69 | 12.19 0.03 -11.13 | 13.63 0.05 -11.59 | 17.40 0.20 -10.91 | 17.86 0.26 -9.62 | 24.47 0.49 -8.53 | 23.37 0.47 -7.11 | 22.14 0.46 -6.24 | 17.14 0.31 -6.51 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NYISO_LBMP_REFERENCE 24008 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 0.51 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 5.67 0.00 0.00 | 11.25 0.00 0.00 | 4.26 0.00 0.00 | 6.22 0.00 0.00 | 6.07 0.00 0.00 | 6.22 0.00 0.00 | 4.51 0.00 0.00 | 2.70 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.98 0.00 0.00 | 6.30 0.00 0.00 | 7.97 0.00 0.00 | 15.45 0.00 0.00 | 15.79 0.00 0.00 | 15.44 0.00 0.00 | 10.32 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 74.50 0.12 -73.34 | 69.71 0.11 -68.56 | 59.86 0.11 -58.72 | 65.04 0.05 -64.48 | 69.39 0.10 -68.25 | 63.82 0.11 -62.67 | 82.62 0.63 -76.31 | 84.03 1.27 -71.51 | 83.92 0.48 -79.18 | 83.95 0.72 -77.01 | 82.33 0.66 -75.60 | 83.13 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.55 0.19 -102.37 | 109.62 0.60 -102.71 | 104.17 0.75 -95.44 | 101.38 1.45 -84.48 | 98.64 1.71 -81.15 | 84.87 1.79 -67.65 | 82.42 1.19 -70.92 |
| NYPA_GOWANUS____GT5 24156 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NYPA_GOWANUS____GT6 24157 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |
| NYPA_HARLEM__RVR__GT1 24160 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.40 -58.97 | 67.11 0.75 -55.11 | 68.64 0.30 -64.09 | 70.95 0.48 -64.25 | 71.94 0.52 -65.35 | 72.63 0.53 -65.88 | 73.67 0.38 -68.78 | 75.65 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.37 | 96.00 0.15 -93.87 | 94.66 0.46 -87.90 | 84.27 0.57 -75.73 | 83.60 1.05 -67.09 | 73.66 1.22 -56.66 | 66.40 1.28 -49.68 | 62.10 0.96 -50.82 |
| NYPA_HARLEM__RVR__GT2 24161 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.03 0.40 -58.97 | 67.11 0.75 -55.11 | 68.64 0.30 -64.09 | 70.95 0.48 -64.25 | 71.94 0.52 -65.35 | 72.63 0.53 -65.88 | 73.67 0.38 -68.78 | 75.65 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.37 | 96.00 0.15 -93.87 | 94.66 0.46 -87.90 | 84.27 0.57 -75.73 | 83.60 1.05 -67.09 | 73.66 1.22 -56.66 | 66.40 1.28 -49.68 | 62.10 0.96 -50.82 |
| NYPA_KENT____GT 24152 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.54 -64.26 | 72.02 0.58 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.03 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.77 1.22 -67.10 | 73.83 1.37 -56.67 | 66.48 1.36 -49.68 | 62.07 0.93 -50.82 |
| NYPA_POUCH1____GT 24155 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.04 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.09 0.44 -58.98 | 67.25 0.88 -55.13 | 68.70 0.35 -64.10 | 71.03 0.55 -64.26 | 72.02 0.59 -65.36 | 72.72 0.61 -65.89 | 73.74 0.44 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.52 0.10 -90.38 | 96.03 0.18 -93.87 | 94.76 0.55 -87.91 | 84.39 0.68 -75.74 | 83.82 1.27 -67.10 | 73.86 1.40 -56.67 | 66.51 1.39 -49.68 | 62.09 0.95 -50.82 |
| NYPA_VERNON____GT2 24162 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.73 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.03 0.17 -93.87 | 94.74 0.53 -87.91 | 84.37 0.65 -75.74 | 83.77 1.22 -67.10 | 73.80 1.34 -56.67 | 66.46 1.34 -49.68 | 62.06 0.92 -50.82 |
| NYPA_VERNON____GT3 24163 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.73 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.03 0.17 -93.87 | 94.74 0.53 -87.91 | 84.37 0.65 -75.74 | 83.77 1.22 -67.10 | 73.80 1.34 -56.67 | 66.46 1.34 -49.68 | 62.06 0.92 -50.82 |
| NYPA__ASTORIA_CC1 323568 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.21 0.83 -55.13 | 68.68 0.33 -64.10 | 71.00 0.52 -64.26 | 72.00 0.56 -65.36 | 72.68 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.09 -75.55 | 79.11 0.09 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.63 -75.74 | 83.73 1.17 -67.10 | 73.77 1.31 -56.67 | 66.43 1.31 -49.68 | 62.06 0.92 -50.82 |
| NYPA__ASTORIA_CC2 323569 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.21 0.83 -55.13 | 68.68 0.33 -64.10 | 71.00 0.52 -64.26 | 72.00 0.56 -65.36 | 72.68 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.09 -75.55 | 79.11 0.09 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.63 -75.74 | 83.73 1.17 -67.10 | 73.77 1.31 -56.67 | 66.43 1.31 -49.68 | 62.06 0.92 -50.82 |
| NYPA__HOLTSVILL 23794 | 74.63 0.11 -73.48 | 69.84 0.11 -68.70 | 59.89 0.10 -58.75 | 65.15 0.05 -64.58 | 69.53 0.10 -68.40 | 63.89 0.11 -62.75 | 82.59 0.61 -76.31 | 83.97 1.22 -71.51 | 83.90 0.46 -79.18 | 83.92 0.68 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.46 1.53 -84.48 | 98.55 1.61 -81.15 | 84.81 1.73 -67.65 | 82.37 1.14 -70.92 |
| NYPA__HELLGATE_GT1 24158 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.05 0.40 -58.98 | 67.13 0.75 -55.12 | 68.64 0.30 -64.09 | 70.95 0.48 -64.25 | 71.94 0.52 -65.35 | 72.63 0.53 -65.88 | 73.67 0.38 -68.78 | 75.65 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.37 | 96.00 0.15 -93.87 | 94.66 0.46 -87.90 | 84.27 0.57 -75.73 | 83.60 1.05 -67.09 | 73.67 1.22 -56.67 | 66.40 1.28 -49.68 | 62.10 0.96 -50.82 |
| NYPA__HELLGATE_GT2 24159 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.05 0.40 -58.98 | 67.13 0.75 -55.12 | 68.64 0.30 -64.09 | 70.95 0.48 -64.25 | 71.94 0.52 -65.35 | 72.63 0.53 -65.88 | 73.67 0.38 -68.78 | 75.65 0.23 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.49 0.08 -90.37 | 96.00 0.15 -93.87 | 94.66 0.46 -87.90 | 84.27 0.57 -75.73 | 83.60 1.05 -67.09 | 73.67 1.22 -56.67 | 66.40 1.28 -49.68 | 62.10 0.96 -50.82 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NYS_BARGE___HYD 23848 | 10.22 0.08 -9.10 | 9.60 0.08 -8.48 | 9.60 0.08 -8.49 | 8.86 0.04 -8.31 | 9.33 0.08 -8.22 | 9.68 0.09 -8.56 | 15.32 0.50 -9.15 | 20.65 0.89 -8.52 | 14.13 0.27 -9.61 | 16.15 0.42 -9.51 | 16.12 0.39 -9.65 | 16.34 0.39 -9.73 | 14.93 0.25 -10.17 | 13.58 0.15 -10.73 | 12.24 0.05 -11.15 | 12.58 0.06 -11.48 | 14.27 0.05 -13.19 | 15.83 0.11 -13.74 | 19.64 0.42 -12.93 | 19.89 0.51 -11.41 | 26.50 0.94 -10.11 | 25.11 0.90 -8.42 | 23.86 1.03 -7.39 | 19.02 0.85 -7.85 |
| OAK_ORCHARD___HYD 24046 | 8.84 0.05 -7.75 | 8.31 0.05 -7.23 | 8.31 0.05 -7.23 | 7.62 0.02 -7.08 | 8.09 0.05 -7.00 | 8.38 0.05 -7.29 | 13.81 0.35 -7.79 | 19.13 0.63 -7.26 | 12.66 0.20 -8.21 | 14.65 0.30 -8.13 | 14.59 0.27 -8.25 | 14.81 0.27 -8.32 | 13.38 0.18 -8.69 | 11.97 0.11 -9.17 | 10.61 0.04 -9.53 | 10.90 0.04 -9.81 | 12.34 0.04 -11.27 | 13.80 0.07 -11.74 | 17.62 0.27 -11.05 | 18.07 0.35 -9.75 | 24.74 0.65 -8.64 | 23.62 0.63 -7.20 | 22.48 0.73 -6.32 | 17.58 0.57 -6.69 |
| OCC_CHEM___DRP 24175 | 10.47 0.07 -9.36 | 9.83 0.07 -8.72 | 9.83 0.07 -8.73 | 9.09 0.03 -8.54 | 9.55 0.07 -8.45 | 9.91 0.07 -8.80 | 15.50 0.43 -9.41 | 20.73 0.72 -8.76 | 14.34 0.21 -9.87 | 16.32 0.33 -9.77 | 16.29 0.30 -9.92 | 16.51 0.30 -10.00 | 15.15 0.19 -10.45 | 13.84 0.12 -11.02 | 12.54 0.04 -11.46 | 12.88 0.04 -11.80 | 14.62 0.04 -13.55 | 16.18 0.08 -14.12 | 19.89 0.31 -13.29 | 20.07 0.37 -11.72 | 26.50 0.66 -10.39 | 25.07 0.63 -8.65 | 23.84 0.80 -7.60 | 19.09 0.69 -8.07 |
| OH_GEN_PROXY 24063 | 10.55 0.07 -9.44 | 9.90 0.07 -8.80 | 9.91 0.07 -8.81 | 9.17 0.03 -8.62 | 9.63 0.07 -8.52 | 9.99 0.07 -8.88 | 15.58 0.42 -9.49 | 20.79 0.71 -8.84 | 14.44 0.21 -9.97 | 16.42 0.33 -9.87 | 16.40 0.30 -10.02 | 16.62 0.30 -10.10 | 15.26 0.19 -10.56 | 13.95 0.12 -11.14 | 12.65 0.04 -11.57 | 13.01 0.04 -11.92 | 14.76 0.04 -13.69 | 16.33 0.08 -14.27 | 20.04 0.32 -13.42 | 20.21 0.39 -11.84 | 26.66 0.71 -10.49 | 25.21 0.68 -8.74 | 23.95 0.83 -7.68 | 19.17 0.70 -8.15 |
| OLIN_CORP_DRP 24177 | 10.47 0.07 -9.36 | 9.83 0.07 -8.72 | 9.83 0.07 -8.73 | 9.09 0.03 -8.54 | 9.55 0.07 -8.45 | 9.91 0.07 -8.80 | 15.50 0.43 -9.41 | 20.73 0.72 -8.76 | 14.34 0.21 -9.87 | 16.32 0.33 -9.77 | 16.29 0.30 -9.92 | 16.51 0.30 -10.00 | 15.15 0.19 -10.45 | 13.84 0.12 -11.02 | 12.54 0.04 -11.46 | 12.88 0.04 -11.80 | 14.62 0.04 -13.55 | 16.18 0.08 -14.12 | 19.89 0.31 -13.29 | 20.07 0.37 -11.72 | 26.50 0.66 -10.39 | 25.07 0.63 -8.65 | 23.84 0.80 -7.60 | 19.09 0.69 -8.07 |
| OLIN_CORP_DSASP 323712 | 10.47 0.07 -9.36 | 9.83 0.07 -8.72 | 9.83 0.07 -8.73 | 9.09 0.03 -8.54 | 9.55 0.07 -8.45 | 9.91 0.07 -8.80 | 15.50 0.43 -9.41 | 20.73 0.72 -8.76 | 14.34 0.21 -9.87 | 16.32 0.33 -9.77 | 16.29 0.30 -9.92 | 16.51 0.30 -10.00 | 15.15 0.19 -10.45 | 13.84 0.12 -11.02 | 12.54 0.04 -11.46 | 12.88 0.04 -11.80 | 14.62 0.04 -13.55 | 16.18 0.08 -14.12 | 19.89 0.31 -13.29 | 20.07 0.37 -11.72 | 26.50 0.66 -10.39 | 25.07 0.63 -8.65 | 23.84 0.80 -7.60 | 19.09 0.69 -8.07 |
| ONEIDA_HERK_LFGE 323681 | 1.06 0.02 0.00 | 1.05 0.02 0.00 | 1.05 0.01 0.00 | 0.52 0.01 0.00 | 1.05 0.02 0.00 | 1.06 0.02 0.00 | 5.60 0.13 0.19 | 10.81 0.28 0.72 | 4.16 0.08 0.17 | 5.96 0.10 0.36 | 5.86 0.13 0.35 | 5.94 0.12 0.40 | 4.30 0.08 0.29 | 2.61 0.04 0.13 | 1.03 0.01 0.02 | 1.03 0.01 0.02 | 1.05 0.01 0.00 | 1.95 0.04 0.07 | 6.12 0.15 0.33 | 7.78 0.22 0.42 | 15.93 0.48 0.00 | 16.24 0.46 0.00 | 15.74 0.31 0.00 | 10.52 0.20 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 7.80 0.01 -6.74 | 7.33 0.01 -6.28 | 7.34 0.01 -6.29 | 6.68 0.00 -6.16 | 7.14 0.01 -6.09 | 7.39 0.01 -6.34 | 12.55 0.10 -6.78 | 17.76 0.20 -6.31 | 11.58 0.06 -7.26 | 13.50 0.09 -7.19 | 13.47 0.10 -7.30 | 13.68 0.11 -7.35 | 12.27 0.07 -7.69 | 10.84 0.04 -8.11 | 9.48 0.01 -8.43 | 9.74 0.02 -8.68 | 11.02 0.01 -9.97 | 12.40 0.03 -10.39 | 16.18 0.11 -9.77 | 16.74 0.14 -8.62 | 23.40 0.31 -7.64 | 22.42 0.27 -6.36 | 21.26 0.23 -5.59 | 16.30 0.16 -5.82 |
| ONONDAGA___COGEN 23986 | 7.41 0.01 -6.35 | 6.97 0.01 -5.92 | 6.97 0.01 -5.93 | 6.32 0.00 -5.80 | 6.78 0.01 -5.74 | 7.03 0.01 -5.98 | 12.16 0.10 -6.39 | 17.41 0.21 -5.95 | 11.15 0.07 -6.83 | 13.08 0.11 -6.76 | 13.05 0.12 -6.86 | 13.25 0.12 -6.91 | 11.82 0.08 -7.23 | 10.36 0.05 -7.62 | 8.98 0.02 -7.92 | 9.22 0.02 -8.16 | 10.42 0.02 -9.37 | 11.78 0.03 -9.76 | 15.60 0.11 -9.19 | 16.22 0.14 -8.11 | 22.94 0.31 -7.18 | 22.05 0.28 -5.98 | 20.94 0.25 -5.25 | 15.96 0.16 -5.48 |
| ONTARIO___LFGE 23819 | 10.03 0.05 -8.95 | 9.42 0.05 -8.34 | 9.42 0.05 -8.34 | 8.70 0.02 -8.17 | 9.16 0.05 -8.08 | 9.50 0.05 -8.41 | 15.00 0.34 -8.99 | 20.27 0.65 -8.37 | 14.02 0.20 -9.56 | 15.97 0.29 -9.47 | 15.97 0.29 -9.61 | 16.19 0.29 -9.69 | 14.83 0.20 -10.13 | 13.49 0.12 -10.68 | 12.18 0.04 -11.10 | 12.52 0.04 -11.43 | 14.20 0.04 -13.13 | 15.75 0.09 -13.68 | 19.49 0.33 -12.87 | 19.76 0.43 -11.35 | 26.36 0.85 -10.06 | 24.97 0.80 -8.38 | 23.54 0.74 -7.36 | 18.57 0.53 -7.72 |
| ORANGEVILLE_WT_PWR 323706 | 12.19 0.08 -11.06 | 11.43 0.08 -10.31 | 11.44 0.08 -10.32 | 10.66 0.04 -10.10 | 11.11 0.08 -9.99 | 11.53 0.09 -10.41 | 17.27 0.48 -11.12 | 22.42 0.82 -10.36 | 16.26 0.25 -11.76 | 18.22 0.37 -11.64 | 18.22 0.33 -11.81 | 18.45 0.32 -11.91 | 17.17 0.21 -12.45 | 15.95 0.12 -13.13 | 14.73 0.04 -13.64 | 15.14 0.05 -14.05 | 17.21 0.04 -16.14 | 18.90 0.10 -16.82 | 22.50 0.38 -15.82 | 22.42 0.49 -13.96 | 28.81 0.99 -12.37 | 27.09 1.00 -10.31 | 25.61 1.13 -9.05 | 20.74 0.87 -9.55 |
| ORANGEVILLE___ESR 323794 | 12.19 0.08 -11.06 | 11.43 0.08 -10.31 | 11.44 0.08 -10.32 | 10.66 0.04 -10.10 | 11.11 0.08 -9.99 | 11.53 0.09 -10.41 | 17.27 0.48 -11.12 | 22.42 0.82 -10.36 | 16.26 0.25 -11.76 | 18.22 0.37 -11.64 | 18.22 0.33 -11.81 | 18.45 0.32 -11.91 | 17.17 0.21 -12.45 | 15.95 0.12 -13.13 | 14.73 0.04 -13.64 | 15.14 0.05 -14.05 | 17.21 0.04 -16.14 | 18.90 0.10 -16.82 | 22.50 0.38 -15.82 | 22.42 0.49 -13.96 | 28.81 0.99 -12.37 | 27.09 1.00 -10.31 | 25.61 1.13 -9.05 | 20.74 0.87 -9.55 |
| OSWEGATCHIE___HYD 24044 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 1.03 -0.01 0.00 | 0.51 0.00 0.00 | 1.03 -0.01 0.00 | 1.03 0.00 0.00 | 4.32 -0.02 1.33 | 6.32 -0.02 4.90 | 3.03 -0.03 1.20 | 3.71 -0.06 2.44 | 3.66 -0.05 2.37 | 3.44 -0.06 2.72 | 2.54 -0.05 1.91 | 1.78 -0.05 0.87 | 0.91 -0.02 0.11 | 0.90 -0.03 0.11 | 1.01 -0.03 0.00 | 1.45 -0.04 0.50 | 3.72 -0.11 2.46 | 4.74 -0.11 3.13 | 15.33 -0.12 0.00 | 15.77 -0.02 0.00 | 15.33 -0.11 0.00 | 10.24 -0.08 0.00 |
| OSWEGO___5 23606 | 5.68 0.00 -4.65 | 5.36 -0.01 -4.33 | 5.37 -0.01 -4.34 | 4.76 0.00 -4.24 | 5.23 -0.01 -4.20 | 5.41 0.00 -4.37 | 10.33 -0.01 -4.67 | 15.59 -0.01 -4.35 | 9.23 -0.02 -4.99 | 11.15 -0.02 -4.94 | 11.08 -0.02 -5.02 | 11.26 -0.02 -5.06 | 9.78 -0.02 -5.29 | 8.26 -0.01 -5.58 | 6.83 -0.01 -5.80 | 7.01 0.00 -5.97 | 7.89 -0.01 -6.86 | 9.12 -0.01 -7.15 | 13.00 -0.02 -6.72 | 13.89 -0.02 -5.93 | 20.68 -0.03 -5.25 | 20.12 -0.05 -4.38 | 19.23 -0.05 -3.84 | 14.30 -0.03 -4.01 |
| OSWEGO___6 23613 | 5.68 0.00 -4.65 | 5.36 -0.01 -4.33 | 5.37 -0.01 -4.34 | 4.76 0.00 -4.24 | 5.23 -0.01 -4.20 | 5.41 0.00 -4.37 | 10.33 -0.01 -4.67 | 15.59 -0.01 -4.35 | 9.23 -0.02 -4.99 | 11.15 -0.02 -4.94 | 11.08 -0.02 -5.02 | 11.26 -0.02 -5.06 | 9.78 -0.02 -5.29 | 8.26 -0.01 -5.58 | 6.83 -0.01 -5.80 | 7.01 0.00 -5.97 | 7.89 -0.01 -6.86 | 9.12 -0.01 -7.15 | 13.00 -0.02 -6.72 | 13.89 -0.02 -5.93 | 20.68 -0.03 -5.25 | 20.12 -0.05 -4.38 | 19.23 -0.05 -3.84 | 14.30 -0.03 -4.01 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| OUTOKUMPU-AB___DRP 24206 | 10.54 0.09 -9.41 | 9.90 0.09 -8.77 | 9.90 0.09 -8.77 | 9.15 0.04 -8.59 | 9.62 0.09 -8.49 | 9.98 0.10 -8.85 | 15.69 0.57 -9.46 | 21.10 1.05 -8.80 | 14.51 0.34 -9.92 | 16.55 0.50 -9.82 | 16.53 0.48 -9.97 | 16.74 0.48 -10.05 | 15.33 0.32 -10.51 | 13.97 0.19 -11.08 | 12.62 0.07 -11.52 | 12.97 0.07 -11.86 | 14.72 0.06 -13.62 | 16.31 0.14 -14.19 | 20.16 0.51 -13.35 | 20.39 0.63 -11.78 | 27.07 1.17 -10.44 | 25.62 1.14 -8.70 | 24.34 1.27 -7.64 | 19.43 0.99 -8.12 |
| OXBOW____ 24026 | 10.50 0.08 -9.38 | 9.86 0.08 -8.74 | 9.87 0.08 -8.75 | 9.12 0.04 -8.57 | 9.59 0.08 -8.47 | 9.95 0.09 -8.83 | 15.61 0.51 -9.43 | 20.94 0.91 -8.78 | 14.44 0.29 -9.90 | 16.45 0.43 -9.80 | 16.43 0.41 -9.95 | 16.64 0.40 -10.03 | 15.25 0.27 -10.48 | 13.91 0.16 -11.05 | 12.58 0.06 -11.49 | 12.93 0.06 -11.83 | 14.67 0.05 -13.58 | 16.25 0.11 -14.16 | 20.05 0.43 -13.32 | 20.25 0.53 -11.75 | 26.84 0.97 -10.41 | 25.39 0.93 -8.68 | 24.12 1.06 -7.62 | 19.28 0.87 -8.10 |
| OXY_CHEM_DSASP 323612 | 10.47 0.07 -9.36 | 9.83 0.07 -8.72 | 9.83 0.07 -8.73 | 9.09 0.03 -8.54 | 9.55 0.07 -8.45 | 9.91 0.07 -8.80 | 15.50 0.43 -9.41 | 20.73 0.72 -8.76 | 14.34 0.21 -9.87 | 16.32 0.33 -9.77 | 16.29 0.30 -9.92 | 16.51 0.30 -10.00 | 15.15 0.19 -10.45 | 13.84 0.12 -11.02 | 12.54 0.04 -11.46 | 12.88 0.04 -11.80 | 14.62 0.04 -13.55 | 16.18 0.08 -14.12 | 19.89 0.31 -13.29 | 20.07 0.37 -11.72 | 26.50 0.66 -10.39 | 25.07 0.63 -8.65 | 23.84 0.80 -7.60 | 19.09 0.69 -8.07 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 10.47 0.07 -9.36 | 9.83 0.07 -8.72 | 9.83 0.07 -8.73 | 9.09 0.03 -8.54 | 9.55 0.07 -8.45 | 9.91 0.07 -8.80 | 15.50 0.43 -9.41 | 20.73 0.72 -8.76 | 14.34 0.21 -9.87 | 16.32 0.33 -9.77 | 16.29 0.30 -9.92 | 16.51 0.30 -10.00 | 15.15 0.19 -10.45 | 13.84 0.12 -11.02 | 12.54 0.04 -11.46 | 12.88 0.04 -11.80 | 14.62 0.04 -13.55 | 16.18 0.08 -14.12 | 19.89 0.31 -13.29 | 20.07 0.37 -11.72 | 26.50 0.66 -10.39 | 25.07 0.63 -8.65 | 23.84 0.80 -7.60 | 19.09 0.69 -8.07 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.97 0.07 -54.87 | 54.14 0.04 -53.59 | 54.09 0.07 -52.99 | 56.32 0.08 -55.20 | 65.07 0.42 -58.98 | 67.16 0.79 -55.13 | 68.66 0.31 -64.09 | 70.97 0.50 -64.25 | 71.97 0.54 -65.35 | 72.65 0.55 -65.88 | 73.69 0.40 -68.78 | 75.66 0.24 -72.73 | 76.67 0.09 -75.54 | 79.10 0.09 -77.97 | 91.50 0.09 -90.37 | 96.01 0.16 -93.87 | 94.69 0.48 -87.90 | 84.31 0.60 -75.73 | 83.66 1.11 -67.09 | 73.74 1.28 -56.67 | 66.45 1.33 -49.68 | 62.11 0.97 -50.82 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.98 0.08 -54.87 | 54.14 0.04 -53.59 | 54.10 0.07 -52.99 | 56.32 0.08 -55.20 | 65.09 0.44 -58.98 | 67.22 0.84 -55.13 | 68.67 0.33 -64.09 | 71.00 0.53 -64.25 | 72.02 0.60 -65.35 | 72.71 0.62 -65.88 | 73.74 0.45 -68.78 | 75.69 0.26 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.10 -90.37 | 96.03 0.18 -93.87 | 94.76 0.55 -87.90 | 84.39 0.69 -75.73 | 83.81 1.27 -67.09 | 73.88 1.42 -56.67 | 66.52 1.40 -49.68 | 62.16 1.02 -50.82 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 10.78 0.10 -9.64 | 10.12 0.10 -8.98 | 10.13 0.10 -8.99 | 9.36 0.05 -8.80 | 9.84 0.10 -8.70 | 10.21 0.11 -9.06 | 16.02 0.66 -9.69 | 21.47 1.20 -9.02 | 14.80 0.39 -10.16 | 16.85 0.58 -10.05 | 16.83 0.55 -10.21 | 17.06 0.55 -10.29 | 15.64 0.37 -10.75 | 14.26 0.23 -11.34 | 12.91 0.08 -11.79 | 13.27 0.09 -12.14 | 15.06 0.08 -13.94 | 16.68 0.17 -14.53 | 20.60 0.63 -13.67 | 20.83 0.80 -12.06 | 27.64 1.50 -10.69 | 26.10 1.40 -8.91 | 24.74 1.48 -7.82 | 19.77 1.14 -8.31 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 61.00 0.08 -59.88 | 56.52 0.07 -55.41 | 56.69 0.07 -55.58 | 54.84 0.03 -54.29 | 54.78 0.06 -53.69 | 57.04 0.07 -55.93 | 65.85 0.41 -59.77 | 67.91 0.81 -55.85 | 69.49 0.32 -64.92 | 71.78 0.51 -65.05 | 72.77 0.53 -66.16 | 73.48 0.57 -66.69 | 74.56 0.41 -69.63 | 76.55 0.24 -73.62 | 77.60 0.09 -76.47 | 80.06 0.09 -78.92 | 92.57 0.09 -91.44 | 97.14 0.17 -94.99 | 95.81 0.54 -88.97 | 85.37 0.67 -76.73 | 84.74 1.31 -67.97 | 74.49 1.33 -57.38 | 66.96 1.22 -50.30 | 62.61 0.79 -51.49 |
| PEEKSKILL____ 23653 | 59.64 0.07 -58.53 | 55.25 0.07 -54.15 | 55.41 0.06 -54.31 | 53.59 0.03 -53.05 | 53.55 0.06 -52.46 | 55.75 0.07 -54.65 | 64.45 0.39 -58.40 | 66.60 0.78 -54.58 | 68.02 0.31 -63.46 | 70.31 0.49 -63.61 | 71.29 0.51 -64.70 | 71.97 0.53 -65.22 | 72.99 0.38 -68.10 | 74.92 0.23 -72.00 | 75.91 0.09 -74.78 | 78.32 0.09 -77.19 | 90.58 0.08 -89.46 | 95.06 0.15 -92.92 | 93.81 0.49 -87.02 | 83.58 0.61 -74.99 | 83.06 1.17 -66.43 | 73.12 1.23 -56.10 | 65.78 1.16 -49.18 | 61.40 0.76 -50.32 |
| PGE MADISON___WINDPWR 24146 | 19.00 0.07 -17.89 | 17.78 0.07 -16.67 | 17.79 0.07 -16.68 | 16.88 0.03 -16.33 | 17.26 0.07 -16.15 | 17.94 0.08 -16.83 | 24.15 0.50 -17.98 | 29.00 1.01 -16.74 | 23.95 0.29 -19.41 | 25.82 0.39 -19.21 | 25.98 0.40 -19.50 | 26.26 0.39 -19.66 | 25.32 0.27 -20.55 | 24.51 0.14 -21.67 | 23.61 0.05 -22.52 | 24.29 0.05 -23.20 | 27.72 0.05 -26.64 | 29.87 0.13 -27.76 | 32.90 0.48 -26.12 | 31.69 0.67 -23.04 | 37.28 1.41 -20.42 | 34.11 1.31 -17.01 | 31.53 1.16 -14.94 | 26.51 0.75 -15.43 |
| PIERCEFIELD___HYD 23852 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.00 -0.03 0.00 | 0.50 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.52 -0.19 1.95 | 3.69 -0.35 7.20 | 2.37 -0.12 1.76 | 2.42 -0.21 3.59 | 2.39 -0.20 3.48 | 2.02 -0.20 3.99 | 1.55 -0.14 2.81 | 1.31 -0.10 1.28 | 0.83 -0.05 0.16 | 0.83 -0.06 0.16 | 0.99 -0.05 0.00 | 1.16 -0.10 0.73 | 2.33 -0.33 3.64 | 2.94 -0.42 4.61 | 14.73 -0.73 0.00 | 15.27 -0.52 0.00 | 14.88 -0.56 0.00 | 9.96 -0.36 0.00 |
| PINELAWN_CC_1 323563 | 73.85 0.12 -72.70 | 69.07 0.11 -67.92 | 59.68 0.10 -58.54 | 64.54 0.05 -63.97 | 68.68 0.10 -67.55 | 63.47 0.11 -62.33 | 82.60 0.62 -76.31 | 83.99 1.24 -71.51 | 83.91 0.47 -79.18 | 83.94 0.71 -77.01 | 82.27 0.60 -75.60 | 83.06 0.60 -76.24 | 83.67 0.43 -78.73 | 83.67 0.26 -80.71 | 84.49 0.10 -83.35 | 84.59 0.10 -83.44 | 96.39 0.10 -95.25 | 104.53 0.17 -102.37 | 109.57 0.56 -102.71 | 104.11 0.69 -95.44 | 101.26 1.33 -84.48 | 98.44 1.50 -81.15 | 84.72 1.64 -67.65 | 82.41 1.18 -70.92 |
| PJM_GEN_HTP_PROXY 323702 | 60.22 0.08 -59.10 | 55.79 0.07 -54.68 | 55.95 0.07 -54.85 | 54.12 0.03 -53.57 | 54.07 0.07 -52.97 | 56.30 0.07 -55.18 | 65.06 0.42 -58.97 | 67.22 0.85 -55.12 | 68.68 0.34 -64.08 | 71.00 0.54 -64.24 | 71.99 0.57 -65.35 | 72.68 0.58 -65.88 | 73.71 0.42 -68.78 | 75.67 0.25 -72.72 | 76.67 0.10 -75.53 | 79.10 0.10 -77.96 | 91.49 0.09 -90.37 | 96.01 0.17 -93.86 | 94.72 0.53 -87.90 | 84.36 0.66 -75.73 | 83.79 1.25 -67.09 | 73.79 1.34 -56.66 | 66.41 1.30 -49.67 | 61.98 0.85 -50.81 |
| PJM_GEN_KEystone 24065 | 43.80 0.07 -42.69 | 38.38 0.07 -37.28 | 37.02 0.06 -35.92 | 36.94 0.03 -36.39 | 37.16 0.06 -36.06 | 42.27 0.07 -41.16 | 44.80 0.40 -38.73 | 49.90 0.74 -37.91 | 52.70 0.26 -48.18 | 51.32 0.40 -44.70 | 54.60 0.41 -48.12 | 55.67 0.42 -49.04 | 54.80 0.29 -50.00 | 56.55 0.17 -53.68 | 56.70 0.06 -55.60 | 58.22 0.07 -57.11 | 61.27 0.06 -60.17 | 61.58 0.12 -59.48 | 61.00 0.41 -54.29 | 58.80 0.51 -50.31 | 60.09 0.97 -43.66 | 53.60 1.00 -36.82 | 47.59 1.02 -31.14 | 46.00 0.72 -34.96 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 68.34 0.10 -67.19 | 63.72 0.10 -62.59 | 58.18 0.09 -57.06 | 60.34 0.05 -59.78 | 62.80 0.09 -61.68 | 60.59 0.10 -59.45 | 82.54 0.56 -76.31 | 83.87 1.11 -71.51 | 83.87 0.43 -79.18 | 83.89 0.65 -77.01 | 82.30 0.63 -75.60 | 83.09 0.64 -76.24 | 83.70 0.46 -78.73 | 83.68 0.28 -80.71 | 84.49 0.10 -83.35 | 84.59 0.11 -83.44 | 96.39 0.10 -95.25 | 104.54 0.19 -102.37 | 109.61 0.60 -102.71 | 104.17 0.75 -95.44 | 101.37 1.44 -84.48 | 98.47 1.53 -81.15 | 84.69 1.61 -67.65 | 82.31 1.07 -70.92 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| PJM_GEN_VFT_PROXY 323633 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.95 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.06 0.41 -58.98 | 67.18 0.81 -55.12 | 68.67 0.32 -64.09 | 70.99 0.52 -64.25 | 72.00 0.57 -65.36 | 72.68 0.58 -65.89 | 73.71 0.41 -68.79 | 75.67 0.24 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.01 0.16 -93.87 | 94.71 0.50 -87.91 | 84.35 0.64 -75.74 | 83.75 1.21 -67.10 | 73.80 1.34 -56.67 | 66.41 1.30 -49.68 | 62.01 0.87 -50.82 |
| PLEASANTVLY___LBMP 24000 | 62.48 0.06 -61.38 | 57.85 0.06 -56.75 | 58.03 0.05 -56.94 | 56.14 0.03 -55.60 | 56.07 0.05 -54.98 | 58.38 0.06 -57.28 | 67.22 0.34 -61.21 | 69.15 0.67 -57.22 | 71.10 0.27 -66.58 | 73.45 0.42 -66.80 | 74.49 0.45 -67.96 | 75.20 0.47 -68.51 | 76.37 0.33 -71.52 | 78.53 0.20 -75.64 | 79.67 0.08 -78.56 | 82.22 0.08 -81.10 | 95.17 0.07 -94.06 | 99.79 0.13 -97.67 | 98.16 0.43 -91.44 | 87.16 0.53 -78.65 | 86.15 1.02 -69.67 | 75.76 1.07 -58.90 | 68.09 1.02 -51.63 | 63.74 0.66 -52.75 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 60.66 0.08 -59.54 | 56.19 0.07 -55.08 | 56.36 0.06 -55.26 | 54.52 0.03 -53.97 | 54.46 0.06 -53.37 | 56.70 0.07 -55.60 | 65.48 0.40 -59.42 | 67.57 0.80 -55.53 | 69.14 0.32 -64.56 | 71.44 0.50 -64.73 | 72.44 0.53 -65.84 | 73.14 0.55 -66.37 | 74.20 0.40 -69.29 | 76.20 0.23 -73.27 | 77.23 0.09 -76.10 | 79.68 0.09 -78.55 | 92.17 0.09 -91.05 | 96.70 0.16 -94.56 | 95.36 0.50 -88.56 | 84.90 0.63 -76.29 | 84.25 1.21 -67.59 | 74.14 1.26 -57.09 | 66.67 1.19 -50.05 | 62.29 0.77 -51.19 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 61.41 0.07 -60.30 | 56.92 0.07 -55.81 | 57.08 0.06 -55.98 | 55.23 0.03 -54.68 | 55.17 0.06 -54.07 | 57.44 0.07 -56.33 | 66.27 0.40 -60.20 | 68.26 0.77 -56.25 | 69.91 0.30 -65.35 | 72.14 0.47 -65.45 | 73.13 0.49 -66.57 | 73.83 0.51 -67.11 | 74.95 0.37 -70.07 | 76.99 0.22 -74.07 | 78.06 0.08 -76.94 | 80.53 0.08 -79.40 | 93.09 0.08 -91.97 | 97.69 0.15 -95.55 | 96.31 0.50 -89.51 | 85.85 0.62 -77.25 | 85.10 1.21 -68.44 | 74.73 1.20 -57.75 | 67.21 1.14 -50.63 | 62.92 0.74 -51.85 |
| POLETTI____ 23519 | 60.23 0.08 -59.11 | 55.79 0.07 -54.68 | 55.96 0.07 -54.85 | 54.12 0.03 -53.58 | 54.08 0.06 -52.98 | 56.30 0.07 -55.19 | 65.06 0.41 -58.98 | 67.21 0.84 -55.12 | 68.68 0.33 -64.09 | 71.00 0.53 -64.25 | 72.00 0.57 -65.36 | 72.69 0.58 -65.89 | 73.71 0.42 -68.79 | 75.67 0.25 -72.73 | 76.68 0.09 -75.54 | 79.11 0.09 -77.97 | 91.50 0.09 -90.38 | 96.02 0.16 -93.87 | 94.72 0.52 -87.91 | 84.36 0.65 -75.74 | 83.77 1.22 -67.10 | 73.78 1.33 -56.67 | 66.41 1.30 -49.68 | 61.99 0.86 -50.82 |
| PORT_JEFF_3 23555 | 74.63 0.12 -73.47 | 69.84 0.11 -68.69 | 59.89 0.10 -58.75 | 65.14 0.05 -64.57 | 69.53 0.10 -68.39 | 63.89 0.11 -62.74 | 82.60 0.62 -76.31 | 84.02 1.26 -71.51 | 83.92 0.48 -79.18 | 83.94 0.71 -77.01 | 82.32 0.64 -75.60 | 83.11 0.66 -76.24 | 83.71 0.47 -78.73 | 83.69 0.28 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.56 0.20 -102.37 | 109.66 0.65 -102.71 | 104.22 0.81 -95.44 | 101.52 1.59 -84.48 | 98.61 1.67 -81.15 | 84.87 1.79 -67.65 | 82.41 1.18 -70.92 |
| PORT_JEFF_4 23616 | 74.63 0.12 -73.47 | 69.84 0.11 -68.69 | 59.89 0.10 -58.75 | 65.14 0.05 -64.57 | 69.53 0.10 -68.39 | 63.89 0.11 -62.74 | 82.60 0.62 -76.31 | 84.02 1.26 -71.51 | 83.92 0.48 -79.18 | 83.94 0.71 -77.01 | 82.32 0.64 -75.60 | 83.11 0.66 -76.24 | 83.71 0.47 -78.73 | 83.69 0.28 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.56 0.20 -102.37 | 109.66 0.65 -102.71 | 104.22 0.81 -95.44 | 101.52 1.59 -84.48 | 98.61 1.67 -81.15 | 84.87 1.79 -67.65 | 82.41 1.18 -70.92 |
| PORT_JEFF_IC 23713 | 74.60 0.12 -73.44 | 69.81 0.11 -68.66 | 59.88 0.11 -58.74 | 65.12 0.05 -64.55 | 69.50 0.10 -68.36 | 63.88 0.11 -62.73 | 82.62 0.63 -76.31 | 84.04 1.28 -71.51 | 83.92 0.48 -79.18 | 83.95 0.72 -77.01 | 82.33 0.66 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.56 0.21 -102.37 | 109.66 0.65 -102.71 | 104.22 0.81 -95.44 | 101.57 1.64 -84.48 | 98.64 1.71 -81.15 | 84.90 1.82 -67.65 | 82.43 1.20 -70.92 |
| PPL PILGRIM_ST_GT1 24216 | 74.50 0.12 -73.34 | 69.71 0.11 -68.56 | 59.86 0.11 -58.72 | 65.04 0.05 -64.48 | 69.39 0.10 -68.25 | 63.82 0.11 -62.67 | 82.62 0.63 -76.31 | 84.03 1.27 -71.51 | 83.92 0.48 -79.18 | 83.95 0.72 -77.01 | 82.33 0.66 -75.60 | 83.13 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.55 0.19 -102.37 | 109.62 0.60 -102.71 | 104.17 0.75 -95.44 | 101.38 1.45 -84.48 | 98.64 1.71 -81.15 | 84.87 1.79 -67.65 | 82.42 1.19 -70.92 |
| PPL PILGRIM_ST_GT2 24217 | 74.50 0.12 -73.34 | 69.71 0.11 -68.56 | 59.86 0.11 -58.72 | 65.04 0.05 -64.48 | 69.39 0.10 -68.25 | 63.82 0.11 -62.67 | 82.62 0.63 -76.31 | 84.03 1.27 -71.51 | 83.92 0.48 -79.18 | 83.95 0.72 -77.01 | 82.33 0.66 -75.60 | 83.13 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.11 -83.44 | 96.40 0.11 -95.25 | 104.55 0.19 -102.37 | 109.62 0.60 -102.71 | 104.17 0.75 -95.44 | 101.38 1.45 -84.48 | 98.64 1.71 -81.15 | 84.87 1.79 -67.65 | 82.42 1.19 -70.92 |
| PPL_SHRM_GT3 24213 | 74.62 0.12 -73.46 | 69.83 0.12 -68.68 | 59.89 0.11 -58.75 | 65.13 0.05 -64.57 | 69.52 0.11 -68.38 | 63.89 0.12 -62.73 | 82.64 0.66 -76.31 | 84.11 1.35 -71.51 | 83.95 0.51 -79.18 | 83.97 0.73 -77.01 | 82.34 0.67 -75.60 | 83.13 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.12 -83.35 | 84.60 0.12 -83.44 | 96.40 0.12 -95.25 | 104.57 0.22 -102.37 | 109.72 0.71 -102.71 | 104.31 0.89 -95.44 | 101.66 1.73 -84.48 | 98.73 1.80 -81.15 | 85.01 1.93 -67.65 | 82.49 1.25 -70.92 |
| PPL_SHRM_GT4 24214 | 74.62 0.12 -73.46 | 69.83 0.12 -68.68 | 59.89 0.11 -58.75 | 65.13 0.05 -64.57 | 69.52 0.11 -68.38 | 63.89 0.12 -62.73 | 82.64 0.66 -76.31 | 84.11 1.35 -71.51 | 83.95 0.51 -79.18 | 83.97 0.73 -77.01 | 82.34 0.67 -75.60 | 83.13 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.12 -83.35 | 84.60 0.12 -83.44 | 96.40 0.12 -95.25 | 104.57 0.22 -102.37 | 109.72 0.71 -102.71 | 104.31 0.89 -95.44 | 101.66 1.73 -84.48 | 98.73 1.80 -81.15 | 85.01 1.93 -67.65 | 82.49 1.25 -70.92 |
| PROJECT___ORANGE 1 24174 | 6.59 0.01 -5.54 | 6.21 0.01 -5.16 | 6.21 0.01 -5.16 | 5.57 0.00 -5.06 | 6.04 0.01 -5.00 | 6.26 0.01 -5.21 | 11.32 0.09 -5.57 | 16.61 0.18 -5.18 | 10.26 0.06 -5.95 | 12.20 0.09 -5.89 | 12.15 0.10 -5.98 | 12.34 0.10 -6.03 | 10.88 0.07 -6.30 | 9.38 0.04 -6.65 | 7.96 0.01 -6.91 | 8.17 0.01 -7.12 | 9.22 0.01 -8.17 | 10.52 0.03 -8.52 | 14.40 0.09 -8.01 | 15.17 0.13 -7.07 | 21.98 0.26 -6.26 | 21.23 0.22 -5.22 | 20.22 0.20 -4.58 | 15.23 0.13 -4.78 |
| PROJECT___ORANGE 2 24166 | 6.59 0.01 -5.54 | 6.21 0.01 -5.16 | 6.21 0.01 -5.16 | 5.57 0.00 -5.06 | 6.04 0.01 -5.00 | 6.26 0.01 -5.21 | 11.32 0.09 -5.57 | 16.61 0.18 -5.18 | 10.26 0.06 -5.95 | 12.20 0.09 -5.89 | 12.15 0.10 -5.98 | 12.34 0.10 -6.03 | 10.88 0.07 -6.30 | 9.38 0.04 -6.65 | 7.96 0.01 -6.91 | 8.17 0.01 -7.12 | 9.22 0.01 -8.17 | 10.52 0.03 -8.52 | 14.40 0.09 -8.01 | 15.17 0.13 -7.07 | 21.98 0.26 -6.26 | 21.23 0.22 -5.22 | 20.22 0.20 -4.58 | 15.23 0.13 -4.78 |
| PYRITES___HYD 24023 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 0.51 -0.01 0.00 | 1.01 -0.02 0.00 | 1.02 -0.02 0.00 | 3.53 -0.13 2.00 | 3.64 -0.21 7.39 | 2.37 -0.08 1.81 | 2.39 -0.14 3.69 | 2.38 -0.12 3.57 | 1.99 -0.12 4.10 | 1.55 -0.09 2.87 | 1.32 -0.07 1.31 | 0.87 -0.03 0.14 | 0.86 -0.04 0.14 | 1.00 -0.03 0.00 | 1.17 -0.06 0.75 | 2.34 -0.22 3.73 | 2.95 -0.29 4.74 | 14.97 -0.48 0.00 | 15.44 -0.35 0.00 | 15.00 -0.43 0.00 | 10.04 -0.28 0.00 |

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|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAMAPO____LBMP 323565 | 58.07 0.07 -56.96 | 53.81 0.07 -52.71 | 53.97 0.06 -52.87 | 52.19 0.03 -51.64 | 52.16 0.06 -51.07 | 54.30 0.07 -53.20 | 62.90 0.38 -56.85 | 65.13 0.75 -53.13 | 66.30 0.30 -61.75 | 68.56 0.47 -61.87 | 69.50 0.50 -62.93 | 70.17 0.52 -63.43 | 71.11 0.37 -66.23 | 72.94 0.22 -70.02 | 73.85 0.08 -72.73 | 76.19 0.08 -75.06 | 88.09 0.08 -86.97 | 92.48 0.15 -90.34 | 91.40 0.48 -84.62 | 81.55 0.60 -72.98 | 81.25 1.14 -64.65 | 71.56 1.20 -54.58 | 64.43 1.14 -47.85 | 60.04 0.74 -48.98 |
| RANKINE____ 23646 | 10.91 0.10 -9.77 | 10.24 0.10 -9.11 | 10.24 0.10 -9.11 | 9.48 0.04 -8.92 | 9.95 0.10 -8.82 | 10.33 0.10 -9.19 | 16.09 0.60 -9.82 | 21.47 1.08 -9.15 | 14.90 0.34 -10.30 | 16.93 0.52 -10.20 | 16.92 0.49 -10.35 | 17.14 0.49 -10.43 | 15.74 0.33 -10.91 | 14.39 0.20 -11.50 | 13.06 0.07 -11.95 | 13.43 0.08 -12.31 | 15.24 0.07 -14.14 | 16.86 0.15 -14.73 | 20.70 0.53 -13.86 | 20.88 0.67 -12.23 | 27.56 1.27 -10.84 | 26.05 1.23 -9.03 | 24.72 1.36 -7.93 | 19.80 1.04 -8.43 |
| RAVENSWOOD_GT2_1 24244 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.79 1.24 -67.10 | 73.80 1.34 -56.67 | 66.42 1.30 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT2_2 24245 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.79 1.24 -67.10 | 73.80 1.34 -56.67 | 66.42 1.30 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT2_3 24246 | 60.24 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.03 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.82 1.36 -56.67 | 66.43 1.31 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT2_4 24247 | 60.24 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.03 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.82 1.36 -56.67 | 66.43 1.31 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT3_1 24248 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.79 1.24 -67.10 | 73.80 1.34 -56.67 | 66.42 1.30 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT3_2 24249 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.79 1.24 -67.10 | 73.80 1.34 -56.67 | 66.42 1.30 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT3_3 24250 | 60.24 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.08 0.43 -58.98 | 67.24 0.87 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.82 1.27 -67.10 | 73.83 1.37 -56.67 | 66.45 1.33 -49.68 | 62.02 0.88 -50.82 |
| RAVENSWOOD_GT3_4 24251 | 60.24 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.08 0.43 -58.98 | 67.24 0.87 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.70 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.82 1.27 -67.10 | 73.83 1.37 -56.67 | 66.45 1.33 -49.68 | 62.02 0.88 -50.82 |
| RAVENSWOOD_GT_1 23729 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.08 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.73 0.43 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.03 0.17 -93.87 | 94.74 0.53 -87.91 | 84.37 0.65 -75.74 | 83.77 1.22 -67.10 | 73.80 1.34 -56.67 | 66.46 1.34 -49.68 | 62.06 0.92 -50.82 |
| RAVENSWOOD_GT_10 24258 | 60.23 0.08 -59.11 | 55.80 0.07 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.80 1.34 -56.67 | 66.42 1.30 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT_11 24259 | 60.23 0.08 -59.11 | 55.80 0.07 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.80 1.34 -56.67 | 66.42 1.30 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT_4 24252 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.82 1.36 -56.67 | 66.42 1.30 -49.68 | 62.00 0.86 -50.82 |
| RAVENSWOOD_GT_5 24254 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.82 1.36 -56.67 | 66.42 1.30 -49.68 | 62.00 0.86 -50.82 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT_6 24253 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.82 1.36 -56.67 | 66.42 1.30 -49.68 | 62.00 0.86 -50.82 |
| RAVENSWOOD_GT_7 24255 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.58 -65.36 | 72.70 0.59 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.82 1.36 -56.67 | 66.42 1.30 -49.68 | 62.00 0.86 -50.82 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 60.23 0.08 -59.11 | 55.80 0.07 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.80 1.34 -56.67 | 66.42 1.30 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD_GT_9 24257 | 60.23 0.08 -59.11 | 55.80 0.07 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.80 1.25 -67.10 | 73.80 1.34 -56.67 | 66.42 1.30 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD___1 23533 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.22 0.84 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.70 0.59 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.52 -87.91 | 84.36 0.65 -75.74 | 83.76 1.21 -67.10 | 73.80 1.34 -56.67 | 66.45 1.33 -49.68 | 62.06 0.92 -50.82 |
| RAVENSWOOD___2 23534 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.22 0.84 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.73 0.52 -87.91 | 84.36 0.65 -75.74 | 83.76 1.21 -67.10 | 73.79 1.33 -56.67 | 66.43 1.31 -49.68 | 62.05 0.91 -50.82 |
| RAVENSWOOD___3 23535 | 60.23 0.08 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.01 0.54 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.17 -93.87 | 94.74 0.53 -87.91 | 84.38 0.66 -75.74 | 83.79 1.24 -67.10 | 73.80 1.34 -56.67 | 66.43 1.31 -49.68 | 62.01 0.87 -50.82 |
| RAVENSWOOD___4 23820 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.22 0.84 -55.13 | 68.69 0.34 -64.10 | 71.00 0.53 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.64 -75.74 | 83.74 1.19 -67.10 | 73.79 1.33 -56.67 | 66.43 1.31 -49.68 | 62.05 0.91 -50.82 |
| RCPL_TRUST___DRP 24196 | 60.22 0.08 -59.10 | 55.79 0.08 -54.68 | 55.95 0.07 -54.85 | 54.12 0.03 -53.57 | 54.07 0.07 -52.97 | 56.30 0.08 -55.18 | 65.08 0.44 -58.97 | 67.24 0.88 -55.12 | 68.69 0.35 -64.08 | 71.02 0.55 -64.24 | 72.02 0.60 -65.35 | 72.70 0.61 -65.88 | 73.72 0.44 -68.78 | 75.68 0.26 -72.72 | 76.67 0.10 -75.53 | 79.10 0.10 -77.96 | 91.50 0.10 -90.37 | 96.01 0.17 -93.86 | 94.74 0.55 -87.90 | 84.39 0.69 -75.73 | 83.84 1.30 -67.09 | 73.84 1.39 -56.66 | 66.44 1.33 -49.67 | 62.00 0.87 -50.81 |
| RED___ROCHESTER 323720 | 8.82 0.06 -7.72 | 8.29 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.36 0.06 -7.26 | 13.80 0.37 -7.76 | 19.17 0.70 -7.23 | 12.65 0.22 -8.18 | 14.65 0.34 -8.09 | 14.59 0.30 -8.22 | 14.81 0.31 -8.28 | 13.37 0.21 -8.66 | 11.95 0.13 -9.13 | 10.57 0.05 -9.49 | 10.86 0.05 -9.77 | 12.30 0.04 -11.22 | 13.76 0.09 -11.69 | 17.60 0.30 -11.00 | 18.07 0.39 -9.71 | 24.79 0.74 -8.60 | 23.68 0.73 -7.17 | 22.53 0.80 -6.29 | 17.60 0.62 -6.66 |
| RENSSELAER___COGEN 23796 | 82.24 0.02 -81.18 | 77.58 0.02 -76.53 | 77.37 0.02 -76.32 | 75.50 0.01 -74.98 | 75.19 0.02 -74.14 | 78.29 0.02 -77.24 | 88.32 0.11 -82.54 | 87.88 0.22 -76.41 | 91.05 0.10 -86.70 | 90.46 0.14 -84.10 | 91.29 0.11 -85.11 | 92.07 0.12 -85.74 | 94.39 0.08 -89.80 | 97.06 0.05 -94.31 | 99.18 0.02 -98.12 | 101.77 0.02 -100.71 | 114.92 0.02 -113.86 | 121.35 0.04 -119.33 | 119.72 0.13 -113.30 | 111.99 0.16 -103.85 | 107.66 0.29 -91.91 | 91.09 0.32 -74.99 | 81.81 0.37 -66.00 | 80.98 0.21 -70.45 |
| REVERE_CPPR_DRP 24186 | 2.93 0.03 -1.87 | 2.80 0.03 -1.74 | 2.80 0.03 -1.74 | 2.23 0.01 -1.70 | 2.75 0.03 -1.68 | 2.82 0.03 -1.75 | 7.65 0.21 -1.78 | 13.09 0.46 -1.38 | 6.31 0.14 -1.92 | 8.22 0.19 -1.81 | 8.13 0.21 -1.85 | 8.25 0.20 -1.83 | 6.64 0.15 -1.98 | 4.95 0.08 -2.18 | 3.39 0.03 -2.32 | 3.46 0.03 -2.39 | 3.82 0.03 -2.76 | 4.89 0.07 -2.84 | 9.11 0.26 -2.55 | 10.52 0.36 -2.19 | 18.31 0.74 -2.12 | 18.26 0.71 -1.76 | 17.52 0.54 -1.55 | 12.26 0.33 -1.61 |
| RIVERBAY____ 323610 | 60.25 0.09 -59.12 | 55.81 0.08 -54.69 | 55.98 0.08 -54.87 | 54.14 0.04 -53.59 | 54.10 0.07 -52.99 | 56.32 0.08 -55.20 | 65.09 0.44 -58.98 | 67.22 0.84 -55.13 | 68.67 0.33 -64.09 | 71.00 0.53 -64.25 | 72.02 0.60 -65.35 | 72.71 0.62 -65.88 | 73.74 0.45 -68.78 | 75.69 0.26 -72.73 | 76.68 0.10 -75.54 | 79.11 0.10 -77.97 | 91.51 0.10 -90.37 | 96.03 0.18 -93.87 | 94.76 0.55 -87.90 | 84.39 0.69 -75.73 | 83.81 1.27 -67.09 | 73.88 1.42 -56.67 | 66.52 1.40 -49.68 | 62.16 1.02 -50.82 |
| ROARING___BROOK_WT_PWR 323790 | -3.05 -0.03 4.06 | -2.68 -0.02 3.70 | -2.71 -0.02 3.73 | -3.12 -0.01 3.62 | -2.57 -0.03 3.58 | -2.72 -0.03 3.73 | 2.43 -0.17 3.07 | 10.53 -0.35 0.37 | 0.52 -0.13 3.61 | 3.15 -0.20 2.87 | 2.86 -0.19 3.02 | 3.20 -0.19 2.82 | 0.74 -0.14 3.63 | -1.99 -0.08 4.60 | -4.39 -0.03 5.40 | -4.59 -0.03 5.60 | -5.60 -0.03 6.61 | -4.54 -0.05 6.47 | 1.85 -0.15 4.30 | 5.17 -0.18 2.62 | 10.53 -0.33 4.59 | 11.50 -0.30 3.99 | 11.67 -0.28 3.49 | 6.69 -0.17 3.46 |
| ROCHESTER_9_IC 23652 | 8.81 0.05 -7.72 | 8.28 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.35 0.05 -7.26 | 13.78 0.35 -7.76 | 19.12 0.64 -7.23 | 12.63 0.20 -8.17 | 14.62 0.31 -8.09 | 14.56 0.27 -8.22 | 14.78 0.29 -8.28 | 13.35 0.19 -8.66 | 11.94 0.12 -9.13 | 10.57 0.04 -9.49 | 10.86 0.04 -9.77 | 12.29 0.04 -11.22 | 13.75 0.08 -11.69 | 17.58 0.28 -11.00 | 18.04 0.36 -9.71 | 24.73 0.68 -8.60 | 23.62 0.66 -7.17 | 22.47 0.74 -6.29 | 17.56 0.58 -6.66 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ROSETON___1 23587 | 60.50 0.06 -59.40 | 56.08 0.06 -54.98 | 56.23 0.05 -55.14 | 54.41 0.03 -53.87 | 54.36 0.05 -53.27 | 56.59 0.06 -55.49 | 65.31 0.33 -59.30 | 67.32 0.66 -55.41 | 68.89 0.26 -64.37 | 71.10 0.42 -64.46 | 72.08 0.44 -65.56 | 72.76 0.46 -66.09 | 73.84 0.33 -69.01 | 75.84 0.19 -72.95 | 76.89 0.07 -75.77 | 79.31 0.08 -78.19 | 91.67 0.07 -90.56 | 96.20 0.13 -94.09 | 94.87 0.42 -88.15 | 84.60 0.53 -76.10 | 83.89 1.02 -67.42 | 73.72 1.06 -56.87 | 66.30 1.00 -49.87 | 62.06 0.66 -51.08 |
| ROSETON___2 23588 | 60.50 0.06 -59.40 | 56.08 0.06 -54.98 | 56.23 0.05 -55.14 | 54.41 0.03 -53.87 | 54.36 0.05 -53.27 | 56.59 0.06 -55.49 | 65.31 0.33 -59.30 | 67.32 0.66 -55.41 | 68.89 0.26 -64.37 | 71.10 0.42 -64.46 | 72.08 0.44 -65.56 | 72.76 0.46 -66.09 | 73.84 0.33 -69.01 | 75.84 0.19 -72.95 | 76.89 0.07 -75.77 | 79.31 0.08 -78.19 | 91.67 0.07 -90.56 | 96.20 0.13 -94.09 | 94.87 0.42 -88.15 | 84.60 0.53 -76.10 | 83.89 1.02 -67.42 | 73.72 1.06 -56.87 | 66.30 1.00 -49.87 | 62.06 0.66 -51.08 |
| RUSSELL___1 23602 | 8.82 0.06 -7.72 | 8.29 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.36 0.06 -7.26 | 13.80 0.37 -7.76 | 19.17 0.70 -7.23 | 12.65 0.22 -8.18 | 14.65 0.34 -8.09 | 14.59 0.30 -8.22 | 14.81 0.31 -8.28 | 13.37 0.21 -8.66 | 11.95 0.13 -9.13 | 10.57 0.05 -9.49 | 10.86 0.05 -9.77 | 12.30 0.04 -11.22 | 13.76 0.09 -11.69 | 17.60 0.30 -11.00 | 18.07 0.39 -9.71 | 24.79 0.74 -8.60 | 23.68 0.73 -7.17 | 22.53 0.80 -6.29 | 17.60 0.62 -6.66 |
| RUSSELL___2 23532 | 8.82 0.06 -7.72 | 8.29 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.36 0.06 -7.26 | 13.80 0.37 -7.76 | 19.17 0.70 -7.23 | 12.65 0.22 -8.18 | 14.65 0.34 -8.09 | 14.59 0.30 -8.22 | 14.81 0.31 -8.28 | 13.37 0.21 -8.66 | 11.95 0.13 -9.13 | 10.57 0.05 -9.49 | 10.86 0.05 -9.77 | 12.30 0.04 -11.22 | 13.76 0.09 -11.69 | 17.60 0.30 -11.00 | 18.07 0.39 -9.71 | 24.79 0.74 -8.60 | 23.68 0.73 -7.17 | 22.53 0.80 -6.29 | 17.60 0.62 -6.66 |
| RUSSELL___3 23549 | 8.82 0.06 -7.72 | 8.29 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.36 0.06 -7.26 | 13.80 0.37 -7.76 | 19.17 0.70 -7.23 | 12.65 0.22 -8.18 | 14.65 0.34 -8.09 | 14.59 0.30 -8.22 | 14.81 0.31 -8.28 | 13.37 0.21 -8.66 | 11.95 0.13 -9.13 | 10.57 0.05 -9.49 | 10.86 0.05 -9.77 | 12.30 0.04 -11.22 | 13.76 0.09 -11.69 | 17.60 0.30 -11.00 | 18.07 0.39 -9.71 | 24.79 0.74 -8.60 | 23.68 0.73 -7.17 | 22.53 0.80 -6.29 | 17.60 0.62 -6.66 |
| RUSSELL___4 23556 | 8.82 0.06 -7.72 | 8.29 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.36 0.06 -7.26 | 13.80 0.37 -7.76 | 19.17 0.70 -7.23 | 12.65 0.22 -8.18 | 14.65 0.34 -8.09 | 14.59 0.30 -8.22 | 14.81 0.31 -8.28 | 13.37 0.21 -8.66 | 11.95 0.13 -9.13 | 10.57 0.05 -9.49 | 10.86 0.05 -9.77 | 12.30 0.04 -11.22 | 13.76 0.09 -11.69 | 17.60 0.30 -11.00 | 18.07 0.39 -9.71 | 24.79 0.74 -8.60 | 23.68 0.73 -7.17 | 22.53 0.80 -6.29 | 17.60 0.62 -6.66 |
| RUSSELL___STATION 23914 | 8.82 0.06 -7.72 | 8.29 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.36 0.06 -7.26 | 13.80 0.37 -7.76 | 19.17 0.70 -7.23 | 12.65 0.22 -8.18 | 14.65 0.34 -8.09 | 14.59 0.30 -8.22 | 14.81 0.31 -8.28 | 13.37 0.21 -8.66 | 11.95 0.13 -9.13 | 10.57 0.05 -9.49 | 10.86 0.05 -9.77 | 12.30 0.04 -11.22 | 13.76 0.09 -11.69 | 17.60 0.30 -11.00 | 18.07 0.39 -9.71 | 24.79 0.74 -8.60 | 23.68 0.73 -7.17 | 22.53 0.80 -6.29 | 17.60 0.62 -6.66 |
| S SALMON___HYD 24043 | 5.55 0.01 -4.51 | 5.24 0.01 -4.20 | 5.24 0.00 -4.20 | 4.63 0.00 -4.12 | 5.11 0.01 -4.07 | 5.28 0.01 -4.24 | 10.13 0.07 -4.39 | 15.10 0.15 -3.71 | 9.01 0.03 -4.72 | 10.80 0.04 -4.54 | 10.74 0.05 -4.62 | 10.89 0.04 -4.63 | 9.47 0.03 -4.94 | 8.04 0.01 -5.33 | 6.66 0.00 -5.62 | 6.83 0.00 -5.79 | 7.70 0.00 -6.66 | 8.88 0.01 -6.89 | 12.61 0.04 -6.27 | 13.50 0.08 -5.45 | 20.73 0.19 -5.09 | 20.21 0.17 -4.25 | 19.32 0.15 -3.73 | 14.30 0.09 -3.89 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 10.74 0.09 -9.62 | 10.09 0.08 -8.97 | 10.09 0.08 -8.97 | 9.34 0.04 -8.78 | 9.80 0.08 -8.69 | 10.17 0.09 -9.05 | 15.86 0.52 -9.67 | 21.17 0.92 -9.00 | 14.69 0.29 -10.15 | 16.70 0.44 -10.05 | 16.68 0.41 -10.20 | 16.91 0.41 -10.28 | 15.53 0.27 -10.75 | 14.19 0.16 -11.33 | 12.88 0.06 -11.78 | 13.24 0.06 -12.13 | 15.02 0.05 -13.93 | 16.62 0.12 -14.52 | 20.40 0.44 -13.66 | 20.58 0.55 -12.05 | 27.15 1.02 -10.68 | 25.66 0.98 -8.90 | 24.38 1.13 -7.81 | 19.52 0.90 -8.30 |
| SELKIRK___I 23801 | 79.99 0.03 -78.92 | 75.08 0.03 -74.01 | 74.99 0.03 -73.93 | 73.04 0.02 -72.51 | 72.77 0.03 -71.70 | 75.77 0.03 -74.70 | 85.66 0.16 -79.83 | 85.66 0.33 -74.09 | 89.01 0.13 -84.63 | 89.28 0.19 -82.87 | 90.24 0.18 -83.98 | 91.03 0.19 -84.62 | 93.19 0.14 -88.55 | 95.95 0.08 -93.18 | 97.97 0.03 -96.90 | 100.68 0.03 -99.61 | 114.51 0.03 -113.44 | 120.61 0.06 -118.57 | 118.53 0.19 -112.05 | 109.10 0.24 -100.88 | 105.31 0.45 -89.41 | 89.90 0.46 -73.66 | 80.70 0.51 -64.76 | 78.95 0.32 -68.31 |
| SELKIRK___II 23799 | 80.31 0.02 -79.25 | 75.51 0.02 -74.45 | 75.38 0.02 -74.33 | 73.47 0.01 -72.94 | 73.19 0.02 -72.13 | 76.20 0.02 -75.14 | 86.10 0.13 -80.30 | 85.96 0.25 -74.46 | 89.23 0.10 -84.87 | 89.22 0.15 -82.85 | 90.07 0.08 -83.92 | 90.85 0.08 -84.55 | 93.07 0.06 -88.51 | 95.81 0.03 -93.07 | 97.86 0.01 -96.80 | 100.52 0.01 -99.46 | 114.06 0.01 -113.01 | 120.23 0.03 -118.22 | 118.23 0.09 -111.85 | 109.37 0.11 -101.29 | 105.42 0.20 -89.77 | 89.71 0.20 -73.71 | 80.67 0.40 -64.83 | 79.23 0.25 -68.66 |
| SENECA OSWGO___HYD 24041 | 6.11 0.00 -5.07 | 5.76 0.00 -4.73 | 5.76 0.00 -4.73 | 5.14 0.00 -4.63 | 5.61 0.00 -4.58 | 5.81 0.00 -4.77 | 10.80 0.03 -5.10 | 16.05 0.06 -4.75 | 9.71 0.01 -5.45 | 11.63 0.02 -5.39 | 11.58 0.04 -5.47 | 11.78 0.04 -5.52 | 10.30 0.02 -5.77 | 8.79 0.01 -6.08 | 7.37 0.00 -6.32 | 7.56 0.01 -6.51 | 8.52 0.00 -7.48 | 9.79 0.01 -7.79 | 13.67 0.04 -7.33 | 14.50 0.06 -6.47 | 21.32 0.14 -5.73 | 20.67 0.11 -4.78 | 19.68 0.05 -4.19 | 14.73 0.03 -4.37 |
| SENECA___ENERGY 23797 | 9.05 0.03 -7.98 | 8.50 0.03 -7.44 | 8.50 0.02 -7.44 | 7.81 0.01 -7.29 | 8.27 0.03 -7.21 | 8.57 0.03 -7.51 | 13.90 0.22 -8.02 | 19.14 0.43 -7.47 | 12.93 0.12 -8.55 | 14.87 0.18 -8.47 | 14.85 0.18 -8.60 | 15.06 0.17 -8.67 | 13.68 0.12 -9.06 | 12.32 0.07 -9.55 | 10.99 0.02 -9.93 | 11.29 0.02 -10.23 | 12.80 0.02 -11.74 | 14.27 0.05 -12.24 | 18.01 0.20 -11.51 | 18.40 0.26 -10.16 | 24.98 0.53 -9.00 | 23.76 0.47 -7.50 | 22.48 0.46 -6.59 | 17.53 0.32 -6.89 |
| SHOEMAKER___GT 23640 | 55.30 0.06 -54.20 | 51.27 0.06 -50.17 | 51.41 0.06 -50.32 | 49.70 0.03 -49.15 | 49.70 0.05 -48.61 | 51.73 0.06 -50.64 | 60.12 0.34 -54.12 | 62.47 0.66 -50.56 | 63.25 0.26 -58.74 | 65.44 0.40 -58.82 | 66.30 0.41 -59.82 | 66.94 0.42 -60.31 | 67.78 0.31 -62.97 | 69.44 0.18 -66.56 | 70.25 0.07 -69.14 | 72.46 0.07 -71.35 | 83.74 0.07 -82.64 | 87.96 0.13 -85.85 | 87.14 0.41 -80.43 | 77.93 0.52 -69.44 | 77.98 1.00 -61.52 | 68.70 1.01 -51.90 | 61.93 0.99 -45.50 | 57.58 0.65 -46.61 |
| SHOREHAM_IC_1 23715 | 74.62 0.12 -73.46 | 69.83 0.12 -68.68 | 59.89 0.11 -58.75 | 65.13 0.05 -64.57 | 69.52 0.11 -68.38 | 63.89 0.12 -62.73 | 82.64 0.66 -76.31 | 84.11 1.35 -71.51 | 83.95 0.51 -79.18 | 83.97 0.73 -77.01 | 82.34 0.67 -75.60 | 83.13 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.12 -83.35 | 84.60 0.12 -83.44 | 96.40 0.12 -95.25 | 104.57 0.22 -102.37 | 109.72 0.71 -102.71 | 104.31 0.89 -95.44 | 101.66 1.73 -84.48 | 98.73 1.80 -81.15 | 85.01 1.93 -67.65 | 82.49 1.25 -70.92 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| SHOREHAM_IC_2 23716 | 74.62 0.12 -73.46 | 69.83 0.12 -68.68 | 59.89 0.11 -58.75 | 65.13 0.05 -64.57 | 69.52 0.11 -68.38 | 63.89 0.12 -62.73 | 82.64 0.66 -76.31 | 84.11 1.35 -71.51 | 83.95 0.51 -79.18 | 83.97 0.73 -77.01 | 82.34 0.67 -75.60 | 83.13 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.12 -83.35 | 84.60 0.12 -83.44 | 96.40 0.12 -95.25 | 104.57 0.22 -102.37 | 109.72 0.71 -102.71 | 104.31 0.89 -95.44 | 101.66 1.73 -84.48 | 98.73 1.80 -81.15 | 85.01 1.93 -67.65 | 82.49 1.25 -70.92 |
| SISSONVILLE____ 23735 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.00 -0.03 0.00 | 0.50 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.52 -0.19 1.95 | 3.69 -0.35 7.20 | 2.37 -0.12 1.76 | 2.42 -0.21 3.59 | 2.39 -0.20 3.48 | 2.02 -0.20 3.99 | 1.55 -0.14 2.81 | 1.31 -0.10 1.28 | 0.83 -0.05 0.16 | 0.83 -0.06 0.16 | 0.99 -0.05 0.00 | 1.16 -0.10 0.73 | 2.33 -0.33 3.64 | 2.94 -0.42 4.61 | 14.73 -0.73 0.00 | 15.27 -0.52 0.00 | 14.88 -0.56 0.00 | 9.96 -0.36 0.00 |
| SITHE_IND_GS1 24169 | 5.17 -0.01 -4.15 | 4.89 -0.01 -3.87 | 4.89 -0.01 -3.87 | 4.30 -0.01 -3.79 | 4.77 -0.01 -3.74 | 4.93 -0.01 -3.90 | 9.79 -0.05 -4.17 | 15.04 -0.09 -3.88 | 8.66 -0.05 -4.45 | 10.56 -0.06 -4.41 | 10.49 -0.06 -4.47 | 10.66 -0.06 -4.51 | 9.18 -0.05 -4.71 | 7.64 -0.03 -4.97 | 6.19 -0.01 -5.17 | 6.35 -0.01 -5.32 | 7.13 -0.01 -6.11 | 8.33 -0.02 -6.37 | 12.23 -0.06 -5.99 | 13.19 -0.07 -5.29 | 20.01 -0.12 -4.68 | 19.53 -0.16 -3.90 | 18.71 -0.15 -3.43 | 13.81 -0.09 -3.58 |
| SITHE_IND_GS2 24170 | 5.17 -0.01 -4.15 | 4.89 -0.01 -3.87 | 4.89 -0.01 -3.87 | 4.30 -0.01 -3.79 | 4.77 -0.01 -3.74 | 4.93 -0.01 -3.90 | 9.79 -0.05 -4.17 | 15.04 -0.09 -3.88 | 8.66 -0.05 -4.45 | 10.56 -0.06 -4.41 | 10.49 -0.06 -4.47 | 10.66 -0.06 -4.51 | 9.18 -0.05 -4.71 | 7.64 -0.03 -4.97 | 6.19 -0.01 -5.17 | 6.35 -0.01 -5.32 | 7.13 -0.01 -6.11 | 8.33 -0.02 -6.37 | 12.23 -0.06 -5.99 | 13.19 -0.07 -5.29 | 20.01 -0.12 -4.68 | 19.53 -0.16 -3.90 | 18.71 -0.15 -3.43 | 13.81 -0.09 -3.58 |
| SITHE_IND_GS3 24171 | 5.17 -0.01 -4.15 | 4.89 -0.01 -3.87 | 4.89 -0.01 -3.87 | 4.30 -0.01 -3.79 | 4.77 -0.01 -3.74 | 4.93 -0.01 -3.90 | 9.79 -0.05 -4.17 | 15.04 -0.09 -3.88 | 8.66 -0.05 -4.45 | 10.56 -0.06 -4.41 | 10.49 -0.06 -4.47 | 10.66 -0.06 -4.51 | 9.18 -0.05 -4.71 | 7.64 -0.03 -4.97 | 6.19 -0.01 -5.17 | 6.35 -0.01 -5.32 | 7.13 -0.01 -6.11 | 8.33 -0.02 -6.37 | 12.23 -0.06 -5.99 | 13.19 -0.07 -5.29 | 20.01 -0.12 -4.68 | 19.53 -0.16 -3.90 | 18.71 -0.15 -3.43 | 13.81 -0.09 -3.58 |
| SITHE_IND_GS4 24172 | 5.17 -0.01 -4.15 | 4.89 -0.01 -3.87 | 4.89 -0.01 -3.87 | 4.30 -0.01 -3.79 | 4.77 -0.01 -3.74 | 4.93 -0.01 -3.90 | 9.79 -0.05 -4.17 | 15.04 -0.09 -3.88 | 8.66 -0.05 -4.45 | 10.56 -0.06 -4.41 | 10.49 -0.06 -4.47 | 10.66 -0.06 -4.51 | 9.18 -0.05 -4.71 | 7.64 -0.03 -4.97 | 6.19 -0.01 -5.17 | 6.35 -0.01 -5.32 | 7.13 -0.01 -6.11 | 8.33 -0.02 -6.37 | 12.23 -0.06 -5.99 | 13.19 -0.07 -5.29 | 20.01 -0.12 -4.68 | 19.53 -0.16 -3.90 | 18.71 -0.15 -3.43 | 13.81 -0.09 -3.58 |
| SITHE____BATAVIA 24024 | 9.81 0.09 -8.68 | 9.22 0.09 -8.09 | 9.22 0.09 -8.10 | 8.48 0.04 -7.93 | 8.96 0.09 -7.84 | 9.30 0.09 -8.17 | 14.97 0.57 -8.73 | 20.41 1.03 -8.13 | 13.76 0.33 -9.17 | 15.79 0.49 -9.08 | 15.75 0.46 -9.22 | 15.96 0.45 -9.29 | 14.52 0.30 -9.71 | 13.12 0.18 -10.24 | 11.75 0.07 -10.65 | 12.08 0.07 -10.97 | 13.69 0.06 -12.59 | 15.23 0.13 -13.12 | 19.13 0.48 -12.35 | 19.50 0.63 -10.89 | 26.29 1.19 -9.65 | 24.98 1.15 -8.04 | 23.73 1.24 -7.06 | 18.76 0.95 -7.49 |
| SITHE____INDEPEND 23800 | 5.17 -0.01 -4.15 | 4.89 -0.01 -3.87 | 4.89 -0.01 -3.87 | 4.30 -0.01 -3.79 | 4.77 -0.01 -3.74 | 4.93 -0.01 -3.90 | 9.79 -0.05 -4.17 | 15.04 -0.09 -3.88 | 8.66 -0.05 -4.45 | 10.56 -0.06 -4.41 | 10.49 -0.06 -4.47 | 10.66 -0.06 -4.51 | 9.18 -0.05 -4.71 | 7.64 -0.03 -4.97 | 6.19 -0.01 -5.17 | 6.35 -0.01 -5.32 | 7.13 -0.01 -6.11 | 8.33 -0.02 -6.37 | 12.23 -0.06 -5.99 | 13.19 -0.07 -5.29 | 20.01 -0.12 -4.68 | 19.53 -0.16 -3.90 | 18.71 -0.15 -3.43 | 13.81 -0.09 -3.58 |
| SITHE____MASSENA 23902 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 0.50 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.13 -0.19 2.34 | 2.23 -0.37 8.64 | 2.02 -0.12 2.11 | 1.71 -0.20 4.31 | 1.70 -0.19 4.18 | 1.23 -0.19 4.79 | 1.13 -0.14 3.24 | 1.08 -0.08 1.53 | 0.98 -0.03 0.03 | 0.98 -0.03 0.03 | 1.01 -0.03 0.00 | 1.05 -0.06 0.87 | 1.70 -0.23 4.37 | 2.14 -0.29 5.54 | 14.90 -0.56 0.00 | 15.30 -0.49 0.00 | 14.90 -0.54 0.00 | 9.98 -0.34 0.00 |
| SITHE____OGDNSBRG 24021 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 1.01 -0.02 0.00 | 0.51 -0.01 0.00 | 1.01 -0.02 0.00 | 1.02 -0.02 0.00 | 3.42 -0.14 2.10 | 3.24 -0.25 7.76 | 2.27 -0.09 1.90 | 2.19 -0.16 3.87 | 2.17 -0.15 3.75 | 1.76 -0.15 4.30 | 1.43 -0.10 2.98 | 1.25 -0.07 1.38 | 0.90 -0.03 0.11 | 0.90 -0.03 0.11 | 1.01 -0.03 0.00 | 1.14 -0.06 0.78 | 2.16 -0.21 3.92 | 2.73 -0.27 4.97 | 14.97 -0.48 0.00 | 15.41 -0.38 0.00 | 14.99 -0.45 0.00 | 10.03 -0.29 0.00 |
| SITHE____STERLING 23777 | 3.61 0.03 -2.55 | 3.44 0.03 -2.37 | 3.43 0.02 -2.38 | 2.85 0.01 -2.33 | 3.36 0.02 -2.30 | 3.46 0.03 -2.40 | 8.41 0.18 -2.56 | 14.01 0.38 -2.38 | 7.12 0.11 -2.75 | 9.11 0.17 -2.72 | 9.02 0.19 -2.76 | 9.17 0.18 -2.78 | 7.54 0.13 -2.90 | 5.83 0.07 -3.06 | 4.25 0.03 -3.18 | 4.35 0.03 -3.28 | 4.83 0.03 -3.77 | 5.97 0.06 -3.92 | 10.21 0.22 -3.69 | 11.53 0.30 -3.26 | 18.97 0.63 -2.89 | 18.79 0.60 -2.41 | 18.01 0.46 -2.11 | 12.81 0.29 -2.20 |
| SOUTH CAIRO____GT 23612 | 73.69 0.04 -72.61 | 69.04 0.04 -67.96 | 69.00 0.04 -67.92 | 67.12 0.02 -66.58 | 66.91 0.04 -65.84 | 69.67 0.04 -68.59 | 79.18 0.21 -73.30 | 79.70 0.35 -68.10 | 82.35 0.11 -77.98 | 82.96 0.12 -76.62 | 83.77 0.01 -77.69 | 84.52 0.02 -78.28 | 86.42 0.02 -81.89 | 88.94 0.01 -86.23 | 90.70 0.00 -89.66 | 93.27 0.00 -92.22 | 106.34 0.01 -105.30 | 111.97 0.03 -109.96 | 110.19 0.12 -103.77 | 100.98 0.16 -92.85 | 98.10 0.37 -82.28 | 84.09 0.28 -68.02 | 75.77 0.55 -59.78 | 73.47 0.36 -62.79 |
| SOUTH HAMPTN____IC 23720 | 74.64 0.14 -73.47 | 69.85 0.13 -68.69 | 59.91 0.12 -58.75 | 65.15 0.06 -64.57 | 69.55 0.12 -68.39 | 63.91 0.13 -62.74 | 82.72 0.74 -76.31 | 84.27 1.52 -71.51 | 84.01 0.57 -79.18 | 84.06 0.83 -77.01 | 82.43 0.75 -75.60 | 83.22 0.76 -76.24 | 83.80 0.56 -78.73 | 83.74 0.33 -80.71 | 84.52 0.13 -83.35 | 84.61 0.13 -83.44 | 96.42 0.13 -95.25 | 104.60 0.25 -102.37 | 109.81 0.80 -102.71 | 104.42 1.00 -95.44 | 101.88 1.95 -84.48 | 98.96 2.02 -81.15 | 85.24 2.16 -67.65 | 82.62 1.38 -70.92 |
| SOUTHOLD____IC 23719 | 74.66 0.16 -73.47 | 69.87 0.15 -68.69 | 59.93 0.14 -58.75 | 65.16 0.07 -64.57 | 69.57 0.14 -68.39 | 63.93 0.15 -62.74 | 82.83 0.85 -76.31 | 84.51 1.75 -71.51 | 84.10 0.66 -79.18 | 84.18 0.95 -77.01 | 82.54 0.87 -75.60 | 83.33 0.88 -76.24 | 83.89 0.65 -78.73 | 83.79 0.38 -80.71 | 84.54 0.15 -83.35 | 84.63 0.15 -83.44 | 96.44 0.15 -95.25 | 104.63 0.28 -102.37 | 109.94 0.93 -102.71 | 104.59 1.17 -95.44 | 102.20 2.27 -84.48 | 99.27 2.34 -81.15 | 85.54 2.45 -67.65 | 82.81 1.57 -70.92 |
| ST LAWRENCE____ 23600 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 0.50 -0.01 0.00 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 3.00 -0.24 2.42 | 1.82 -0.48 8.94 | 1.91 -0.17 2.18 | 1.50 -0.26 4.46 | 1.50 -0.25 4.32 | 1.00 -0.26 4.95 | 1.00 -0.18 3.33 | 1.00 -0.11 1.59 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 1.00 -0.08 0.90 | 1.50 -0.28 4.52 | 1.89 -0.35 5.73 | 14.77 -0.68 0.00 | 15.12 -0.66 0.00 | 14.77 -0.66 0.00 | 9.89 -0.43 0.00 |

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| STATION 5_MISC_HYD 23604 | 8.81 0.05 -7.72 | 8.28 0.05 -7.20 | 8.29 0.05 -7.20 | 7.59 0.02 -7.05 | 8.06 0.05 -6.97 | 8.35 0.05 -7.26 | 13.78 0.35 -7.76 | 19.12 0.64 -7.23 | 12.63 0.20 -8.17 | 14.62 0.31 -8.09 | 14.56 0.27 -8.22 | 14.78 0.29 -8.28 | 13.35 0.19 -8.66 | 11.94 0.12 -9.13 | 10.57 0.04 -9.49 | 10.86 0.04 -9.77 | 12.29 0.04 -11.22 | 13.75 0.08 -11.69 | 17.58 0.28 -11.00 | 18.04 0.36 -9.71 | 24.73 0.68 -8.60 | 23.62 0.66 -7.17 | 22.47 0.74 -6.29 | 17.56 0.58 -6.66 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 8.76 0.04 -7.68 | 8.23 0.04 -7.15 | 8.23 0.04 -7.16 | 7.54 0.02 -7.01 | 8.01 0.04 -6.93 | 8.30 0.05 -7.22 | 13.69 0.31 -7.72 | 19.03 0.60 -7.18 | 12.61 0.19 -8.17 | 14.59 0.29 -8.08 | 14.55 0.27 -8.21 | 14.77 0.28 -8.27 | 13.34 0.19 -8.65 | 11.93 0.12 -9.12 | 10.56 0.04 -9.48 | 10.85 0.04 -9.76 | 12.28 0.04 -11.21 | 13.74 0.08 -11.68 | 17.57 0.28 -10.99 | 18.04 0.37 -9.70 | 24.75 0.71 -8.59 | 23.62 0.68 -7.16 | 22.37 0.65 -6.29 | 17.43 0.49 -6.62 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 8.73 0.04 -7.65 | 8.21 0.04 -7.13 | 8.21 0.04 -7.14 | 7.52 0.02 -6.99 | 7.99 0.04 -6.91 | 8.28 0.04 -7.20 | 13.65 0.29 -7.69 | 18.94 0.53 -7.16 | 12.53 0.16 -8.11 | 14.50 0.26 -8.03 | 14.45 0.22 -8.15 | 14.66 0.23 -8.21 | 13.25 0.15 -8.59 | 11.85 0.09 -9.05 | 10.48 0.03 -9.41 | 10.77 0.04 -9.69 | 12.20 0.03 -11.13 | 13.64 0.06 -11.60 | 17.44 0.23 -10.91 | 17.90 0.30 -9.63 | 24.54 0.56 -8.53 | 23.42 0.52 -7.11 | 22.26 0.59 -6.24 | 17.39 0.46 -6.60 |
| STEEL___WIND 323596 | 10.91 0.10 -9.77 | 10.24 0.10 -9.11 | 10.24 0.10 -9.11 | 9.48 0.04 -8.92 | 9.96 0.10 -8.82 | 10.33 0.10 -9.19 | 16.10 0.61 -9.82 | 21.48 1.09 -9.15 | 14.90 0.35 -10.30 | 16.94 0.52 -10.20 | 16.92 0.50 -10.35 | 17.15 0.50 -10.43 | 15.75 0.33 -10.91 | 14.40 0.20 -11.50 | 13.07 0.07 -11.95 | 13.43 0.08 -12.31 | 15.24 0.07 -14.14 | 16.87 0.15 -14.73 | 20.70 0.54 -13.86 | 20.88 0.68 -12.23 | 27.57 1.28 -10.84 | 26.06 1.25 -9.03 | 24.74 1.37 -7.93 | 19.81 1.05 -8.43 |
| STEBEN_REC_LFGE 323667 | 14.15 0.09 -13.02 | 13.26 0.08 -12.14 | 13.26 0.08 -12.14 | 12.44 0.04 -11.89 | 12.88 0.08 -11.76 | 13.38 0.09 -12.25 | 19.29 0.54 -13.09 | 24.38 0.94 -12.19 | 18.47 0.28 -13.94 | 20.40 0.39 -13.80 | 20.45 0.36 -14.01 | 20.69 0.36 -14.12 | 19.51 0.24 -14.76 | 18.40 0.14 -15.56 | 17.27 0.05 -16.18 | 17.76 0.05 -16.66 | 20.22 0.05 -19.13 | 22.03 0.11 -19.94 | 25.49 0.43 -18.76 | 25.11 0.59 -16.55 | 31.35 1.24 -14.66 | 29.22 1.22 -12.22 | 27.38 1.22 -10.73 | 22.45 0.89 -11.24 |
| STONY___BROOK 24151 | 74.59 0.12 -73.43 | 69.80 0.12 -68.65 | 59.88 0.11 -58.74 | 65.11 0.05 -64.54 | 69.49 0.11 -68.35 | 63.87 0.12 -62.72 | 82.64 0.66 -76.31 | 84.07 1.32 -71.51 | 83.94 0.50 -79.18 | 83.97 0.74 -77.01 | 82.33 0.66 -75.60 | 83.13 0.68 -76.24 | 83.73 0.49 -78.73 | 83.70 0.29 -80.71 | 84.50 0.11 -83.35 | 84.60 0.12 -83.44 | 96.40 0.11 -95.25 | 104.57 0.21 -102.37 | 109.68 0.67 -102.71 | 104.25 0.83 -95.44 | 101.59 1.65 -84.48 | 98.66 1.72 -81.15 | 84.97 1.88 -67.65 | 82.48 1.24 -70.92 |
| STURGEON_POOL_HYD 23609 | 63.24 0.07 -62.13 | 58.84 0.07 -57.73 | 58.93 0.06 -57.83 | 57.11 0.03 -56.56 | 57.03 0.06 -55.93 | 59.37 0.07 -58.27 | 68.31 0.37 -62.27 | 70.03 0.72 -58.07 | 71.67 0.28 -67.13 | 73.46 0.45 -66.79 | 74.44 0.51 -67.86 | 75.15 0.53 -68.40 | 76.36 0.39 -71.46 | 78.37 0.23 -75.45 | 79.52 0.09 -78.39 | 81.94 0.09 -80.81 | 94.27 0.09 -93.15 | 99.08 0.16 -96.94 | 97.85 0.51 -91.04 | 88.16 0.63 -79.55 | 87.16 1.22 -70.48 | 76.09 1.25 -59.06 | 68.37 1.11 -51.82 | 64.61 0.75 -53.53 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 56.45 0.07 -55.35 | 52.33 0.06 -51.23 | 52.48 0.06 -51.38 | 50.74 0.03 -50.19 | 50.72 0.05 -49.63 | 52.81 0.06 -51.71 | 61.28 0.35 -55.26 | 63.57 0.70 -51.63 | 64.53 0.28 -59.99 | 66.74 0.43 -60.09 | 67.65 0.46 -61.12 | 68.30 0.48 -61.61 | 69.18 0.35 -64.33 | 70.90 0.20 -68.00 | 71.75 0.08 -70.64 | 74.02 0.08 -72.90 | 85.55 0.08 -84.44 | 89.85 0.14 -87.72 | 88.93 0.45 -82.18 | 79.46 0.57 -70.92 | 79.36 1.08 -62.83 | 69.92 1.12 -53.01 | 62.97 1.05 -46.48 | 58.60 0.68 -47.60 |
| SYNERGY___BIOGAS 323694 | 9.81 0.09 -8.68 | 9.22 0.09 -8.09 | 9.22 0.09 -8.10 | 8.48 0.04 -7.93 | 8.96 0.09 -7.84 | 9.30 0.09 -8.17 | 14.97 0.57 -8.73 | 20.41 1.03 -8.13 | 13.76 0.33 -9.17 | 15.79 0.49 -9.08 | 15.75 0.46 -9.22 | 15.96 0.45 -9.29 | 14.52 0.30 -9.71 | 13.12 0.18 -10.24 | 11.75 0.07 -10.65 | 12.08 0.07 -10.97 | 13.69 0.06 -12.59 | 15.23 0.13 -13.12 | 19.13 0.48 -12.35 | 19.50 0.63 -10.89 | 26.29 1.19 -9.65 | 24.98 1.15 -8.04 | 23.73 1.24 -7.06 | 18.76 0.95 -7.49 |
| SYRACUSE___ENERGY_ST1 323597 | 7.41 0.01 -6.35 | 6.97 0.01 -5.92 | 6.97 0.01 -5.93 | 6.32 0.00 -5.80 | 6.78 0.01 -5.74 | 7.03 0.01 -5.98 | 12.16 0.10 -6.39 | 17.41 0.21 -5.95 | 11.15 0.07 -6.83 | 13.08 0.11 -6.76 | 13.05 0.12 -6.86 | 13.25 0.12 -6.91 | 11.82 0.08 -7.23 | 10.36 0.05 -7.62 | 8.98 0.02 -7.92 | 9.22 0.02 -8.16 | 10.42 0.02 -9.37 | 11.78 0.03 -9.76 | 15.60 0.11 -9.19 | 16.22 0.14 -8.11 | 22.94 0.31 -7.18 | 22.05 0.28 -5.98 | 20.94 0.25 -5.25 | 15.96 0.16 -5.48 |
| SYRACUSE___ENERGY_ST2 323598 | 7.41 0.01 -6.35 | 6.97 0.01 -5.92 | 6.97 0.01 -5.93 | 6.32 0.00 -5.80 | 6.78 0.01 -5.74 | 7.03 0.01 -5.98 | 12.16 0.10 -6.39 | 17.41 0.21 -5.95 | 11.15 0.07 -6.83 | 13.08 0.11 -6.76 | 13.05 0.12 -6.86 | 13.25 0.12 -6.91 | 11.82 0.08 -7.23 | 10.36 0.05 -7.62 | 8.98 0.02 -7.92 | 9.22 0.02 -8.16 | 10.42 0.02 -9.37 | 11.78 0.03 -9.76 | 15.60 0.11 -9.19 | 16.22 0.14 -8.11 | 22.94 0.31 -7.18 | 22.05 0.28 -5.98 | 20.94 0.25 -5.25 | 15.96 0.16 -5.48 |
| SYRACUSE___POWER 24017 | 7.60 0.01 -6.55 | 7.15 0.01 -6.10 | 7.15 0.01 -6.11 | 6.50 0.00 -5.98 | 6.96 0.01 -5.91 | 7.21 0.01 -6.16 | 12.34 0.10 -6.58 | 17.58 0.20 -6.13 | 11.36 0.06 -7.05 | 13.29 0.09 -6.98 | 13.25 0.10 -7.08 | 13.45 0.10 -7.14 | 12.04 0.07 -7.46 | 10.61 0.04 -7.87 | 9.23 0.01 -8.18 | 9.48 0.02 -8.42 | 10.72 0.01 -9.67 | 12.09 0.03 -10.08 | 15.89 0.11 -9.48 | 16.49 0.14 -8.37 | 23.16 0.29 -7.41 | 22.22 0.25 -6.18 | 21.08 0.22 -5.42 | 16.12 0.14 -5.65 |
| TRIGEN___CC 323695 | 71.78 0.11 -70.63 | 66.98 0.10 -65.85 | 59.09 0.09 -57.96 | 62.91 0.05 -62.34 | 66.39 0.09 -65.26 | 62.35 0.10 -61.21 | 82.54 0.56 -76.31 | 83.88 1.12 -71.51 | 83.87 0.43 -79.18 | 83.90 0.67 -77.01 | 82.32 0.65 -75.60 | 83.12 0.67 -76.24 | 83.72 0.48 -78.73 | 83.69 0.28 -80.71 | 84.50 0.11 -83.35 | 84.59 0.11 -83.44 | 96.39 0.11 -95.25 | 104.55 0.20 -102.37 | 109.63 0.62 -102.71 | 104.20 0.78 -95.44 | 101.43 1.50 -84.48 | 98.51 1.58 -81.15 | 84.72 1.64 -67.65 | 82.32 1.08 -70.92 |
| UNION___PROCESSING_DRP 323587 | 8.84 0.05 -7.75 | 8.31 0.05 -7.23 | 8.31 0.05 -7.23 | 7.62 0.02 -7.08 | 8.09 0.05 -7.00 | 8.38 0.05 -7.29 | 13.81 0.35 -7.79 | 19.13 0.63 -7.26 | 12.66 0.20 -8.21 | 14.65 0.30 -8.13 | 14.59 0.27 -8.25 | 14.81 0.27 -8.32 | 13.38 0.18 -8.69 | 11.97 0.11 -9.17 | 10.61 0.04 -9.53 | 10.90 0.04 -9.81 | 12.34 0.04 -11.27 | 13.80 0.07 -11.74 | 17.62 0.27 -11.05 | 18.07 0.35 -9.75 | 24.74 0.65 -8.64 | 23.62 0.63 -7.20 | 22.48 0.73 -6.32 | 17.58 0.57 -6.69 |
| UPPER HUDSON___HYD 24058 | 90.04 0.05 -88.96 | 84.95 0.04 -83.87 | 84.71 0.04 -83.64 | 82.71 0.02 -82.17 | 82.34 0.04 -81.26 | 85.74 0.05 -84.65 | 96.53 0.32 -90.54 | 95.90 0.63 -84.02 | 99.82 0.26 -95.31 | 99.00 0.27 -92.51 | 99.92 0.24 -93.60 | 100.69 0.16 -94.31 | 103.39 0.15 -98.73 | 106.42 0.10 -103.62 | 108.81 0.05 -107.72 | 111.65 0.05 -110.55 | 126.04 0.05 -124.95 | 133.15 0.12 -131.05 | 131.12 0.37 -124.45 | 122.62 0.49 -114.15 | 117.42 0.99 -100.98 | 99.06 0.92 -82.36 | 88.73 0.80 -72.49 | 88.01 0.49 -77.21 |

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| UPPER RAQUET___HYD 24056 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 1.00 -0.03 0.00 | 0.50 -0.01 0.00 | 1.01 -0.03 0.00 | 1.01 -0.03 0.00 | 3.52 -0.19 1.95 | 3.69 -0.35 7.20 | 2.37 -0.12 1.76 | 2.42 -0.21 3.59 | 2.39 -0.20 3.48 | 2.02 -0.20 3.99 | 1.55 -0.14 2.81 | 1.31 -0.10 1.28 | 0.83 -0.05 0.16 | 0.83 -0.06 0.16 | 0.99 -0.05 0.00 | 1.16 -0.10 0.73 | 2.33 -0.33 3.64 | 2.94 -0.42 4.61 | 14.73 -0.73 0.00 | 15.27 -0.52 0.00 | 14.88 -0.56 0.00 | 9.96 -0.36 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 24.69 0.05 -23.60 | 23.09 0.05 -21.99 | 23.10 0.05 -22.01 | 22.09 0.03 -21.55 | 22.40 0.06 -21.31 | 23.29 0.06 -22.20 | 29.71 0.32 -23.72 | 34.01 0.67 -22.09 | 30.05 0.24 -25.56 | 31.87 0.35 -25.30 | 32.07 0.32 -25.68 | 32.42 0.32 -25.88 | 31.79 0.23 -27.06 | 31.36 0.13 -28.54 | 30.74 0.05 -29.66 | 31.63 0.05 -30.54 | 36.16 0.05 -35.07 | 38.63 0.10 -36.55 | 41.01 0.31 -34.40 | 38.72 0.41 -30.34 | 43.16 0.82 -26.89 | 38.98 0.79 -22.41 | 35.96 0.85 -19.67 | 31.24 0.56 -20.36 |
| VISCHER___FERRY HYD 24020 | 86.30 0.04 -85.21 | 81.61 0.04 -80.53 | 81.32 0.04 -80.25 | 79.43 0.02 -78.90 | 79.09 0.04 -78.02 | 82.36 0.04 -81.28 | 92.87 0.28 -86.93 | 92.34 0.53 -80.56 | 95.53 0.21 -91.07 | 94.52 0.29 -88.01 | 95.34 0.28 -88.99 | 96.14 0.27 -89.66 | 98.61 0.20 -93.90 | 101.28 0.12 -98.46 | 103.48 0.05 -102.39 | 106.09 0.05 -105.00 | 119.37 0.05 -118.28 | 126.27 0.10 -124.19 | 124.76 0.32 -118.14 | 117.62 0.41 -109.23 | 112.91 0.82 -96.64 | 95.06 0.80 -78.47 | 85.28 0.74 -69.11 | 84.80 0.43 -74.04 |
| V_CMM_10_SYNC_DSASP 323787 | 1.00 -0.04 0.00 | 1.00 -0.03 0.00 | 1.00 -0.03 0.00 | 0.50 -0.01 0.00 | 1.00 -0.03 0.00 | 1.00 -0.03 0.00 | 3.02 -0.23 2.42 | 1.87 -0.44 8.94 | 1.92 -0.15 2.18 | 1.52 -0.24 4.46 | 1.52 -0.24 4.32 | 1.02 -0.24 4.95 | 1.01 -0.17 3.33 | 1.01 -0.10 1.59 | 1.00 -0.04 0.00 | 1.00 -0.04 0.00 | 1.00 -0.03 0.00 | 1.01 -0.07 0.90 | 1.52 -0.25 4.52 | 1.91 -0.33 5.73 | 14.82 -0.63 0.00 | 15.19 -0.60 0.00 | 14.82 -0.62 0.00 | 9.93 -0.39 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 0.96 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.49 -0.03 0.00 | 0.98 -0.06 0.00 | 0.98 -0.06 0.00 | 2.90 -0.35 2.43 | 1.55 -0.74 8.95 | 1.79 -0.29 2.18 | 1.33 -0.42 4.46 | 1.30 -0.45 4.32 | 0.76 -0.50 4.96 | 0.02 -0.38 4.11 | 0.89 -0.22 1.59 | 0.01 -0.08 0.95 | 0.01 -0.09 0.95 | 0.96 -0.08 0.00 | 0.92 -0.16 0.90 | 1.34 -0.43 4.52 | 1.72 -0.51 5.74 | 14.59 -0.87 0.00 | 14.95 -0.84 0.00 | 14.70 -0.74 0.00 | 9.88 -0.44 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 89.56 0.06 -88.46 | 84.52 0.06 -83.43 | 84.27 0.05 -83.19 | 82.28 0.02 -81.74 | 81.92 0.05 -80.83 | 85.30 0.06 -84.21 | 96.10 0.36 -90.07 | 95.51 0.70 -83.56 | 99.28 0.28 -94.74 | 98.48 0.35 -91.90 | 99.38 0.33 -92.98 | 100.21 0.31 -93.68 | 102.82 0.23 -98.07 | 105.76 0.15 -102.92 | 108.10 0.06 -107.00 | 110.90 0.06 -109.80 | 125.13 0.06 -124.04 | 132.22 0.13 -130.11 | 130.31 0.42 -123.59 | 122.01 0.54 -113.49 | 116.92 1.07 -100.40 | 98.65 1.03 -81.84 | 88.41 0.94 -72.04 | 87.70 0.59 -76.79 |
| V_F_30_SYNC_DSASP 323786 | 84.38 0.03 -83.32 | 79.63 0.03 -78.57 | 79.40 0.02 -78.34 | 77.50 0.01 -76.97 | 77.17 0.02 -76.12 | 80.36 0.03 -79.30 | 90.64 0.17 -84.80 | 90.23 0.33 -78.66 | 93.79 0.14 -89.40 | 93.15 0.19 -86.74 | 94.02 0.18 -87.76 | 94.83 0.19 -88.43 | 97.22 0.13 -92.58 | 99.95 0.08 -97.17 | 102.07 0.03 -101.00 | 104.72 0.03 -103.65 | 118.19 0.03 -117.12 | 124.91 0.06 -122.87 | 123.16 0.18 -116.68 | 115.26 0.23 -107.06 | 110.64 0.45 -94.74 | 93.49 0.46 -77.25 | 83.91 0.48 -68.00 | 82.92 0.28 -72.32 |
| V_XM_10_SYNC_DSASP 323789 | 0.96 -0.07 0.00 | 0.97 -0.07 0.00 | 0.97 -0.07 0.00 | 0.49 -0.03 0.00 | 0.98 -0.06 0.00 | 0.98 -0.06 0.00 | 2.90 -0.35 2.43 | 1.55 -0.74 8.95 | 1.79 -0.29 2.18 | 1.33 -0.42 4.46 | 1.30 -0.45 4.32 | 0.76 -0.50 4.96 | 0.02 -0.38 4.11 | 0.89 -0.22 1.59 | 0.01 -0.08 0.95 | 0.01 -0.09 0.95 | 0.96 -0.08 0.00 | 0.92 -0.16 0.90 | 1.34 -0.43 4.52 | 1.72 -0.51 5.74 | 14.59 -0.87 0.00 | 14.95 -0.84 0.00 | 14.70 -0.74 0.00 | 9.88 -0.44 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 58.26 0.08 -57.14 | 53.98 0.07 -52.87 | 54.14 0.07 -53.04 | 52.35 0.03 -51.80 | 52.32 0.06 -51.23 | 54.47 0.07 -53.37 | 63.11 0.41 -57.03 | 65.35 0.81 -53.29 | 66.52 0.32 -61.94 | 68.80 0.51 -62.07 | 69.74 0.53 -63.13 | 70.42 0.56 -63.64 | 71.36 0.41 -66.45 | 73.18 0.24 -70.25 | 74.10 0.09 -72.97 | 76.44 0.09 -75.31 | 88.38 0.09 -87.26 | 92.79 0.16 -90.64 | 91.72 0.52 -84.90 | 81.83 0.65 -73.21 | 81.55 1.24 -64.86 | 71.82 1.28 -54.75 | 64.66 1.22 -48.00 | 60.25 0.79 -49.13 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 60.22 0.08 -59.10 | 55.79 0.08 -54.68 | 55.95 0.07 -54.85 | 54.12 0.03 -53.57 | 54.07 0.07 -52.97 | 56.30 0.08 -55.18 | 65.08 0.44 -58.97 | 67.24 0.88 -55.12 | 68.69 0.35 -64.08 | 71.02 0.55 -64.24 | 72.02 0.60 -65.35 | 72.70 0.61 -65.88 | 73.72 0.44 -68.78 | 75.68 0.26 -72.72 | 76.67 0.10 -75.53 | 79.10 0.10 -77.96 | 91.50 0.10 -90.37 | 96.01 0.17 -93.86 | 94.74 0.55 -87.90 | 84.39 0.69 -75.73 | 83.84 1.30 -67.09 | 73.84 1.39 -56.66 | 66.44 1.33 -49.67 | 62.00 0.87 -50.81 |
| WADING RIVER_IC_1 23522 | 74.64 0.13 -73.47 | 69.84 0.12 -68.69 | 59.90 0.11 -58.75 | 65.15 0.06 -64.58 | 69.54 0.11 -68.39 | 63.90 0.12 -62.74 | 82.65 0.67 -76.31 | 84.12 1.36 -71.51 | 83.95 0.51 -79.18 | 83.97 0.74 -77.01 | 82.35 0.67 -75.60 | 83.14 0.68 -76.24 | 83.74 0.50 -78.73 | 83.71 0.30 -80.71 | 84.50 0.12 -83.35 | 84.60 0.12 -83.44 | 96.40 0.12 -95.25 | 104.57 0.22 -102.37 | 109.72 0.71 -102.71 | 104.31 0.89 -95.44 | 101.66 1.73 -84.48 | 98.73 1.80 -81.15 | 85.03 1.94 -67.65 | 82.50 1.26 -70.92 |
| WADING RIVER_IC_2 23547 | 74.64 0.13 -73.47 | 69.84 0.12 -68.69 | 59.90 0.11 -58.75 | 65.15 0.06 -64.58 | 69.54 0.11 -68.39 | 63.90 0.12 -62.74 | 82.65 0.67 -76.31 | 84.12 1.36 -71.51 | 83.95 0.51 -79.18 | 83.97 0.74 -77.01 | 82.35 0.67 -75.60 | 83.14 0.68 -76.24 | 83.74 0.50 -78.73 | 83.71 0.30 -80.71 | 84.50 0.12 -83.35 | 84.60 0.12 -83.44 | 96.40 0.12 -95.25 | 104.57 0.22 -102.37 | 109.72 0.71 -102.71 | 104.31 0.89 -95.44 | 101.66 1.73 -84.48 | 98.73 1.80 -81.15 | 85.03 1.94 -67.65 | 82.50 1.26 -70.92 |
| WADING RIVER_IC_3 23601 | 74.64 0.13 -73.47 | 69.84 0.12 -68.69 | 59.90 0.11 -58.75 | 65.15 0.06 -64.58 | 69.54 0.11 -68.39 | 63.90 0.12 -62.74 | 82.65 0.67 -76.31 | 84.12 1.36 -71.51 | 83.95 0.51 -79.18 | 83.97 0.74 -77.01 | 82.35 0.67 -75.60 | 83.14 0.68 -76.24 | 83.74 0.50 -78.73 | 83.71 0.30 -80.71 | 84.50 0.12 -83.35 | 84.60 0.12 -83.44 | 96.40 0.12 -95.25 | 104.57 0.22 -102.37 | 109.72 0.71 -102.71 | 104.31 0.89 -95.44 | 101.66 1.73 -84.48 | 98.73 1.80 -81.15 | 85.03 1.94 -67.65 | 82.50 1.26 -70.92 |
| WALDEN___HYDRO 24148 | 58.93 0.08 -57.82 | 54.64 0.07 -53.54 | 54.79 0.07 -53.69 | 53.00 0.03 -52.45 | 52.97 0.06 -51.87 | 55.14 0.07 -54.03 | 63.81 0.40 -57.75 | 65.95 0.77 -53.94 | 67.19 0.29 -62.64 | 69.37 0.45 -62.70 | 70.31 0.47 -63.76 | 70.98 0.49 -64.28 | 71.98 0.35 -67.12 | 73.85 0.21 -70.94 | 74.81 0.08 -73.69 | 77.17 0.08 -76.04 | 89.15 0.08 -88.04 | 93.61 0.15 -91.48 | 92.52 0.50 -85.72 | 82.68 0.63 -74.07 | 82.30 1.22 -65.62 | 72.35 1.23 -55.33 | 65.11 1.16 -48.52 | 60.81 0.76 -49.73 |
| WARRENSBURG____ 23737 | 90.04 0.05 -88.96 | 84.95 0.04 -83.87 | 84.71 0.04 -83.64 | 82.71 0.02 -82.17 | 82.34 0.04 -81.26 | 85.74 0.05 -84.65 | 96.53 0.32 -90.54 | 95.90 0.63 -84.02 | 99.82 0.26 -95.31 | 99.00 0.27 -92.51 | 99.92 0.24 -93.60 | 100.69 0.16 -94.31 | 103.39 0.15 -98.73 | 106.42 0.10 -103.62 | 108.81 0.05 -107.72 | 111.65 0.05 -110.55 | 126.04 0.05 -124.95 | 133.15 0.12 -131.05 | 131.12 0.37 -124.45 | 122.62 0.49 -114.15 | 117.42 0.99 -100.98 | 99.06 0.92 -82.36 | 88.73 0.80 -72.49 | 88.01 0.49 -77.21 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| WATERSIDE___6 8 9 23538 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.07 0.42 -58.98 | 67.22 0.84 -55.13 | 68.69 0.34 -64.10 | 71.00 0.53 -64.26 | 72.01 0.57 -65.36 | 72.69 0.58 -65.89 | 73.72 0.42 -68.79 | 75.68 0.25 -72.73 | 76.68 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.09 -90.38 | 96.02 0.16 -93.87 | 94.73 0.52 -87.91 | 84.35 0.64 -75.74 | 83.74 1.19 -67.10 | 73.79 1.33 -56.67 | 66.43 1.31 -49.68 | 62.05 0.91 -50.82 |
| WDELAWARE___HYD 323627 | 53.78 0.11 -52.63 | 49.96 0.10 -48.82 | 50.06 0.10 -48.93 | 48.39 0.05 -47.83 | 48.42 0.09 -47.30 | 50.41 0.10 -49.27 | 58.90 0.58 -52.66 | 61.48 1.09 -49.14 | 61.62 0.41 -56.95 | 63.70 0.64 -56.84 | 64.52 0.67 -57.78 | 65.18 0.73 -58.24 | 65.86 0.52 -60.83 | 67.27 0.31 -64.26 | 67.91 0.12 -66.76 | 70.01 0.12 -68.85 | 80.70 0.12 -79.54 | 84.91 0.22 -82.72 | 84.60 0.71 -77.59 | 76.28 0.89 -67.42 | 76.94 1.76 -59.73 | 67.66 1.67 -50.21 | 61.02 1.54 -44.04 | 56.67 1.04 -45.31 |
| WEST BABYLON___IC 23714 | 73.86 0.12 -72.70 | 69.08 0.12 -67.93 | 59.68 0.11 -58.54 | 64.54 0.05 -63.98 | 68.69 0.11 -67.55 | 63.48 0.12 -62.33 | 82.64 0.66 -76.31 | 84.08 1.33 -71.51 | 83.94 0.51 -79.18 | 83.99 0.76 -77.01 | 82.36 0.69 -75.60 | 83.16 0.71 -76.24 | 83.75 0.51 -78.73 | 83.71 0.30 -80.71 | 84.51 0.12 -83.35 | 84.60 0.12 -83.44 | 96.41 0.12 -95.25 | 104.57 0.21 -102.37 | 109.70 0.69 -102.71 | 104.27 0.85 -95.44 | 101.59 1.65 -84.48 | 98.72 1.78 -81.15 | 84.95 1.87 -67.65 | 82.49 1.25 -70.92 |
| WEST CANADA___HYD 24049 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 0.52 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 5.77 0.02 -0.08 | 11.59 0.03 -0.31 | 4.34 0.01 -0.08 | 6.39 0.01 -0.15 | 6.24 0.02 -0.15 | 6.40 0.02 -0.17 | 4.64 0.01 -0.11 | 2.76 0.01 -0.05 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 1.04 0.00 0.00 | 2.02 0.01 -0.03 | 6.52 0.03 -0.20 | 8.27 0.04 -0.26 | 15.53 0.08 0.00 | 15.87 0.08 0.00 | 15.50 0.06 0.00 | 10.36 0.04 0.00 |
| WESTERN_NY_WIND 24143 | 9.90 0.09 -8.77 | 9.30 0.09 -8.17 | 9.30 0.09 -8.18 | 8.56 0.04 -8.01 | 9.04 0.09 -7.92 | 9.38 0.09 -8.25 | 15.06 0.57 -8.82 | 20.49 1.03 -8.21 | 13.84 0.32 -9.27 | 15.88 0.49 -9.17 | 15.83 0.45 -9.31 | 16.05 0.45 -9.39 | 14.62 0.30 -9.81 | 13.22 0.18 -10.35 | 11.86 0.07 -10.75 | 12.19 0.07 -11.07 | 13.82 0.06 -12.72 | 15.37 0.13 -13.25 | 19.25 0.48 -12.47 | 19.60 0.62 -11.00 | 26.37 1.17 -9.75 | 25.06 1.15 -8.12 | 23.79 1.22 -7.13 | 18.84 0.95 -7.57 |
| WESTOVER___LESR 323668 | 20.20 0.05 -19.11 | 18.90 0.05 -17.81 | 18.91 0.05 -17.83 | 17.99 0.02 -17.45 | 18.34 0.05 -17.26 | 19.06 0.05 -17.98 | 25.17 0.29 -19.21 | 29.70 0.56 -17.89 | 25.36 0.17 -20.93 | 27.19 0.25 -20.72 | 27.36 0.25 -21.04 | 27.67 0.25 -21.20 | 26.85 0.18 -22.16 | 26.17 0.10 -23.37 | 25.37 0.04 -24.29 | 26.10 0.04 -25.02 | 29.81 0.04 -28.73 | 32.01 0.09 -29.94 | 34.76 0.29 -28.17 | 33.20 0.37 -24.85 | 38.21 0.74 -22.02 | 34.86 0.73 -18.35 | 32.26 0.71 -16.11 | 27.30 0.49 -16.49 |
| WETHRSFD_WT_PWR 323626 | 12.28 0.08 -11.16 | 11.52 0.08 -10.40 | 11.52 0.08 -10.41 | 10.74 0.04 -10.19 | 11.19 0.08 -10.08 | 11.62 0.09 -10.50 | 17.36 0.48 -11.22 | 22.51 0.82 -10.45 | 16.36 0.24 -11.86 | 18.32 0.36 -11.74 | 18.33 0.33 -11.92 | 18.55 0.32 -12.02 | 17.28 0.21 -12.56 | 16.07 0.12 -13.25 | 14.85 0.04 -13.77 | 15.27 0.05 -14.18 | 17.36 0.04 -16.28 | 19.05 0.10 -16.97 | 22.64 0.38 -15.97 | 22.54 0.48 -14.09 | 28.92 0.99 -12.48 | 27.17 0.98 -10.40 | 25.69 1.13 -9.13 | 20.82 0.87 -9.63 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 58.31 0.07 -57.20 | 54.04 0.07 -52.93 | 54.19 0.06 -53.09 | 52.41 0.03 -51.86 | 52.38 0.06 -51.28 | 54.53 0.07 -53.43 | 63.15 0.39 -57.09 | 65.37 0.78 -53.35 | 66.57 0.31 -62.01 | 68.84 0.48 -62.14 | 69.79 0.51 -63.20 | 70.46 0.53 -63.71 | 71.41 0.38 -66.52 | 73.25 0.23 -70.33 | 74.18 0.09 -73.05 | 76.52 0.09 -75.40 | 88.48 0.08 -87.36 | 92.88 0.15 -90.75 | 91.79 0.49 -85.00 | 81.88 0.61 -73.29 | 81.56 1.17 -64.93 | 71.82 1.22 -54.81 | 64.65 1.16 -48.06 | 60.26 0.75 -49.18 |
| YORK___WARBASSE 23770 | 60.24 0.09 -59.11 | 55.80 0.08 -54.69 | 55.96 0.07 -54.86 | 54.13 0.03 -53.58 | 54.08 0.07 -52.98 | 56.31 0.07 -55.19 | 65.08 0.43 -58.98 | 67.23 0.85 -55.13 | 68.69 0.34 -64.10 | 71.02 0.55 -64.26 | 72.02 0.58 -65.36 | 72.71 0.60 -65.89 | 73.73 0.43 -68.79 | 75.69 0.26 -72.73 | 76.69 0.10 -75.55 | 79.12 0.10 -77.98 | 91.51 0.10 -90.38 | 96.03 0.17 -93.87 | 94.75 0.54 -87.91 | 84.39 0.67 -75.74 | 83.79 1.24 -67.10 | 73.85 1.39 -56.67 | 66.49 1.37 -49.68 | 62.08 0.94 -50.82 |