

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/24/2022

| 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 | 55.42 | 61.38 | 53.51 | 50.26 | 52.27 | 52.47 | 47.27 | 47.89 | 47.22 | 47.56 | 44.74 | 45.41 | 46.55 | 47.14 | 48.73 | 48.14 | 48.94 | 61.98 | 64.03 | 59.48 | 148.85 | 68.15 | 58.91 | 54.04 |
| 24138 | 0.59 | -1.27 | -1.11 | -1.05 | -1.16 | -1.19 | -0.97 | -0.53 | -0.48 | -0.58 | -0.81 | -1.06 | -1.10 | -0.62 | 0.12 | -0.30 | -1.11 | -0.38 | 0.45 | 1.28 | 9.43 | -1.14 | -0.64 | -1.24 |
| | -48.93 | -77.01 | -66.96 | -62.90 | -66.38 | -66.63 | -58.50 | -54.08 | -52.85 | -54.05 | -53.58 | -56.65 | -58.12 | -53.24 | -47.49 | -51.08 | -59.92 | -65.59 | -59.43 | -45.94 | -52.14 | -79.96 | -65.53 | -67.41 |
| 74TH STREET_GT_1 | 55.42 | 61.41 | 53.53 | 50.28 | 52.29 | 52.49 | 47.30 | 47.90 | 47.23 | 47.58 | 44.76 | 45.43 | 46.57 | 47.15 | 48.74 | 48.15 | 48.96 | 61.99 | 64.03 | 59.47 | 148.67 | 68.19 | 58.93 | 54.05 |
| 24260 | 0.58 | -1.26 | -1.10 | -1.03 | -1.14 | -1.18 | -0.95 | -0.52 | -0.48 | -0.57 | -0.80 | -1.05 | -1.09 | -0.61 | 0.12 | -0.30 | -1.09 | -0.37 | 0.44 | 1.26 | 9.24 | -1.11 | -0.64 | -1.25 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| 74TH STREET_GT_2 | 55.42 | 61.41 | 53.53 | 50.28 | 52.29 | 52.49 | 47.30 | 47.90 | 47.23 | 47.58 | 44.76 | 45.43 | 46.57 | 47.15 | 48.74 | 48.15 | 48.96 | 61.99 | 64.03 | 59.47 | 148.67 | 68.19 | 58.93 | 54.05 |
| 24261 | 0.58 | -1.26 | -1.10 | -1.03 | -1.14 | -1.18 | -0.95 | -0.52 | -0.48 | -0.57 | -0.80 | -1.05 | -1.09 | -0.61 | 0.12 | -0.30 | -1.09 | -0.37 | 0.44 | 1.26 | 9.24 | -1.11 | -0.64 | -1.25 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| ADK HUDSON___FALLS | 74.57 | 92.40 | 80.53 | 75.66 | 79.09 | 79.44 | 70.88 | 69.54 | 68.35 | 69.25 | 66.36 | 68.40 | 70.14 | 68.64 | 67.50 | 68.56 | 72.47 | 82.65 | 78.03 | 73.80 | 163.21 | 94.16 | 80.16 | 76.06 |
| 24011 | 0.34 | -0.80 | -0.64 | -0.59 | -0.67 | -0.64 | -0.56 | -0.33 | -0.31 | -0.34 | -0.44 | -0.55 | -0.55 | -0.23 | 0.06 | -0.13 | -0.52 | -0.19 | 0.31 | 0.86 | 7.06 | -0.79 | -0.42 | -0.80 |
| | -68.33 | -107.55 | -93.52 | -87.85 | -92.70 | -93.05 | -81.70 | -75.53 | -73.82 | -75.49 | -74.83 | -79.12 | -81.16 | -74.36 | -66.32 | -71.34 | -82.87 | -86.07 | -73.55 | -60.68 | -68.87 | -105.61 | -86.56 | -88.98 |
| ADK RESOURCE___RCVRY | 74.66 | 92.44 | 80.60 | 75.72 | 79.15 | 79.50 | 70.92 | 69.59 | 68.41 | 69.31 | 66.41 | 68.43 | 70.18 | 68.70 | 67.57 | 68.62 | 72.53 | 82.75 | 78.13 | 73.90 | 163.60 | 94.22 | 80.22 | 76.10 |
| 23798 | 0.36 | -0.86 | -0.68 | -0.63 | -0.70 | -0.68 | -0.61 | -0.36 | -0.33 | -0.35 | -0.47 | -0.59 | -0.60 | -0.24 | 0.06 | -0.14 | -0.56 | -0.19 | 0.34 | 0.91 | 7.39 | -0.82 | -0.44 | -0.83 |
| | -68.40 | -107.66 | -93.62 | -87.94 | -92.80 | -93.14 | -81.79 | -75.61 | -73.89 | -75.56 | -74.91 | -79.20 | -81.24 | -74.44 | -66.39 | -71.42 | -82.96 | -86.18 | -73.63 | -60.73 | -68.94 | -105.70 | -86.63 | -89.06 |
| ADK S GLENS___FALLS | 74.57 | 92.40 | 80.53 | 75.66 | 79.09 | 79.44 | 70.88 | 69.54 | 68.35 | 69.25 | 66.36 | 68.40 | 70.14 | 68.64 | 67.50 | 68.56 | 72.47 | 82.65 | 78.03 | 73.80 | 163.21 | 94.16 | 80.16 | 76.06 |
| 24028 | 0.34 | -0.80 | -0.64 | -0.59 | -0.67 | -0.64 | -0.56 | -0.33 | -0.31 | -0.34 | -0.44 | -0.55 | -0.55 | -0.23 | 0.06 | -0.13 | -0.52 | -0.19 | 0.31 | 0.86 | 7.06 | -0.79 | -0.42 | -0.80 |
| | -68.33 | -107.55 | -93.52 | -87.85 | -92.70 | -93.05 | -81.70 | -75.53 | -73.82 | -75.49 | -74.83 | -79.12 | -81.16 | -74.36 | -66.32 | -71.34 | -82.87 | -86.07 | -73.55 | -60.68 | -68.87 | -105.61 | -86.56 | -88.98 |
| ADK_NYS___DAM | 71.03 | 86.67 | 75.54 | 70.97 | 74.14 | 74.51 | 66.57 | 65.60 | 64.50 | 65.30 | 62.44 | 64.24 | 65.87 | 64.72 | 64.03 | 64.82 | 67.87 | 76.64 | 73.50 | 71.02 | 158.68 | 89.83 | 76.52 | 72.32 |
| 23527 | 0.37 | -0.91 | -0.76 | -0.70 | -0.78 | -0.72 | -0.60 | -0.33 | -0.31 | -0.34 | -0.46 | -0.57 | -0.58 | -0.26 | 0.05 | -0.15 | -0.54 | -0.19 | 0.24 | 0.66 | 5.45 | -0.62 | -0.38 | -0.75 |
| | -64.76 | -101.93 | -88.64 | -83.27 | -87.86 | -88.19 | -77.43 | -71.58 | -69.96 | -71.54 | -70.93 | -74.99 | -76.93 | -70.48 | -62.86 | -67.62 | -78.29 | -80.07 | -69.10 | -58.09 | -65.94 | -101.12 | -82.87 | -85.19 |
| AIR_PRODUCTS___DRP | 69.85 | 84.94 | 74.00 | 69.51 | 72.60 | 72.92 | 65.20 | 64.32 | 63.25 | 64.01 | 61.17 | 62.88 | 64.47 | 63.42 | 62.91 | 63.60 | 66.73 | 77.42 | 76.88 | 72.13 | 159.61 | 91.75 | 78.12 | 73.98 |
| 24190 | 0.35 | -0.81 | -0.70 | -0.66 | -0.73 | -0.72 | -0.59 | -0.32 | -0.30 | -0.34 | -0.45 | -0.58 | -0.61 | -0.30 | 0.06 | -0.16 | -0.58 | -0.21 | 0.24 | 0.67 | 5.15 | -0.61 | -0.35 | -0.70 |
| | -63.60 | -100.10 | -87.05 | -81.77 | -86.28 | -86.61 | -76.04 | -70.30 | -68.71 | -70.26 | -69.65 | -73.64 | -75.54 | -69.21 | -61.73 | -66.40 | -77.19 | -80.86 | -72.48 | -59.19 | -67.19 | -103.03 | -84.44 | -86.81 |
| ALBANY___1 | 69.85 | 84.94 | 74.00 | 69.51 | 72.60 | 72.92 | 65.20 | 64.32 | 63.25 | 64.01 | 61.17 | 62.88 | 64.47 | 63.42 | 62.91 | 63.60 | 66.73 | 77.42 | 76.88 | 72.13 | 159.61 | 91.75 | 78.12 | 73.98 |
| 23571 | 0.35 | -0.81 | -0.70 | -0.66 | -0.73 | -0.72 | -0.59 | -0.32 | -0.30 | -0.34 | -0.45 | -0.58 | -0.61 | -0.30 | 0.06 | -0.16 | -0.58 | -0.21 | 0.24 | 0.67 | 5.15 | -0.61 | -0.35 | -0.70 |
| | -63.60 | -100.10 | -87.05 | -81.77 | -86.28 | -86.61 | -76.04 | -70.30 | -68.71 | -70.26 | -69.65 | -73.64 | -75.54 | -69.21 | -61.73 | -66.40 | -77.19 | -80.86 | -72.48 | -59.19 | -67.19 | -103.03 | -84.44 | -86.81 |
| ALBANY___2 | 69.85 | 84.94 | 74.00 | 69.51 | 72.60 | 72.92 | 65.20 | 64.32 | 63.25 | 64.01 | 61.17 | 62.88 | 64.47 | 63.42 | 62.91 | 63.60 | 66.73 | 77.42 | 76.88 | 72.13 | 159.61 | 91.75 | 78.12 | 73.98 |
| 23572 | 0.35 | -0.81 | -0.70 | -0.66 | -0.73 | -0.72 | -0.59 | -0.32 | -0.30 | -0.34 | -0.45 | -0.58 | -0.61 | -0.30 | 0.06 | -0.16 | -0.58 | -0.21 | 0.24 | 0.67 | 5.15 | -0.61 | -0.35 | -0.70 |
| | -63.60 | -100.10 | -87.05 | -81.77 | -86.28 | -86.61 | -76.04 | -70.30 | -68.71 | -70.26 | -69.65 | -73.64 | -75.54 | -69.21 | -61.73 | -66.40 | -77.19 | -80.86 | -72.48 | -59.19 | -67.19 | -103.03 | -84.44 | -86.81 |
| ALBANY___3 | 69.85 | 84.94 | 74.00 | 69.51 | 72.60 | 72.92 | 65.20 | 64.32 | 63.25 | 64.01 | 61.17 | 62.88 | 64.47 | 63.42 | 62.91 | 63.60 | 66.73 | 77.42 | 76.88 | 72.13 | 159.61 | 91.75 | 78.12 | 73.98 |
| 23573 | 0.35 | -0.81 | -0.70 | -0.66 | -0.73 | -0.72 | -0.59 | -0.32 | -0.30 | -0.34 | -0.45 | -0.58 | -0.61 | -0.30 | 0.06 | -0.16 | -0.58 | -0.21 | 0.24 | 0.67 | 5.15 | -0.61 | -0.35 | -0.70 |
| | -63.60 | -100.10 | -87.05 | -81.77 | -86.28 | -86.61 | -76.04 | -70.30 | -68.71 | -70.26 | -69.65 | -73.64 | -75.54 | -69.21 | -61.73 | -66.40 | -77.19 | -80.86 | -72.48 | -59.19 | -67.19 | -103.03 | -84.44 | -86.81 |
| ALBANY___4 | 69.85 | 84.94 | 74.00 | 69.51 | 72.60 | 72.92 | 65.20 | 64.32 | 63.25 | 64.01 | 61.17 | 62.88 | 64.47 | 63.42 | 62.91 | 63.60 | 66.73 | 77.42 | 76.88 | 72.13 | 159.61 | 91.75 | 78.12 | 73.98 |
| 23574 | 0.35 | -0.81 | -0.70 | -0.66 | -0.73 | -0.72 | -0.59 | -0.32 | -0.30 | -0.34 | -0.45 | -0.58 | -0.61 | -0.30 | 0.06 | -0.16 | -0.58 | -0.21 | 0.24 | 0.67 | 5.15 | -0.61 | -0.35 | -0.70 |
| | -63.60 | -100.10 | -87.05 | -81.77 | -86.28 | -86.61 | -76.04 | -70.30 | -68.71 | -70.26 | -69.65 | -73.64 | -75.54 | -69.21 | -61.73 | -66.40 | -77.19 | -80.86 | -72.48 | -59.19 | -67.19 | -103.03 | -84.44 | -86.81 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| ALBANY___LFGE 323615 | 71.33 0.38 -65.05 | 87.15 -0.88 -102.38 | 75.93 -0.76 -89.03 | 71.32 -0.71 -83.63 | 74.51 -0.79 -88.25 | 74.84 -0.78 -88.58 | 66.88 -0.64 -77.77 | 65.89 -0.35 -71.90 | 64.78 -0.33 -70.27 | 65.58 -0.37 -71.86 | 62.72 -0.49 -71.24 | 64.51 -0.63 -75.32 | 66.14 -0.66 -77.26 | 64.97 -0.33 -70.79 | 64.32 0.07 -63.13 | 65.10 -0.17 -67.91 | 68.39 -0.63 -78.90 | 78.81 -0.22 -82.26 | 76.96 0.27 -72.53 | 72.58 0.75 -59.55 | 160.68 5.80 -67.60 | 92.31 -0.68 -103.66 | 78.59 -0.39 -84.96 | 74.43 -0.77 -87.34 |
| ALCOA_RYNLDS___DRP 24188 | 5.82 -0.08 0.00 | -14.10 0.25 0.00 | -12.12 0.23 0.00 | -11.39 0.21 0.00 | -12.70 0.25 0.00 | -12.69 0.27 0.00 | -10.06 0.20 0.00 | -5.56 0.10 0.00 | -5.07 0.08 0.00 | -5.79 0.11 0.00 | -7.86 0.17 0.00 | -9.96 0.22 0.00 | -10.25 0.22 0.00 | -5.38 0.11 0.00 | 1.09 -0.03 0.00 | -2.58 0.07 0.00 | -9.61 0.27 0.00 | -3.14 0.09 0.00 | 4.04 -0.11 0.00 | 11.98 -0.28 0.00 | 85.42 -1.86 0.00 | -10.48 0.19 0.00 | -5.89 0.08 0.00 | -11.92 0.21 0.00 |
| ALCOA___DSASP 323711 | 5.82 -0.08 0.00 | -14.10 0.25 0.00 | -12.12 0.23 0.00 | -11.39 0.21 0.00 | -12.70 0.25 0.00 | -12.69 0.27 0.00 | -10.06 0.20 0.00 | -5.56 0.10 0.00 | -5.07 0.08 0.00 | -5.79 0.11 0.00 | -7.86 0.17 0.00 | -9.96 0.22 0.00 | -10.25 0.22 0.00 | -5.38 0.11 0.00 | 1.09 -0.03 0.00 | -2.58 0.07 0.00 | -9.61 0.27 0.00 | -3.14 0.09 0.00 | 4.04 -0.11 0.00 | 11.98 -0.28 0.00 | 85.42 -1.86 0.00 | -10.48 0.19 0.00 | -5.89 0.08 0.00 | -11.92 0.21 0.00 |
| ALLEGHENY___COGEN 23514 | 17.35 0.28 -11.17 | 2.42 -0.82 -17.59 | 2.24 -0.71 -15.30 | 2.10 -0.67 -14.37 | 1.40 -0.81 -15.16 | 1.43 -0.83 -15.22 | 2.44 -0.67 -13.36 | 6.33 -0.37 -12.36 | 6.59 -0.33 -12.07 | 6.11 -0.33 -12.35 | 3.82 -0.40 -12.24 | 2.33 -0.43 -12.94 | 2.38 -0.43 -13.28 | 6.47 -0.19 -12.15 | 12.00 0.05 -10.83 | 8.88 -0.12 -11.65 | 3.25 -0.49 -13.62 | 15.02 -0.15 -18.41 | 23.50 0.35 -18.99 | 30.48 1.00 -17.22 | 117.31 6.85 -23.19 | 8.45 -0.78 -19.89 | 8.44 -0.38 -14.81 | 2.19 -0.91 -15.22 |
| ALTONA_WT_PWR 323606 | 5.84 -0.06 0.00 | -14.19 0.16 0.00 | -12.16 0.18 0.00 | -11.42 0.17 0.00 | -12.72 0.23 0.00 | -12.75 0.21 0.00 | -10.11 0.16 0.00 | -5.59 0.06 0.00 | -5.10 0.06 0.00 | -5.82 0.09 0.00 | -7.88 0.14 0.00 | -9.96 0.22 0.00 | -10.27 0.19 0.00 | -5.38 0.10 0.00 | 1.09 -0.03 0.00 | -2.57 0.08 0.00 | -9.54 0.33 0.00 | -3.13 0.10 0.00 | 4.01 -0.15 0.00 | 11.76 -0.50 0.00 | 83.96 -3.31 0.00 | -10.41 0.26 0.00 | -5.89 0.09 0.00 | -11.84 0.29 0.00 |
| AMERICAN_REF_FUEL 24010 | 15.53 -0.09 -9.71 | 0.86 -0.08 -15.29 | 0.84 -0.12 -13.29 | 0.79 -0.10 -12.49 | 0.04 -0.19 -13.18 | 0.11 -0.15 -13.23 | 1.19 -0.17 -11.61 | 5.05 -0.05 -10.76 | 5.39 0.02 -10.53 | 4.92 0.06 -10.77 | 2.72 0.07 -10.68 | 1.26 0.15 -11.29 | 1.27 0.16 -11.58 | 5.29 0.18 -10.60 | 10.55 -0.02 -9.45 | 7.56 0.04 -10.17 | 2.17 0.15 -11.89 | 17.56 0.08 -20.71 | 27.80 -0.08 -23.73 | 35.60 -0.20 -23.54 | 119.82 -1.87 -34.41 | 9.15 0.16 -19.66 | 7.04 0.06 -12.95 | 1.04 -0.14 -13.31 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 17.18 0.11 -11.17 | 2.84 -0.40 -17.58 | 2.53 -0.41 -15.29 | 2.45 -0.32 -14.36 | 1.71 -0.50 -15.15 | 1.70 -0.55 -15.21 | 2.65 -0.44 -13.36 | 6.44 -0.25 -12.35 | 6.67 -0.25 -12.08 | 6.09 -0.35 -12.35 | 3.79 -0.42 -12.25 | 2.30 -0.46 -12.95 | 2.22 -0.60 -13.28 | 6.39 -0.28 -12.16 | 12.05 0.10 -10.84 | 8.84 -0.17 -11.66 | 2.96 -0.79 -13.63 | 26.50 -0.23 -29.96 | 41.26 0.39 -36.72 | 51.59 1.00 -38.33 | 151.46 5.82 -58.37 | 14.36 -0.50 -25.53 | 8.65 -0.20 -14.82 | 2.47 -0.64 -15.23 |
| ARTHUR_KILL_GT_1 23520 | 55.36 0.53 -48.93 | 61.58 -1.08 -77.02 | 53.68 -0.95 -66.97 | 50.43 -0.89 -62.91 | 52.45 -0.99 -66.39 | 52.64 -1.03 -66.63 | 47.42 -0.83 -58.51 | 47.97 -0.45 -54.08 | 47.29 -0.41 -52.86 | 47.67 -0.49 -54.06 | 44.89 -0.67 -53.59 | 45.59 -0.89 -56.66 | 46.72 -0.93 -58.12 | 47.25 -0.51 -53.25 | 48.72 0.10 -47.49 | 48.19 -0.25 -51.09 | 49.12 -0.93 -59.92 | 62.04 -0.33 -65.60 | 63.94 0.35 -59.43 | 59.31 1.11 -45.94 | 147.50 8.07 -52.15 | 68.32 -0.98 -79.97 | 58.98 -0.59 -65.54 | 54.17 -1.12 -67.42 |
| ARTHUR_KILL_2 23512 | 55.34 0.51 -48.93 | 61.62 -1.04 -77.02 | 53.72 -0.91 -66.97 | 50.46 -0.86 -62.91 | 52.48 -0.95 -66.39 | 52.68 -0.99 -66.63 | 47.45 -0.80 -58.51 | 47.99 -0.44 -54.08 | 47.31 -0.40 -52.86 | 47.68 -0.47 -54.06 | 44.91 -0.65 -53.59 | 45.62 -0.86 -56.66 | 46.75 -0.90 -58.12 | 47.26 -0.51 -53.25 | 48.72 0.10 -47.49 | 48.20 -0.24 -51.09 | 49.14 -0.91 -59.92 | 62.05 -0.31 -65.60 | 63.93 0.34 -59.43 | 59.28 1.07 -45.94 | 147.24 7.81 -52.15 | 68.36 -0.95 -79.97 | 59.00 -0.57 -65.54 | 54.21 -1.08 -67.42 |
| ARTHUR_KILL_3 23513 | 55.38 0.54 -48.93 | 61.51 -1.16 -77.01 | 53.62 -1.01 -66.97 | 50.36 -0.95 -62.91 | 52.38 -1.05 -66.38 | 52.58 -1.09 -66.63 | 47.37 -0.87 -58.50 | 47.95 -0.48 -54.08 | 47.27 -0.44 -52.86 | 47.62 -0.53 -54.05 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.65 -1.01 -58.12 | 47.20 -0.56 -53.25 | 48.72 0.11 -47.49 | 48.16 -0.27 -51.09 | 49.03 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.36 1.16 -45.94 | 147.99 8.56 -52.15 | 68.26 -1.04 -79.96 | 58.97 -0.59 -65.54 | 54.13 -1.15 -67.41 |
| ARTHUR_KILL_COGEN 323718 | 55.36 0.53 -48.93 | 61.58 -1.08 -77.02 | 53.68 -0.95 -66.97 | 50.43 -0.89 -62.91 | 52.45 -0.99 -66.39 | 52.64 -1.03 -66.63 | 47.42 -0.83 -58.51 | 47.97 -0.45 -54.08 | 47.29 -0.41 -52.86 | 47.67 -0.49 -54.06 | 44.89 -0.67 -53.59 | 45.59 -0.89 -56.66 | 46.72 -0.93 -58.12 | 47.25 -0.51 -53.25 | 48.72 0.10 -47.49 | 48.19 -0.25 -51.09 | 49.12 -0.93 -59.92 | 62.04 -0.33 -65.60 | 63.94 0.35 -59.43 | 59.31 1.11 -45.94 | 147.50 8.07 -52.15 | 68.32 -0.98 -79.97 | 58.98 -0.59 -65.54 | 54.17 -1.12 -67.42 |
| ASHOKAN____ 23654 | 58.37 0.34 -52.13 | 66.94 -0.76 -82.05 | 58.36 -0.65 -71.35 | 54.82 -0.60 -67.02 | 57.09 -0.69 -70.73 | 57.31 -0.71 -70.99 | 51.51 -0.56 -62.33 | 51.65 -0.32 -57.62 | 50.87 -0.29 -56.32 | 51.35 -0.34 -57.59 | 48.60 -0.46 -57.09 | 49.57 -0.62 -60.36 | 50.86 -0.59 -61.92 | 50.92 -0.32 -56.73 | 51.78 0.06 -50.60 | 51.63 -0.16 -54.43 | 53.22 -0.58 -63.67 | 65.44 -0.21 -68.89 | 67.34 0.28 -62.91 | 62.33 0.78 -49.28 | 149.15 5.94 -55.94 | 74.41 -0.70 -85.78 | 63.96 -0.36 -70.30 | 59.43 -0.71 -72.27 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 55.36 0.52 -48.93 | 61.61 -1.06 -77.02 | 53.68 -0.95 -66.97 | 50.43 -0.89 -62.91 | 52.46 -0.97 -66.39 | 52.64 -1.03 -66.63 | 47.42 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.52 -0.96 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.05 -1.00 -59.92 | 62.02 -0.35 -65.60 | 63.95 0.36 -59.43 | 59.33 1.12 -45.94 | 147.55 8.12 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 55.36 0.53 -48.93 | 61.61 -1.06 -77.02 | 53.68 -0.95 -66.97 | 50.43 -0.89 -62.91 | 52.46 -0.97 -66.39 | 52.64 -1.03 -66.63 | 47.42 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.52 -0.96 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.05 -1.00 -59.92 | 62.02 -0.35 -65.60 | 63.95 0.36 -59.43 | 59.33 1.12 -45.94 | 147.55 8.12 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT2_I 24094 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |

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|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ASTORIA_GT2_2 24095 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT2_3 24096 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT2_4 24097 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT3_1 24098 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT3_2 24099 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT3_3 24100 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT3_4 24101 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT4_1 24102 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT4_2 24103 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT4_3 24104 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT4_4 24105 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA_GT_1 23523 | 55.38 0.55 -48.93 | 61.57 -1.10 -77.02 | 53.65 -0.98 -66.97 | 50.40 -0.91 -62.91 | 52.43 -1.01 -66.39 | 52.60 -1.07 -66.63 | 47.40 -0.85 -58.51 | 47.95 -0.48 -54.08 | 47.28 -0.43 -52.86 | 47.63 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.99 -56.66 | 46.61 -1.05 -58.12 | 47.16 -0.60 -53.25 | 48.73 0.12 -47.49 | 48.17 -0.27 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.96 0.37 -59.43 | 59.36 1.16 -45.94 | 147.81 8.38 -52.15 | 68.25 -1.05 -79.97 | 58.93 -0.63 -65.54 | 54.10 -1.19 -67.42 |
| ASTORIA_GT_10 24110 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |
| ASTORIA_GT_11 24225 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |
| ASTORIA_GT_12 24226 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |

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|----------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ASTORIA_GT_13 24227 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |
| ASTORIA_GT_5 24106 | 55.38 0.55 -48.93 | 61.57 -1.10 -77.02 | 53.65 -0.98 -66.97 | 50.40 -0.91 -62.91 | 52.43 -1.01 -66.39 | 52.60 -1.07 -66.63 | 47.40 -0.85 -58.51 | 47.95 -0.48 -54.08 | 47.28 -0.43 -52.86 | 47.63 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.99 -56.66 | 46.61 -1.05 -58.12 | 47.16 -0.60 -53.25 | 48.73 0.12 -47.49 | 48.17 -0.27 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.96 0.37 -59.43 | 59.36 1.16 -45.94 | 147.81 8.38 -52.15 | 68.25 -1.05 -79.97 | 58.93 -0.63 -65.54 | 54.10 -1.19 -67.42 |
| ASTORIA_GT_7 24107 | 55.38 0.55 -48.93 | 61.57 -1.10 -77.02 | 53.65 -0.98 -66.97 | 50.40 -0.91 -62.91 | 52.43 -1.01 -66.39 | 52.60 -1.07 -66.63 | 47.40 -0.85 -58.51 | 47.95 -0.48 -54.08 | 47.28 -0.43 -52.86 | 47.63 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.99 -56.66 | 46.61 -1.05 -58.12 | 47.16 -0.60 -53.25 | 48.73 0.12 -47.49 | 48.17 -0.27 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.96 0.37 -59.43 | 59.36 1.16 -45.94 | 147.81 8.38 -52.15 | 68.25 -1.05 -79.97 | 58.93 -0.63 -65.54 | 54.10 -1.19 -67.42 |
| ASTORIA_GT_8 24108 | 55.38 0.55 -48.93 | 61.57 -1.10 -77.02 | 53.65 -0.98 -66.97 | 50.40 -0.91 -62.91 | 52.43 -1.01 -66.39 | 52.60 -1.07 -66.63 | 47.40 -0.85 -58.51 | 47.95 -0.48 -54.08 | 47.28 -0.43 -52.86 | 47.63 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.99 -56.66 | 46.61 -1.05 -58.12 | 47.16 -0.60 -53.25 | 48.73 0.12 -47.49 | 48.17 -0.27 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.96 0.37 -59.43 | 59.36 1.16 -45.94 | 147.81 8.38 -52.15 | 68.25 -1.05 -79.97 | 58.93 -0.63 -65.54 | 54.10 -1.19 -67.42 |
| ASTORIA___2 24149 | 55.37 0.53 -48.93 | 61.60 -1.07 -77.02 | 53.68 -0.95 -66.97 | 50.42 -0.89 -62.91 | 52.46 -0.98 -66.39 | 52.63 -1.04 -66.63 | 47.41 -0.83 -58.51 | 47.97 -0.46 -54.08 | 47.29 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.62 -65.54 | 54.13 -1.16 -67.42 |
| ASTORIA___3 23516 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |
| ASTORIA___4 23517 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |
| ASTORIA___5 23518 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |
| AST_ENERGY_2_CC3 323677 | 55.38 0.55 -48.93 | 61.49 -1.17 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.05 | 44.82 -0.74 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.16 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.34 1.14 -45.94 | 147.81 8.39 -52.15 | 68.28 -1.01 -79.96 | 58.97 -0.59 -65.54 | 54.14 -1.15 -67.41 |
| AST_ENERGY_2_CC4 323678 | 55.38 0.55 -48.93 | 61.49 -1.17 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.05 | 44.82 -0.74 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.16 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.34 1.14 -45.94 | 147.81 8.39 -52.15 | 68.28 -1.01 -79.96 | 58.97 -0.59 -65.54 | 54.14 -1.15 -67.41 |
| ATHENS_STG_1 23668 | 61.10 0.28 -54.92 | 71.40 -0.69 -86.44 | 62.21 -0.61 -75.17 | 58.44 -0.57 -70.61 | 60.92 -0.64 -74.51 | 61.17 -0.65 -74.79 | 54.90 -0.51 -65.67 | 54.77 -0.27 -60.71 | 53.92 -0.25 -59.33 | 54.47 -0.30 -60.67 | 51.70 -0.41 -60.15 | 52.88 -0.54 -63.59 | 54.22 -0.55 -65.23 | 53.98 -0.30 -59.77 | 54.49 0.06 -53.30 | 54.55 -0.14 -57.34 | 56.69 -0.52 -67.09 | 69.54 -0.18 -72.95 | 73.52 0.22 -69.15 | 67.02 0.59 -54.17 | 153.03 4.27 -61.49 | 83.09 -0.52 -94.28 | 71.00 -0.30 -77.27 | 66.72 -0.59 -79.44 |
| ATHENS_STG_2 23670 | 61.10 0.28 -54.92 | 71.40 -0.69 -86.44 | 62.21 -0.61 -75.17 | 58.44 -0.57 -70.61 | 60.92 -0.64 -74.51 | 61.17 -0.65 -74.79 | 54.90 -0.51 -65.67 | 54.77 -0.27 -60.71 | 53.92 -0.25 -59.33 | 54.47 -0.30 -60.67 | 51.70 -0.41 -60.15 | 52.88 -0.54 -63.59 | 54.22 -0.55 -65.23 | 53.98 -0.30 -59.77 | 54.49 0.06 -53.30 | 54.55 -0.14 -57.34 | 56.69 -0.52 -67.09 | 69.54 -0.18 -72.95 | 73.52 0.22 -69.15 | 67.02 0.59 -54.17 | 153.03 4.27 -61.49 | 83.09 -0.52 -94.28 | 71.00 -0.30 -77.27 | 66.72 -0.59 -79.44 |
| ATHENS_STG_3 23677 | 61.10 0.28 -54.92 | 71.40 -0.69 -86.44 | 62.21 -0.61 -75.17 | 58.44 -0.57 -70.61 | 60.92 -0.64 -74.51 | 61.17 -0.65 -74.79 | 54.90 -0.51 -65.67 | 54.77 -0.27 -60.71 | 53.92 -0.25 -59.33 | 54.47 -0.30 -60.67 | 51.70 -0.41 -60.15 | 52.88 -0.54 -63.59 | 54.22 -0.55 -65.23 | 53.98 -0.30 -59.77 | 54.49 0.06 -53.30 | 54.55 -0.14 -57.34 | 56.69 -0.52 -67.09 | 69.54 -0.18 -72.95 | 73.52 0.22 -69.15 | 67.02 0.59 -54.17 | 153.03 4.27 -61.49 | 83.09 -0.52 -94.28 | 71.00 -0.30 -77.27 | 66.72 -0.59 -79.44 |
| AUBURN___LFGE 323710 | 14.30 0.14 -8.25 | -1.75 -0.39 -12.99 | -1.36 -0.31 -11.30 | -1.30 -0.31 -10.61 | -2.14 -0.39 -11.20 | -2.13 -0.40 -11.24 | -0.70 -0.31 -9.87 | 3.30 -0.17 -9.12 | 3.63 -0.13 -8.92 | 3.03 -0.18 -9.12 | 0.81 -0.20 -9.04 | -0.86 -0.24 -9.56 | -0.90 -0.24 -9.80 | 3.37 -0.13 -8.98 | 9.15 0.02 -8.01 | 5.91 -0.07 -8.62 | -0.05 -0.25 -10.08 | 7.52 -0.09 -10.85 | 14.21 0.17 -9.89 | 20.50 0.49 -7.75 | 98.71 2.64 -8.79 | 2.48 -0.33 -13.48 | 4.90 -0.17 -11.05 | -1.12 -0.35 -11.36 |
| BABYLON_RES_REC 323704 | 55.56 0.72 -48.94 | 61.21 -1.48 -77.03 | 53.32 -1.32 -66.98 | 50.06 -1.26 -62.92 | 52.08 -1.37 -66.40 | 52.33 -1.35 -66.64 | 47.13 -1.13 -58.51 | 47.88 -0.56 -54.09 | 47.25 -0.46 -52.87 | 47.60 -0.56 -54.07 | 44.75 -0.82 -53.60 | 45.36 -1.12 -56.67 | 46.56 -1.10 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 48.98 -1.08 -59.93 | 62.01 -0.36 -65.61 | 64.12 0.51 -59.45 | 59.57 1.36 -45.95 | 149.36 9.92 -52.16 | 68.13 -1.19 -79.99 | 58.89 -0.68 -65.56 | 53.91 -1.40 -67.43 |

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|---------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| BARRETT_IC_1 23704 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_10 23701 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_11 23702 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_12 23703 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_2 23705 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_3 23706 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_4 23707 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_5 23708 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_6 23709 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_7 23710 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_8 23711 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT_IC_9 23700 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT___1 23545 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BARRETT___2 23546 | 55.48 0.64 -48.94 | 61.36 -1.32 -77.03 | 53.47 -1.17 -66.98 | 50.21 -1.11 -62.92 | 52.23 -1.22 -66.40 | 52.48 -1.20 -66.64 | 47.28 -0.98 -58.51 | 47.95 -0.49 -54.09 | 47.29 -0.42 -52.87 | 47.65 -0.52 -54.07 | 44.79 -0.78 -53.60 | 45.39 -1.10 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.04 -1.02 -59.93 | 62.04 -0.34 -65.61 | 64.07 0.47 -59.45 | 59.46 1.24 -45.95 | 148.45 9.01 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.07 -1.23 -67.43 |
| BAYONEEC___CTG1 323682 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |

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|-----------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| BAYONEEC___CTG10 323750 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BAYONEEC___CTG2 323683 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BAYONEEC___CTG3 323684 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BAYONEEC___CTG4 323685 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BAYONEEC___CTG5 323686 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BAYONEEC___CTG6 323687 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BAYONEEC___CTG7 323688 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BAYONEEC___CTG8 323689 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BAYONEEC___CTG9 323749 | 55.38 0.55 -48.93 | 61.49 -1.18 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.81 -0.75 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.17 -45.94 | 148.07 8.65 -52.15 | 68.25 -1.05 -79.96 | 58.96 -0.60 -65.54 | 54.12 -1.17 -67.41 |
| BEACON___LESR 323632 | 69.94 0.35 -63.69 | 84.83 -1.07 -100.24 | 73.95 -0.87 -87.17 | 69.47 -0.81 -81.88 | 72.56 -0.90 -86.41 | 72.87 -0.89 -86.73 | 65.16 -0.73 -76.15 | 64.33 -0.41 -70.39 | 63.27 -0.38 -68.80 | 64.02 -0.43 -70.36 | 61.16 -0.56 -69.75 | 62.82 -0.74 -73.74 | 64.38 -0.80 -75.65 | 63.45 -0.37 -69.31 | 63.02 0.08 -61.81 | 63.64 -0.21 -66.50 | 66.62 -0.78 -77.26 | 77.25 -0.27 -80.76 | 76.64 0.36 -72.12 | 72.15 0.83 -59.06 | 160.79 6.47 -67.04 | 91.37 -0.76 -102.80 | 77.86 -0.42 -84.25 | 73.65 -0.84 -86.61 |
| BEAVER RIVER___HYD 24048 | 7.67 -0.08 -1.84 | -11.19 0.26 -2.90 | -9.56 0.26 -2.52 | -9.00 0.22 -2.37 | -10.19 0.26 -2.50 | -10.15 0.30 -2.51 | -7.79 0.26 -2.20 | -3.49 0.13 -2.04 | -3.04 0.12 -1.99 | -3.69 0.18 -2.02 | -5.76 0.25 -2.14 | -7.70 0.35 -2.19 | -7.93 0.35 -2.19 | -3.30 0.19 -2.01 | 2.87 -0.04 -1.79 | -0.63 0.09 -1.93 | -7.32 0.31 -2.25 | -0.64 0.09 -2.51 | 7.17 -0.05 -3.06 | 14.53 -0.14 -2.40 | 88.94 -1.07 -2.72 | -6.28 0.21 -4.18 | -2.39 0.16 -3.42 | -8.27 0.33 -3.52 |
| BEEBEE_GT_13 23619 | 13.67 0.00 -7.76 | -2.32 -0.19 -12.22 | -1.90 -0.18 -10.62 | -1.78 -0.17 -9.98 | -2.64 -0.23 -10.53 | -2.62 -0.23 -10.57 | -1.19 -0.21 -9.28 | 2.83 -0.10 -8.58 | 3.15 -0.08 -8.39 | 2.60 -0.07 -8.58 | 0.37 -0.10 -8.50 | -1.28 -0.09 -8.99 | -1.34 -0.09 -9.22 | 2.94 -0.02 -8.45 | 8.66 0.01 -7.53 | 5.42 -0.03 -8.10 | -0.50 -0.10 -9.47 | 6.94 -0.01 -10.20 | 13.49 0.05 -9.28 | 19.72 0.19 -7.27 | 96.55 1.02 -8.25 | 1.84 -0.15 -12.66 | 4.31 -0.08 -10.37 | -1.73 -0.27 -10.66 |
| BETHLEHEM___GRP 23843 | 69.85 0.35 -63.60 | 84.94 -0.81 -100.10 | 74.00 -0.70 -87.05 | 69.51 -0.66 -81.77 | 72.60 -0.73 -86.28 | 72.92 -0.72 -86.61 | 65.20 -0.59 -76.04 | 64.32 -0.32 -70.30 | 63.25 -0.30 -68.71 | 64.01 -0.34 -70.26 | 61.17 -0.45 -69.65 | 62.88 -0.58 -73.64 | 64.47 -0.61 -75.54 | 63.42 -0.30 -69.21 | 62.91 0.06 -61.73 | 63.60 -0.16 -66.40 | 66.73 -0.58 -77.19 | 77.42 -0.21 -80.86 | 76.88 0.24 -72.48 | 72.13 0.67 -59.19 | 159.61 5.15 -67.19 | 91.75 -0.61 -103.03 | 78.12 -0.35 -84.44 | 73.98 -0.70 -86.81 |
| BETHLEHEM___GS1 323560 | 69.85 0.35 -63.60 | 84.94 -0.81 -100.10 | 74.00 -0.70 -87.05 | 69.51 -0.66 -81.77 | 72.60 -0.73 -86.28 | 72.92 -0.72 -86.61 | 65.20 -0.59 -76.04 | 64.32 -0.32 -70.30 | 63.25 -0.30 -68.71 | 64.01 -0.34 -70.26 | 61.17 -0.45 -69.65 | 62.88 -0.58 -73.64 | 64.47 -0.61 -75.54 | 63.42 -0.30 -69.21 | 62.91 0.06 -61.73 | 63.60 -0.16 -66.40 | 66.73 -0.58 -77.19 | 77.42 -0.21 -80.86 | 76.88 0.24 -72.48 | 72.13 0.67 -59.19 | 159.61 5.15 -67.19 | 91.75 -0.61 -103.03 | 78.12 -0.35 -84.44 | 73.98 -0.70 -86.81 |
| BETHLEHEM___GS2 323561 | 69.85 0.35 -63.60 | 84.94 -0.81 -100.10 | 74.00 -0.70 -87.05 | 69.51 -0.66 -81.77 | 72.60 -0.73 -86.28 | 72.92 -0.72 -86.61 | 65.20 -0.59 -76.04 | 64.32 -0.32 -70.30 | 63.25 -0.30 -68.71 | 64.01 -0.34 -70.26 | 61.17 -0.45 -69.65 | 62.88 -0.58 -73.64 | 64.47 -0.61 -75.54 | 63.42 -0.30 -69.21 | 62.91 0.06 -61.73 | 63.60 -0.16 -66.40 | 66.73 -0.58 -77.19 | 77.42 -0.21 -80.86 | 76.88 0.24 -72.48 | 72.13 0.67 -59.19 | 159.61 5.15 -67.19 | 91.75 -0.61 -103.03 | 78.12 -0.35 -84.44 | 73.98 -0.70 -86.81 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| BETHLEHEM___GS3 323562 | 69.85 0.35 -63.60 | 84.94 -0.81 -100.10 | 74.00 -0.70 -87.05 | 69.51 -0.66 -81.77 | 72.60 -0.73 -86.28 | 72.92 -0.72 -86.61 | 65.20 -0.59 -76.04 | 64.32 -0.32 -70.30 | 63.25 -0.30 -68.71 | 64.01 -0.34 -70.26 | 61.17 -0.45 -69.65 | 62.88 -0.58 -73.64 | 64.47 -0.61 -75.54 | 63.42 -0.30 -69.21 | 62.91 0.06 -61.73 | 63.60 -0.16 -66.40 | 66.73 -0.58 -77.19 | 77.42 -0.21 -80.86 | 76.88 0.24 -72.48 | 72.13 0.67 -59.19 | 159.61 5.15 -67.19 | 91.75 -0.61 -103.03 | 78.12 -0.35 -84.44 | 73.98 -0.70 -86.81 |
| BETHLEHEM___STEEL 23779 | 16.33 0.06 -10.37 | 1.54 -0.45 -16.33 | 1.44 -0.41 -14.20 | 1.36 -0.38 -13.34 | 0.62 -0.51 -14.08 | 0.67 -0.50 -14.13 | 1.73 -0.42 -12.41 | 5.61 -0.21 -11.48 | 5.89 -0.18 -11.23 | 5.37 -0.20 -11.48 | 3.08 -0.27 -11.38 | 1.56 -0.29 -12.03 | 1.58 -0.30 -12.34 | 5.71 -0.10 -11.30 | 11.23 0.04 -10.07 | 8.11 -0.08 -10.83 | 2.46 -0.34 -12.67 | 31.30 -0.07 -34.61 | 48.84 0.16 -44.53 | 60.72 0.45 -48.01 | 164.70 2.53 -74.89 | 16.05 -0.33 -27.04 | 7.63 -0.18 -13.79 | 1.46 -0.58 -14.17 |
| BETHPAGE_CC_5 323564 | 55.55 0.70 -48.94 | 61.22 -1.46 -77.03 | 53.34 -1.30 -66.98 | 50.09 -1.24 -62.92 | 52.10 -1.35 -66.40 | 52.35 -1.33 -66.64 | 47.15 -1.11 -58.51 | 47.88 -0.56 -54.09 | 47.25 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.73 -0.83 -53.60 | 45.34 -1.15 -56.67 | 46.54 -1.13 -58.13 | 47.15 -0.62 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.30 -51.10 | 48.96 -1.10 -59.93 | 62.01 -0.36 -65.61 | 64.11 0.50 -59.45 | 59.56 1.35 -45.95 | 149.25 9.81 -52.16 | 68.14 -1.17 -79.99 | 58.91 -0.66 -65.56 | 53.92 -1.38 -67.43 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 16.47 0.07 -10.49 | 1.69 -0.47 -16.51 | 1.58 -0.44 -14.36 | 1.48 -0.41 -13.49 | 0.74 -0.54 -14.23 | 0.79 -0.53 -14.28 | 1.84 -0.44 -12.54 | 5.72 -0.22 -11.61 | 6.00 -0.19 -11.35 | 5.49 -0.22 -11.61 | 3.18 -0.30 -11.51 | 1.66 -0.32 -12.16 | 1.68 -0.33 -12.48 | 5.81 -0.12 -11.43 | 11.34 0.04 -10.18 | 8.21 -0.09 -10.96 | 2.55 -0.38 -12.81 | 30.68 -0.09 -34.01 | 47.85 0.18 -43.51 | 59.51 0.50 -46.74 | 162.92 2.93 -72.72 | 15.82 -0.38 -26.86 | 7.76 -0.20 -13.94 | 1.57 -0.63 -14.33 |
| BINGHAMTON___COGEN 23790 | 27.23 0.21 -21.12 | 18.37 -0.52 -33.24 | 16.12 -0.44 -28.90 | 15.13 -0.42 -27.15 | 15.19 -0.51 -28.65 | 15.27 -0.52 -28.75 | 14.61 -0.38 -25.25 | 17.47 -0.21 -23.34 | 17.46 -0.19 -22.81 | 17.18 -0.24 -23.33 | 14.76 -0.34 -23.13 | 13.84 -0.43 -24.45 | 14.18 -0.43 -25.08 | 17.28 -0.22 -22.98 | 21.68 0.06 -20.50 | 19.30 -0.10 -22.05 | 15.45 -0.47 -25.80 | 24.47 -0.15 -27.86 | 29.19 0.25 -24.78 | 32.31 0.63 -19.41 | 113.34 4.03 -22.04 | 22.69 -0.44 -33.79 | 21.51 -0.21 -27.70 | 15.82 -0.52 -28.47 |
| BLACK RIVER___HYD 24047 | 8.75 -0.11 -2.96 | -9.34 0.35 -4.66 | -7.96 0.33 -4.06 | -7.48 0.31 -3.81 | -8.57 0.36 -4.02 | -8.54 0.38 -4.04 | -6.35 0.37 -3.54 | -2.20 0.18 -3.28 | -1.78 0.18 -3.20 | -2.39 0.24 -3.27 | -4.47 0.32 -3.25 | -6.30 0.45 -3.43 | -6.51 0.43 -3.52 | -2.04 0.22 -3.23 | 3.95 -0.05 -2.88 | 0.56 0.11 -3.09 | -5.90 0.36 -3.61 | 0.83 0.11 -3.95 | 8.28 -0.04 -4.16 | 15.36 -0.16 -3.26 | 89.55 -1.43 -3.70 | -4.70 0.29 -5.68 | -1.09 0.23 -4.66 | -6.89 0.46 -4.78 |
| BLISS_WT_PWR 323608 | 17.56 0.14 -11.51 | 3.22 -0.56 -18.12 | 2.86 -0.56 -15.76 | 2.68 -0.53 -14.80 | 1.93 -0.74 -15.62 | 1.96 -0.76 -15.68 | 2.94 -0.57 -13.77 | 6.79 -0.28 -12.73 | 7.02 -0.28 -12.45 | 6.47 -0.36 -12.73 | 4.11 -0.49 -12.62 | 2.57 -0.59 -13.35 | 2.63 -0.59 -13.69 | 6.67 -0.38 -12.54 | 12.39 0.10 -11.18 | 9.17 -0.20 -12.02 | 3.41 -0.77 -14.05 | 26.49 -0.21 -29.93 | 40.91 0.37 -36.38 | 50.98 0.94 -37.77 | 150.61 6.07 -57.27 | 14.49 -0.69 -25.85 | 8.90 -0.40 -15.27 | 2.66 -0.92 -15.70 |
| BLUE_CIRC_CHEM_DRP 24182 | 68.19 0.29 -61.99 | 82.52 -0.71 -97.57 | 71.88 -0.62 -84.85 | 67.52 -0.59 -79.71 | 70.50 -0.66 -84.11 | 70.80 -0.66 -84.42 | 63.34 -0.52 -74.12 | 62.58 -0.28 -68.52 | 61.55 -0.26 -66.97 | 62.28 -0.30 -68.49 | 59.45 -0.42 -67.89 | 61.08 -0.53 -71.79 | 62.62 -0.55 -73.63 | 61.68 -0.29 -67.46 | 61.35 0.06 -60.17 | 61.94 -0.14 -64.73 | 65.00 -0.53 -75.41 | 76.70 -0.19 -80.12 | 78.31 0.22 -73.93 | 72.29 0.60 -59.42 | 159.05 4.31 -67.46 | 92.23 -0.54 -103.43 | 78.50 -0.29 -84.78 | 74.42 -0.60 -87.15 |
| BOC_GAS_DRP 24189 | 68.18 0.29 -61.99 | 82.54 -0.69 -97.57 | 71.91 -0.60 -84.85 | 67.54 -0.56 -79.71 | 70.54 -0.62 -84.11 | 70.82 -0.63 -84.42 | 63.37 -0.50 -74.12 | 62.60 -0.27 -68.52 | 61.56 -0.25 -66.97 | 62.29 -0.29 -68.49 | 59.47 -0.40 -67.89 | 61.09 -0.51 -71.79 | 62.64 -0.53 -73.63 | 61.70 -0.28 -67.46 | 61.35 0.06 -60.17 | 61.94 -0.14 -64.73 | 65.03 -0.51 -75.41 | 76.71 -0.18 -80.12 | 78.29 0.20 -73.93 | 72.26 0.57 -59.42 | 158.87 4.14 -67.46 | 92.26 -0.51 -103.43 | 78.51 -0.28 -84.78 | 74.44 -0.57 -87.15 |
| BORALEX_4TH_BRANCH 23824 | 71.03 0.37 -64.76 | 86.67 -0.91 -101.93 | 75.54 -0.76 -88.64 | 70.97 -0.70 -83.27 | 74.14 -0.78 -87.86 | 74.51 -0.72 -88.19 | 66.57 -0.60 -77.43 | 65.60 -0.33 -71.58 | 64.50 -0.31 -69.96 | 65.30 -0.34 -71.54 | 62.44 -0.46 -70.93 | 64.24 -0.57 -74.99 | 65.87 -0.58 -76.93 | 64.72 -0.26 -70.48 | 64.03 0.05 -62.86 | 64.82 -0.15 -67.62 | 67.87 -0.54 -78.29 | 76.64 -0.19 -80.07 | 73.50 0.24 -69.10 | 71.02 0.66 -58.09 | 158.68 5.45 -65.94 | 89.83 -0.62 -101.12 | 76.52 -0.38 -82.87 | 72.32 -0.75 -85.19 |
| BOWLINE___1 23526 | 54.24 0.48 -47.85 | 59.92 -1.05 -75.32 | 52.23 -0.93 -65.50 | 49.06 -0.87 -61.53 | 51.00 -0.97 -64.92 | 51.20 -1.01 -65.17 | 46.15 -0.81 -57.22 | 46.79 -0.44 -52.89 | 46.15 -0.39 -51.70 | 46.49 -0.47 -52.87 | 43.72 -0.66 -52.41 | 44.38 -0.85 -55.42 | 45.49 -0.88 -56.84 | 46.08 -0.51 -52.08 | 47.67 0.10 -46.45 | 47.06 -0.26 -49.97 | 47.78 -0.95 -58.59 | 60.51 -0.33 -64.07 | 62.22 0.37 -57.69 | 57.97 1.08 -44.63 | 145.76 7.83 -50.66 | 66.07 -0.94 -77.67 | 57.15 -0.53 -63.66 | 52.23 -1.06 -65.41 |
| BOWLINE___2 23595 | 54.24 0.48 -47.86 | 59.92 -1.05 -75.32 | 52.23 -0.93 -65.50 | 49.06 -0.87 -61.53 | 51.01 -0.97 -64.93 | 51.20 -1.01 -65.17 | 46.15 -0.81 -57.22 | 46.80 -0.44 -52.90 | 46.15 -0.39 -51.70 | 46.50 -0.47 -52.87 | 43.72 -0.66 -52.41 | 44.38 -0.85 -55.42 | 45.50 -0.88 -56.85 | 46.08 -0.51 -52.08 | 47.68 0.10 -46.45 | 47.07 -0.26 -49.97 | 47.78 -0.95 -58.60 | 60.51 -0.33 -64.07 | 62.22 0.37 -57.69 | 57.98 1.08 -44.63 | 145.76 7.83 -50.66 | 66.08 -0.94 -77.68 | 57.15 -0.54 -63.67 | 52.24 -1.06 -65.42 |
| BRANSCOMB___SOLAR 323811 | 74.00 0.37 -67.73 | 91.38 -0.87 -106.60 | 79.64 -0.72 -92.70 | 74.82 -0.66 -87.08 | 78.20 -0.74 -91.89 | 78.55 -0.72 -92.23 | 70.11 -0.61 -80.98 | 68.86 -0.34 -74.87 | 67.69 -0.33 -73.17 | 68.57 -0.35 -74.82 | 65.68 -0.46 -74.18 | 67.68 -0.56 -78.43 | 69.41 -0.58 -80.45 | 67.96 -0.25 -73.71 | 66.91 0.05 -65.74 | 67.93 -0.14 -70.72 | 71.69 -0.55 -82.11 | 81.71 -0.20 -85.15 | 77.34 0.31 -72.87 | 73.36 0.86 -60.23 | 162.59 6.94 -68.37 | 93.39 -0.78 -104.84 | 79.52 -0.43 -85.93 | 75.37 -0.84 -88.33 |
| BROOKHAVEN___DRP 24191 | 55.54 0.70 -48.94 | 61.31 -1.37 -77.03 | 53.43 -1.21 -66.98 | 50.13 -1.20 -62.92 | 52.15 -1.30 -66.40 | 52.40 -1.28 -66.64 | 47.16 -1.09 -58.51 | 47.94 -0.50 -54.09 | 47.31 -0.40 -52.87 | 47.67 -0.49 -54.07 | 44.85 -0.72 -53.60 | 45.49 -1.00 -56.67 | 46.71 -0.96 -58.13 | 47.25 -0.52 -53.26 | 48.73 0.11 -47.50 | 48.19 -0.26 -51.10 | 49.10 -0.96 -59.93 | 62.05 -0.32 -65.61 | 64.08 0.48 -59.45 | 59.45 1.24 -45.95 | 148.43 8.99 -52.16 | 68.23 -1.08 -79.99 | 58.95 -0.63 -65.56 | 54.01 -1.29 -67.43 |
| BROOKLYN_NAVY_YARD 23515 | 55.38 0.55 -48.93 | 61.47 -1.20 -77.01 | 53.59 -1.04 -66.97 | 50.33 -0.98 -62.91 | 52.35 -1.09 -66.38 | 52.55 -1.12 -66.63 | 47.33 -0.91 -58.50 | 47.92 -0.50 -54.08 | 47.25 -0.46 -52.86 | 47.60 -0.55 -54.05 | 44.80 -0.76 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.03 -58.12 | 47.18 -0.57 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.37 1.17 -45.94 | 148.06 8.63 -52.15 | 68.25 -1.05 -79.96 | 58.95 -0.60 -65.54 | 54.08 -1.21 -67.41 |

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|----------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| BROOKLYN___ARMY_DRP 323595 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| BROOME_2_LFGE 323671 | 27.23 0.21 -21.12 | 18.37 -0.52 -33.24 | 16.12 -0.44 -28.90 | 15.13 -0.42 -27.15 | 15.19 -0.51 -28.65 | 15.27 -0.52 -28.75 | 14.61 -0.38 -25.25 | 17.47 -0.21 -23.34 | 17.46 -0.19 -22.81 | 17.18 -0.24 -23.33 | 14.76 -0.34 -23.13 | 13.84 -0.43 -24.45 | 14.18 -0.43 -25.08 | 17.28 -0.22 -22.98 | 21.68 0.06 -20.50 | 19.30 -0.10 -22.05 | 15.45 -0.47 -25.80 | 24.47 -0.15 -27.86 | 29.19 0.25 -24.78 | 32.31 0.63 -19.41 | 113.34 4.03 -22.04 | 22.69 -0.44 -33.79 | 21.51 -0.21 -27.70 | 15.82 -0.52 -28.47 |
| BROOME___LFGE 323600 | 27.23 0.21 -21.12 | 18.37 -0.52 -33.24 | 16.12 -0.44 -28.90 | 15.13 -0.42 -27.15 | 15.19 -0.51 -28.65 | 15.27 -0.52 -28.75 | 14.61 -0.38 -25.25 | 17.47 -0.21 -23.34 | 17.46 -0.19 -22.81 | 17.18 -0.24 -23.33 | 14.76 -0.34 -23.13 | 13.84 -0.43 -24.45 | 14.18 -0.43 -25.08 | 17.28 -0.22 -22.98 | 21.68 0.06 -20.50 | 19.30 -0.10 -22.05 | 15.45 -0.47 -25.80 | 24.47 -0.15 -27.86 | 29.19 0.25 -24.78 | 32.31 0.63 -19.41 | 113.34 4.03 -22.04 | 22.69 -0.44 -33.79 | 21.51 -0.21 -27.70 | 15.82 -0.52 -28.47 |
| BURROWS___LYONSDAL 23803 | 7.27 0.00 -1.37 | -12.15 0.05 -2.15 | -10.42 0.05 -1.87 | -9.79 0.05 -1.76 | -11.04 0.05 -1.86 | -11.03 0.07 -1.86 | -8.56 0.07 -1.64 | -4.12 0.03 -1.51 | -3.65 0.03 -1.48 | -4.34 0.05 -1.51 | -6.46 0.07 -1.50 | -8.48 0.12 -1.58 | -8.72 0.12 -1.62 | -3.94 0.07 -1.49 | 2.43 -0.02 -1.33 | -1.19 0.03 -1.43 | -8.11 0.10 -1.66 | -1.30 0.03 -1.91 | 6.99 0.02 -2.82 | 14.52 0.05 -2.21 | 90.10 0.31 -2.51 | -6.80 0.02 -3.85 | -2.78 0.05 -3.15 | -8.79 0.09 -3.24 |
| CAITHNESS_CC_1 323624 | 55.55 0.70 -48.94 | 61.29 -1.39 -77.03 | 53.41 -1.23 -66.98 | 50.12 -1.21 -62.92 | 52.14 -1.31 -66.40 | 52.40 -1.28 -66.64 | 47.16 -1.10 -58.51 | 47.93 -0.51 -54.09 | 47.30 -0.42 -52.87 | 47.66 -0.50 -54.07 | 44.83 -0.74 -53.60 | 45.47 -1.02 -56.67 | 46.68 -0.98 -58.13 | 47.23 -0.54 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.08 -0.98 -59.93 | 62.04 -0.33 -65.61 | 64.09 0.49 -59.45 | 59.46 1.24 -45.95 | 148.45 9.02 -52.16 | 68.22 -1.10 -79.99 | 58.94 -0.63 -65.56 | 54.00 -1.31 -67.43 |
| CALPINE BETH_PAGE_GT4 24209 | 55.55 0.71 -48.94 | 61.22 -1.46 -77.03 | 53.35 -1.29 -66.98 | 50.09 -1.23 -62.92 | 52.10 -1.35 -66.40 | 52.35 -1.33 -66.64 | 47.15 -1.10 -58.51 | 47.88 -0.56 -54.09 | 47.25 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.73 -0.84 -53.60 | 45.34 -1.15 -56.67 | 46.53 -1.13 -58.13 | 47.15 -0.62 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.30 -51.10 | 48.95 -1.10 -59.93 | 62.02 -0.36 -65.61 | 64.10 0.50 -59.45 | 59.54 1.32 -45.95 | 149.10 9.66 -52.16 | 68.16 -1.16 -79.99 | 58.92 -0.66 -65.56 | 53.92 -1.38 -67.43 |
| CALPINE_BETH_PAGE_GT_4 323586 | 55.55 0.71 -48.94 | 61.22 -1.46 -77.03 | 53.35 -1.29 -66.98 | 50.09 -1.23 -62.92 | 52.10 -1.35 -66.40 | 52.35 -1.33 -66.64 | 47.15 -1.10 -58.51 | 47.88 -0.56 -54.09 | 47.25 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.73 -0.84 -53.60 | 45.34 -1.15 -56.67 | 46.53 -1.13 -58.13 | 47.15 -0.62 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.30 -51.10 | 48.95 -1.10 -59.93 | 62.02 -0.36 -65.61 | 64.10 0.50 -59.45 | 59.54 1.32 -45.95 | 149.10 9.66 -52.16 | 68.16 -1.16 -79.99 | 58.92 -0.66 -65.56 | 53.92 -1.38 -67.43 |
| CALPINE_BP_GT1 23823 | 55.55 0.71 -48.94 | 61.22 -1.46 -77.03 | 53.35 -1.29 -66.98 | 50.09 -1.23 -62.92 | 52.10 -1.35 -66.40 | 52.35 -1.33 -66.64 | 47.15 -1.10 -58.51 | 47.88 -0.56 -54.09 | 47.25 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.73 -0.84 -53.60 | 45.34 -1.15 -56.67 | 46.53 -1.13 -58.13 | 47.15 -0.62 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.30 -51.10 | 48.95 -1.10 -59.93 | 62.02 -0.36 -65.61 | 64.10 0.50 -59.45 | 59.54 1.32 -45.95 | 149.10 9.66 -52.16 | 68.16 -1.16 -79.99 | 58.92 -0.66 -65.56 | 53.92 -1.38 -67.43 |
| CALSPAN___DRP 24200 | 16.33 0.06 -10.37 | 1.54 -0.45 -16.33 | 1.44 -0.41 -14.20 | 1.36 -0.38 -13.34 | 0.62 -0.51 -14.08 | 0.67 -0.50 -14.13 | 1.73 -0.42 -12.41 | 5.61 -0.21 -11.48 | 5.89 -0.18 -11.23 | 5.37 -0.20 -11.48 | 3.08 -0.27 -11.38 | 1.56 -0.29 -12.03 | 1.58 -0.30 -12.34 | 5.71 -0.10 -11.30 | 11.23 0.04 -10.07 | 8.11 -0.08 -10.83 | 2.46 -0.34 -12.67 | 31.30 -0.07 -34.61 | 48.84 0.16 -44.53 | 60.72 0.45 -48.01 | 164.70 2.53 -74.89 | 16.05 -0.33 -27.04 | 7.63 -0.18 -13.79 | 1.46 -0.58 -14.17 |
| CANDIGU_WT_PWR 323617 | 20.47 0.13 -14.44 | 7.95 -0.43 -22.73 | 7.04 -0.38 -19.76 | 6.61 -0.36 -18.56 | 6.15 -0.49 -19.59 | 6.20 -0.49 -19.66 | 6.64 -0.36 -17.26 | 10.10 -0.20 -15.96 | 10.25 -0.20 -15.60 | 9.78 -0.27 -15.95 | 7.42 -0.37 -15.82 | 6.11 -0.43 -16.72 | 6.27 -0.41 -17.15 | 9.99 -0.20 -15.68 | 15.14 0.06 -13.96 | 12.25 -0.12 -15.01 | 7.14 -0.53 -17.55 | 21.55 -0.16 -24.94 | 30.75 0.30 -26.29 | 37.42 0.77 -24.39 | 125.51 4.68 -33.56 | 15.00 -0.47 -26.14 | 12.84 -0.19 -19.01 | 6.85 -0.57 -19.54 |
| CARR STREET_E_SYR 24060 | 11.76 -0.01 -5.88 | -5.09 0.00 -9.25 | -4.30 0.00 -8.04 | -4.04 0.00 -7.55 | -4.99 -0.01 -7.97 | -4.98 -0.02 -8.00 | -3.25 -0.01 -7.02 | 0.83 -0.01 -6.49 | 1.19 -0.01 -6.35 | 0.58 -0.01 -6.49 | -1.60 -0.01 -6.43 | -3.38 0.00 -6.80 | -3.48 0.00 -6.98 | 0.91 0.01 -6.39 | 6.82 0.00 -5.70 | 3.48 0.00 -6.14 | -2.73 -0.03 -7.17 | 4.49 -0.01 -7.74 | 11.40 0.03 -7.21 | 18.01 0.10 -5.65 | 94.13 0.45 -6.41 | -0.87 -0.04 -9.83 | 2.07 -0.01 -8.06 | -3.88 -0.04 -8.28 |
| CARTHAGE___PAPER 23857 | 8.36 -0.07 -2.53 | -10.12 0.24 -3.98 | -8.64 0.24 -3.46 | -8.12 0.22 -3.25 | -9.26 0.25 -3.43 | -9.23 0.29 -3.44 | -6.96 0.27 -3.03 | -2.73 0.13 -2.80 | -2.29 0.13 -2.73 | -2.92 0.19 -2.79 | -5.00 0.26 -2.77 | -6.87 0.38 -2.93 | -7.09 0.37 -3.01 | -2.54 0.20 -2.75 | 3.53 -0.04 -2.46 | 0.09 0.09 -2.64 | -6.47 0.32 -3.09 | 0.25 0.10 -3.39 | 7.86 -0.03 -3.74 | 15.09 -0.11 -2.93 | 89.73 -0.87 -3.32 | -5.36 0.21 -5.10 | -1.63 0.17 -4.18 | -7.48 0.35 -4.29 |
| CASSADAGA_WT_PWR 323784 | 17.32 0.14 -11.28 | 2.94 -0.47 -17.75 | 2.59 -0.51 -15.44 | 2.53 -0.38 -14.50 | 1.77 -0.58 -15.30 | 1.75 -0.65 -15.36 | 2.72 -0.51 -13.49 | 6.54 -0.28 -12.48 | 6.75 -0.29 -12.20 | 6.15 -0.42 -12.47 | 3.82 -0.51 -12.37 | 2.33 -0.56 -13.07 | 2.20 -0.74 -13.41 | 6.44 -0.36 -12.28 | 12.18 0.11 -10.94 | 8.91 -0.22 -11.77 | 2.95 -0.94 -13.76 | 26.13 -0.27 -29.64 | 40.72 0.43 -36.13 | 50.97 1.12 -37.58 | 151.05 6.71 -57.07 | 14.21 -0.60 -25.48 | 8.73 -0.25 -14.97 | 2.51 -0.74 -15.38 |
| CE_DUNWOOD___DRP 24194 | 55.26 0.51 -48.85 | 61.43 -1.10 -76.88 | 53.55 -0.96 -66.86 | 50.30 -0.91 -62.80 | 52.31 -1.01 -66.27 | 52.51 -1.04 -66.52 | 47.31 -0.84 -58.40 | 47.87 -0.46 -53.99 | 47.20 -0.41 -52.77 | 47.56 -0.50 -53.96 | 44.77 -0.70 -53.50 | 45.47 -0.91 -56.56 | 46.62 -0.94 -58.02 | 47.13 -0.53 -53.16 | 48.64 0.11 -47.41 | 48.09 -0.26 -51.00 | 48.98 -0.97 -59.82 | 61.92 -0.33 -65.48 | 63.84 0.39 -59.30 | 59.21 1.11 -45.84 | 147.41 8.10 -52.03 | 68.15 -0.97 -79.79 | 58.86 -0.56 -65.39 | 54.05 -1.09 -67.27 |
| CE_MILLWOOD___DRP 24193 | 55.10 0.50 -48.71 | 61.23 -1.09 -76.66 | 53.37 -0.95 -66.66 | 50.13 -0.89 -62.62 | 52.14 -0.99 -66.08 | 52.34 -1.02 -66.32 | 47.15 -0.82 -58.23 | 47.73 -0.45 -53.83 | 47.05 -0.40 -52.62 | 47.42 -0.49 -53.81 | 44.63 -0.68 -53.34 | 45.33 -0.89 -56.39 | 46.47 -0.92 -57.85 | 46.99 -0.52 -53.00 | 48.50 0.10 -47.27 | 47.95 -0.26 -50.85 | 48.82 -0.95 -59.64 | 61.72 -0.33 -65.28 | 63.60 0.38 -59.06 | 59.02 1.10 -45.66 | 147.05 7.95 -51.83 | 67.86 -0.96 -79.48 | 58.62 -0.54 -65.14 | 53.82 -1.07 -67.02 |

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| CE_NYC2_DRP 24202 | 55.39 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.60 -1.03 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.56 -1.11 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.62 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.26 8.83 -52.15 | 68.23 -1.08 -79.97 | 58.94 -0.63 -65.54 | 54.08 -1.21 -67.42 |
| CE_NYC_DRP 24195 | 55.39 0.56 -48.93 | 61.47 -1.19 -77.01 | 53.59 -1.04 -66.97 | 50.34 -0.98 -62.91 | 52.35 -1.09 -66.38 | 52.55 -1.12 -66.63 | 47.34 -0.90 -58.50 | 47.93 -0.49 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.80 -0.76 -53.58 | 45.49 -0.99 -56.66 | 46.62 -1.03 -58.12 | 47.18 -0.57 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.04 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.18 -45.94 | 148.14 8.72 -52.15 | 68.24 -1.06 -79.96 | 58.96 -0.60 -65.54 | 54.11 -1.18 -67.41 |
| CHAFFEE__LFGE 323603 | 16.88 0.09 -10.89 | 2.28 -0.50 -17.13 | 2.09 -0.47 -14.90 | 1.96 -0.44 -14.00 | 1.24 -0.58 -14.77 | 1.29 -0.57 -14.83 | 2.29 -0.47 -13.02 | 6.14 -0.24 -12.04 | 6.41 -0.21 -11.78 | 5.89 -0.24 -12.04 | 3.58 -0.33 -11.94 | 2.07 -0.37 -12.62 | 2.11 -0.37 -12.95 | 6.21 -0.16 -11.86 | 11.74 0.05 -10.57 | 8.61 -0.11 -11.37 | 2.98 -0.44 -13.29 | 29.12 -0.11 -32.46 | 45.17 0.21 -40.80 | 56.17 0.58 -43.33 | 157.59 3.48 -66.83 | 15.38 -0.44 -26.48 | 8.24 -0.24 -14.45 | 2.05 -0.68 -14.86 |
| CHATEAUG_WT_PWR 323614 | 5.82 -0.08 0.00 | -14.14 0.20 0.00 | -12.11 0.23 0.00 | -11.38 0.22 0.00 | -12.65 0.30 0.00 | -12.69 0.27 0.00 | -10.06 0.20 0.00 | -5.57 0.09 0.00 | -5.08 0.08 0.00 | -5.79 0.11 0.00 | -7.85 0.18 0.00 | -9.92 0.27 0.00 | -10.24 0.23 0.00 | -5.37 0.12 0.00 | 1.09 -0.03 0.00 | -2.56 0.09 0.00 | -9.51 0.36 0.00 | -3.13 0.11 0.00 | 4.00 -0.16 0.00 | 11.74 -0.52 0.00 | 83.78 -3.50 0.00 | -10.39 0.27 0.00 | -5.89 0.09 0.00 | -11.84 0.29 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 5.83 -0.07 0.00 | -14.17 0.18 0.00 | -12.15 0.19 0.00 | -11.41 0.18 0.00 | -12.71 0.24 0.00 | -12.73 0.23 0.00 | -10.09 0.17 0.00 | -5.59 0.07 0.00 | -5.09 0.06 0.00 | -5.81 0.10 0.00 | -7.88 0.15 0.00 | -9.96 0.22 0.00 | -10.26 0.20 0.00 | -5.37 0.12 0.00 | 1.08 -0.03 0.00 | -2.57 0.08 0.00 | -9.53 0.35 0.00 | -3.13 0.10 0.00 | 4.00 -0.15 0.00 | 11.78 -0.48 0.00 | 84.13 -3.15 0.00 | -10.44 0.22 0.00 | -5.91 0.07 0.00 | -11.88 0.24 0.00 |
| CHAUTAUQUA__LFGE 323629 | 17.00 0.18 -10.92 | 2.25 -0.59 -17.19 | 2.06 -0.55 -14.95 | 1.96 -0.48 -14.04 | 1.21 -0.66 -14.82 | 1.23 -0.68 -14.87 | 2.27 -0.53 -13.06 | 6.13 -0.29 -12.08 | 6.38 -0.27 -11.81 | 5.82 -0.36 -12.08 | 3.48 -0.46 -11.97 | 1.93 -0.54 -12.66 | 1.90 -0.62 -12.99 | 6.12 -0.28 -11.89 | 11.81 0.09 -10.60 | 8.59 -0.17 -11.40 | 2.71 -0.74 -13.33 | 27.24 -0.20 -30.68 | 42.57 0.38 -38.03 | 53.24 0.96 -40.02 | 154.20 5.62 -61.30 | 14.42 -0.55 -25.64 | 8.26 -0.25 -14.50 | 2.00 -0.78 -14.90 |
| CH_MIDHUDSON__DRP 24192 | 56.55 0.48 -50.17 | 63.57 -1.05 -78.97 | 55.42 -0.91 -68.67 | 52.05 -0.86 -64.51 | 54.17 -0.95 -68.07 | 54.38 -0.98 -68.32 | 48.94 -0.79 -59.99 | 49.36 -0.44 -55.46 | 48.66 -0.39 -54.20 | 49.06 -0.47 -55.43 | 46.27 -0.65 -54.95 | 47.06 -0.85 -58.10 | 48.26 -0.87 -59.59 | 48.63 -0.49 -54.60 | 49.92 0.10 -48.70 | 49.50 -0.24 -52.39 | 50.63 -0.88 -61.39 | 63.38 -0.30 -66.92 | 65.45 0.36 -60.94 | 60.69 1.05 -47.38 | 148.65 7.59 -53.78 | 70.90 -0.91 -82.47 | 61.11 -0.51 -67.60 | 56.36 -1.00 -69.49 |
| CH_MISC_IPPS 23765 | 55.69 0.50 -49.28 | 62.12 -1.11 -77.57 | 54.15 -0.96 -67.45 | 50.86 -0.91 -63.36 | 52.91 -1.01 -66.87 | 53.11 -1.03 -67.11 | 47.83 -0.84 -58.93 | 48.36 -0.46 -54.48 | 47.67 -0.41 -53.24 | 48.05 -0.49 -54.45 | 45.26 -0.69 -53.97 | 46.00 -0.89 -57.07 | 47.16 -0.91 -58.54 | 47.63 -0.51 -53.64 | 49.06 0.10 -47.84 | 48.56 -0.25 -51.46 | 49.50 -0.94 -60.31 | 62.26 -0.32 -65.81 | 64.24 0.38 -59.70 | 59.72 1.12 -46.34 | 147.96 8.08 -52.60 | 69.02 -0.97 -80.66 | 59.59 -0.54 -66.11 | 54.76 -1.06 -67.96 |
| CH_RES_BVR_FALLS 23983 | 3.88 -0.05 1.98 | -17.24 0.22 3.11 | -14.86 0.19 2.71 | -13.95 0.19 2.54 | -15.38 0.25 2.68 | -15.41 0.25 2.69 | -12.40 0.22 2.36 | -7.72 0.12 2.19 | -7.18 0.11 2.14 | -7.99 0.10 2.18 | -10.08 0.12 2.17 | -12.34 0.13 2.29 | -12.69 0.12 2.35 | -7.59 0.05 2.15 | -0.81 -0.01 1.92 | -4.68 0.03 2.07 | -12.21 0.11 2.45 | -5.76 0.04 2.57 | 4.11 -0.05 0.00 | 12.10 -0.16 0.00 | 85.92 -1.36 0.00 | -10.44 0.23 0.00 | -5.83 0.15 0.00 | -11.79 0.33 0.00 |
| CH_RES_NIAGARA 23895 | 15.53 -0.09 -9.71 | 0.86 -0.08 -15.29 | 0.84 -0.12 -13.29 | 0.79 -0.10 -12.49 | 0.04 -0.19 -13.18 | 0.11 -0.15 -13.23 | 1.19 -0.17 -11.61 | 4.98 -0.11 -10.74 | 5.24 -0.10 -10.50 | 4.74 -0.09 -10.74 | 2.47 -0.14 -10.65 | 0.96 -0.12 -11.26 | 0.96 -0.12 -11.55 | 5.08 0.00 -10.57 | 10.55 0.01 -9.43 | 7.46 -0.03 -10.14 | 1.88 -0.10 -11.85 | 223.03 0.01 -226.26 | 343.50 0.02 -339.32 | 411.87 0.09 -399.51 | 748.63 0.21 -661.14 | 109.05 -0.10 -119.82 | 6.86 -0.08 -12.92 | 0.78 -0.37 -13.28 |
| CH_RES_SYRACUSE 23985 | 12.52 0.02 -6.61 | -4.02 -0.07 -10.40 | -3.36 -0.06 -9.04 | -3.16 -0.05 -8.49 | -4.07 -0.08 -8.96 | -4.06 -0.09 -9.00 | -2.43 -0.07 -7.90 | 1.61 -0.03 -7.30 | 1.95 -0.03 -7.14 | 1.35 -0.04 -7.30 | -0.85 -0.05 -7.23 | -2.58 -0.05 -7.65 | -2.67 -0.04 -7.84 | 1.68 -0.02 -7.19 | 7.54 0.01 -6.41 | 4.24 -0.01 -6.90 | -1.88 -0.07 -8.06 | 5.43 -0.03 -8.69 | 12.21 0.06 -7.99 | 18.70 0.17 -6.26 | 95.27 0.89 -7.11 | 0.14 -0.09 -10.90 | 2.92 -0.03 -8.93 | -3.04 -0.10 -9.18 |
| CLINTON_WT_PWR 323605 | 5.82 -0.08 0.00 | -14.14 0.20 0.00 | -12.11 0.23 0.00 | -11.38 0.22 0.00 | -12.65 0.30 0.00 | -12.69 0.27 0.00 | -10.06 0.20 0.00 | -5.57 0.09 0.00 | -5.08 0.08 0.00 | -5.79 0.11 0.00 | -7.85 0.18 0.00 | -9.92 0.27 0.00 | -10.24 0.23 0.00 | -5.37 0.12 0.00 | 1.09 -0.03 0.00 | -2.56 0.09 0.00 | -9.51 0.36 0.00 | -3.13 0.11 0.00 | 4.00 -0.16 0.00 | 11.74 -0.52 0.00 | 83.78 -3.50 0.00 | -10.39 0.27 0.00 | -5.89 0.09 0.00 | -11.84 0.29 0.00 |
| CLINTON__LFGE 323618 | 5.88 -0.02 0.00 | -14.27 0.07 0.00 | -12.23 0.11 0.00 | -11.49 0.11 0.00 | -12.79 0.16 0.00 | -12.82 0.14 0.00 | -10.17 0.09 0.00 | -5.63 0.03 0.00 | -5.14 0.02 0.00 | -5.86 0.05 0.00 | -7.93 0.10 0.00 | -10.02 0.16 0.00 | -10.33 0.14 0.00 | -5.42 0.06 0.00 | 1.10 -0.02 0.00 | -2.58 0.07 0.00 | -9.58 0.29 0.00 | -3.15 0.09 0.00 | 4.04 -0.12 0.00 | 11.87 -0.39 0.00 | 84.74 -2.53 0.00 | -10.50 0.16 0.00 | -5.94 0.04 0.00 | -11.93 0.19 0.00 |
| COLONIE_LFGE__ 323577 | 72.57 0.35 -66.32 | 89.22 -0.82 -104.38 | 77.74 -0.69 -90.77 | 73.03 -0.64 -85.27 | 76.32 -0.71 -89.98 | 76.67 -0.68 -90.31 | 68.47 -0.57 -79.30 | 67.33 -0.31 -73.31 | 66.19 -0.30 -71.65 | 67.03 -0.33 -73.26 | 64.17 -0.43 -72.63 | 66.07 -0.54 -76.79 | 67.74 -0.57 -78.78 | 66.42 -0.26 -72.17 | 65.55 0.05 -64.37 | 66.45 -0.14 -69.24 | 69.94 -0.54 -80.35 | 79.66 -0.20 -83.10 | 76.00 0.27 -71.57 | 72.34 0.73 -59.36 | 160.50 5.85 -67.37 | 91.98 -0.66 -103.31 | 78.31 -0.38 -84.67 | 74.16 -0.76 -87.04 |
| COPENHAGEN_WT_PWR 323753 | 8.94 -0.13 -3.17 | -8.92 0.43 -5.00 | -7.61 0.39 -4.35 | -7.14 0.37 -4.08 | -8.20 0.44 -4.31 | -8.17 0.47 -4.32 | -6.02 0.44 -3.80 | -1.92 0.23 -3.51 | -1.51 0.22 -3.43 | -2.13 0.27 -3.51 | -4.21 0.34 -3.48 | -6.03 0.48 -3.68 | -6.24 0.45 -3.77 | -1.82 0.21 -3.45 | 4.15 -0.05 -3.08 | 0.78 0.11 -3.32 | -5.64 0.36 -3.87 | 1.10 0.10 -4.23 | 8.49 -0.04 -4.37 | 15.46 -0.23 -3.43 | 89.17 -2.00 -3.89 | -4.32 0.38 -5.96 | -0.81 0.28 -4.89 | -6.54 0.56 -5.02 |

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|---------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| CORNELL____ 23752 | 20.71 0.21 -14.59 | 8.11 -0.52 -22.97 | 7.20 -0.44 -19.98 | 6.76 -0.41 -18.77 | 6.36 -0.49 -19.80 | 6.40 -0.51 -19.88 | 6.80 -0.39 -17.45 | 10.26 -0.22 -16.13 | 10.42 -0.19 -15.77 | 9.99 -0.23 -16.13 | 7.68 -0.28 -15.99 | 6.42 -0.30 -16.90 | 6.58 -0.29 -17.34 | 10.25 -0.15 -15.89 | 15.34 0.04 -14.18 | 12.53 -0.08 -15.26 | 7.60 -0.37 -17.84 | 15.81 -0.13 -19.18 | 21.63 0.24 -17.24 | 26.43 0.66 -13.51 | 106.82 4.22 -15.33 | 12.36 -0.47 -23.51 | 13.07 -0.22 -19.27 | 7.17 -0.50 -19.80 |
| COXSACKIE____GT 23611 | 59.78 0.45 -53.42 | 68.67 -1.06 -84.09 | 59.86 -0.92 -73.12 | 56.23 -0.86 -68.69 | 58.57 -0.96 -72.48 | 58.82 -0.97 -72.75 | 52.84 -0.77 -63.88 | 52.97 -0.43 -59.05 | 52.17 -0.39 -57.71 | 52.67 -0.45 -59.02 | 49.89 -0.59 -58.51 | 50.94 -0.74 -61.86 | 52.24 -0.75 -63.46 | 52.26 -0.39 -58.14 | 53.05 0.08 -51.85 | 52.94 -0.20 -55.78 | 54.61 -0.73 -65.21 | 66.87 -0.26 -70.36 | 68.71 0.35 -64.21 | 63.85 1.00 -50.58 | 152.13 7.43 -57.42 | 76.49 -0.89 -88.04 | 65.69 -0.48 -72.16 | 61.08 -0.97 -74.18 |
| CPV_VALLEY____CC1 323721 | 50.42 0.38 -44.14 | 54.30 -0.82 -69.47 | 47.35 -0.72 -60.41 | 44.47 -0.68 -56.75 | 46.18 -0.76 -59.89 | 46.36 -0.79 -60.11 | 41.89 -0.63 -52.78 | 42.79 -0.35 -48.79 | 42.22 -0.31 -47.68 | 42.50 -0.37 -48.76 | 39.80 -0.51 -48.34 | 40.26 -0.67 -51.11 | 41.27 -0.69 -52.43 | 42.15 -0.40 -48.04 | 44.04 0.08 -42.84 | 43.24 -0.20 -46.09 | 43.42 -0.73 -54.03 | 55.32 -0.25 -58.82 | 56.12 0.30 -51.67 | 53.17 0.84 -40.06 | 138.78 6.03 -45.48 | 58.33 -0.73 -69.73 | 50.76 -0.41 -57.15 | 45.78 -0.82 -58.73 |
| CPV_VALLEY____CC2 323722 | 50.42 0.38 -44.14 | 54.30 -0.82 -69.47 | 47.35 -0.72 -60.41 | 44.47 -0.68 -56.75 | 46.18 -0.76 -59.89 | 46.36 -0.79 -60.11 | 41.89 -0.63 -52.78 | 42.79 -0.35 -48.79 | 42.22 -0.31 -47.68 | 42.50 -0.37 -48.76 | 39.80 -0.51 -48.34 | 40.26 -0.67 -51.11 | 41.27 -0.69 -52.43 | 42.15 -0.40 -48.04 | 44.04 0.08 -42.84 | 43.24 -0.20 -46.09 | 43.42 -0.73 -54.03 | 55.32 -0.25 -58.82 | 56.12 0.30 -51.67 | 53.17 0.84 -40.06 | 138.78 6.03 -45.48 | 58.33 -0.73 -69.73 | 50.76 -0.41 -57.15 | 45.78 -0.82 -58.73 |
| CRESCENT____HYD 24018 | 72.57 0.35 -66.32 | 89.22 -0.82 -104.38 | 77.74 -0.69 -90.77 | 73.03 -0.64 -85.27 | 76.32 -0.71 -89.98 | 76.67 -0.68 -90.31 | 68.47 -0.57 -79.30 | 67.33 -0.31 -73.31 | 66.19 -0.30 -71.65 | 67.03 -0.33 -73.26 | 64.17 -0.43 -72.63 | 66.07 -0.54 -76.79 | 67.74 -0.57 -78.78 | 66.42 -0.26 -72.17 | 65.55 0.05 -64.37 | 66.45 -0.14 -69.24 | 69.94 -0.54 -80.35 | 79.66 -0.20 -83.10 | 76.00 0.27 -71.57 | 72.34 0.73 -59.36 | 160.50 5.85 -67.37 | 91.98 -0.66 -103.31 | 78.31 -0.38 -84.67 | 74.16 -0.76 -87.04 |
| CRICKET____VALLEY_CC1 323756 | 57.29 0.40 -50.99 | 65.04 -0.86 -80.25 | 56.71 -0.73 -69.78 | 53.27 -0.69 -65.55 | 55.47 -0.76 -69.17 | 55.69 -0.78 -69.43 | 50.06 -0.65 -60.96 | 50.35 -0.35 -56.36 | 49.61 -0.32 -55.08 | 50.04 -0.38 -56.33 | 47.26 -0.55 -55.84 | 48.15 -0.71 -59.04 | 49.37 -0.72 -60.56 | 49.59 -0.40 -55.49 | 50.69 0.08 -49.49 | 50.39 -0.20 -53.24 | 50.51 -0.72 -61.11 | 51.81 -0.25 -55.29 | 53.84 0.28 -49.41 | 61.27 0.82 -48.19 | 148.02 6.05 -54.70 | 72.49 -0.73 -83.88 | 62.36 -0.40 -68.75 | 57.75 -0.80 -70.68 |
| CRICKET____VALLEY_CC2 323757 | 57.29 0.40 -50.99 | 65.04 -0.86 -80.25 | 56.71 -0.73 -69.78 | 53.27 -0.69 -65.55 | 55.47 -0.76 -69.17 | 55.69 -0.78 -69.43 | 50.06 -0.65 -60.96 | 50.35 -0.35 -56.36 | 49.61 -0.32 -55.08 | 50.04 -0.38 -56.33 | 47.26 -0.55 -55.84 | 48.15 -0.71 -59.04 | 49.37 -0.72 -60.56 | 49.59 -0.40 -55.49 | 50.69 0.08 -49.49 | 50.39 -0.20 -53.24 | 50.51 -0.72 -61.11 | 51.81 -0.25 -55.29 | 53.84 0.28 -49.41 | 61.27 0.82 -48.19 | 148.02 6.05 -54.70 | 72.49 -0.73 -83.88 | 62.36 -0.40 -68.75 | 57.75 -0.80 -70.68 |
| CRICKET____VALLEY_CC3 323758 | 57.29 0.40 -50.99 | 65.04 -0.86 -80.25 | 56.71 -0.73 -69.78 | 53.27 -0.69 -65.55 | 55.47 -0.76 -69.17 | 55.69 -0.78 -69.43 | 50.06 -0.65 -60.96 | 50.35 -0.35 -56.36 | 49.61 -0.32 -55.08 | 50.04 -0.38 -56.33 | 47.26 -0.55 -55.84 | 48.15 -0.71 -59.04 | 49.37 -0.72 -60.56 | 49.59 -0.40 -55.49 | 50.69 0.08 -49.49 | 50.39 -0.20 -53.24 | 50.51 -0.72 -61.11 | 51.81 -0.25 -55.29 | 53.84 0.28 -49.41 | 61.27 0.82 -48.19 | 148.02 6.05 -54.70 | 72.49 -0.73 -83.88 | 62.36 -0.40 -68.75 | 57.75 -0.80 -70.68 |
| CRUCIBLE_METL_DRP 24180 | 12.52 0.02 -6.61 | -4.02 -0.07 -10.40 | -3.36 -0.06 -9.04 | -3.16 -0.05 -8.49 | -4.07 -0.08 -8.96 | -4.06 -0.09 -9.00 | -2.43 -0.07 -7.90 | 1.61 -0.03 -7.30 | 1.95 -0.03 -7.14 | 1.35 -0.04 -7.30 | -0.85 -0.05 -7.23 | -2.58 -0.05 -7.65 | -2.67 -0.04 -7.84 | 1.68 -0.02 -7.19 | 7.54 0.01 -6.41 | 4.24 -0.01 -6.90 | -1.88 -0.07 -8.06 | 5.43 -0.03 -8.69 | 12.21 0.06 -7.99 | 18.70 0.17 -6.26 | 95.27 0.89 -7.11 | 0.14 -0.09 -10.90 | 2.92 -0.03 -8.93 | -3.04 -0.10 -9.18 |
| DAHOWA____HYDRO 323763 | 74.22 0.37 -67.96 | 91.75 -0.86 -106.96 | 79.96 -0.70 -93.01 | 75.12 -0.65 -87.37 | 78.52 -0.73 -92.20 | 78.87 -0.71 -92.54 | 70.39 -0.60 -81.26 | 69.12 -0.34 -75.12 | 67.93 -0.33 -73.42 | 68.81 -0.36 -75.07 | 65.93 -0.47 -74.42 | 67.95 -0.56 -78.69 | 69.68 -0.58 -80.72 | 68.22 -0.25 -73.95 | 67.14 0.06 -65.96 | 68.17 -0.14 -70.96 | 71.98 -0.54 -82.40 | 82.07 -0.20 -85.50 | 77.61 0.32 -73.13 | 73.54 0.88 -60.40 | 162.87 7.03 -68.56 | 93.68 -0.79 -105.13 | 79.75 -0.44 -86.17 | 75.62 -0.83 -88.58 |
| DANC____LFGE 323619 | 9.70 -0.12 -3.92 | -7.84 0.34 -6.17 | -6.67 0.31 -5.37 | -6.27 0.29 -5.04 | -7.30 0.33 -5.32 | -7.27 0.35 -5.34 | -5.24 0.33 -4.69 | -1.15 0.17 -4.34 | -0.76 0.16 -4.24 | -1.37 0.20 -4.33 | -3.47 0.26 -4.29 | -5.27 0.37 -4.54 | -5.45 0.36 -4.66 | -1.04 0.18 -4.27 | 4.89 -0.04 -3.81 | 1.54 0.09 -4.09 | -4.80 0.29 -4.78 | 2.05 0.08 -5.19 | 9.22 -0.04 -5.11 | 16.08 -0.19 -4.00 | 90.22 -1.59 -4.54 | -3.42 0.28 -6.96 | -0.06 0.21 -5.71 | -5.87 0.39 -5.87 |
| DANSKAMMER____1 23586 | 55.69 0.50 -49.28 | 62.12 -1.11 -77.57 | 54.15 -0.96 -67.45 | 50.86 -0.91 -63.36 | 52.91 -1.01 -66.87 | 53.11 -1.03 -67.11 | 47.83 -0.84 -58.93 | 48.36 -0.46 -54.48 | 47.67 -0.41 -53.24 | 48.05 -0.49 -54.45 | 45.26 -0.69 -53.97 | 46.00 -0.89 -57.07 | 47.16 -0.91 -58.54 | 47.63 -0.51 -53.64 | 49.06 0.10 -47.84 | 48.56 -0.25 -51.46 | 49.50 -0.94 -60.31 | 62.26 -0.32 -65.81 | 64.24 0.38 -59.70 | 59.72 1.12 -46.34 | 147.96 8.08 -52.60 | 69.02 -0.97 -80.66 | 59.59 -0.54 -66.11 | 54.76 -1.06 -67.96 |
| DANSKAMMER____2 23589 | 55.69 0.50 -49.28 | 62.12 -1.11 -77.57 | 54.15 -0.96 -67.45 | 50.86 -0.91 -63.36 | 52.91 -1.01 -66.87 | 53.11 -1.03 -67.11 | 47.83 -0.84 -58.93 | 48.36 -0.46 -54.48 | 47.67 -0.41 -53.24 | 48.05 -0.49 -54.45 | 45.26 -0.69 -53.97 | 46.00 -0.89 -57.07 | 47.16 -0.91 -58.54 | 47.63 -0.51 -53.64 | 49.06 0.10 -47.84 | 48.56 -0.25 -51.46 | 49.50 -0.94 -60.31 | 62.26 -0.32 -65.81 | 64.24 0.38 -59.70 | 59.72 1.12 -46.34 | 147.96 8.08 -52.60 | 69.02 -0.97 -80.66 | 59.59 -0.54 -66.11 | 54.76 -1.06 -67.96 |
| DANSKAMMER____3 23590 | 55.69 0.50 -49.28 | 62.12 -1.11 -77.57 | 54.15 -0.96 -67.45 | 50.86 -0.91 -63.36 | 52.91 -1.01 -66.87 | 53.11 -1.03 -67.11 | 47.83 -0.84 -58.93 | 48.36 -0.46 -54.48 | 47.67 -0.41 -53.24 | 48.05 -0.49 -54.45 | 45.26 -0.69 -53.97 | 46.00 -0.89 -57.07 | 47.16 -0.91 -58.54 | 47.63 -0.51 -53.64 | 49.06 0.10 -47.84 | 48.56 -0.25 -51.46 | 49.50 -0.94 -60.31 | 62.26 -0.32 -65.81 | 64.24 0.38 -59.70 | 59.72 1.12 -46.34 | 147.96 8.08 -52.60 | 69.02 -0.97 -80.66 | 59.59 -0.54 -66.11 | 54.76 -1.06 -67.96 |
| DANSKAMMER____4 23591 | 55.69 0.50 -49.28 | 62.12 -1.11 -77.57 | 54.15 -0.96 -67.45 | 50.86 -0.91 -63.36 | 52.91 -1.01 -66.87 | 53.11 -1.03 -67.11 | 47.83 -0.84 -58.93 | 48.36 -0.46 -54.48 | 47.67 -0.41 -53.24 | 48.05 -0.49 -54.45 | 45.26 -0.69 -53.97 | 46.00 -0.89 -57.07 | 47.16 -0.91 -58.54 | 47.63 -0.51 -53.64 | 49.06 0.10 -47.84 | 48.56 -0.25 -51.46 | 49.50 -0.94 -60.31 | 62.26 -0.32 -65.81 | 64.24 0.38 -59.70 | 59.72 1.12 -46.34 | 147.96 8.08 -52.60 | 69.02 -0.97 -80.66 | 59.59 -0.54 -66.11 | 54.76 -1.06 -67.96 |

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|--------------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| DANSKAMMER___DIESEL 23592 | 55.69 0.50 -49.28 | 62.12 -1.11 -77.57 | 54.15 -0.96 -67.45 | 50.86 -0.91 -63.36 | 52.91 -1.01 -66.87 | 53.11 -1.03 -67.11 | 47.83 -0.84 -58.93 | 48.36 -0.46 -54.48 | 47.67 -0.41 -53.24 | 48.05 -0.49 -54.45 | 45.26 -0.69 -53.97 | 46.00 -0.89 -57.07 | 47.16 -0.91 -58.54 | 47.63 -0.51 -53.64 | 49.06 0.10 -47.84 | 48.56 -0.25 -51.46 | 49.50 -0.94 -60.31 | 62.26 -0.32 -65.81 | 64.24 0.38 -59.70 | 59.72 1.12 -46.34 | 147.96 8.08 -52.60 | 69.02 -0.97 -80.66 | 59.59 -0.54 -66.11 | 54.76 -1.06 -67.96 |
| DASHVILLE___HYD 23610 | 56.63 0.39 -50.33 | 64.02 -0.85 -79.22 | 55.81 -0.74 -68.89 | 52.42 -0.70 -64.72 | 54.57 -0.77 -68.29 | 54.77 -0.81 -68.54 | 49.29 -0.64 -60.18 | 49.63 -0.35 -55.64 | 48.90 -0.32 -54.38 | 49.32 -0.38 -55.61 | 46.56 -0.54 -55.12 | 47.39 -0.72 -58.28 | 48.60 -0.72 -59.79 | 48.87 -0.42 -54.78 | 50.06 0.08 -48.86 | 49.71 -0.19 -52.55 | 50.92 -0.73 -61.53 | 63.31 -0.25 -66.80 | 65.22 0.30 -60.77 | 60.60 0.86 -47.47 | 147.37 6.21 -53.89 | 71.22 -0.75 -82.63 | 61.34 -0.41 -67.73 | 56.69 -0.81 -69.62 |
| DELAWARE___LFGE 323621 | 33.91 0.34 -27.66 | 28.39 -0.80 -43.54 | 24.83 -0.70 -37.87 | 23.31 -0.66 -35.57 | 23.84 -0.75 -37.53 | 23.94 -0.77 -37.67 | 22.23 -0.59 -33.08 | 24.60 -0.32 -30.58 | 24.44 -0.29 -29.89 | 24.31 -0.35 -30.56 | 21.78 -0.49 -30.30 | 21.22 -0.63 -32.04 | 21.76 -0.64 -32.86 | 24.27 -0.34 -30.11 | 28.05 0.07 -26.85 | 26.07 -0.17 -28.89 | 23.24 -0.65 -33.76 | 32.52 -0.22 -35.98 | 34.12 0.28 -29.67 | 36.48 0.76 -23.45 | 119.06 5.17 -26.62 | 29.53 -0.62 -40.82 | 27.15 -0.33 -33.46 | 21.58 -0.69 -34.39 |
| DOGLEVILLE___HYD 23807 | 5.83 -0.08 0.00 | -14.46 -0.11 0.00 | -12.41 -0.07 0.00 | -11.65 -0.06 0.00 | -13.02 -0.07 0.00 | -12.98 -0.02 0.00 | -10.29 -0.03 0.00 | -5.68 -0.02 0.00 | -5.17 -0.02 0.00 | -5.93 -0.02 0.00 | -8.04 -0.01 0.00 | -10.21 -0.03 0.00 | -10.48 -0.01 0.00 | -5.47 0.02 0.00 | 1.13 0.01 0.00 | -2.66 -0.01 0.00 | -9.91 -0.04 0.00 | -3.24 0.00 0.00 | 4.14 -0.02 0.00 | 12.58 0.31 0.00 | 89.66 2.38 0.00 | -10.89 -0.23 0.00 | -6.10 -0.12 0.00 | -12.36 -0.23 0.00 |
| DUNKIRK___1 23563 | 16.97 0.18 -10.89 | 2.18 -0.61 -17.14 | 2.00 -0.56 -14.90 | 1.90 -0.50 -14.00 | 1.15 -0.68 -14.77 | 1.17 -0.69 -14.83 | 2.22 -0.54 -13.02 | 6.09 -0.29 -12.04 | 6.34 -0.27 -11.77 | 5.79 -0.35 -12.04 | 3.45 -0.46 -11.93 | 1.89 -0.55 -12.62 | 1.87 -0.61 -12.94 | 6.09 -0.27 -11.85 | 11.77 0.09 -10.57 | 8.56 -0.16 -11.37 | 2.70 -0.72 -13.28 | 27.35 -0.20 -30.78 | 42.75 0.37 -38.22 | 53.44 0.93 -40.25 | 154.42 5.43 -61.71 | 14.45 -0.55 -25.66 | 8.21 -0.26 -14.45 | 1.94 -0.78 -14.85 |
| DUNKIRK___2 23564 | 16.97 0.18 -10.89 | 2.18 -0.61 -17.14 | 2.00 -0.56 -14.90 | 1.90 -0.50 -14.00 | 1.15 -0.68 -14.77 | 1.17 -0.69 -14.83 | 2.22 -0.54 -13.02 | 6.09 -0.29 -12.04 | 6.34 -0.27 -11.77 | 5.79 -0.35 -12.04 | 3.45 -0.46 -11.93 | 1.89 -0.55 -12.62 | 1.87 -0.61 -12.94 | 6.09 -0.27 -11.85 | 11.77 0.09 -10.57 | 8.56 -0.16 -11.37 | 2.70 -0.72 -13.28 | 27.35 -0.20 -30.78 | 42.75 0.37 -38.22 | 53.44 0.93 -40.25 | 154.42 5.43 -61.71 | 14.45 -0.55 -25.66 | 8.21 -0.26 -14.45 | 1.94 -0.78 -14.85 |
| DUNKIRK___3 23565 | 16.86 0.15 -10.81 | 2.08 -0.58 -17.01 | 1.92 -0.53 -14.79 | 1.81 -0.48 -13.89 | 1.07 -0.64 -14.66 | 1.11 -0.65 -14.72 | 2.16 -0.50 -12.92 | 6.02 -0.27 -11.95 | 6.28 -0.24 -11.69 | 5.74 -0.31 -11.95 | 3.41 -0.41 -11.84 | 1.86 -0.49 -12.53 | 1.85 -0.53 -12.85 | 6.04 -0.23 -11.76 | 11.68 0.07 -10.49 | 8.49 -0.14 -11.28 | 2.70 -0.61 -13.19 | 27.03 -0.16 -30.43 | 42.23 0.32 -37.75 | 52.79 0.79 -39.74 | 152.74 4.58 -60.89 | 14.26 -0.49 -25.41 | 8.12 -0.24 -14.35 | 1.88 -0.74 -14.75 |
| DUNKIRK___4 23566 | 16.86 0.15 -10.81 | 2.08 -0.58 -17.01 | 1.92 -0.53 -14.79 | 1.81 -0.48 -13.89 | 1.07 -0.64 -14.66 | 1.11 -0.65 -14.72 | 2.16 -0.50 -12.92 | 6.02 -0.27 -11.95 | 6.28 -0.24 -11.69 | 5.74 -0.31 -11.95 | 3.41 -0.41 -11.84 | 1.86 -0.49 -12.53 | 1.85 -0.53 -12.85 | 6.04 -0.23 -11.76 | 11.68 0.07 -10.49 | 8.49 -0.14 -11.28 | 2.70 -0.61 -13.19 | 27.03 -0.16 -30.43 | 42.23 0.32 -37.75 | 52.79 0.79 -39.74 | 152.74 4.58 -60.89 | 14.26 -0.49 -25.41 | 8.12 -0.24 -14.35 | 1.88 -0.74 -14.75 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 55.36 0.52 -48.93 | 61.54 -1.13 -77.01 | 53.64 -0.98 -66.97 | 50.39 -0.93 -62.91 | 52.41 -1.03 -66.38 | 52.61 -1.06 -66.63 | 47.39 -0.86 -58.50 | 47.96 -0.47 -54.08 | 47.28 -0.42 -52.86 | 47.64 -0.51 -54.06 | 44.84 -0.72 -53.59 | 45.54 -0.93 -56.66 | 46.69 -0.97 -58.12 | 47.21 -0.55 -53.25 | 48.72 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.06 -0.99 -59.92 | 62.02 -0.34 -65.60 | 63.99 0.39 -59.43 | 59.34 1.13 -45.94 | 147.72 8.29 -52.15 | 68.30 -1.00 -79.97 | 58.99 -0.57 -65.54 | 54.18 -1.11 -67.41 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 54.13 0.45 -47.78 | 59.85 -1.00 -75.20 | 52.17 -0.88 -65.39 | 49.01 -0.82 -61.43 | 50.96 -0.92 -64.82 | 51.15 -0.95 -65.06 | 46.11 -0.76 -57.13 | 46.74 -0.42 -52.81 | 46.09 -0.37 -51.62 | 46.44 -0.44 -52.78 | 43.68 -0.62 -52.33 | 44.34 -0.80 -55.33 | 45.46 -0.83 -56.75 | 46.03 -0.48 -51.99 | 47.59 0.10 -46.37 | 47.01 -0.23 -49.89 | 47.74 -0.87 -58.48 | 60.27 -0.30 -63.81 | 61.92 0.35 -57.40 | 57.80 1.02 -44.52 | 145.13 7.32 -50.53 | 65.94 -0.88 -77.49 | 57.03 -0.49 -63.51 | 52.17 -0.98 -65.27 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 55.39 0.55 -48.93 | 61.54 -1.12 -77.02 | 53.63 -1.00 -66.97 | 50.39 -0.93 -62.91 | 52.41 -1.03 -66.39 | 52.59 -1.08 -66.63 | 47.38 -0.87 -58.51 | 47.94 -0.48 -54.08 | 47.27 -0.44 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.02 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.36 1.16 -45.94 | 147.84 8.41 -52.15 | 68.26 -1.04 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| EAST HAMPTON___GT 23717 | 55.71 0.87 -48.94 | 60.95 -1.73 -77.03 | 53.13 -1.51 -66.98 | 49.83 -1.49 -62.92 | 51.81 -1.63 -66.40 | 52.06 -1.62 -66.64 | 46.88 -1.38 -58.51 | 47.79 -0.65 -54.09 | 47.17 -0.54 -52.87 | 47.52 -0.64 -54.07 | 44.63 -0.93 -53.60 | 45.24 -1.25 -56.67 | 46.45 -1.22 -58.13 | 47.11 -0.66 -53.26 | 48.75 0.13 -47.50 | 48.12 -0.33 -51.10 | 48.82 -1.24 -59.93 | 61.96 -0.42 -65.61 | 64.22 0.62 -59.45 | 59.87 1.66 -45.95 | 151.57 12.13 -52.16 | 67.87 -1.45 -79.99 | 58.77 -0.81 -65.56 | 53.66 -1.65 -67.43 |
| EAST RIVER___6 23660 | 55.38 0.54 -48.93 | 61.51 -1.15 -77.01 | 53.62 -1.00 -66.97 | 50.36 -0.95 -62.91 | 52.38 -1.05 -66.38 | 52.58 -1.08 -66.63 | 47.37 -0.87 -58.50 | 47.95 -0.48 -54.08 | 47.27 -0.44 -52.86 | 47.62 -0.53 -54.05 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.36 1.16 -45.94 | 147.99 8.56 -52.15 | 68.26 -1.03 -79.96 | 58.97 -0.59 -65.54 | 54.13 -1.15 -67.41 |
| EAST RIVER___7 23524 | 55.38 0.54 -48.93 | 61.51 -1.15 -77.01 | 53.62 -1.00 -66.97 | 50.36 -0.95 -62.91 | 52.38 -1.05 -66.38 | 52.58 -1.08 -66.63 | 47.37 -0.87 -58.50 | 47.95 -0.48 -54.08 | 47.27 -0.44 -52.86 | 47.62 -0.53 -54.05 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.36 1.16 -45.94 | 147.99 8.56 -52.15 | 68.26 -1.03 -79.96 | 58.97 -0.59 -65.54 | 54.13 -1.15 -67.41 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 55.26 0.51 -48.85 | 61.43 -1.10 -76.88 | 53.55 -0.96 -66.86 | 50.30 -0.91 -62.80 | 52.31 -1.01 -66.27 | 52.51 -1.04 -66.52 | 47.31 -0.84 -58.40 | 47.87 -0.46 -53.99 | 47.20 -0.41 -52.77 | 47.56 -0.50 -53.96 | 44.77 -0.70 -53.50 | 45.47 -0.91 -56.56 | 46.62 -0.94 -58.02 | 47.13 -0.53 -53.16 | 48.64 0.11 -47.41 | 48.09 -0.26 -51.00 | 48.98 -0.97 -59.82 | 61.92 -0.33 -65.48 | 63.84 0.39 -59.30 | 59.21 1.11 -45.84 | 147.41 8.10 -52.03 | 68.15 -0.97 -79.79 | 58.86 -0.56 -65.39 | 54.05 -1.09 -67.27 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|---------------------------|----------------------------|--------------------------|-------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
| EAST_HAMPTON___DIESEL 23722 | 55.71 0.87 -48.94 | 60.95 -1.73 -77.03 | 53.12 -1.52 -66.98 | 49.83 -1.49 -62.92 | 51.81 -1.64 -66.40 | 52.06 -1.62 -66.64 | 46.88 -1.38 -58.51 | 47.79 -0.65 -54.09 | 47.17 -0.54 -52.87 | 47.52 -0.64 -54.07 | 44.63 -0.93 -53.60 | 45.24 -1.25 -56.67 | 46.44 -1.22 -58.13 | 47.11 -0.66 -53.26 | 48.75 0.13 -47.50 | 48.12 -0.33 -51.10 | 48.82 -1.24 -59.93 | 61.96 -0.42 -65.61 | 64.22 0.62 -59.45 | 59.87 1.66 -45.95 | 151.58 12.14 -52.16 | 67.87 -1.45 -79.99 | 58.77 -0.81 -65.56 | 53.65 -1.65 -67.43 |
| EAST_RIVER___1 323558 | 55.39 0.56 -48.93 | 61.47 -1.19 -77.01 | 53.59 -1.04 -66.97 | 50.34 -0.98 -62.91 | 52.35 -1.09 -66.38 | 52.55 -1.12 -66.63 | 47.34 -0.90 -58.50 | 47.93 -0.49 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.80 -0.76 -53.58 | 45.49 -0.99 -56.66 | 46.62 -1.03 -58.12 | 47.18 -0.57 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.04 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.38 1.18 -45.94 | 148.14 8.72 -52.15 | 68.24 -1.06 -79.96 | 58.96 -0.60 -65.54 | 54.11 -1.18 -67.41 |
| EAST_RIVER___2 323559 | 55.38 0.54 -48.93 | 61.51 -1.15 -77.01 | 53.62 -1.00 -66.97 | 50.36 -0.95 -62.91 | 52.38 -1.05 -66.38 | 52.58 -1.08 -66.63 | 47.37 -0.87 -58.50 | 47.95 -0.48 -54.08 | 47.27 -0.44 -52.86 | 47.62 -0.53 -54.05 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.36 1.16 -45.94 | 147.99 8.56 -52.15 | 68.26 -1.03 -79.96 | 58.97 -0.59 -65.54 | 54.13 -1.15 -67.41 |
| EAST___DELAWARE_HYD 23607 | 51.43 0.47 -45.06 | 55.54 -1.04 -70.93 | 48.45 -0.89 -61.68 | 45.51 -0.83 -57.94 | 47.25 -0.94 -61.14 | 47.42 -0.98 -61.36 | 42.84 -0.78 -53.88 | 43.72 -0.43 -49.81 | 43.15 -0.38 -48.68 | 43.45 -0.42 -49.78 | 40.75 -0.57 -49.35 | 41.27 -0.73 -52.18 | 42.33 -0.73 -53.53 | 43.11 -0.44 -49.04 | 44.93 0.08 -43.74 | 44.21 -0.19 -47.05 | 44.49 -0.75 -55.11 | 56.26 -0.27 -59.76 | 57.22 0.35 -52.71 | 54.42 1.06 -41.09 | 141.51 7.60 -46.64 | 59.94 -0.91 -71.52 | 52.14 -0.49 -58.61 | 47.15 -0.97 -60.25 |
| ELEC_TRO_TEK 24086 | 55.49 0.65 -48.94 | 61.33 -1.35 -77.03 | 53.44 -1.20 -66.98 | 50.18 -1.14 -62.92 | 52.20 -1.25 -66.40 | 52.44 -1.24 -66.64 | 47.24 -1.02 -58.51 | 47.92 -0.52 -54.09 | 47.27 -0.44 -52.87 | 47.62 -0.54 -54.07 | 44.78 -0.79 -53.60 | 45.39 -1.09 -56.67 | 46.58 -1.08 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 49.00 -1.06 -59.93 | 62.02 -0.36 -65.61 | 64.08 0.48 -59.45 | 59.50 1.28 -45.95 | 148.80 9.36 -52.16 | 68.20 -1.12 -79.99 | 58.95 -0.63 -65.56 | 54.02 -1.28 -67.43 |
| ELLENBURG_WT_PWR 323604 | 5.82 -0.08 0.00 | -14.14 0.20 0.00 | -12.11 0.23 0.00 | -11.38 0.22 0.00 | -12.65 0.30 0.00 | -12.69 0.27 0.00 | -10.06 0.20 0.00 | -5.57 0.09 0.00 | -5.08 0.08 0.00 | -5.79 0.11 0.00 | -7.85 0.18 0.00 | -9.92 0.27 0.00 | -10.24 0.23 0.00 | -5.37 0.12 0.00 | 1.09 -0.03 0.00 | -2.56 0.09 0.00 | -9.51 0.36 0.00 | -3.13 0.11 0.00 | 4.00 -0.16 0.00 | 11.74 -0.52 0.00 | 83.78 -3.50 0.00 | -10.39 0.27 0.00 | -5.89 0.09 0.00 | -11.84 0.29 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 16.15 0.03 -10.22 | 1.36 -0.37 -16.08 | 1.28 -0.36 -13.99 | 1.21 -0.33 -13.14 | 0.47 -0.45 -13.86 | 0.52 -0.43 -13.92 | 1.59 -0.37 -12.22 | 5.46 -0.18 -11.30 | 5.74 -0.15 -11.05 | 5.23 -0.16 -11.30 | 2.94 -0.23 -11.20 | 1.42 -0.24 -11.84 | 1.44 -0.25 -12.14 | 5.56 -0.07 -11.12 | 11.06 0.03 -9.91 | 7.95 -0.07 -10.66 | 2.31 -0.28 -12.46 | 28.03 -0.06 -31.32 | 43.89 0.12 -39.61 | 54.85 0.35 -42.23 | 154.51 1.89 -65.34 | 14.36 -0.26 -25.28 | 7.44 -0.15 -13.57 | 1.31 -0.52 -13.95 |
| EMPIRE_CC_1 323656 | 67.47 0.35 -61.21 | 81.31 -0.68 -96.34 | 70.83 -0.60 -83.77 | 66.54 -0.56 -78.70 | 69.48 -0.62 -83.04 | 69.80 -0.59 -83.35 | 62.42 -0.51 -73.18 | 61.72 -0.28 -67.66 | 60.69 -0.28 -66.12 | 61.41 -0.30 -67.62 | 58.62 -0.38 -67.03 | 60.19 -0.50 -70.88 | 61.68 -0.55 -72.70 | 60.87 -0.25 -66.61 | 60.58 0.05 -59.41 | 61.12 -0.14 -63.91 | 63.34 -0.50 -73.71 | 70.70 -0.18 -74.12 | 69.53 0.20 -65.17 | 68.72 0.54 -55.92 | 155.07 4.32 -63.47 | 86.16 -0.50 -97.33 | 73.49 -0.30 -79.77 | 69.27 -0.61 -82.01 |
| EMPIRE_CC_2 323658 | 67.47 0.35 -61.21 | 81.31 -0.68 -96.34 | 70.83 -0.60 -83.77 | 66.54 -0.56 -78.70 | 69.48 -0.62 -83.04 | 69.80 -0.59 -83.35 | 62.42 -0.51 -73.18 | 61.72 -0.28 -67.66 | 60.69 -0.28 -66.12 | 61.41 -0.30 -67.62 | 58.62 -0.38 -67.03 | 60.19 -0.50 -70.88 | 61.68 -0.55 -72.70 | 60.87 -0.25 -66.61 | 60.58 0.05 -59.41 | 61.12 -0.14 -63.91 | 63.34 -0.50 -73.71 | 70.70 -0.18 -74.12 | 69.53 0.20 -65.17 | 68.72 0.54 -55.92 | 155.07 4.32 -63.47 | 86.16 -0.50 -97.33 | 73.49 -0.30 -79.77 | 69.27 -0.61 -82.01 |
| ERIE_WT_PWR 323693 | 16.34 0.06 -10.37 | 1.53 -0.45 -16.33 | 1.43 -0.43 -14.20 | 1.35 -0.39 -13.34 | 0.61 -0.52 -14.08 | 0.66 -0.50 -14.13 | 1.72 -0.43 -12.41 | 5.61 -0.21 -11.48 | 5.89 -0.18 -11.23 | 5.37 -0.20 -11.48 | 3.08 -0.27 -11.38 | 1.57 -0.28 -12.03 | 1.59 -0.29 -12.34 | 5.71 -0.10 -11.30 | 11.23 0.04 -10.07 | 8.11 -0.08 -10.83 | 2.46 -0.34 -12.67 | 31.30 -0.08 -34.61 | 48.85 0.16 -44.53 | 60.73 0.46 -48.01 | 164.76 2.59 -74.89 | 16.03 -0.34 -27.04 | 7.62 -0.19 -13.79 | 1.45 -0.60 -14.17 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 20.63 0.20 -14.53 | 8.03 -0.49 -22.87 | 7.12 -0.42 -19.88 | 6.69 -0.39 -18.68 | 6.29 -0.47 -19.71 | 6.33 -0.49 -19.78 | 6.74 -0.37 -17.37 | 10.19 -0.21 -16.06 | 10.36 -0.18 -15.69 | 9.93 -0.22 -16.05 | 7.61 -0.27 -15.91 | 6.35 -0.29 -16.82 | 6.51 -0.28 -17.26 | 10.18 -0.15 -15.82 | 15.27 0.04 -14.11 | 12.46 -0.08 -15.18 | 7.53 -0.35 -17.75 | 15.73 -0.12 -19.08 | 21.53 0.22 -17.15 | 26.32 0.62 -13.44 | 106.56 4.03 -15.25 | 12.27 -0.45 -23.39 | 12.98 -0.21 -19.17 | 7.11 -0.47 -19.70 |
| E_CANADA_CAP_HY 24051 | 89.06 0.39 -82.76 | 115.24 -0.67 -130.26 | 100.36 -0.57 -113.27 | 94.28 -0.53 -106.40 | 98.75 -0.59 -112.28 | 99.10 -0.64 -112.70 | 88.24 -0.45 -98.95 | 85.55 -0.27 -91.48 | 83.98 -0.27 -89.41 | 85.24 -0.28 -91.43 | 82.24 -0.37 -90.64 | 85.15 -0.50 -95.83 | 87.34 -0.50 -98.30 | 84.31 -0.27 -90.07 | 81.49 0.04 -80.33 | 83.65 -0.12 -86.41 | 90.27 -0.49 -100.63 | 103.31 -0.19 -106.74 | 103.32 0.35 -98.81 | 92.47 0.56 -79.65 | 181.73 4.05 -90.41 | 127.50 -0.47 -138.63 | 107.42 -0.23 -113.63 | 104.20 -0.47 -116.80 |
| E_CANADA_MHWK_HY 24050 | 5.83 -0.08 0.00 | -14.46 -0.11 0.00 | -12.41 -0.07 0.00 | -11.65 -0.06 0.00 | -13.02 -0.07 0.00 | -12.98 -0.02 0.00 | -10.29 -0.03 0.00 | -5.68 -0.02 0.00 | -5.17 -0.02 0.00 | -5.93 -0.02 0.00 | -8.04 -0.01 0.00 | -10.21 -0.03 0.00 | -10.48 -0.01 0.00 | -5.47 0.02 0.00 | 1.13 0.01 0.00 | -2.66 -0.01 0.00 | -9.91 -0.04 0.00 | -3.24 0.00 0.00 | 4.14 -0.02 0.00 | 12.58 0.31 0.00 | 89.66 2.38 0.00 | -10.89 -0.23 0.00 | -6.10 -0.12 0.00 | -12.36 -0.23 0.00 |
| E_FISHKILL___LBMP 23776 | 56.09 0.46 -49.73 | 62.93 -0.99 -78.28 | 54.86 -0.87 -68.07 | 51.53 -0.81 -63.94 | 53.62 -0.90 -67.47 | 53.83 -0.93 -67.72 | 48.45 -0.75 -59.46 | 48.90 -0.41 -54.97 | 48.20 -0.37 -53.73 | 48.59 -0.44 -54.94 | 45.81 -0.63 -54.47 | 46.59 -0.82 -57.59 | 47.77 -0.84 -59.07 | 48.16 -0.47 -54.12 | 49.49 0.09 -48.27 | 49.05 -0.23 -51.93 | 50.18 -0.85 -60.90 | 63.18 -0.29 -66.72 | 65.23 0.34 -60.73 | 60.19 0.98 -46.94 | 147.72 7.16 -53.28 | 70.17 -0.86 -81.70 | 60.50 -0.49 -66.96 | 55.76 -0.96 -68.85 |
| FALCON___SEABRD_CC1 323796 | 5.87 -0.03 0.00 | -14.25 0.10 0.00 | -12.21 0.13 0.00 | -11.47 0.13 0.00 | -12.76 0.19 0.00 | -12.80 0.16 0.00 | -10.15 0.11 0.00 | -5.62 0.04 0.00 | -5.12 0.04 0.00 | -5.84 0.06 0.00 | -7.91 0.11 0.00 | -10.00 0.18 0.00 | -10.31 0.15 0.00 | -5.41 0.08 0.00 | 1.09 -0.02 0.00 | -2.58 0.07 0.00 | -9.57 0.30 0.00 | -3.14 0.09 0.00 | 4.03 -0.13 0.00 | 11.83 -0.44 0.00 | 84.42 -2.86 0.00 | -10.46 0.20 0.00 | -5.92 0.06 0.00 | -11.90 0.23 0.00 |

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|--------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| FALCON___SEABRD_CC2 323797 | 5.87 -0.03 0.00 | -14.25 0.10 0.00 | -12.21 0.13 0.00 | -11.47 0.13 0.00 | -12.76 0.19 0.00 | -12.80 0.16 0.00 | -10.15 0.11 0.00 | -5.62 0.04 0.00 | -5.12 0.04 0.00 | -5.84 0.06 0.00 | -7.91 0.11 0.00 | -10.00 0.18 0.00 | -10.31 0.15 0.00 | -5.41 0.08 0.00 | 1.09 -0.02 0.00 | -2.58 0.07 0.00 | -9.57 0.30 0.00 | -3.14 0.09 0.00 | 4.03 -0.13 0.00 | 11.83 -0.44 0.00 | 84.42 -2.86 0.00 | -10.46 0.20 0.00 | -5.92 0.06 0.00 | -11.90 0.23 0.00 |
| FAR ROCKAWAY___4 23548 | 55.56 0.72 -48.94 | 61.19 -1.49 -77.03 | 53.33 -1.31 -66.98 | 50.08 -1.25 -62.92 | 52.08 -1.37 -66.40 | 52.32 -1.36 -66.64 | 47.15 -1.10 -58.51 | 47.87 -0.57 -54.09 | 47.23 -0.49 -52.87 | 47.57 -0.59 -54.07 | 44.69 -0.87 -53.60 | 45.28 -1.21 -56.67 | 46.48 -1.19 -58.13 | 47.11 -0.65 -53.26 | 48.75 0.13 -47.50 | 48.13 -0.32 -51.10 | 48.89 -1.17 -59.93 | 61.99 -0.39 -65.61 | 64.14 0.53 -59.45 | 59.66 1.45 -45.95 | 149.92 10.48 -52.16 | 68.07 -1.25 -79.99 | 58.88 -0.70 -65.56 | 53.89 -1.42 -67.43 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 55.44 0.61 -48.93 | 61.36 -1.31 -77.01 | 53.49 -1.13 -66.97 | 50.25 -1.06 -62.91 | 52.25 -1.18 -66.38 | 52.45 -1.22 -66.63 | 47.26 -0.98 -58.50 | 47.89 -0.54 -54.08 | 47.21 -0.49 -52.86 | 47.56 -0.59 -54.05 | 44.74 -0.82 -53.59 | 45.40 -1.07 -56.66 | 46.54 -1.11 -58.12 | 47.13 -0.62 -53.25 | 48.74 0.13 -47.49 | 48.14 -0.30 -51.09 | 48.92 -1.12 -59.92 | 61.98 -0.38 -65.60 | 64.04 0.45 -59.43 | 59.51 1.30 -45.94 | 149.02 9.59 -52.15 | 68.14 -1.16 -79.96 | 58.90 -0.66 -65.54 | 54.00 -1.29 -67.41 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 55.39 0.56 -48.93 | 61.46 -1.20 -77.01 | 53.58 -1.05 -66.97 | 50.33 -0.98 -62.91 | 52.34 -1.10 -66.38 | 52.54 -1.13 -66.63 | 47.33 -0.91 -58.50 | 47.92 -0.50 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.55 -54.05 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.01 -0.36 -65.60 | 64.00 0.42 -59.43 | 59.40 1.19 -45.94 | 148.23 8.80 -52.15 | 68.23 -1.07 -79.96 | 58.95 -0.61 -65.54 | 54.10 -1.19 -67.41 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 55.39 0.56 -48.93 | 61.47 -1.19 -77.01 | 53.59 -1.04 -66.97 | 50.34 -0.98 -62.91 | 52.35 -1.09 -66.38 | 52.55 -1.12 -66.63 | 47.34 -0.90 -58.50 | 47.93 -0.50 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.54 -54.05 | 44.80 -0.76 -53.59 | 45.49 -0.99 -56.66 | 46.62 -1.03 -58.12 | 47.18 -0.57 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.01 -1.04 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.41 -59.43 | 59.39 1.18 -45.94 | 148.14 8.72 -52.15 | 68.24 -1.06 -79.96 | 58.96 -0.60 -65.54 | 54.11 -1.18 -67.41 |
| FARRAGUT___LBMP 323566 | 55.44 0.61 -48.93 | 61.36 -1.31 -77.01 | 53.49 -1.13 -66.97 | 50.25 -1.06 -62.91 | 52.25 -1.18 -66.38 | 52.45 -1.22 -66.63 | 47.26 -0.98 -58.50 | 47.89 -0.54 -54.08 | 47.21 -0.49 -52.86 | 47.56 -0.59 -54.05 | 44.74 -0.82 -53.59 | 45.40 -1.07 -56.66 | 46.54 -1.11 -58.12 | 47.13 -0.62 -53.25 | 48.74 0.13 -47.49 | 48.14 -0.30 -51.09 | 48.92 -1.12 -59.92 | 61.98 -0.38 -65.60 | 64.04 0.45 -59.43 | 59.51 1.30 -45.94 | 149.02 9.59 -52.15 | 68.14 -1.16 -79.96 | 58.90 -0.66 -65.54 | 54.00 -1.29 -67.41 |
| FENNER___WINDPWR 24204 | 13.46 0.07 -7.48 | -2.73 -0.16 -11.78 | -2.25 -0.15 -10.24 | -2.12 -0.15 -9.62 | -2.96 -0.17 -10.15 | -2.95 -0.18 -10.19 | -1.43 -0.12 -8.95 | 2.54 -0.07 -8.27 | 2.86 -0.07 -8.08 | 2.28 -0.09 -8.27 | 0.04 -0.12 -8.19 | -1.66 -0.14 -8.67 | -1.71 -0.13 -8.89 | 2.59 -0.07 -8.15 | 8.40 0.02 -7.26 | 5.13 -0.04 -7.82 | -0.90 -0.16 -9.14 | 6.59 -0.06 -9.88 | 13.70 0.10 -9.44 | 19.96 0.30 -7.39 | 97.59 1.93 -8.39 | 2.02 -0.18 -12.87 | 4.51 -0.06 -10.55 | -1.43 -0.14 -10.84 |
| FIBERTEK___ENERGY 23856 | 12.52 0.02 -6.61 | -4.02 -0.07 -10.40 | -3.36 -0.06 -9.04 | -3.16 -0.05 -8.49 | -4.07 -0.08 -8.96 | -4.06 -0.09 -9.00 | -2.43 -0.07 -7.90 | 1.61 -0.03 -7.30 | 1.95 -0.03 -7.14 | 1.35 -0.04 -7.30 | -0.85 -0.05 -7.23 | -2.58 -0.05 -7.65 | -2.67 -0.04 -7.84 | 1.68 -0.02 -7.19 | 7.54 0.01 -6.41 | 4.24 -0.01 -6.90 | -1.88 -0.07 -8.06 | 5.43 -0.03 -8.69 | 12.21 0.06 -7.99 | 18.70 0.17 -6.26 | 95.27 0.89 -7.11 | 0.14 -0.09 -10.90 | 2.92 -0.03 -8.93 | -3.04 -0.10 -9.18 |
| FITZPATRICK____ 23598 | 9.76 -0.14 -4.00 | -7.76 0.30 -6.29 | -6.62 0.26 -5.47 | -6.22 0.24 -5.14 | -7.27 0.26 -5.42 | -7.27 0.26 -5.44 | -5.28 0.20 -4.78 | -1.13 0.11 -4.42 | -0.74 0.10 -4.32 | -1.37 0.12 -4.41 | -3.49 0.16 -4.37 | -5.34 0.22 -4.63 | -5.49 0.23 -4.75 | -1.02 0.13 -4.35 | 4.98 -0.02 -3.88 | 1.58 0.06 -4.17 | -4.80 0.20 -4.88 | 2.09 0.07 -5.25 | 8.94 -0.07 -4.85 | 15.86 -0.21 -3.80 | 89.93 -1.67 -4.32 | -3.84 0.21 -6.62 | -0.43 0.12 -5.42 | -6.31 0.23 -5.58 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 55.81 0.51 -49.39 | 62.26 -1.13 -77.74 | 54.28 -0.98 -67.60 | 50.98 -0.92 -63.51 | 53.03 -1.03 -67.01 | 53.24 -1.06 -67.26 | 47.95 -0.85 -59.06 | 48.47 -0.47 -54.59 | 47.78 -0.42 -53.36 | 48.16 -0.50 -54.57 | 45.36 -0.70 -54.09 | 46.11 -0.91 -57.20 | 47.27 -0.93 -58.67 | 47.74 -0.52 -53.75 | 49.17 0.10 -47.94 | 48.67 -0.25 -51.57 | 49.62 -0.96 -60.45 | 62.41 -0.33 -65.97 | 64.44 0.40 -59.88 | 59.88 1.14 -46.47 | 148.31 8.28 -52.75 | 69.23 -0.99 -80.89 | 59.77 -0.55 -66.30 | 54.94 -1.09 -68.15 |
| FORT ORANGE____ 23900 | 69.95 0.36 -63.69 | 85.05 -0.85 -100.24 | 74.09 -0.73 -87.17 | 69.60 -0.68 -81.88 | 72.70 -0.76 -86.41 | 73.01 -0.75 -86.73 | 65.28 -0.61 -76.15 | 64.41 -0.33 -70.39 | 63.33 -0.32 -68.80 | 64.10 -0.35 -70.36 | 61.26 -0.46 -69.75 | 62.97 -0.59 -73.74 | 64.56 -0.62 -75.65 | 63.51 -0.31 -69.31 | 63.00 0.06 -61.81 | 63.69 -0.16 -66.50 | 66.80 -0.59 -77.26 | 77.31 -0.21 -80.76 | 76.53 0.25 -72.12 | 72.02 0.70 -59.06 | 159.66 5.35 -67.04 | 91.50 -0.63 -102.80 | 77.91 -0.36 -84.25 | 73.76 -0.72 -86.61 |
| FORT_DRUM_COGEN 23780 | 8.68 -0.11 -2.88 | -9.47 0.34 -4.54 | -8.08 0.32 -3.94 | -7.59 0.31 -3.71 | -8.69 0.35 -3.91 | -8.66 0.38 -3.93 | -6.46 0.36 -3.45 | -2.29 0.18 -3.19 | -1.87 0.17 -3.12 | -2.49 0.23 -3.18 | -4.56 0.31 -3.16 | -6.40 0.44 -3.34 | -6.62 0.43 -3.42 | -2.13 0.22 -3.14 | 3.87 -0.05 -2.80 | 0.47 0.11 -3.01 | -6.00 0.35 -3.51 | 0.72 0.10 -3.85 | 8.20 -0.04 -4.09 | 15.30 -0.16 -3.20 | 89.51 -1.40 -3.63 | -4.81 0.29 -5.57 | -1.19 0.23 -4.56 | -6.99 0.45 -4.69 |
| FPL_FAR_ROCK_GT1 24212 | 55.56 0.72 -48.94 | 61.19 -1.49 -77.03 | 53.33 -1.31 -66.98 | 50.08 -1.25 -62.92 | 52.08 -1.37 -66.40 | 52.32 -1.36 -66.64 | 47.15 -1.10 -58.51 | 47.87 -0.57 -54.09 | 47.23 -0.49 -52.87 | 47.57 -0.59 -54.07 | 44.69 -0.87 -53.60 | 45.28 -1.21 -56.67 | 46.48 -1.19 -58.13 | 47.11 -0.65 -53.26 | 48.75 0.13 -47.50 | 48.13 -0.32 -51.10 | 48.89 -1.17 -59.93 | 61.99 -0.39 -65.61 | 64.14 0.53 -59.45 | 59.66 1.45 -45.95 | 149.92 10.48 -52.16 | 68.07 -1.25 -79.99 | 58.88 -0.70 -65.56 | 53.89 -1.42 -67.43 |
| FPL_FAR_ROCK_GT2 23815 | 55.56 0.72 -48.94 | 61.19 -1.49 -77.03 | 53.33 -1.31 -66.98 | 50.08 -1.25 -62.92 | 52.08 -1.37 -66.40 | 52.32 -1.36 -66.64 | 47.15 -1.10 -58.51 | 47.87 -0.57 -54.09 | 47.23 -0.49 -52.87 | 47.57 -0.59 -54.07 | 44.69 -0.87 -53.60 | 45.28 -1.21 -56.67 | 46.48 -1.19 -58.13 | 47.11 -0.65 -53.26 | 48.75 0.13 -47.50 | 48.13 -0.32 -51.10 | 48.89 -1.17 -59.93 | 61.99 -0.39 -65.61 | 64.14 0.53 -59.45 | 59.66 1.45 -45.95 | 149.92 10.48 -52.16 | 68.07 -1.25 -79.99 | 58.88 -0.70 -65.56 | 53.89 -1.42 -67.43 |
| FRANKLIN_FALL_HYD 24054 | 5.85 -0.06 0.00 | -14.19 0.16 0.00 | -12.16 0.18 0.00 | -11.43 0.17 0.00 | -12.73 0.22 0.00 | -12.75 0.21 0.00 | -10.12 0.14 0.00 | -5.60 0.06 0.00 | -5.12 0.04 0.00 | -5.83 0.07 0.00 | -7.92 0.11 0.00 | -10.01 0.17 0.00 | -10.30 0.16 0.00 | -5.39 0.09 0.00 | 1.09 -0.03 0.00 | -2.58 0.07 0.00 | -9.56 0.31 0.00 | -3.14 0.10 0.00 | 4.03 -0.12 0.00 | 11.88 -0.38 0.00 | 84.83 -2.45 0.00 | -10.49 0.17 0.00 | -5.92 0.06 0.00 | -11.91 0.22 0.00 |

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|-----------------------------|-------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
| FREEPORT_EQUS_GT1 23764 | 55.54 0.70 -48.94 | 61.22 -1.46 -77.03 | 53.36 -1.28 -66.98 | 50.10 -1.23 -62.92 | 52.11 -1.34 -66.40 | 52.36 -1.32 -66.64 | 47.16 -1.09 -58.51 | 47.88 -0.55 -54.09 | 47.24 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.73 -0.84 -53.60 | 45.33 -1.15 -56.67 | 46.53 -1.14 -58.13 | 47.15 -0.62 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.30 -51.10 | 48.94 -1.12 -59.93 | 62.01 -0.37 -65.61 | 64.11 0.51 -59.45 | 59.60 1.38 -45.95 | 149.45 10.01 -52.16 | 68.12 -1.20 -79.99 | 58.90 -0.67 -65.56 | 53.93 -1.38 -67.43 |
| FREEPORT___CT2 23818 | 55.54 0.70 -48.94 | 61.22 -1.46 -77.03 | 53.36 -1.28 -66.98 | 50.10 -1.23 -62.92 | 52.11 -1.34 -66.40 | 52.36 -1.32 -66.64 | 47.16 -1.09 -58.51 | 47.88 -0.55 -54.09 | 47.24 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.73 -0.84 -53.60 | 45.33 -1.15 -56.67 | 46.53 -1.14 -58.13 | 47.15 -0.62 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.30 -51.10 | 48.94 -1.12 -59.93 | 62.01 -0.37 -65.61 | 64.11 0.51 -59.45 | 59.60 1.38 -45.95 | 149.45 10.01 -52.16 | 68.12 -1.20 -79.99 | 58.90 -0.67 -65.56 | 53.93 -1.38 -67.43 |
| FULTON COGEN____ 23766 | 11.02 -0.07 -5.18 | -6.04 0.15 -8.16 | -5.12 0.12 -7.10 | -4.81 0.12 -6.67 | -5.80 0.12 -7.04 | -5.79 0.11 -7.06 | -3.97 0.09 -6.20 | 0.13 0.05 -5.73 | 0.50 0.05 -5.60 | -0.12 0.06 -5.73 | -2.27 0.08 -5.68 | -4.06 0.12 -6.00 | -4.18 0.13 -6.16 | 0.24 0.08 -5.64 | 6.14 -0.01 -5.03 | 2.80 0.03 -5.42 | -3.45 0.10 -6.33 | 3.62 0.03 -6.83 | 10.48 -0.02 -6.34 | 17.17 -0.06 -4.96 | 92.37 -0.55 -5.64 | -1.94 0.09 -8.64 | 1.17 0.06 -7.08 | -4.75 0.09 -7.28 |
| FULTON___LFGE 323630 | 84.36 0.59 -77.87 | 106.99 -1.22 -122.56 | 93.19 -1.04 -106.58 | 87.55 -0.97 -100.12 | 91.62 -1.08 -105.64 | 91.94 -1.13 -106.04 | 82.00 -0.85 -93.10 | 79.92 -0.50 -86.07 | 78.50 -0.46 -84.12 | 79.67 -0.45 -86.02 | 76.71 -0.54 -85.28 | 79.34 -0.64 -90.17 | 81.39 -0.64 -92.49 | 78.94 -0.31 -84.74 | 76.76 0.06 -75.58 | 78.50 -0.15 -81.30 | 84.10 -0.65 -94.62 | 96.28 -0.26 -99.78 | 94.62 0.50 -89.96 | 86.43 1.22 -72.95 | 179.10 9.02 -82.81 | 115.28 -1.03 -126.97 | 97.55 -0.54 -104.07 | 93.79 -1.06 -106.98 |
| G.F.CEMENT___DRP 24184 | 74.57 0.34 -68.33 | 92.40 -0.80 -107.55 | 80.53 -0.64 -93.52 | 75.66 -0.59 -87.85 | 79.09 -0.67 -92.70 | 79.44 -0.64 -93.05 | 70.88 -0.56 -81.70 | 69.54 -0.33 -75.53 | 68.35 -0.31 -73.82 | 69.25 -0.34 -75.49 | 66.36 -0.44 -74.83 | 68.40 -0.55 -79.12 | 70.14 -0.55 -81.16 | 68.64 -0.23 -74.36 | 67.50 0.06 -66.32 | 68.56 -0.13 -71.34 | 72.47 -0.52 -82.87 | 82.65 -0.19 -86.07 | 78.03 0.31 -73.55 | 73.80 0.86 -60.68 | 163.21 7.06 -68.87 | 94.16 -0.79 -105.61 | 80.16 -0.42 -86.56 | 76.06 -0.80 -88.98 |
| GARDENVILLE___LBMP 24039 | 16.37 0.05 -10.41 | 1.63 -0.42 -16.39 | 1.52 -0.39 -14.25 | 1.43 -0.36 -13.39 | 0.69 -0.49 -14.13 | 0.74 -0.47 -14.18 | 1.80 -0.40 -12.45 | 5.66 -0.20 -11.52 | 5.94 -0.17 -11.26 | 5.42 -0.19 -11.51 | 3.12 -0.26 -11.41 | 1.61 -0.28 -12.07 | 1.63 -0.29 -12.38 | 5.75 -0.10 -11.33 | 11.26 0.04 -10.10 | 8.14 -0.08 -10.87 | 2.50 -0.34 -12.70 | 28.17 -0.08 -31.48 | 44.01 0.16 -39.69 | 54.94 0.43 -42.24 | 154.95 2.42 -65.25 | 14.57 -0.31 -25.55 | 7.68 -0.17 -13.83 | 1.52 -0.57 -14.22 |
| GENERAL___MILLS 23808 | 16.33 0.06 -10.37 | 1.54 -0.45 -16.33 | 1.44 -0.41 -14.20 | 1.36 -0.38 -13.34 | 0.62 -0.51 -14.08 | 0.67 -0.50 -14.13 | 1.73 -0.42 -12.41 | 5.61 -0.21 -11.48 | 5.89 -0.18 -11.23 | 5.37 -0.20 -11.48 | 3.08 -0.27 -11.38 | 1.56 -0.29 -12.03 | 1.58 -0.30 -12.34 | 5.71 -0.10 -11.30 | 11.23 0.04 -10.07 | 8.11 -0.08 -10.83 | 2.46 -0.34 -12.67 | 31.30 -0.07 -34.61 | 48.84 0.16 -44.53 | 60.72 0.45 -48.01 | 164.70 2.53 -74.89 | 16.05 -0.33 -27.04 | 7.63 -0.18 -13.79 | 1.46 -0.58 -14.17 |
| GE_PLASTICS___DRP 24183 | 68.42 0.32 -62.19 | 82.78 -0.76 -97.89 | 72.12 -0.66 -85.12 | 67.75 -0.61 -79.96 | 70.74 -0.69 -84.38 | 71.04 -0.68 -84.69 | 63.55 -0.55 -74.36 | 62.79 -0.30 -68.74 | 61.75 -0.28 -67.19 | 62.48 -0.32 -68.71 | 59.65 -0.43 -68.11 | 61.29 -0.55 -72.01 | 62.84 -0.57 -73.87 | 61.90 -0.30 -67.68 | 61.54 0.06 -60.36 | 62.14 -0.15 -64.94 | 65.17 -0.55 -75.59 | 76.47 -0.19 -79.89 | 77.22 0.23 -72.84 | 71.77 0.63 -58.88 | 158.82 4.70 -66.84 | 91.25 -0.57 -102.49 | 77.70 -0.32 -84.00 | 73.58 -0.64 -86.35 |
| GILBOA___1 23756 | 57.04 0.26 -50.87 | 65.03 -0.69 -80.07 | 56.68 -0.60 -69.63 | 53.24 -0.57 -65.41 | 55.42 -0.65 -69.02 | 55.66 -0.65 -69.28 | 50.09 -0.47 -60.83 | 50.31 -0.26 -56.23 | 49.57 -0.23 -54.96 | 50.02 -0.28 -56.20 | 47.30 -0.39 -55.71 | 48.22 -0.50 -58.91 | 49.45 -0.51 -60.43 | 49.59 -0.28 -55.36 | 50.55 0.06 -49.38 | 50.33 -0.13 -53.12 | 51.74 -0.51 -62.12 | 64.00 -0.18 -67.41 | 68.04 0.20 -63.68 | 62.69 0.54 -49.88 | 147.76 3.86 -56.62 | 75.66 -0.50 -86.82 | 64.90 -0.28 -71.16 | 60.45 -0.58 -73.15 |
| GILBOA___2 23757 | 57.04 0.26 -50.87 | 65.03 -0.69 -80.07 | 56.68 -0.60 -69.63 | 53.24 -0.57 -65.41 | 55.42 -0.65 -69.02 | 55.66 -0.65 -69.28 | 50.09 -0.47 -60.83 | 50.31 -0.26 -56.23 | 49.57 -0.23 -54.96 | 50.02 -0.28 -56.20 | 47.30 -0.39 -55.71 | 48.22 -0.50 -58.91 | 49.45 -0.51 -60.43 | 49.59 -0.28 -55.36 | 50.55 0.06 -49.38 | 50.33 -0.13 -53.12 | 51.74 -0.51 -62.12 | 64.00 -0.18 -67.41 | 68.04 0.20 -63.68 | 62.69 0.54 -49.88 | 147.76 3.86 -56.62 | 75.66 -0.50 -86.82 | 64.90 -0.28 -71.16 | 60.45 -0.58 -73.15 |
| GILBOA___3 23758 | 57.04 0.26 -50.87 | 65.03 -0.69 -80.07 | 56.68 -0.60 -69.63 | 53.24 -0.57 -65.41 | 55.42 -0.65 -69.02 | 55.66 -0.65 -69.28 | 50.09 -0.47 -60.83 | 50.31 -0.26 -56.23 | 49.57 -0.23 -54.96 | 50.02 -0.28 -56.20 | 47.30 -0.39 -55.71 | 48.22 -0.50 -58.91 | 49.45 -0.51 -60.43 | 49.59 -0.28 -55.36 | 50.55 0.06 -49.38 | 50.33 -0.13 -53.12 | 51.74 -0.51 -62.12 | 64.00 -0.18 -67.41 | 68.04 0.20 -63.68 | 62.69 0.54 -49.88 | 147.76 3.86 -56.62 | 75.66 -0.50 -86.82 | 64.90 -0.28 -71.16 | 60.45 -0.58 -73.15 |
| GILBOA___4 23759 | 57.04 0.26 -50.87 | 65.03 -0.69 -80.07 | 56.68 -0.60 -69.63 | 53.24 -0.57 -65.41 | 55.42 -0.65 -69.02 | 55.66 -0.65 -69.28 | 50.09 -0.47 -60.83 | 50.31 -0.26 -56.23 | 49.57 -0.23 -54.96 | 50.02 -0.28 -56.20 | 47.30 -0.39 -55.71 | 48.22 -0.50 -58.91 | 49.45 -0.51 -60.43 | 49.59 -0.28 -55.36 | 50.55 0.06 -49.38 | 50.33 -0.13 -53.12 | 51.74 -0.51 -62.12 | 64.00 -0.18 -67.41 | 68.04 0.20 -63.68 | 62.69 0.54 -49.88 | 147.76 3.86 -56.62 | 75.66 -0.50 -86.82 | 64.90 -0.28 -71.16 | 60.45 -0.58 -73.15 |
| GILBOA____ 23599 | 57.04 0.26 -50.87 | 65.03 -0.69 -80.07 | 56.68 -0.60 -69.63 | 53.24 -0.57 -65.41 | 55.42 -0.65 -69.02 | 55.66 -0.65 -69.28 | 50.09 -0.47 -60.83 | 50.31 -0.26 -56.23 | 49.57 -0.23 -54.96 | 50.02 -0.28 -56.20 | 47.30 -0.39 -55.71 | 48.22 -0.50 -58.91 | 49.45 -0.51 -60.43 | 49.59 -0.28 -55.36 | 50.55 0.06 -49.38 | 50.33 -0.13 -53.12 | 51.74 -0.51 -62.12 | 64.00 -0.18 -67.41 | 68.04 0.20 -63.68 | 62.69 0.54 -49.88 | 147.76 3.86 -56.62 | 75.66 -0.50 -86.82 | 64.90 -0.28 -71.16 | 60.45 -0.58 -73.15 |
| GINNA____ 23603 | 13.19 -0.27 -7.56 | -1.92 0.53 -11.90 | -1.55 0.44 -10.34 | -1.46 0.42 -9.72 | -2.26 0.43 -10.25 | -2.24 0.44 -10.29 | -0.91 0.32 -9.04 | 2.88 0.18 -8.35 | 3.18 0.17 -8.17 | 2.66 0.21 -8.35 | 0.54 0.29 -8.28 | -1.02 0.42 -8.75 | -1.06 0.43 -8.98 | 2.98 0.25 -8.22 | 8.40 -0.05 -7.33 | 5.35 0.11 -7.89 | -0.26 0.39 -9.22 | 6.83 0.14 -9.93 | 13.05 -0.15 -9.04 | 18.94 -0.41 -7.08 | 92.14 -3.18 -8.04 | 2.04 0.37 -12.33 | 4.34 0.21 -10.11 | -1.38 0.36 -10.39 |
| GLEN PARK____ 23778 | 8.82 -0.11 -3.02 | -9.26 0.33 -4.75 | -7.89 0.32 -4.13 | -7.41 0.30 -3.88 | -8.51 0.35 -4.10 | -8.48 0.37 -4.11 | -6.30 0.35 -3.61 | -2.14 0.18 -3.34 | -1.72 0.17 -3.26 | -2.33 0.24 -3.33 | -4.40 0.32 -3.31 | -6.22 0.46 -3.50 | -6.43 0.45 -3.59 | -1.97 0.23 -3.28 | 4.00 -0.05 -2.93 | 0.62 0.11 -3.15 | -5.82 0.37 -3.68 | 0.90 0.11 -4.03 | 8.34 -0.04 -4.22 | 15.42 -0.15 -3.31 | 89.77 -1.26 -3.75 | -4.64 0.27 -5.76 | -1.04 0.22 -4.72 | -6.84 0.44 -4.85 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| GLENWOOD_IC_1_G5 23712 | 55.47 0.63 -48.94 | 61.35 -1.33 -77.03 | 53.47 -1.17 -66.98 | 50.22 -1.11 -62.92 | 52.22 -1.22 -66.40 | 52.45 -1.23 -66.64 | 47.25 -1.00 -58.51 | 47.91 -0.53 -54.09 | 47.25 -0.46 -52.87 | 47.61 -0.55 -54.07 | 44.77 -0.80 -53.60 | 45.40 -1.09 -56.67 | 46.57 -1.09 -58.13 | 47.16 -0.61 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.29 -51.10 | 48.97 -1.09 -59.93 | 62.01 -0.37 -65.61 | 64.07 0.47 -59.45 | 59.52 1.31 -45.95 | 148.96 9.52 -52.16 | 68.18 -1.14 -79.99 | 58.94 -0.63 -65.56 | 54.03 -1.27 -67.43 |
| GLENWOOD_IC_2_G1 23688 | 55.43 0.58 -48.94 | 61.43 -1.25 -77.03 | 53.55 -1.09 -66.98 | 50.29 -1.04 -62.92 | 52.30 -1.15 -66.40 | 52.52 -1.16 -66.64 | 47.31 -0.94 -58.51 | 47.94 -0.50 -54.09 | 47.27 -0.44 -52.87 | 47.63 -0.53 -54.07 | 44.81 -0.76 -53.60 | 45.46 -1.03 -56.67 | 46.62 -1.04 -58.13 | 47.19 -0.58 -53.26 | 48.74 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.02 -1.04 -59.93 | 62.02 -0.36 -65.61 | 64.04 0.44 -59.45 | 59.45 1.23 -45.95 | 148.44 9.00 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.10 -1.21 -67.43 |
| GLENWOOD_IC_3_G1 23689 | 55.43 0.58 -48.94 | 61.43 -1.25 -77.03 | 53.55 -1.09 -66.98 | 50.29 -1.04 -62.92 | 52.30 -1.15 -66.40 | 52.52 -1.16 -66.64 | 47.31 -0.94 -58.51 | 47.94 -0.50 -54.09 | 47.27 -0.44 -52.87 | 47.63 -0.53 -54.07 | 44.81 -0.76 -53.60 | 45.46 -1.03 -56.67 | 46.62 -1.04 -58.13 | 47.19 -0.58 -53.26 | 48.74 0.11 -47.50 | 48.17 -0.28 -51.10 | 49.02 -1.04 -59.93 | 62.02 -0.36 -65.61 | 64.04 0.44 -59.45 | 59.45 1.23 -45.95 | 148.44 9.00 -52.16 | 68.24 -1.08 -79.99 | 58.97 -0.61 -65.56 | 54.10 -1.21 -67.43 |
| GLENWOOD___4 23550 | 55.47 0.63 -48.94 | 61.35 -1.33 -77.03 | 53.47 -1.17 -66.98 | 50.22 -1.11 -62.92 | 52.22 -1.22 -66.40 | 52.45 -1.23 -66.64 | 47.25 -1.00 -58.51 | 47.91 -0.53 -54.09 | 47.25 -0.46 -52.87 | 47.61 -0.55 -54.07 | 44.77 -0.80 -53.60 | 45.40 -1.09 -56.67 | 46.57 -1.09 -58.13 | 47.16 -0.61 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.29 -51.10 | 48.97 -1.09 -59.93 | 62.01 -0.37 -65.61 | 64.07 0.47 -59.45 | 59.52 1.31 -45.95 | 148.96 9.52 -52.16 | 68.18 -1.14 -79.99 | 58.94 -0.63 -65.56 | 54.03 -1.27 -67.43 |
| GLENWOOD___5 23614 | 55.47 0.63 -48.94 | 61.35 -1.33 -77.03 | 53.47 -1.17 -66.98 | 50.22 -1.11 -62.92 | 52.22 -1.22 -66.40 | 52.45 -1.23 -66.64 | 47.25 -1.00 -58.51 | 47.91 -0.53 -54.09 | 47.25 -0.46 -52.87 | 47.61 -0.55 -54.07 | 44.77 -0.80 -53.60 | 45.40 -1.09 -56.67 | 46.57 -1.09 -58.13 | 47.16 -0.61 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.29 -51.10 | 48.97 -1.09 -59.93 | 62.01 -0.37 -65.61 | 64.07 0.47 -59.45 | 59.52 1.31 -45.95 | 148.96 9.52 -52.16 | 68.18 -1.14 -79.99 | 58.94 -0.63 -65.56 | 54.03 -1.27 -67.43 |
| GLOBAL GREEN_PORT_GT1 23814 | 55.71 0.87 -48.94 | 60.95 -1.73 -77.03 | 53.13 -1.51 -66.98 | 49.84 -1.49 -62.92 | 51.82 -1.63 -66.40 | 52.06 -1.62 -66.64 | 46.88 -1.38 -58.51 | 47.79 -0.65 -54.09 | 47.17 -0.55 -52.87 | 47.52 -0.64 -54.07 | 44.64 -0.93 -53.60 | 45.25 -1.24 -56.67 | 46.45 -1.21 -58.13 | 47.11 -0.66 -53.26 | 48.75 0.13 -47.50 | 48.12 -0.33 -51.10 | 48.82 -1.24 -59.93 | 61.96 -0.42 -65.61 | 64.22 0.62 -59.45 | 59.87 1.66 -45.95 | 151.32 11.88 -52.16 | 67.90 -1.42 -79.99 | 58.79 -0.79 -65.56 | 53.69 -1.61 -67.43 |
| GLOBE___DSASP 323697 | 15.45 -0.12 -9.67 | 0.84 -0.03 -15.21 | 0.82 -0.07 -13.23 | 0.77 -0.06 -12.43 | 0.02 -0.14 -13.11 | 0.09 -0.11 -13.16 | 1.16 -0.14 -11.56 | 4.88 -0.05 -10.59 | 5.09 -0.04 -10.28 | 4.58 -0.03 -10.51 | 2.33 -0.06 -10.42 | 0.82 -0.02 -11.02 | 0.82 -0.02 -11.31 | 4.91 0.05 -10.35 | 10.34 0.00 -9.23 | 7.27 -0.01 -9.93 | 1.72 -0.01 -11.60 | 1.29 0.03 -4.49 | 3.16 -0.02 0.98 | 6.46 -0.02 5.78 | 72.28 -0.64 14.35 | 0.87 0.01 -11.53 | 6.65 -0.02 -12.65 | 0.62 -0.25 -13.00 |
| GOETHSLN___LBMP 323567 | 55.38 0.54 -48.93 | 61.52 -1.15 -77.01 | 53.62 -1.00 -66.97 | 50.37 -0.94 -62.91 | 52.39 -1.05 -66.38 | 52.59 -1.08 -66.63 | 47.37 -0.87 -58.50 | 47.95 -0.48 -54.08 | 47.27 -0.43 -52.86 | 47.62 -0.52 -54.05 | 44.82 -0.74 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.20 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.16 -0.27 -51.09 | 49.03 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.98 0.40 -59.43 | 59.35 1.15 -45.94 | 147.94 8.52 -52.15 | 68.26 -1.03 -79.96 | 58.97 -0.58 -65.54 | 54.14 -1.14 -67.41 |
| GOODYEAR_LAKE_HYD 323669 | 24.93 0.38 -18.64 | 14.14 -0.85 -29.34 | 12.43 -0.74 -25.51 | 11.67 -0.70 -23.96 | 11.55 -0.79 -25.29 | 11.58 -0.83 -25.38 | 11.40 -0.62 -22.29 | 14.59 -0.35 -20.60 | 14.66 -0.32 -20.14 | 14.31 -0.38 -20.59 | 11.86 -0.53 -20.41 | 10.72 -0.68 -21.58 | 10.99 -0.68 -22.14 | 14.42 -0.38 -20.29 | 19.29 0.08 -18.09 | 16.64 -0.17 -19.46 | 12.11 -0.70 -22.68 | 19.69 -0.24 -23.17 | 17.58 0.32 -13.10 | 23.99 0.81 -10.91 | 105.17 5.50 -12.39 | 7.69 -0.65 -19.00 | 9.26 -0.33 -15.57 | 3.20 -0.68 -16.01 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 27.13 0.22 -21.00 | 18.17 -0.54 -33.06 | 15.95 -0.46 -28.75 | 14.97 -0.44 -27.00 | 15.02 -0.53 -28.50 | 15.10 -0.54 -28.60 | 14.46 -0.39 -25.11 | 17.34 -0.22 -23.22 | 17.34 -0.20 -22.69 | 17.05 -0.25 -23.20 | 14.63 -0.34 -23.00 | 13.70 -0.44 -24.32 | 14.04 -0.44 -24.95 | 17.15 -0.22 -22.86 | 21.57 0.06 -20.39 | 19.18 -0.11 -21.94 | 15.30 -0.49 -25.66 | 24.32 -0.16 -27.71 | 29.08 0.27 -24.65 | 32.24 0.66 -19.31 | 113.32 4.12 -21.92 | 22.50 -0.45 -33.62 | 21.36 -0.22 -27.55 | 15.65 -0.54 -28.32 |
| GOUDEY___7 23579 | 27.13 0.22 -21.00 | 18.17 -0.55 -33.06 | 15.94 -0.47 -28.75 | 14.96 -0.44 -27.00 | 15.01 -0.54 -28.50 | 15.09 -0.55 -28.60 | 14.46 -0.40 -25.11 | 17.34 -0.22 -23.22 | 17.33 -0.20 -22.69 | 17.05 -0.25 -23.20 | 14.62 -0.35 -23.00 | 13.69 -0.45 -24.32 | 14.03 -0.45 -24.95 | 17.14 -0.23 -22.86 | 21.57 0.06 -20.39 | 19.18 -0.11 -21.94 | 15.29 -0.50 -25.66 | 24.32 -0.16 -27.71 | 29.08 0.27 -24.65 | 32.25 0.67 -19.31 | 113.41 4.21 -21.92 | 22.49 -0.46 -33.62 | 21.35 -0.23 -27.55 | 15.64 -0.56 -28.32 |
| GOUDEY___8 23580 | 27.13 0.22 -21.00 | 18.17 -0.54 -33.06 | 15.95 -0.46 -28.75 | 14.97 -0.44 -27.00 | 15.02 -0.53 -28.50 | 15.10 -0.54 -28.60 | 14.46 -0.39 -25.11 | 17.34 -0.22 -23.22 | 17.34 -0.20 -22.69 | 17.05 -0.25 -23.20 | 14.63 -0.34 -23.00 | 13.70 -0.44 -24.32 | 14.04 -0.44 -24.95 | 17.15 -0.22 -22.86 | 21.57 0.06 -20.39 | 19.18 -0.11 -21.94 | 15.30 -0.49 -25.66 | 24.32 -0.16 -27.71 | 29.08 0.27 -24.65 | 32.24 0.66 -19.31 | 113.32 4.12 -21.92 | 22.50 -0.45 -33.62 | 21.36 -0.22 -27.55 | 15.65 -0.54 -28.32 |
| GOWANUS_GT1_1 24077 | 55.39 0.55 -48.93 | 61.51 -1.16 -77.02 | 53.62 -1.01 -66.97 | 50.37 -0.95 -62.91 | 52.39 -1.05 -66.39 | 52.58 -1.09 -66.63 | 47.37 -0.88 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.52 -0.96 -56.66 | 46.65 -1.00 -58.12 | 47.20 -0.56 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.37 1.16 -45.94 | 148.06 8.64 -52.15 | 68.26 -1.05 -79.97 | 58.95 -0.62 -65.54 | 54.10 -1.19 -67.42 |
| GOWANUS_GT1_2 24078 | 55.39 0.55 -48.93 | 61.51 -1.16 -77.02 | 53.62 -1.01 -66.97 | 50.37 -0.95 -62.91 | 52.39 -1.05 -66.39 | 52.58 -1.09 -66.63 | 47.37 -0.88 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.52 -0.96 -56.66 | 46.65 -1.00 -58.12 | 47.20 -0.56 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.37 1.16 -45.94 | 148.06 8.64 -52.15 | 68.26 -1.05 -79.97 | 58.95 -0.62 -65.54 | 54.10 -1.19 -67.42 |
| GOWANUS_GT1_3 24079 | 55.39 0.55 -48.93 | 61.51 -1.16 -77.02 | 53.62 -1.01 -66.97 | 50.37 -0.95 -62.91 | 52.39 -1.05 -66.39 | 52.58 -1.09 -66.63 | 47.37 -0.88 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.52 -0.96 -56.66 | 46.65 -1.00 -58.12 | 47.20 -0.56 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.37 1.16 -45.94 | 148.06 8.64 -52.15 | 68.26 -1.05 -79.97 | 58.95 -0.62 -65.54 | 54.10 -1.19 -67.42 |

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|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| GOWANUS_GT1_4 24080 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT1_5 24084 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT1_6 24111 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT1_7 24112 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT1_8 24113 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT2_1 24114 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT2_2 24115 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT2_3 24116 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT2_4 24117 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT2_5 24118 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT2_6 24119 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT2_7 24120 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT2_8 24121 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT3_1 24122 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| GOWANUS_GT3_2 24123 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|
| GOWANUS_GT3_3 24124 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT3_4 24125 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT3_5 24126 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT3_6 24127 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT3_7 24128 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT3_8 24129 | 55.39 | 61.51 | 53.62 | 50.37 | 52.39 | 52.58 | 47.37 | 47.94 | 47.26 | 47.63 | 44.83 | 45.52 | 46.65 | 47.20 | 48.73 | 48.17 | 49.04 | 62.02 | 63.97 | 59.37 | 148.06 | 68.26 | 58.95 | 54.10 |
| | 0.55 | -1.16 | -1.01 | -0.95 | -1.05 | -1.09 | -0.88 | -0.49 | -0.44 | -0.52 | -0.73 | -0.96 | -1.00 | -0.56 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.16 | 8.64 | -1.05 | -0.62 | -1.19 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT4_1 24130 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT4_2 24131 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT4_3 24132 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT4_4 24133 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT4_5 24134 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT4_6 24135 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT4_7 24136 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GOWANUS_GT4_8 24137 | 55.39 | 61.50 | 53.61 | 50.36 | 52.38 | 52.57 | 47.36 | 47.94 | 47.26 | 47.63 | 44.83 | 45.51 | 46.65 | 47.19 | 48.73 | 48.17 | 49.03 | 62.02 | 63.97 | 59.38 | 148.11 | 68.25 | 58.94 | 54.09 |
| | 0.56 | -1.17 | -1.02 | -0.96 | -1.06 | -1.10 | -0.89 | -0.49 | -0.45 | -0.52 | -0.73 | -0.96 | -1.01 | -0.57 | 0.11 | -0.27 | -1.01 | -0.35 | 0.38 | 1.17 | 8.68 | -1.06 | -0.62 | -1.20 |
| | -48.93 | -77.02 | -66.97 | -62.91 | -66.39 | -66.63 | -58.51 | -54.08 | -52.86 | -54.06 | -53.59 | -56.66 | -58.12 | -53.25 | -47.49 | -51.09 | -59.92 | -65.60 | -59.43 | -45.94 | -52.15 | -79.97 | -65.54 | -67.42 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GREENIDGE___3 23582 | 18.92 | 5.51 | 4.93 | 4.62 | 4.10 | 4.13 | 4.80 | 8.38 | 8.58 | 8.10 | 5.80 | 4.43 | 4.55 | 8.41 | 13.68 | 10.75 | 5.50 | 13.58 | 19.68 | 24.88 | 104.44 | 9.76 | 10.93 | 4.95 |
| | 0.14 | -0.41 | -0.35 | -0.33 | -0.42 | -0.44 | -0.34 | -0.19 | -0.17 | -0.22 | -0.27 | -0.30 | -0.28 | -0.13 | 0.04 | -0.08 | -0.37 | -0.12 | 0.24 | 0.64 | 3.57 | -0.41 | -0.17 | -0.47 |
| | -12.87 | -20.27 | -17.62 | -16.55 | -17.47 | -17.53 | -15.40 | -14.23 | -13.91 | -14.22 | -14.10 | -14.91 | -15.29 | -14.03 | -12.52 | -13.47 | -15.74 | -16.93 | -15.28 | -11.97 | -13.59</ | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| GREENIDGE___4 23583 | 18.92 0.14 -12.87 | 5.51 -0.41 -20.27 | 4.93 -0.35 -17.62 | 4.62 -0.33 -16.55 | 4.10 -0.42 -17.47 | 4.13 -0.44 -17.53 | 4.80 -0.34 -15.40 | 8.38 -0.19 -14.23 | 8.58 -0.17 -13.91 | 8.10 -0.22 -14.22 | 5.80 -0.27 -14.10 | 4.43 -0.30 -14.91 | 4.55 -0.28 -15.29 | 8.41 -0.13 -14.03 | 13.68 0.04 -12.52 | 10.75 -0.08 -13.47 | 5.50 -0.37 -15.74 | 13.58 -0.12 -16.93 | 19.68 0.24 -15.28 | 24.88 0.64 -11.97 | 104.44 3.57 -13.59 | 9.76 -0.41 -20.83 | 10.93 -0.17 -17.08 | 4.95 -0.47 -17.55 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| GROVEVILLE___HYD 323602 | 55.81 0.51 -49.39 | 62.26 -1.13 -77.74 | 54.28 -0.98 -67.60 | 50.98 -0.92 -63.51 | 53.03 -1.03 -67.01 | 53.24 -1.06 -67.26 | 47.95 -0.85 -59.06 | 48.47 -0.47 -54.59 | 47.78 -0.42 -53.36 | 48.16 -0.50 -54.57 | 45.36 -0.70 -54.09 | 46.11 -0.91 -57.20 | 47.27 -0.93 -58.67 | 47.74 -0.52 -53.75 | 49.17 0.10 -47.94 | 48.67 -0.25 -51.57 | 49.62 -0.96 -60.45 | 62.41 -0.33 -65.97 | 64.44 0.40 -59.88 | 59.88 1.14 -46.47 | 148.31 8.28 -52.75 | 69.23 -0.99 -80.89 | 59.77 -0.55 -66.30 | 54.94 -1.09 -68.15 |
| HAMPSHIRE___PAPER_HYD 323593 | 6.86 -0.20 -1.15 | -11.99 0.55 -1.81 | -10.27 0.50 -1.57 | -9.66 0.46 -1.48 | -10.87 0.53 -1.56 | -10.84 0.55 -1.57 | -8.44 0.45 -1.38 | -4.16 0.23 -1.27 | -3.71 0.21 -1.24 | -4.37 0.27 -1.27 | -6.39 0.38 -1.26 | -8.34 0.51 -1.33 | -8.59 0.51 -1.37 | -3.97 0.27 -1.25 | 2.18 -0.06 -1.12 | -1.31 0.14 -1.20 | -7.97 0.51 -1.40 | -1.49 0.16 -1.59 | 6.15 -0.16 -2.16 | 13.50 -0.45 -1.69 | 86.03 -3.17 -1.92 | -7.31 0.41 -2.94 | -3.32 0.25 -2.41 | -9.11 0.54 -2.48 |
| HARDSCRABBLE_WT_PWR 323673 | 5.77 -0.13 0.00 | -14.31 0.04 0.00 | -12.28 0.06 0.00 | -11.52 0.07 0.00 | -12.86 0.08 0.00 | -12.82 0.14 0.00 | -10.16 0.10 0.00 | -5.60 0.05 0.00 | -5.11 0.04 0.00 | -5.86 0.04 0.00 | -7.97 0.06 0.00 | -10.15 0.03 0.00 | -10.43 0.04 0.00 | -5.45 0.04 0.00 | 1.12 0.00 0.00 | -2.64 0.01 0.00 | -9.85 0.03 0.00 | -3.22 0.01 0.00 | 4.11 -0.05 0.00 | 12.37 0.11 0.00 | 88.11 0.83 0.00 | -10.71 -0.04 0.00 | -6.01 -0.03 0.00 | -12.17 -0.05 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 53.12 0.48 -46.74 | 58.16 -1.06 -73.56 | 50.71 -0.91 -63.97 | 47.63 -0.86 -60.09 | 49.50 -0.96 -63.41 | 49.69 -0.99 -63.64 | 44.83 -0.79 -55.88 | 45.56 -0.44 -51.66 | 44.95 -0.39 -50.49 | 45.27 -0.46 -51.63 | 42.51 -0.64 -51.18 | 43.10 -0.83 -54.12 | 44.19 -0.86 -55.51 | 44.88 -0.50 -50.86 | 46.58 0.10 -45.36 | 45.91 -0.24 -48.80 | 46.42 -0.93 -57.22 | 58.92 -0.32 -62.48 | 60.41 0.38 -55.87 | 56.61 1.09 -43.26 | 144.20 7.83 -49.10 | 63.69 -0.94 -75.29 | 55.21 -0.52 -61.71 | 50.23 -1.04 -63.40 |
| HARZA MOOSE___RIVER 24016 | 7.27 0.00 -1.37 | -12.15 0.05 -2.15 | -10.42 0.05 -1.87 | -9.79 0.05 -1.76 | -11.04 0.05 -1.86 | -11.03 0.07 -1.86 | -8.56 0.07 -1.64 | -4.12 0.03 -1.51 | -3.65 0.03 -1.48 | -4.34 0.05 -1.51 | -6.46 0.07 -1.50 | -8.48 0.12 -1.58 | -8.72 0.12 -1.62 | -3.94 0.07 -1.49 | 2.43 -0.02 -1.33 | -1.19 0.03 -1.43 | -8.11 0.10 -1.66 | -1.30 0.03 -1.91 | 6.99 0.02 -2.82 | 14.52 0.05 -2.21 | 90.10 0.31 -2.51 | -6.80 0.02 -3.85 | -2.78 0.05 -3.15 | -8.79 0.09 -3.24 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.03 -66.97 | 50.36 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.56 -1.11 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.05 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.40 -59.43 | 59.41 1.20 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.07 -1.22 -67.42 |
| HEMPSTEAD____ 23647 | 55.49 0.65 -48.94 | 61.33 -1.35 -77.03 | 53.45 -1.19 -66.98 | 50.19 -1.14 -62.92 | 52.20 -1.25 -66.40 | 52.45 -1.24 -66.64 | 47.24 -1.02 -58.51 | 47.92 -0.52 -54.09 | 47.27 -0.44 -52.87 | 47.62 -0.54 -54.07 | 44.78 -0.79 -53.60 | 45.40 -1.08 -56.67 | 46.59 -1.08 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 49.00 -1.06 -59.93 | 62.02 -0.36 -65.61 | 64.08 0.48 -59.45 | 59.50 1.29 -45.95 | 148.83 9.39 -52.16 | 68.20 -1.13 -79.99 | 58.94 -0.63 -65.56 | 54.02 -1.29 -67.43 |
| HICKLING___1 23621 | 22.80 0.29 -16.61 | 11.09 -0.71 -26.15 | 9.79 -0.60 -22.74 | 9.19 -0.58 -21.36 | 8.87 -0.72 -22.54 | 8.93 -0.73 -22.62 | 9.08 -0.53 -19.86 | 12.41 -0.30 -18.36 | 12.51 -0.28 -17.95 | 12.09 -0.36 -18.36 | 9.68 -0.49 -18.20 | 8.46 -0.60 -19.24 | 8.67 -0.60 -19.74 | 12.42 -0.29 -18.21 | 17.54 0.09 -16.33 | 14.78 -0.14 -17.57 | 9.95 -0.71 -20.54 | 18.62 -0.23 -22.08 | 24.44 0.42 -19.86 | 28.87 1.05 -15.56 | 111.45 6.52 -17.66 | 15.73 -0.68 -27.08 | 15.91 -0.30 -22.20 | 9.88 -0.81 -22.81 |
| HICKLING___2 23622 | 22.80 0.29 -16.61 | 11.09 -0.71 -26.15 | 9.79 -0.60 -22.74 | 9.19 -0.58 -21.36 | 8.87 -0.72 -22.54 | 8.93 -0.73 -22.62 | 9.08 -0.53 -19.86 | 12.41 -0.30 -18.36 | 12.51 -0.28 -17.95 | 12.09 -0.36 -18.36 | 9.68 -0.49 -18.20 | 8.46 -0.60 -19.24 | 8.67 -0.60 -19.74 | 12.42 -0.29 -18.21 | 17.54 0.09 -16.33 | 14.78 -0.14 -17.57 | 9.95 -0.71 -20.54 | 18.62 -0.23 -22.08 | 24.44 0.42 -19.86 | 28.87 1.05 -15.56 | 111.45 6.52 -17.66 | 15.73 -0.68 -27.08 | 15.91 -0.30 -22.20 | 9.88 -0.81 -22.81 |
| HIGH FALLS___HY 23754 | 55.17 0.46 -48.80 | 61.42 -1.05 -76.81 | 53.55 -0.90 -66.79 | 50.30 -0.85 -62.74 | 52.30 -0.95 -66.21 | 52.50 -0.99 -66.45 | 47.30 -0.79 -58.35 | 47.84 -0.44 -53.94 | 47.18 -0.38 -52.72 | 47.58 -0.43 -53.91 | 44.83 -0.59 -53.44 | 45.56 -0.77 -56.51 | 46.74 -0.75 -57.97 | 47.16 -0.46 -53.11 | 48.56 0.08 -47.37 | 48.10 -0.20 -50.95 | 49.02 -0.77 -59.66 | 61.26 -0.27 -64.77 | 62.96 0.35 -58.45 | 58.94 1.05 -45.63 | 146.57 7.50 -51.80 | 67.86 -0.90 -79.42 | 58.63 -0.49 -65.09 | 53.82 -0.97 -66.91 |
| HILLBURN___GT 23639 | 53.61 0.48 -47.22 | 58.91 -1.07 -74.32 | 51.36 -0.92 -64.63 | 48.25 -0.87 -60.71 | 50.15 -0.97 -64.07 | 50.34 -1.00 -64.30 | 45.40 -0.81 -56.46 | 46.09 -0.44 -52.20 | 45.46 -0.39 -51.01 | 45.79 -0.47 -52.17 | 43.03 -0.66 -51.72 | 43.64 -0.86 -54.68 | 44.74 -0.89 -56.09 | 45.38 -0.53 -51.39 | 47.06 0.10 -45.83 | 46.40 -0.26 -49.31 | 46.98 -0.97 -57.82 | 59.60 -0.34 -63.17 | 61.20 0.38 -56.66 | 57.22 1.10 -43.85 | 144.99 7.94 -49.78 | 64.70 -0.96 -76.33 | 56.05 -0.53 -62.56 | 51.08 -1.07 -64.27 |
| HISHELDN_WT_PWR 323625 | 17.30 0.01 -11.39 | 3.30 -0.28 -17.93 | 2.96 -0.29 -15.59 | 2.79 -0.26 -14.65 | 2.14 -0.37 -15.46 | 2.19 -0.37 -15.51 | 3.06 -0.31 -13.62 | 6.78 -0.15 -12.60 | 7.02 -0.14 -12.31 | 6.50 -0.18 -12.59 | 4.21 -0.24 -12.48 | 2.78 -0.24 -13.20 | 2.84 -0.24 -13.54 | 6.80 -0.10 -12.39 | 12.20 0.04 -11.04 | 9.15 -0.08 -11.87 | 3.67 -0.34 -13.88 | 22.84 -0.08 -26.16 | 35.04 0.18 -30.70 | 43.81 0.47 -31.07 | 136.17 2.73 -46.17 | 12.89 -0.32 -23.87 | 8.95 -0.16 -15.09 | 2.88 -0.50 -15.51 |
| HOLTSVILLE_IC_1 23690 | 55.55 0.71 -48.94 | 61.28 -1.40 -77.03 | 53.39 -1.25 -66.98 | 50.10 -1.22 -62.92 | 52.13 -1.32 -66.40 | 52.38 -1.30 -66.64 | 47.16 -1.10 -58.51 | 47.91 -0.52 -54.09 | 47.29 -0.43 -52.87 | 47.64 -0.51 -54.07 | 44.80 -0.76 -53.60 | 45.43 -1.05 -56.67 | 46.64 -1.02 -58.13 | 47.21 -0.55 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.05 -1.00 -59.93 | 62.04 -0.34 -65.61 | 64.10 0.49 -59.45 | 59.47 1.25 -45.95 | 148.53 9.09 -52.16 | 68.21 -1.11 -79.99 | 58.93 -0.65 -65.56 | 53.97 -1.33 -67.43 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| HOLTSVILLE_IC_10 23699 | 55.58 0.73 -48.94 | 61.21 -1.47 -77.03 | 53.33 -1.31 -66.98 | 50.05 -1.28 -62.92 | 52.07 -1.38 -66.40 | 52.32 -1.36 -66.64 | 47.11 -1.15 -58.51 | 47.89 -0.55 -54.09 | 47.27 -0.45 -52.87 | 47.62 -0.54 -54.07 | 44.77 -0.79 -53.60 | 45.40 -1.09 -56.67 | 46.61 -1.06 -58.13 | 47.20 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.29 -51.10 | 49.01 -1.05 -59.93 | 62.02 -0.35 -65.61 | 64.12 0.52 -59.45 | 59.54 1.32 -45.95 | 149.04 9.60 -52.16 | 68.16 -1.16 -79.99 | 58.90 -0.68 -65.56 | 53.91 -1.39 -67.43 |
| HOLTSVILLE_IC_2 23691 | 55.55 0.71 -48.94 | 61.28 -1.40 -77.03 | 53.39 -1.25 -66.98 | 50.10 -1.22 -62.92 | 52.13 -1.32 -66.40 | 52.38 -1.30 -66.64 | 47.16 -1.10 -58.51 | 47.91 -0.52 -54.09 | 47.29 -0.43 -52.87 | 47.64 -0.51 -54.07 | 44.80 -0.76 -53.60 | 45.43 -1.05 -56.67 | 46.64 -1.02 -58.13 | 47.21 -0.55 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.05 -1.00 -59.93 | 62.04 -0.34 -65.61 | 64.10 0.49 -59.45 | 59.47 1.25 -45.95 | 148.53 9.09 -52.16 | 68.21 -1.11 -79.99 | 58.93 -0.65 -65.56 | 53.97 -1.33 -67.43 |
| HOLTSVILLE_IC_3 23692 | 55.55 0.71 -48.94 | 61.28 -1.40 -77.03 | 53.39 -1.25 -66.98 | 50.10 -1.22 -62.92 | 52.13 -1.32 -66.40 | 52.38 -1.30 -66.64 | 47.16 -1.10 -58.51 | 47.91 -0.52 -54.09 | 47.29 -0.43 -52.87 | 47.64 -0.51 -54.07 | 44.80 -0.76 -53.60 | 45.43 -1.05 -56.67 | 46.64 -1.02 -58.13 | 47.21 -0.55 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.05 -1.00 -59.93 | 62.04 -0.34 -65.61 | 64.10 0.49 -59.45 | 59.47 1.25 -45.95 | 148.53 9.09 -52.16 | 68.21 -1.11 -79.99 | 58.93 -0.65 -65.56 | 53.97 -1.33 -67.43 |
| HOLTSVILLE_IC_4 23693 | 55.55 0.71 -48.94 | 61.28 -1.40 -77.03 | 53.39 -1.25 -66.98 | 50.10 -1.22 -62.92 | 52.13 -1.32 -66.40 | 52.38 -1.30 -66.64 | 47.16 -1.10 -58.51 | 47.91 -0.52 -54.09 | 47.29 -0.43 -52.87 | 47.64 -0.51 -54.07 | 44.80 -0.76 -53.60 | 45.43 -1.05 -56.67 | 46.64 -1.02 -58.13 | 47.21 -0.55 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.05 -1.00 -59.93 | 62.04 -0.34 -65.61 | 64.10 0.49 -59.45 | 59.47 1.25 -45.95 | 148.53 9.09 -52.16 | 68.21 -1.11 -79.99 | 58.93 -0.65 -65.56 | 53.97 -1.33 -67.43 |
| HOLTSVILLE_IC_5 23694 | 55.55 0.71 -48.94 | 61.28 -1.40 -77.03 | 53.39 -1.25 -66.98 | 50.10 -1.22 -62.92 | 52.13 -1.32 -66.40 | 52.38 -1.30 -66.64 | 47.16 -1.10 -58.51 | 47.91 -0.52 -54.09 | 47.29 -0.43 -52.87 | 47.64 -0.51 -54.07 | 44.80 -0.76 -53.60 | 45.43 -1.05 -56.67 | 46.64 -1.02 -58.13 | 47.21 -0.55 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.05 -1.00 -59.93 | 62.04 -0.34 -65.61 | 64.10 0.49 -59.45 | 59.47 1.25 -45.95 | 148.53 9.09 -52.16 | 68.21 -1.11 -79.99 | 58.93 -0.65 -65.56 | 53.97 -1.33 -67.43 |
| HOLTSVILLE_IC_6 23695 | 55.58 0.73 -48.94 | 61.21 -1.47 -77.03 | 53.33 -1.31 -66.98 | 50.05 -1.28 -62.92 | 52.07 -1.38 -66.40 | 52.32 -1.36 -66.64 | 47.11 -1.15 -58.51 | 47.89 -0.55 -54.09 | 47.27 -0.45 -52.87 | 47.62 -0.54 -54.07 | 44.77 -0.79 -53.60 | 45.40 -1.09 -56.67 | 46.61 -1.06 -58.13 | 47.20 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.29 -51.10 | 49.01 -1.05 -59.93 | 62.02 -0.35 -65.61 | 64.12 0.52 -59.45 | 59.54 1.32 -45.95 | 149.04 9.60 -52.16 | 68.16 -1.16 -79.99 | 58.90 -0.68 -65.56 | 53.91 -1.39 -67.43 |
| HOLTSVILLE_IC_7 23696 | 55.58 0.73 -48.94 | 61.21 -1.47 -77.03 | 53.33 -1.31 -66.98 | 50.05 -1.28 -62.92 | 52.07 -1.38 -66.40 | 52.32 -1.36 -66.64 | 47.11 -1.15 -58.51 | 47.89 -0.55 -54.09 | 47.27 -0.45 -52.87 | 47.62 -0.54 -54.07 | 44.77 -0.79 -53.60 | 45.40 -1.09 -56.67 | 46.61 -1.06 -58.13 | 47.20 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.29 -51.10 | 49.01 -1.05 -59.93 | 62.02 -0.35 -65.61 | 64.12 0.52 -59.45 | 59.54 1.32 -45.95 | 149.04 9.60 -52.16 | 68.16 -1.16 -79.99 | 58.90 -0.68 -65.56 | 53.91 -1.39 -67.43 |
| HOLTSVILLE_IC_8 23697 | 55.58 0.73 -48.94 | 61.21 -1.47 -77.03 | 53.33 -1.31 -66.98 | 50.05 -1.28 -62.92 | 52.07 -1.38 -66.40 | 52.32 -1.36 -66.64 | 47.11 -1.15 -58.51 | 47.89 -0.55 -54.09 | 47.27 -0.45 -52.87 | 47.62 -0.54 -54.07 | 44.77 -0.79 -53.60 | 45.40 -1.09 -56.67 | 46.61 -1.06 -58.13 | 47.20 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.29 -51.10 | 49.01 -1.05 -59.93 | 62.02 -0.35 -65.61 | 64.12 0.52 -59.45 | 59.54 1.32 -45.95 | 149.04 9.60 -52.16 | 68.16 -1.16 -79.99 | 58.90 -0.68 -65.56 | 53.91 -1.39 -67.43 |
| HOLTSVILLE_IC_9 23698 | 55.58 0.73 -48.94 | 61.21 -1.47 -77.03 | 53.33 -1.31 -66.98 | 50.05 -1.28 -62.92 | 52.07 -1.38 -66.40 | 52.32 -1.36 -66.64 | 47.11 -1.15 -58.51 | 47.89 -0.55 -54.09 | 47.27 -0.45 -52.87 | 47.62 -0.54 -54.07 | 44.77 -0.79 -53.60 | 45.40 -1.09 -56.67 | 46.61 -1.06 -58.13 | 47.20 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.29 -51.10 | 49.01 -1.05 -59.93 | 62.02 -0.35 -65.61 | 64.12 0.52 -59.45 | 59.54 1.32 -45.95 | 149.04 9.60 -52.16 | 68.16 -1.16 -79.99 | 58.90 -0.68 -65.56 | 53.91 -1.39 -67.43 |
| HOWARD_WT_PWR 323690 | 19.78 0.19 -13.68 | 6.61 -0.57 -21.53 | 5.89 -0.48 -18.72 | 5.54 -0.45 -17.59 | 5.03 -0.58 -18.56 | 5.07 -0.60 -18.62 | 5.65 -0.45 -16.35 | 9.21 -0.26 -15.12 | 9.37 -0.25 -14.78 | 8.86 -0.35 -15.12 | 6.49 -0.47 -14.98 | 5.13 -0.53 -15.84 | 5.29 -0.49 -16.25 | 9.15 -0.25 -14.89 | 14.48 0.08 -13.28 | 11.48 -0.15 -14.28 | 6.18 -0.64 -16.70 | 19.90 -0.21 -23.34 | 28.93 0.36 -24.42 | 35.69 0.95 -22.48 | 124.08 6.08 -30.73 | 13.42 -0.60 -24.69 | 11.89 -0.23 -18.10 | 5.81 -0.66 -18.60 |
| HQ_GEN_CEDARS 23644 | 5.80 -0.10 0.00 | -14.04 0.31 0.00 | -12.07 0.28 0.00 | -11.34 0.25 0.00 | -12.65 0.30 0.00 | -12.64 0.32 0.00 | -10.02 0.24 0.00 | -5.54 0.12 0.00 | -5.05 0.10 0.00 | -5.77 0.14 0.00 | -7.83 0.20 0.00 | -9.92 0.26 0.00 | -10.21 0.26 0.00 | -5.35 0.14 0.00 | 1.09 -0.03 0.00 | -2.57 0.08 0.00 | -9.56 0.31 0.00 | -3.13 0.10 0.00 | 4.03 -0.13 0.00 | 11.93 -0.33 0.00 | 85.09 -2.19 0.00 | -10.44 0.23 0.00 | -5.87 0.11 0.00 | -11.87 0.26 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 5.80 -0.10 0.00 | -14.04 0.31 0.00 | -12.07 0.28 0.00 | -11.34 0.25 0.00 | -12.65 0.30 0.00 | -12.64 0.32 0.00 | -10.02 0.24 0.00 | -5.54 0.12 0.00 | -5.05 0.10 0.00 | -5.77 0.14 0.00 | -7.83 0.20 0.00 | -9.92 0.26 0.00 | -10.21 0.26 0.00 | -5.35 0.14 0.00 | 1.09 -0.03 0.00 | -2.57 0.08 0.00 | -9.56 0.31 0.00 | -3.13 0.10 0.00 | 4.03 -0.13 0.00 | 11.93 -0.33 0.00 | 85.09 -2.19 0.00 | -10.44 0.23 0.00 | -5.87 0.11 0.00 | -11.87 0.26 0.00 |
| HQ_GEN_IMPORT 323601 | 5.83 -0.08 0.00 | -14.15 0.20 0.00 | -12.17 0.17 0.00 | -11.43 0.16 0.00 | -12.75 0.19 0.00 | -12.76 0.20 0.00 | -10.11 0.16 0.00 | -5.58 0.08 0.00 | -5.09 0.07 0.00 | -5.81 0.09 0.00 | -7.90 0.13 0.00 | -10.02 0.16 0.00 | -10.30 0.16 0.00 | -5.40 0.08 0.00 | 1.10 -0.02 0.00 | -2.60 0.05 0.00 | -9.68 0.19 0.00 | -3.17 0.07 0.00 | 14.73 -0.09 -10.66 | 11.69 -0.23 0.34 | 85.78 -1.50 0.00 | -10.51 0.16 0.00 | -5.90 0.07 0.00 | -11.96 0.17 0.00 |
| HQ_GEN_WHEEL 23651 | 5.83 -0.08 0.00 | -14.15 0.20 0.00 | -12.17 0.17 0.00 | -11.43 0.16 0.00 | -12.75 0.19 0.00 | -12.76 0.20 0.00 | -10.11 0.16 0.00 | -5.58 0.08 0.00 | -5.09 0.07 0.00 | -5.81 0.09 0.00 | -7.90 0.13 0.00 | -10.02 0.16 0.00 | -10.30 0.16 0.00 | -5.40 0.08 0.00 | 1.10 -0.02 0.00 | -2.60 0.05 0.00 | -9.68 0.19 0.00 | -3.17 0.07 0.00 | 14.73 -0.09 -10.66 | 11.69 -0.23 0.34 | 85.78 -1.50 0.00 | -10.51 0.16 0.00 | -5.90 0.07 0.00 | -11.96 0.17 0.00 |
| HUDSON_AVE_GT_3 23810 | 55.39 0.56 -48.93 | 61.46 -1.20 -77.01 | 53.58 -1.05 -66.97 | 50.33 -0.98 -62.91 | 52.34 -1.10 -66.38 | 52.54 -1.12 -66.63 | 47.34 -0.91 -58.50 | 47.92 -0.50 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.55 -54.05 | 44.79 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.36 -65.60 | 64.00 0.42 -59.43 | 59.40 1.19 -45.94 | 148.23 8.80 -52.15 | 68.23 -1.07 -79.96 | 58.95 -0.61 -65.54 | 54.09 -1.19 -67.41 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| HUDSON AVE_GT_4 23540 | 55.39 0.56 -48.93 | 61.46 -1.20 -77.01 | 53.58 -1.05 -66.97 | 50.33 -0.98 -62.91 | 52.34 -1.10 -66.38 | 52.54 -1.12 -66.63 | 47.34 -0.91 -58.50 | 47.92 -0.50 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.55 -54.05 | 44.79 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.36 -65.60 | 64.00 0.42 -59.43 | 59.40 1.19 -45.94 | 148.23 8.80 -52.15 | 68.23 -1.07 -79.96 | 58.95 -0.61 -65.54 | 54.09 -1.19 -67.41 |
| HUDSON AVE_GT_5 23657 | 55.39 0.56 -48.93 | 61.46 -1.20 -77.01 | 53.58 -1.05 -66.97 | 50.33 -0.98 -62.91 | 52.34 -1.10 -66.38 | 52.54 -1.12 -66.63 | 47.34 -0.91 -58.50 | 47.92 -0.50 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.55 -54.05 | 44.79 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.36 -65.60 | 64.00 0.42 -59.43 | 59.40 1.19 -45.94 | 148.23 8.80 -52.15 | 68.23 -1.07 -79.96 | 58.95 -0.61 -65.54 | 54.09 -1.19 -67.41 |
| HUDSON_AVE_10 24168 | 55.38 0.55 -48.93 | 61.47 -1.20 -77.01 | 53.59 -1.04 -66.97 | 50.33 -0.98 -62.91 | 52.35 -1.09 -66.38 | 52.55 -1.12 -66.63 | 47.33 -0.91 -58.50 | 47.92 -0.50 -54.08 | 47.25 -0.46 -52.86 | 47.60 -0.55 -54.05 | 44.80 -0.76 -53.59 | 45.50 -0.98 -56.66 | 46.63 -1.03 -58.12 | 47.18 -0.57 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.37 1.17 -45.94 | 148.06 8.63 -52.15 | 68.25 -1.05 -79.96 | 58.95 -0.60 -65.54 | 54.08 -1.21 -67.41 |
| HUNTER MOUNT___DRP 323613 | 59.78 0.45 -53.42 | 68.67 -1.06 -84.09 | 59.86 -0.92 -73.12 | 56.23 -0.86 -68.69 | 58.57 -0.96 -72.48 | 58.82 -0.97 -72.75 | 52.84 -0.77 -63.88 | 52.97 -0.43 -59.05 | 52.17 -0.39 -57.71 | 52.67 -0.45 -59.02 | 49.89 -0.59 -58.51 | 50.94 -0.74 -61.86 | 52.24 -0.75 -63.46 | 52.26 -0.39 -58.14 | 53.05 0.08 -51.85 | 52.94 -0.20 -55.78 | 54.61 -0.73 -65.21 | 66.87 -0.26 -70.36 | 68.71 0.35 -64.21 | 63.85 1.00 -50.58 | 152.13 7.43 -57.42 | 76.49 -0.89 -88.04 | 65.69 -0.48 -72.16 | 61.08 -0.97 -74.18 |
| HUNTINGTON_RES_REC 323705 | 55.58 0.74 -48.94 | 61.17 -1.51 -77.03 | 53.30 -1.35 -66.98 | 50.03 -1.29 -62.92 | 52.04 -1.41 -66.40 | 52.30 -1.38 -66.64 | 47.10 -1.16 -58.51 | 47.87 -0.57 -54.09 | 47.25 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.74 -0.83 -53.60 | 45.34 -1.14 -56.67 | 46.55 -1.12 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 48.97 -1.09 -59.93 | 62.01 -0.37 -65.61 | 64.12 0.52 -59.45 | 59.57 1.36 -45.95 | 149.31 9.87 -52.16 | 68.13 -1.19 -79.99 | 58.89 -0.69 -65.56 | 53.88 -1.42 -67.43 |
| HUNTLEY___63 23557 | 15.78 0.02 -9.85 | 0.79 -0.37 -15.50 | 0.78 -0.36 -13.48 | 0.74 -0.33 -12.66 | -0.02 -0.44 -13.36 | 0.06 -0.39 -13.41 | 1.17 -0.35 -11.78 | 5.07 -0.19 -10.92 | 5.37 -0.17 -10.70 | 4.87 -0.17 -10.94 | 2.58 -0.23 -10.84 | 1.04 -0.24 -11.46 | 1.04 -0.25 -11.76 | 5.22 -0.06 -10.77 | 10.74 0.03 -9.60 | 7.61 -0.07 -10.32 | 1.93 -0.27 -12.07 | 74.12 -0.05 -77.41 | 114.91 0.11 -110.65 | 139.62 0.35 -127.01 | 296.15 2.06 -206.81 | 36.47 -0.30 -47.43 | 7.01 -0.16 -13.15 | 0.83 -0.57 -13.52 |
| HUNTLEY___64 23558 | 15.78 0.02 -9.85 | 0.79 -0.37 -15.50 | 0.78 -0.36 -13.48 | 0.74 -0.33 -12.66 | -0.02 -0.44 -13.36 | 0.06 -0.39 -13.41 | 1.17 -0.35 -11.78 | 5.07 -0.19 -10.92 | 5.37 -0.17 -10.70 | 4.87 -0.17 -10.94 | 2.58 -0.23 -10.84 | 1.04 -0.24 -11.46 | 1.04 -0.25 -11.76 | 5.22 -0.06 -10.77 | 10.74 0.03 -9.60 | 7.61 -0.07 -10.32 | 1.93 -0.27 -12.07 | 74.12 -0.05 -77.41 | 114.91 0.11 -110.65 | 139.62 0.35 -127.01 | 296.15 2.06 -206.81 | 36.47 -0.30 -47.43 | 7.01 -0.16 -13.15 | 0.83 -0.57 -13.52 |
| HUNTLEY___65 23559 | 15.78 0.02 -9.85 | 0.79 -0.37 -15.50 | 0.78 -0.36 -13.48 | 0.74 -0.33 -12.66 | -0.02 -0.44 -13.36 | 0.06 -0.39 -13.41 | 1.17 -0.35 -11.78 | 5.07 -0.19 -10.92 | 5.37 -0.17 -10.70 | 4.87 -0.17 -10.94 | 2.58 -0.23 -10.84 | 1.04 -0.24 -11.46 | 1.04 -0.25 -11.76 | 5.22 -0.06 -10.77 | 10.74 0.03 -9.60 | 7.61 -0.07 -10.32 | 1.93 -0.27 -12.07 | 74.12 -0.05 -77.41 | 114.91 0.11 -110.65 | 139.62 0.35 -127.01 | 296.15 2.06 -206.81 | 36.47 -0.30 -47.43 | 7.01 -0.16 -13.15 | 0.83 -0.57 -13.52 |
| HUNTLEY___66 23560 | 15.78 0.02 -9.85 | 0.79 -0.37 -15.50 | 0.78 -0.36 -13.48 | 0.74 -0.33 -12.66 | -0.02 -0.44 -13.36 | 0.06 -0.39 -13.41 | 1.17 -0.35 -11.78 | 5.07 -0.19 -10.92 | 5.37 -0.17 -10.70 | 4.87 -0.17 -10.94 | 2.58 -0.23 -10.84 | 1.04 -0.24 -11.46 | 1.04 -0.25 -11.76 | 5.22 -0.06 -10.77 | 10.74 0.03 -9.60 | 7.61 -0.07 -10.32 | 1.93 -0.27 -12.07 | 74.12 -0.05 -77.41 | 114.91 0.11 -110.65 | 139.62 0.35 -127.01 | 296.15 2.06 -206.81 | 36.47 -0.30 -47.43 | 7.01 -0.16 -13.15 | 0.83 -0.57 -13.52 |
| HUNTLEY___67 23561 | 15.92 -0.02 -10.03 | 1.17 -0.27 -15.79 | 1.12 -0.27 -13.73 | 1.05 -0.25 -12.90 | 0.31 -0.36 -13.61 | 0.36 -0.34 -13.66 | 1.43 -0.30 -12.00 | 5.29 -0.14 -11.09 | 5.57 -0.11 -10.84 | 5.07 -0.11 -11.09 | 2.80 -0.16 -10.99 | 1.29 -0.15 -11.62 | 1.30 -0.16 -11.92 | 5.40 -0.02 -10.92 | 10.87 0.02 -9.73 | 7.77 -0.04 -10.46 | 2.19 -0.17 -12.23 | 27.79 -0.02 -31.05 | 43.58 0.06 -39.35 | 54.49 0.21 -42.02 | 153.28 0.93 -65.07 | 14.15 -0.16 -24.97 | 7.25 -0.10 -13.33 | 1.16 -0.41 -13.70 |
| HUNTLEY___68 23562 | 15.92 -0.02 -10.03 | 1.17 -0.27 -15.79 | 1.12 -0.27 -13.73 | 1.05 -0.25 -12.90 | 0.31 -0.36 -13.61 | 0.36 -0.34 -13.66 | 1.43 -0.30 -12.00 | 5.29 -0.14 -11.09 | 5.57 -0.11 -10.84 | 5.07 -0.11 -11.09 | 2.80 -0.16 -10.99 | 1.29 -0.15 -11.62 | 1.30 -0.16 -11.92 | 5.40 -0.02 -10.92 | 10.87 0.02 -9.73 | 7.77 -0.04 -10.46 | 2.19 -0.17 -12.23 | 27.79 -0.02 -31.05 | 43.58 0.06 -39.35 | 54.49 0.21 -42.02 | 153.28 0.93 -65.07 | 14.15 -0.16 -24.97 | 7.25 -0.10 -13.33 | 1.16 -0.41 -13.70 |
| HYLAND___LFGE 323620 | 17.38 0.31 -11.17 | 2.36 -0.89 -17.59 | 2.18 -0.77 -15.30 | 2.04 -0.73 -14.37 | 1.34 -0.88 -15.16 | 1.36 -0.90 -15.22 | 2.39 -0.72 -13.36 | 6.30 -0.39 -12.36 | 6.56 -0.36 -12.07 | 6.10 -0.35 -12.35 | 3.81 -0.40 -12.24 | 2.33 -0.43 -12.94 | 2.38 -0.44 -13.28 | 6.48 -0.19 -12.15 | 12.00 0.06 -10.83 | 8.88 -0.13 -11.65 | 3.25 -0.50 -13.62 | 15.02 -0.16 -18.41 | 23.53 0.38 -18.99 | 30.55 1.06 -17.22 | 117.83 7.36 -23.19 | 8.38 -0.84 -19.89 | 8.41 -0.42 -14.81 | 2.13 -0.96 -15.22 |
| INDECK___CORINTH 23802 | 74.68 0.25 -68.52 | 92.92 -0.57 -107.85 | 80.99 -0.45 -93.79 | 76.09 -0.42 -88.10 | 79.55 -0.47 -92.97 | 79.90 -0.45 -93.31 | 71.27 -0.40 -81.93 | 69.84 -0.24 -75.74 | 68.64 -0.23 -74.03 | 69.55 -0.24 -75.70 | 66.70 -0.32 -75.04 | 68.78 -0.39 -79.35 | 70.54 -0.39 -81.39 | 68.93 -0.15 -74.57 | 67.66 0.04 -66.51 | 68.80 -0.09 -71.54 | 72.87 -0.37 -83.11 | 82.99 -0.14 -86.36 | 78.18 0.25 -73.77 | 73.77 0.68 -60.82 | 162.24 5.92 -69.04 | 94.54 -0.65 -105.86 | 80.43 -0.35 -86.76 | 76.44 -0.63 -89.19 |
| INDECK___ILION 23567 | 5.87 -0.03 0.00 | -14.38 -0.03 0.00 | -12.36 -0.02 0.00 | -11.61 -0.01 0.00 | -12.96 -0.02 0.00 | -12.96 0.00 0.00 | -10.26 -0.01 0.00 | -5.66 -0.01 0.00 | -5.16 -0.01 0.00 | -5.91 -0.01 0.00 | -8.03 0.00 0.00 | -10.19 -0.01 0.00 | -10.47 0.00 0.00 | -5.48 0.01 0.00 | 1.12 0.00 0.00 | -2.65 0.00 0.00 | -9.89 -0.01 0.00 | -3.23 0.00 0.00 | 4.15 -0.01 0.00 | 12.39 0.13 0.00 | 88.23 0.96 0.00 | -10.75 -0.08 0.00 | -6.02 -0.04 0.00 | -12.20 -0.07 0.00 |
| INDECK___OLEAN 23982 | 18.61 0.37 -12.34 | 3.89 -1.18 -19.42 | 3.55 -1.00 -16.88 | 3.34 -0.92 -15.86 | 2.67 -1.12 -16.74 | 2.73 -1.11 -16.80 | 3.74 -0.75 -14.75 | 7.59 -0.39 -13.64 | 7.82 -0.36 -13.34 | 7.23 -0.51 -13.64 | 4.72 -0.76 -13.52 | 3.06 -1.05 -14.29 | 3.09 -1.11 -14.66 | 7.36 -0.58 -13.43 | 13.24 0.15 -11.97 | 9.92 -0.31 -12.88 | 4.01 -1.17 -15.05 | 22.99 -0.34 -26.57 | 35.22 0.54 -30.52 | 43.98 1.32 -30.39 | 140.59 8.74 -44.57 | 13.37 -0.95 -24.99 | 9.79 -0.57 -16.34 | 3.26 -1.42 -16.80 |

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| INDECK___OSWEGO 23783 | 10.81 -0.10 -5.01 | -6.24 0.22 -7.88 | -5.30 0.19 -6.85 | -4.97 0.18 -6.44 | -5.96 0.19 -6.79 | -5.96 0.19 -6.82 | -4.12 0.16 -5.99 | -0.04 0.09 -5.53 | 0.33 0.08 -5.41 | -0.28 0.09 -5.53 | -2.42 0.13 -5.48 | -4.21 0.18 -5.80 | -4.33 0.18 -5.95 | 0.06 0.10 -5.45 | 5.96 -0.02 -4.86 | 2.63 0.04 -5.23 | -3.61 0.15 -6.11 | 3.41 0.05 -6.59 | 10.25 -0.04 -6.14 | 16.94 -0.13 -4.81 | 91.66 -1.07 -5.46 | -2.15 0.15 -8.37 | 0.98 0.10 -6.86 | -4.90 0.17 -7.05 |
| INDECK___YERKES 23781 | 15.79 0.03 -9.85 | 0.77 -0.39 -15.50 | 0.77 -0.37 -13.48 | 0.73 -0.34 -12.66 | -0.04 -0.46 -13.36 | 0.05 -0.41 -13.41 | 1.16 -0.36 -11.78 | 5.07 -0.19 -10.92 | 5.37 -0.17 -10.70 | 4.86 -0.17 -10.94 | 2.57 -0.24 -10.84 | 1.03 -0.25 -11.46 | 1.03 -0.26 -11.76 | 5.21 -0.07 -10.77 | 10.75 0.03 -9.60 | 7.60 -0.08 -10.32 | 1.91 -0.28 -12.07 | 74.12 -0.05 -77.41 | 114.92 0.11 -110.65 | 139.63 0.36 -127.01 | 296.24 2.15 -206.81 | 36.46 -0.31 -47.43 | 7.00 -0.17 -13.15 | 0.81 -0.58 -13.52 |
| INDIAN POINT_GT_1 24139 | 54.95 0.49 -48.56 | 61.00 -1.08 -76.42 | 53.17 -0.94 -66.46 | 49.94 -0.89 -62.43 | 51.94 -0.99 -65.87 | 52.14 -1.02 -66.12 | 46.97 -0.82 -58.06 | 47.56 -0.45 -53.67 | 46.90 -0.40 -52.45 | 47.26 -0.48 -53.64 | 44.47 -0.68 -53.17 | 45.16 -0.88 -56.22 | 46.30 -0.91 -57.67 | 46.83 -0.52 -52.84 | 48.35 0.10 -47.13 | 47.79 -0.26 -50.70 | 48.64 -0.95 -59.46 | 61.51 -0.33 -65.07 | 63.36 0.38 -58.82 | 58.84 1.10 -45.48 | 146.83 7.93 -51.62 | 67.54 -0.96 -79.16 | 58.36 -0.54 -64.88 | 53.57 -1.07 -66.77 |
| INDIAN POINT_GT_2 23659 | 54.95 0.49 -48.56 | 61.00 -1.08 -76.42 | 53.17 -0.94 -66.46 | 49.94 -0.89 -62.43 | 51.94 -0.99 -65.87 | 52.14 -1.02 -66.12 | 46.97 -0.82 -58.06 | 47.56 -0.45 -53.67 | 46.90 -0.40 -52.45 | 47.26 -0.48 -53.64 | 44.47 -0.68 -53.17 | 45.16 -0.88 -56.22 | 46.30 -0.91 -57.67 | 46.83 -0.52 -52.84 | 48.35 0.10 -47.13 | 47.79 -0.26 -50.70 | 48.64 -0.95 -59.46 | 61.51 -0.33 -65.07 | 63.36 0.38 -58.82 | 58.84 1.10 -45.48 | 146.83 7.93 -51.62 | 67.54 -0.96 -79.16 | 58.36 -0.54 -64.88 | 53.57 -1.07 -66.77 |
| INDIAN POINT_GT_3 24019 | 54.95 0.49 -48.56 | 61.00 -1.08 -76.42 | 53.17 -0.94 -66.46 | 49.94 -0.89 -62.43 | 51.94 -0.99 -65.87 | 52.14 -1.02 -66.12 | 46.97 -0.82 -58.06 | 47.56 -0.45 -53.67 | 46.90 -0.40 -52.45 | 47.26 -0.48 -53.64 | 44.47 -0.68 -53.17 | 45.16 -0.88 -56.22 | 46.30 -0.91 -57.67 | 46.83 -0.52 -52.84 | 48.35 0.10 -47.13 | 47.79 -0.26 -50.70 | 48.64 -0.95 -59.46 | 61.51 -0.33 -65.07 | 63.36 0.38 -58.82 | 58.84 1.10 -45.48 | 146.83 7.93 -51.62 | 67.54 -0.96 -79.16 | 58.36 -0.54 -64.88 | 53.57 -1.07 -66.77 |
| INDIAN POINT___2 23530 | 54.48 0.49 -48.09 | 60.27 -1.07 -75.69 | 52.54 -0.94 -65.82 | 49.35 -0.88 -61.82 | 51.31 -0.98 -65.24 | 51.51 -1.02 -65.48 | 46.42 -0.82 -57.50 | 47.05 -0.45 -53.15 | 46.39 -0.40 -51.95 | 46.74 -0.48 -53.12 | 43.97 -0.67 -52.66 | 44.63 -0.87 -55.68 | 45.75 -0.90 -57.12 | 46.32 -0.52 -52.33 | 47.90 0.10 -46.67 | 47.31 -0.26 -50.21 | 48.06 -0.95 -58.88 | 60.84 -0.33 -64.40 | 62.60 0.38 -58.06 | 58.27 1.09 -44.91 | 146.16 7.91 -50.98 | 66.55 -0.95 -78.17 | 57.55 -0.54 -64.07 | 52.82 -1.07 -66.02 |
| INDIAN POINT___3 23531 | 54.96 0.49 -48.57 | 61.03 -1.07 -76.44 | 53.20 -0.93 -66.48 | 49.97 -0.88 -62.45 | 51.97 -0.98 -65.89 | 52.17 -1.01 -66.14 | 47.00 -0.81 -58.07 | 47.58 -0.44 -53.68 | 46.92 -0.40 -52.47 | 47.28 -0.48 -53.66 | 44.49 -0.67 -53.19 | 45.19 -0.87 -56.24 | 46.32 -0.90 -57.69 | 46.85 -0.52 -52.86 | 48.36 0.10 -47.14 | 47.81 -0.26 -50.71 | 48.67 -0.94 -59.48 | 61.53 -0.32 -65.09 | 63.38 0.37 -58.85 | 58.84 1.08 -45.50 | 146.76 7.84 -51.65 | 67.58 -0.94 -79.19 | 58.39 -0.54 -64.91 | 53.55 -1.06 -66.73 |
| IP CORINTH___1 23988 | 74.71 0.29 -68.52 | 92.84 -0.66 -107.85 | 80.92 -0.52 -93.79 | 76.01 -0.49 -88.10 | 79.47 -0.54 -92.97 | 79.82 -0.52 -93.31 | 71.21 -0.47 -81.93 | 69.81 -0.27 -75.74 | 68.61 -0.26 -74.03 | 69.51 -0.28 -75.70 | 66.65 -0.36 -75.04 | 68.72 -0.45 -79.35 | 70.48 -0.45 -81.39 | 68.90 -0.18 -74.57 | 67.67 0.04 -66.51 | 68.79 -0.11 -71.54 | 72.81 -0.43 -83.11 | 82.97 -0.16 -86.36 | 78.21 0.28 -73.77 | 73.84 0.76 -60.82 | 162.75 6.44 -69.04 | 94.48 -0.72 -105.86 | 80.40 -0.38 -86.76 | 76.36 -0.70 -89.19 |
| IP___TICONDEROGA 23804 | 74.81 0.51 -68.40 | 92.04 -1.27 -107.66 | 80.31 -0.97 -93.62 | 75.44 -0.91 -87.94 | 78.84 -1.01 -92.80 | 79.19 -0.99 -93.14 | 70.63 -0.89 -81.79 | 69.42 -0.52 -75.61 | 68.26 -0.47 -73.89 | 69.16 -0.50 -75.56 | 66.20 -0.68 -74.91 | 68.14 -0.88 -79.20 | 69.86 -0.92 -81.24 | 68.60 -0.35 -74.44 | 67.61 0.10 -66.39 | 68.56 -0.21 -71.42 | 72.25 -0.83 -82.96 | 82.69 -0.25 -86.18 | 78.24 0.45 -73.63 | 74.22 1.23 -60.73 | 165.78 9.57 -68.94 | 93.99 -1.04 -105.70 | 80.11 -0.55 -86.63 | 75.86 -1.07 -89.06 |
| ISLIP_RES_REC 323679 | 55.60 0.76 -48.94 | 61.15 -1.53 -77.03 | 53.28 -1.36 -66.98 | 50.00 -1.32 -62.92 | 52.02 -1.43 -66.40 | 52.27 -1.41 -66.64 | 47.07 -1.19 -58.51 | 47.87 -0.57 -54.09 | 47.25 -0.46 -52.87 | 47.61 -0.56 -54.07 | 44.75 -0.82 -53.60 | 45.37 -1.12 -56.67 | 46.58 -1.09 -58.13 | 47.19 -0.59 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.29 -51.10 | 48.98 -1.08 -59.93 | 62.01 -0.37 -65.61 | 64.14 0.54 -59.45 | 59.61 1.39 -45.95 | 149.48 10.04 -52.16 | 68.10 -1.22 -79.99 | 58.87 -0.70 -65.56 | 53.86 -1.45 -67.43 |
| JARVIS____ 23743 | 5.89 -0.02 0.00 | -14.30 0.05 0.00 | -12.30 0.04 0.00 | -11.56 0.04 0.00 | -12.90 0.05 0.00 | -12.92 0.04 0.00 | -10.22 0.04 0.00 | -5.64 0.02 0.00 | -5.14 0.02 0.00 | -5.89 0.02 0.00 | -8.01 0.02 0.00 | -10.15 0.03 0.00 | -10.43 0.03 0.00 | -5.47 0.02 0.00 | 1.12 0.00 0.00 | -2.64 0.01 0.00 | -9.85 0.02 0.00 | -3.23 0.00 0.00 | 4.14 -0.01 0.00 | 12.24 -0.03 0.00 | 87.04 -0.24 0.00 | -10.62 0.04 0.00 | -5.95 0.03 0.00 | -12.07 0.05 0.00 |
| JENNISON___1 23625 | 28.83 0.38 -22.54 | 20.22 -0.91 -35.48 | 17.74 -0.77 -30.85 | 16.66 -0.73 -28.98 | 16.78 -0.85 -30.58 | 16.86 -0.88 -30.70 | 16.02 -0.67 -26.95 | 18.88 -0.38 -24.92 | 18.85 -0.34 -24.35 | 18.61 -0.39 -24.90 | 16.12 -0.54 -24.69 | 15.25 -0.68 -26.10 | 15.66 -0.65 -26.78 | 18.71 -0.34 -24.54 | 23.08 0.08 -21.88 | 20.73 -0.16 -23.54 | 16.97 -0.68 -27.52 | 26.01 -0.23 -29.47 | 29.98 0.36 -25.46 | 33.22 1.00 -19.95 | 116.66 6.74 -22.64 | 23.31 -0.74 -34.72 | 22.13 -0.35 -28.46 | 16.37 -0.76 -29.25 |
| JENNISON___2 23626 | 28.83 0.38 -22.54 | 20.22 -0.91 -35.48 | 17.74 -0.77 -30.85 | 16.66 -0.73 -28.98 | 16.78 -0.85 -30.58 | 16.86 -0.88 -30.70 | 16.02 -0.67 -26.95 | 18.88 -0.38 -24.92 | 18.85 -0.34 -24.35 | 18.61 -0.39 -24.90 | 16.12 -0.54 -24.69 | 15.25 -0.68 -26.10 | 15.66 -0.65 -26.78 | 18.71 -0.34 -24.54 | 23.08 0.08 -21.88 | 20.73 -0.16 -23.54 | 16.97 -0.68 -27.52 | 26.01 -0.23 -29.47 | 29.98 0.36 -25.46 | 33.22 1.00 -19.95 | 116.66 6.74 -22.64 | 23.31 -0.74 -34.72 | 22.13 -0.35 -28.46 | 16.37 -0.76 -29.25 |
| JERICHO_RISE_WT_PWR 323719 | 5.81 -0.09 0.00 | -14.12 0.22 0.00 | -12.11 0.23 0.00 | -11.38 0.22 0.00 | -12.66 0.28 0.00 | -12.69 0.27 0.00 | -10.06 0.20 0.00 | -5.57 0.09 0.00 | -5.08 0.08 0.00 | -5.79 0.11 0.00 | -7.85 0.17 0.00 | -9.94 0.24 0.00 | -10.24 0.22 0.00 | -5.37 0.12 0.00 | 1.08 -0.04 0.00 | -2.57 0.08 0.00 | -9.53 0.35 0.00 | -3.13 0.10 0.00 | 3.99 -0.17 0.00 | 11.73 -0.53 0.00 | 83.72 -3.55 0.00 | -10.40 0.27 0.00 | -5.89 0.09 0.00 | -11.84 0.29 0.00 |
| KCE_NY_1 323755 | 74.53 0.40 -68.23 | 92.09 -0.95 -107.39 | 80.25 -0.79 -93.38 | 75.39 -0.73 -87.72 | 78.80 -0.82 -92.57 | 79.14 -0.80 -92.91 | 70.65 -0.67 -81.58 | 69.38 -0.37 -75.42 | 68.20 -0.36 -73.71 | 69.08 -0.39 -75.37 | 66.18 -0.51 -74.72 | 68.19 -0.64 -79.01 | 69.91 -0.67 -81.04 | 68.47 -0.29 -74.25 | 67.41 0.06 -66.22 | 68.43 -0.16 -71.24 | 72.24 -0.63 -82.74 | 82.45 -0.23 -85.91 | 77.94 0.35 -73.44 | 73.85 0.99 -60.60 | 163.67 7.61 -68.79 | 93.96 -0.85 -105.48 | 80.00 -0.48 -86.45 | 75.82 -0.92 -88.87 |

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| KEDC PORT_JEFF_GT2 24210 | 55.57 0.73 -48.94 | 61.23 -1.45 -77.03 | 53.34 -1.29 -66.98 | 50.06 -1.26 -62.92 | 52.08 -1.37 -66.40 | 52.34 -1.34 -66.64 | 47.12 -1.13 -58.51 | 47.90 -0.54 -54.09 | 47.27 -0.44 -52.87 | 47.63 -0.53 -54.07 | 44.78 -0.79 -53.60 | 45.41 -1.08 -56.67 | 46.61 -1.05 -58.13 | 47.20 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.28 -51.10 | 49.02 -1.04 -59.93 | 62.03 -0.35 -65.61 | 64.11 0.51 -59.45 | 59.44 1.23 -45.95 | 148.35 8.91 -52.16 | 68.22 -1.09 -79.99 | 58.91 -0.67 -65.56 | 53.93 -1.38 -67.43 |
| KEDC PORT_JEFF_GT3 24211 | 55.57 0.73 -48.94 | 61.23 -1.45 -77.03 | 53.34 -1.29 -66.98 | 50.06 -1.26 -62.92 | 52.08 -1.37 -66.40 | 52.34 -1.34 -66.64 | 47.12 -1.13 -58.51 | 47.90 -0.54 -54.09 | 47.27 -0.44 -52.87 | 47.63 -0.53 -54.07 | 44.78 -0.79 -53.60 | 45.41 -1.08 -56.67 | 46.61 -1.05 -58.13 | 47.20 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.28 -51.10 | 49.02 -1.04 -59.93 | 62.03 -0.35 -65.61 | 64.11 0.51 -59.45 | 59.44 1.23 -45.95 | 148.35 8.91 -52.16 | 68.22 -1.09 -79.99 | 58.91 -0.67 -65.56 | 53.93 -1.38 -67.43 |
| KEDC_GLWD_GT4 24219 | 55.47 0.63 -48.94 | 61.35 -1.33 -77.03 | 53.47 -1.17 -66.98 | 50.22 -1.11 -62.92 | 52.22 -1.22 -66.40 | 52.45 -1.23 -66.64 | 47.25 -1.00 -58.51 | 47.91 -0.53 -54.09 | 47.25 -0.46 -52.87 | 47.61 -0.55 -54.07 | 44.77 -0.80 -53.60 | 45.40 -1.09 -56.67 | 46.57 -1.09 -58.13 | 47.16 -0.61 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.29 -51.10 | 48.97 -1.09 -59.93 | 62.01 -0.37 -65.61 | 64.07 0.47 -59.45 | 59.52 1.31 -45.95 | 148.96 9.52 -52.16 | 68.18 -1.14 -79.99 | 58.94 -0.63 -65.56 | 54.03 -1.27 -67.43 |
| KEDC_GLWD_GT5 24220 | 55.47 0.63 -48.94 | 61.35 -1.33 -77.03 | 53.47 -1.17 -66.98 | 50.22 -1.11 -62.92 | 52.22 -1.22 -66.40 | 52.45 -1.23 -66.64 | 47.25 -1.00 -58.51 | 47.91 -0.53 -54.09 | 47.25 -0.46 -52.87 | 47.61 -0.55 -54.07 | 44.77 -0.80 -53.60 | 45.40 -1.09 -56.67 | 46.57 -1.09 -58.13 | 47.16 -0.61 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.29 -51.10 | 48.97 -1.09 -59.93 | 62.01 -0.37 -65.61 | 64.07 0.47 -59.45 | 59.52 1.31 -45.95 | 148.96 9.52 -52.16 | 68.18 -1.14 -79.99 | 58.94 -0.63 -65.56 | 54.03 -1.27 -67.43 |
| KENSICO____ 23655 | 55.26 0.51 -48.85 | 61.43 -1.10 -76.88 | 53.55 -0.96 -66.86 | 50.30 -0.91 -62.80 | 52.31 -1.01 -66.27 | 52.51 -1.04 -66.52 | 47.31 -0.84 -58.40 | 47.87 -0.46 -53.99 | 47.20 -0.41 -52.77 | 47.56 -0.50 -53.96 | 44.77 -0.70 -53.50 | 45.47 -0.91 -56.56 | 46.62 -0.94 -58.02 | 47.13 -0.53 -53.16 | 48.64 0.11 -47.41 | 48.09 -0.26 -51.00 | 48.98 -0.97 -59.82 | 61.92 -0.33 -65.48 | 63.84 0.39 -59.30 | 59.21 1.11 -45.84 | 147.41 8.10 -52.03 | 68.15 -0.97 -79.79 | 58.86 -0.56 -65.39 | 54.05 -1.09 -67.27 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 52.90 0.50 -46.50 | 57.71 -1.13 -73.19 | 50.33 -0.97 -63.64 | 47.28 -0.91 -59.78 | 49.12 -1.03 -63.09 | 49.29 -1.06 -63.32 | 44.49 -0.85 -55.60 | 45.27 -0.47 -51.40 | 44.67 -0.41 -50.23 | 45.01 -0.46 -51.37 | 42.28 -0.62 -50.93 | 42.87 -0.79 -53.84 | 43.98 -0.78 -55.23 | 44.63 -0.48 -50.60 | 46.33 0.08 -45.13 | 45.70 -0.20 -48.55 | 46.19 -0.80 -56.86 | 58.17 -0.28 -61.69 | 59.46 0.39 -54.92 | 56.25 1.15 -42.83 | 144.09 8.19 -48.62 | 62.91 -0.98 -74.56 | 54.59 -0.54 -61.11 | 49.64 -1.05 -62.81 |
| KIAC_JFK_GT1 23816 | 55.38 0.55 -48.93 | 61.44 -1.22 -77.01 | 53.57 -1.06 -66.97 | 50.30 -1.01 -62.91 | 52.33 -1.10 -66.38 | 52.53 -1.13 -66.63 | 47.30 -0.94 -58.50 | 47.90 -0.52 -54.08 | 47.22 -0.48 -52.86 | 47.58 -0.57 -54.05 | 44.77 -0.79 -53.59 | 45.51 -0.96 -56.66 | 46.62 -1.03 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.07 -0.98 -59.92 | 62.02 -0.34 -65.60 | 63.97 0.38 -59.43 | 59.31 1.11 -45.94 | 147.62 8.20 -52.15 | 68.30 -0.99 -79.96 | 58.92 -0.64 -65.54 | 54.02 -1.27 -67.41 |
| KIAC_JFK_GT2 23817 | 55.38 0.55 -48.93 | 61.44 -1.22 -77.01 | 53.57 -1.06 -66.97 | 50.30 -1.01 -62.91 | 52.33 -1.10 -66.38 | 52.53 -1.13 -66.63 | 47.30 -0.94 -58.50 | 47.90 -0.52 -54.08 | 47.22 -0.48 -52.86 | 47.58 -0.57 -54.05 | 44.77 -0.79 -53.59 | 45.51 -0.96 -56.66 | 46.62 -1.03 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.07 -0.98 -59.92 | 62.02 -0.34 -65.60 | 63.97 0.38 -59.43 | 59.31 1.11 -45.94 | 147.62 8.20 -52.15 | 68.30 -0.99 -79.96 | 58.92 -0.64 -65.54 | 54.02 -1.27 -67.41 |
| KINTIGH____ 23543 | 14.49 -0.08 -8.66 | -0.80 -0.09 -13.64 | -0.59 -0.10 -11.86 | -0.55 -0.10 -11.14 | -1.36 -0.17 -11.75 | -1.32 -0.15 -11.80 | -0.06 -0.16 -10.36 | 3.85 -0.06 -9.57 | 4.16 -0.04 -9.35 | 3.63 -0.03 -9.57 | 1.40 -0.05 -9.48 | -0.16 -0.01 -10.03 | -0.19 -0.01 -10.28 | 3.97 0.04 -9.42 | 9.52 0.00 -8.39 | 6.38 -0.01 -9.03 | 0.68 -0.01 -10.56 | 2.97 0.03 -6.18 | 6.48 -0.01 -2.34 | 10.84 0.00 1.43 | 80.20 -0.40 6.68 | 0.87 0.00 -11.54 | 5.54 -0.02 -11.53 | -0.48 -0.21 -11.86 |
| LACHUTE____HYDRO 323717 | 74.81 0.51 -68.40 | 92.04 -1.27 -107.66 | 80.31 -0.97 -93.62 | 75.44 -0.91 -87.94 | 78.84 -1.01 -92.80 | 79.19 -0.99 -93.14 | 70.63 -0.89 -81.79 | 69.42 -0.52 -75.61 | 68.26 -0.47 -73.89 | 69.16 -0.50 -75.56 | 66.20 -0.68 -74.91 | 68.14 -0.88 -79.20 | 69.86 -0.92 -81.24 | 68.60 -0.35 -74.44 | 67.61 0.10 -66.39 | 68.56 -0.21 -71.42 | 72.25 -0.83 -82.96 | 82.69 -0.25 -86.18 | 78.24 0.45 -73.63 | 74.22 1.23 -60.73 | 165.78 9.57 -68.94 | 93.99 -1.04 -105.70 | 80.11 -0.55 -86.63 | 75.86 -1.07 -89.06 |
| LEDERLE____ 23769 | 53.99 0.51 -47.57 | 59.39 -1.14 -74.88 | 51.78 -0.99 -65.11 | 48.63 -0.93 -61.16 | 50.55 -1.04 -64.54 | 50.74 -1.08 -64.78 | 45.76 -0.87 -56.88 | 46.45 -0.48 -52.58 | 45.81 -0.43 -51.39 | 46.15 -0.50 -52.56 | 43.36 -0.71 -52.10 | 43.99 -0.92 -55.09 | 45.09 -0.95 -56.51 | 45.73 -0.55 -51.77 | 47.41 0.11 -46.17 | 46.75 -0.27 -49.67 | 47.36 -1.01 -58.25 | 60.08 -0.35 -63.66 | 61.80 0.41 -57.23 | 57.72 1.18 -44.28 | 146.00 8.46 -50.26 | 65.39 -1.02 -77.07 | 56.62 -0.57 -63.17 | 51.64 -1.14 -64.90 |
| LINDEN COGEN____ 23786 | 55.37 0.54 -48.93 | 61.52 -1.14 -77.01 | 53.63 -1.00 -66.97 | 50.37 -0.94 -62.91 | 52.39 -1.04 -66.38 | 52.59 -1.07 -66.63 | 47.38 -0.87 -58.50 | 47.95 -0.48 -54.08 | 47.27 -0.43 -52.86 | 47.63 -0.52 -54.05 | 44.83 -0.73 -53.59 | 45.52 -0.96 -56.66 | 46.65 -1.00 -58.12 | 47.20 -0.56 -53.25 | 48.72 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.01 -0.35 -65.60 | 63.98 0.39 -59.43 | 59.35 1.14 -45.94 | 147.94 8.51 -52.15 | 68.27 -1.03 -79.96 | 58.97 -0.59 -65.54 | 54.15 -1.14 -67.41 |
| LIPA_MISC_IPP 23656 | 55.54 0.70 -48.94 | 61.31 -1.37 -77.03 | 53.43 -1.21 -66.98 | 50.13 -1.20 -62.92 | 52.15 -1.30 -66.40 | 52.40 -1.28 -66.64 | 47.16 -1.09 -58.51 | 47.94 -0.50 -54.09 | 47.31 -0.40 -52.87 | 47.67 -0.49 -54.07 | 44.85 -0.72 -53.60 | 45.49 -0.96 -56.67 | 46.71 -0.96 -58.13 | 47.25 -0.52 -53.26 | 48.73 0.11 -47.50 | 48.19 -0.26 -51.10 | 49.10 -0.96 -59.93 | 62.05 -0.32 -65.61 | 64.08 0.48 -59.45 | 59.45 1.24 -45.95 | 148.43 8.99 -52.16 | 68.23 -1.08 -79.99 | 58.95 -0.63 -65.56 | 54.01 -1.29 -67.43 |
| LISF____SOLAR 323691 | 55.55 0.70 -48.94 | 61.31 -1.37 -77.03 | 53.43 -1.21 -66.98 | 50.12 -1.20 -62.92 | 52.15 -1.30 -66.40 | 52.40 -1.28 -66.64 | 47.16 -1.09 -58.51 | 47.94 -0.50 -54.09 | 47.31 -0.40 -52.87 | 47.68 -0.48 -54.07 | 44.85 -0.72 -53.60 | 45.50 -0.99 -56.67 | 46.71 -0.95 -58.13 | 47.25 -0.52 -53.26 | 48.72 0.10 -47.50 | 48.19 -0.26 -51.10 | 49.10 -0.96 -59.93 | 62.05 -0.32 -65.61 | 64.09 0.49 -59.45 | 59.46 1.25 -45.95 | 148.52 9.08 -52.16 | 68.22 -1.10 -79.99 | 58.95 -0.63 -65.56 | 54.01 -1.30 -67.43 |
| LITTLE FALLS____HYD 24013 | 5.83 -0.08 0.00 | -14.46 -0.11 0.00 | -12.41 -0.07 0.00 | -11.65 -0.06 0.00 | -13.02 -0.07 0.00 | -12.98 -0.02 0.00 | -10.29 -0.03 0.00 | -5.68 -0.02 0.00 | -5.17 -0.02 0.00 | -5.93 -0.02 0.00 | -8.04 -0.01 0.00 | -10.21 -0.03 0.00 | -10.48 -0.01 0.00 | -5.47 0.02 0.00 | 1.13 0.01 0.00 | -2.66 -0.01 0.00 | -9.91 -0.04 0.00 | -3.24 0.00 0.00 | 4.14 -0.02 0.00 | 12.58 0.31 0.00 | 89.66 2.38 0.00 | -10.89 -0.23 0.00 | -6.10 -0.12 0.00 | -12.36 -0.23 0.00 |

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|---------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| LI_NEWBRIDGE___DRP 323616 | 55.51 0.66 -48.94 | 61.32 -1.36 -77.03 | 53.43 -1.21 -66.98 | 50.17 -1.16 -62.92 | 52.18 -1.26 -66.40 | 52.43 -1.25 -66.64 | 47.22 -1.04 -58.51 | 47.92 -0.52 -54.09 | 47.28 -0.44 -52.87 | 47.63 -0.53 -54.07 | 44.78 -0.79 -53.60 | 45.40 -1.09 -56.67 | 46.59 -1.07 -58.13 | 47.18 -0.59 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.28 -51.10 | 49.02 -1.04 -59.93 | 62.03 -0.35 -65.61 | 64.08 0.48 -59.45 | 59.49 1.27 -45.95 | 148.73 9.29 -52.16 | 68.20 -1.12 -79.99 | 58.94 -0.63 -65.56 | 54.01 -1.29 -67.43 |
| LOCKPORT___CC1 323769 | 15.43 -0.03 -9.56 | 0.46 -0.24 -15.05 | 0.49 -0.25 -13.09 | 0.46 -0.23 -12.29 | -0.31 -0.34 -12.97 | -0.25 -0.31 -13.02 | 0.89 -0.28 -11.43 | 4.80 -0.12 -10.58 | 5.12 -0.07 -10.35 | 4.63 -0.05 -10.58 | 2.38 -0.08 -10.49 | 0.88 -0.04 -11.10 | 0.88 -0.04 -11.38 | 4.99 0.06 -10.42 | 10.41 0.00 -9.29 | 7.33 -0.02 -9.99 | 1.76 -0.05 -11.68 | 25.28 0.02 -28.50 | 40.00 0.01 -35.83 | 50.36 0.07 -38.03 | 145.97 0.04 -58.65 | 12.56 -0.07 -23.30 | 6.71 -0.05 -12.73 | 0.61 -0.35 -13.09 |
| LOCKPORT___CC2 323770 | 15.43 -0.03 -9.56 | 0.46 -0.24 -15.05 | 0.49 -0.25 -13.09 | 0.46 -0.23 -12.29 | -0.31 -0.34 -12.97 | -0.25 -0.31 -13.02 | 0.89 -0.28 -11.43 | 4.80 -0.12 -10.58 | 5.12 -0.07 -10.35 | 4.63 -0.05 -10.58 | 2.38 -0.08 -10.49 | 0.88 -0.04 -11.10 | 0.88 -0.04 -11.38 | 4.99 0.06 -10.42 | 10.41 0.00 -9.29 | 7.33 -0.02 -9.99 | 1.76 -0.05 -11.68 | 25.28 0.02 -28.50 | 40.00 0.01 -35.83 | 50.36 0.07 -38.03 | 145.97 0.04 -58.65 | 12.56 -0.07 -23.30 | 6.71 -0.05 -12.73 | 0.61 -0.35 -13.09 |
| LOCKPORT___CC3 323771 | 15.43 -0.03 -9.56 | 0.46 -0.24 -15.05 | 0.49 -0.25 -13.09 | 0.46 -0.23 -12.29 | -0.31 -0.34 -12.97 | -0.25 -0.31 -13.02 | 0.89 -0.28 -11.43 | 4.80 -0.12 -10.58 | 5.12 -0.07 -10.35 | 4.63 -0.05 -10.58 | 2.38 -0.08 -10.49 | 0.88 -0.04 -11.10 | 0.88 -0.04 -11.38 | 4.99 0.06 -10.42 | 10.41 0.00 -9.29 | 7.33 -0.02 -9.99 | 1.76 -0.05 -11.68 | 25.28 0.02 -28.50 | 40.00 0.01 -35.83 | 50.36 0.07 -38.03 | 145.97 0.04 -58.65 | 12.56 -0.07 -23.30 | 6.71 -0.05 -12.73 | 0.61 -0.35 -13.09 |
| LONG_LAKE_PHOENIX 24014 | 11.02 -0.07 -5.18 | -6.04 0.15 -8.16 | -5.12 0.12 -7.10 | -4.81 0.12 -6.67 | -5.80 0.12 -7.04 | -5.79 0.11 -7.06 | -3.97 0.09 -6.20 | 0.13 0.05 -5.73 | 0.50 0.05 -5.60 | -0.12 0.06 -5.73 | -2.27 0.08 -5.68 | -4.06 0.12 -6.00 | -4.18 0.13 -6.16 | 0.24 0.08 -5.64 | 6.14 -0.01 -5.03 | 2.80 0.03 -5.42 | -3.45 0.10 -6.33 | 3.62 0.03 -6.83 | 10.48 -0.02 -6.34 | 17.17 -0.06 -4.96 | 92.37 -0.55 -5.64 | -1.94 0.09 -8.64 | 1.17 0.06 -7.08 | -4.75 0.09 -7.28 |
| LOVETT___3 23632 | 54.11 0.48 -47.72 | 59.70 -1.07 -75.11 | 52.04 -0.94 -65.32 | 48.88 -0.88 -61.36 | 50.82 -0.98 -64.75 | 51.01 -1.02 -64.99 | 45.98 -0.82 -57.06 | 46.64 -0.45 -52.75 | 46.00 -0.40 -51.56 | 46.34 -0.48 -52.72 | 43.57 -0.67 -52.27 | 44.21 -0.87 -55.26 | 45.33 -0.89 -56.69 | 45.93 -0.52 -51.94 | 47.55 0.10 -46.32 | 46.92 -0.26 -49.83 | 47.61 -0.95 -58.43 | 60.31 -0.33 -63.88 | 62.01 0.38 -57.47 | 57.82 1.09 -44.46 | 145.67 7.92 -50.47 | 65.77 -0.95 -77.40 | 56.91 -0.54 -63.43 | 51.98 -1.07 -65.18 |
| LOVETT___4 23642 | 54.11 0.48 -47.72 | 59.70 -1.07 -75.11 | 52.04 -0.94 -65.32 | 48.88 -0.88 -61.36 | 50.82 -0.98 -64.75 | 51.01 -1.02 -64.99 | 45.98 -0.82 -57.06 | 46.64 -0.45 -52.75 | 46.00 -0.40 -51.56 | 46.34 -0.48 -52.72 | 43.57 -0.67 -52.27 | 44.21 -0.87 -55.26 | 45.33 -0.89 -56.69 | 45.93 -0.52 -51.94 | 47.55 0.10 -46.32 | 46.92 -0.26 -49.83 | 47.61 -0.95 -58.43 | 60.31 -0.33 -63.88 | 62.01 0.38 -57.47 | 57.82 1.09 -44.46 | 145.67 7.92 -50.47 | 65.77 -0.95 -77.40 | 56.91 -0.54 -63.43 | 51.98 -1.07 -65.18 |
| LOVETT___5 23593 | 54.11 0.48 -47.72 | 59.70 -1.07 -75.11 | 52.04 -0.94 -65.32 | 48.88 -0.88 -61.36 | 50.82 -0.98 -64.75 | 51.01 -1.02 -64.99 | 45.98 -0.82 -57.06 | 46.64 -0.45 -52.75 | 46.00 -0.40 -51.56 | 46.34 -0.48 -52.72 | 43.57 -0.67 -52.27 | 44.21 -0.87 -55.26 | 45.33 -0.89 -56.69 | 45.93 -0.52 -51.94 | 47.55 0.10 -46.32 | 46.92 -0.26 -49.83 | 47.61 -0.95 -58.43 | 60.31 -0.33 -63.88 | 62.01 0.38 -57.47 | 57.82 1.09 -44.46 | 145.67 7.92 -50.47 | 65.77 -0.95 -77.40 | 56.91 -0.54 -63.43 | 51.98 -1.07 -65.18 |
| LOWER RAQUET___HYD 24057 | 5.63 -0.27 0.00 | -13.64 0.71 0.00 | -11.71 0.63 0.00 | -11.01 0.58 0.00 | -12.27 0.68 0.00 | -12.27 0.69 0.00 | -9.72 0.54 0.00 | -5.38 0.28 0.00 | -4.91 0.24 0.00 | -5.60 0.30 0.00 | -7.59 0.44 0.00 | -9.61 0.57 0.00 | -9.89 0.58 0.00 | -5.18 0.31 0.00 | 1.05 -0.07 0.00 | -2.48 0.16 0.00 | -9.25 0.62 0.00 | -3.03 0.20 0.00 | 3.91 -0.24 0.00 | 11.61 -0.66 0.00 | 82.74 -4.54 0.00 | -10.15 0.52 0.00 | -5.69 0.28 0.00 | -11.49 0.63 0.00 |
| LOWER___HUDSON 24059 | 72.57 0.35 -66.32 | 89.22 -0.82 -104.38 | 77.74 -0.69 -90.77 | 73.03 -0.64 -85.27 | 76.32 -0.71 -89.98 | 76.67 -0.68 -90.31 | 68.47 -0.57 -79.30 | 67.33 -0.31 -73.31 | 66.19 -0.30 -71.65 | 67.03 -0.33 -73.26 | 64.17 -0.43 -72.63 | 66.07 -0.54 -76.79 | 67.74 -0.57 -78.78 | 66.42 -0.26 -72.17 | 65.55 0.05 -64.37 | 66.45 -0.14 -69.24 | 69.94 -0.54 -80.35 | 79.66 -0.20 -83.10 | 76.00 0.27 -71.57 | 72.34 0.73 -59.36 | 160.50 5.85 -67.37 | 91.98 -0.66 -103.31 | 78.31 -0.38 -84.67 | 74.16 -0.76 -87.04 |
| LWR___OSWEGATCHIE_HYD 23850 | 6.86 -0.20 -1.15 | -11.99 0.55 -1.81 | -10.27 0.50 -1.57 | -9.66 0.46 -1.48 | -10.87 0.53 -1.56 | -10.84 0.55 -1.57 | -8.44 0.45 -1.38 | -4.16 0.23 -1.27 | -3.71 0.21 -1.24 | -4.37 0.27 -1.27 | -6.39 0.38 -1.26 | -8.34 0.51 -1.33 | -8.59 0.51 -1.37 | -3.97 0.27 -1.25 | 2.18 -0.06 -1.12 | -1.31 0.14 -1.20 | -7.97 0.51 -1.40 | -1.49 0.16 -1.59 | 6.15 -0.16 -2.16 | 13.50 -0.45 -1.69 | 86.03 -3.17 -1.92 | -7.31 0.41 -2.94 | -3.32 0.25 -2.41 | -9.11 0.54 -2.48 |
| LYONS_FALL_HYD 23570 | 7.27 0.00 -1.37 | -12.15 0.05 -2.15 | -10.42 0.05 -1.87 | -9.79 0.05 -1.76 | -11.04 0.05 -1.86 | -11.03 0.07 -1.86 | -8.56 0.07 -1.64 | -4.12 0.03 -1.51 | -3.65 0.03 -1.48 | -4.34 0.05 -1.51 | -6.46 0.07 -1.50 | -8.48 0.12 -1.58 | -8.72 0.12 -1.62 | -3.94 0.07 -1.49 | 2.43 -0.02 -1.33 | -1.19 0.03 -1.43 | -8.11 0.10 -1.66 | -1.30 0.03 -1.91 | 6.99 0.02 -2.82 | 14.52 0.05 -2.21 | 90.10 0.31 -2.51 | -6.80 0.02 -3.85 | -2.78 0.05 -3.15 | -8.79 0.09 -3.24 |
| MADISON___COUNTY_LFGE 323628 | 9.14 0.09 -3.15 | -9.60 -0.21 -4.96 | -8.22 -0.18 -4.31 | -7.72 -0.17 -4.05 | -8.87 -0.20 -4.27 | -8.88 -0.21 -4.29 | -6.65 -0.15 -3.76 | -2.27 -0.09 -3.48 | -1.84 -0.08 -3.40 | -2.51 -0.09 -3.48 | -4.70 -0.12 -3.45 | -6.67 -0.14 -3.65 | -6.85 -0.13 -3.74 | -2.12 -0.06 -3.43 | 4.19 0.02 -3.06 | 0.61 -0.03 -3.29 | -6.18 -0.15 -3.84 | 0.94 -0.05 -4.23 | 8.98 0.11 -4.72 | 16.28 0.32 -3.70 | 93.62 2.15 -4.19 | -4.45 -0.21 -6.43 | -0.80 -0.09 -5.27 | -6.89 -0.18 -5.42 |
| MAPLE_RIDGE_WT_1 323574 | 3.76 -0.04 2.11 | -17.42 0.24 3.32 | -15.02 0.21 2.88 | -14.10 0.20 2.71 | -15.53 0.28 2.86 | -15.56 0.27 2.87 | -12.53 0.25 2.52 | -7.84 0.14 2.33 | -7.31 0.13 2.28 | -8.12 0.12 2.33 | -10.22 0.12 2.31 | -12.50 0.12 2.44 | -12.86 0.12 2.51 | -7.74 0.05 2.29 | -0.94 -0.01 2.04 | -4.82 0.03 2.20 | -12.38 0.10 2.61 | -5.94 0.04 2.74 | 4.12 -0.03 0.00 | 12.11 -0.15 0.00 | 85.87 -1.41 0.00 | -10.39 0.27 0.00 | -5.79 0.18 0.00 | -11.73 0.40 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 3.76 -0.04 2.11 | -17.42 0.24 3.32 | -15.02 0.21 2.88 | -14.10 0.20 2.71 | -15.53 0.28 2.86 | -15.56 0.27 2.87 | -12.53 0.25 2.52 | -7.84 0.14 2.33 | -7.31 0.13 2.28 | -8.12 0.12 2.33 | -10.22 0.12 2.31 | -12.50 0.12 2.44 | -12.86 0.12 2.51 | -7.74 0.05 2.29 | -0.94 -0.01 2.04 | -4.82 0.03 2.20 | -12.38 0.10 2.61 | -5.94 0.04 2.74 | 4.12 -0.03 0.00 | 12.11 -0.15 0.00 | 85.87 -1.41 0.00 | -10.39 0.27 0.00 | -5.79 0.18 0.00 | -11.73 0.40 0.00 |

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|--------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| MARBLE_RIVER_WT_PWR 323696 | 5.82 -0.08 0.00 | -14.14 0.21 0.00 | -12.12 0.22 0.00 | -11.38 0.21 0.00 | -12.67 0.28 0.00 | -12.70 0.26 0.00 | -10.07 0.19 0.00 | -5.57 0.09 0.00 | -5.08 0.08 0.00 | -5.80 0.11 0.00 | -7.86 0.17 0.00 | -9.94 0.24 0.00 | -10.24 0.22 0.00 | -5.37 0.12 0.00 | 1.09 -0.03 0.00 | -2.57 0.08 0.00 | -9.53 0.35 0.00 | -3.13 0.11 0.00 | 4.00 -0.16 0.00 | 11.73 -0.53 0.00 | 83.65 -3.63 0.00 | -10.37 0.30 0.00 | -5.87 0.11 0.00 | -11.81 0.31 0.00 |
| MARSH_HILL_WT_PWR 323713 | 19.57 0.19 -13.47 | 6.30 -0.56 -21.20 | 5.62 -0.48 -18.44 | 5.28 -0.45 -17.32 | 4.75 -0.58 -18.28 | 4.78 -0.60 -18.34 | 5.40 -0.44 -16.11 | 8.98 -0.25 -14.89 | 9.15 -0.25 -14.56 | 8.64 -0.34 -14.89 | 6.27 -0.46 -14.76 | 4.90 -0.52 -15.60 | 5.05 -0.49 -16.01 | 8.92 -0.25 -14.66 | 14.27 0.08 -13.07 | 11.27 -0.15 -14.06 | 5.93 -0.63 -16.44 | 19.98 -0.20 -23.42 | 29.24 0.36 -24.73 | 36.15 0.94 -22.95 | 124.80 5.91 -31.61 | 13.27 -0.59 -24.53 | 11.61 -0.23 -17.82 | 5.53 -0.66 -18.31 |
| MG_INDUSTRY___DRP 24185 | 68.19 0.29 -61.99 | 82.52 -0.71 -97.57 | 71.88 -0.62 -84.85 | 67.52 -0.59 -79.71 | 70.50 -0.66 -84.11 | 70.80 -0.66 -84.42 | 63.34 -0.52 -74.12 | 62.58 -0.28 -68.52 | 61.55 -0.26 -66.97 | 62.28 -0.30 -68.49 | 59.45 -0.42 -67.89 | 61.08 -0.53 -71.79 | 62.62 -0.55 -73.63 | 61.68 -0.29 -67.46 | 61.35 0.06 -60.17 | 61.94 -0.14 -64.73 | 65.00 -0.53 -75.41 | 76.70 -0.19 -80.12 | 78.31 0.22 -73.93 | 72.29 0.60 -59.42 | 159.05 4.31 -67.46 | 92.23 -0.54 -103.43 | 78.50 -0.29 -84.78 | 74.42 -0.60 -87.15 |
| MID___OSWEGATCHIE_HYD 23849 | 6.86 -0.20 -1.15 | -11.99 0.55 -1.81 | -10.27 0.50 -1.57 | -9.66 0.46 -1.48 | -10.87 0.53 -1.56 | -10.84 0.55 -1.57 | -8.44 0.45 -1.38 | -4.16 0.23 -1.27 | -3.71 0.21 -1.24 | -4.37 0.27 -1.27 | -6.39 0.38 -1.26 | -8.34 0.51 -1.33 | -8.59 0.51 -1.37 | -3.97 0.27 -1.25 | 2.18 -0.06 -1.12 | -1.31 0.14 -1.20 | -7.97 0.51 -1.40 | -1.49 0.16 -1.59 | 6.15 -0.16 -2.16 | 13.50 -0.45 -1.69 | 86.03 -3.17 -1.92 | -7.31 0.41 -2.94 | -3.32 0.25 -2.41 | -9.11 0.54 -2.48 |
| MID___RAQUETTE_HYD 23851 | 5.63 -0.27 0.00 | -13.64 0.71 0.00 | -11.71 0.63 0.00 | -11.01 0.58 0.00 | -12.27 0.68 0.00 | -12.27 0.69 0.00 | -9.72 0.54 0.00 | -5.38 0.28 0.00 | -4.91 0.24 0.00 | -5.60 0.30 0.00 | -7.59 0.44 0.00 | -9.61 0.57 0.00 | -9.89 0.58 0.00 | -5.18 0.31 0.00 | 1.05 -0.07 0.00 | -2.48 0.16 0.00 | -9.25 0.62 0.00 | -3.03 0.20 0.00 | 3.91 -0.24 0.00 | 11.61 -0.66 0.00 | 82.74 -4.54 0.00 | -10.15 0.52 0.00 | -5.69 0.28 0.00 | -11.49 0.63 0.00 |
| MILLIKEN___1 23584 | 19.20 0.19 -13.10 | 5.80 -0.48 -20.62 | 5.19 -0.40 -17.94 | 4.87 -0.38 -16.85 | 4.37 -0.46 -17.78 | 4.40 -0.48 -17.84 | 5.05 -0.36 -15.67 | 8.62 -0.20 -14.49 | 8.82 -0.18 -14.16 | 8.36 -0.22 -14.48 | 6.06 -0.26 -14.35 | 4.72 -0.28 -15.17 | 4.83 -0.27 -15.57 | 8.64 -0.15 -14.27 | 13.88 0.03 -12.73 | 10.97 -0.07 -13.70 | 5.81 -0.32 -16.01 | 13.87 -0.11 -17.21 | 19.87 0.21 -15.51 | 25.02 0.61 -12.15 | 104.89 3.83 -13.79 | 10.04 -0.44 -21.14 | 11.14 -0.20 -17.33 | 5.23 -0.45 -17.81 |
| MILLIKEN___2 23585 | 19.20 0.19 -13.10 | 5.80 -0.48 -20.62 | 5.19 -0.40 -17.94 | 4.87 -0.38 -16.85 | 4.37 -0.46 -17.78 | 4.40 -0.48 -17.84 | 5.05 -0.36 -15.67 | 8.62 -0.20 -14.49 | 8.82 -0.18 -14.16 | 8.36 -0.22 -14.48 | 6.06 -0.26 -14.35 | 4.72 -0.28 -15.17 | 4.83 -0.27 -15.57 | 8.64 -0.15 -14.27 | 13.88 0.03 -12.73 | 10.97 -0.07 -13.70 | 5.81 -0.32 -16.01 | 13.87 -0.11 -17.21 | 19.87 0.21 -15.51 | 25.02 0.61 -12.15 | 104.89 3.83 -13.79 | 10.04 -0.44 -21.14 | 11.14 -0.20 -17.33 | 5.23 -0.45 -17.81 |
| MILLIKEN___DIESEL 23629 | 19.20 0.19 -13.10 | 5.80 -0.48 -20.62 | 5.19 -0.40 -17.94 | 4.87 -0.38 -16.85 | 4.37 -0.46 -17.78 | 4.40 -0.48 -17.84 | 5.05 -0.36 -15.67 | 8.62 -0.20 -14.49 | 8.82 -0.18 -14.16 | 8.36 -0.22 -14.48 | 6.06 -0.26 -14.35 | 4.72 -0.28 -15.17 | 4.83 -0.27 -15.57 | 8.64 -0.15 -14.27 | 13.88 0.03 -12.73 | 10.97 -0.07 -13.70 | 5.81 -0.32 -16.01 | 13.87 -0.11 -17.21 | 19.87 0.21 -15.51 | 25.02 0.61 -12.15 | 104.89 3.83 -13.79 | 10.04 -0.44 -21.14 | 11.14 -0.20 -17.33 | 5.23 -0.45 -17.81 |
| MILLSEAT___LFGE 323607 | 15.16 0.05 -9.20 | -0.25 -0.39 -14.48 | -0.12 -0.37 -12.59 | -0.11 -0.34 -11.83 | -0.93 -0.46 -12.48 | -0.86 -0.43 -12.53 | 0.36 -0.38 -11.00 | 4.35 -0.18 -10.18 | 4.68 -0.13 -9.96 | 4.18 -0.10 -10.19 | 1.93 -0.13 -10.10 | 0.40 -0.10 -10.68 | 0.39 -0.10 -10.95 | 4.57 0.03 -10.03 | 10.07 0.00 -8.94 | 6.94 -0.03 -9.62 | 1.23 -0.14 -11.24 | 24.29 -0.01 -27.53 | 38.88 0.07 -34.65 | 49.32 0.25 -36.81 | 145.42 1.36 -56.78 | 11.60 -0.22 -22.48 | 6.17 -0.12 -12.27 | 0.01 -0.48 -12.61 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 55.10 0.50 -48.71 | 61.23 -1.09 -76.66 | 53.37 -0.95 -66.66 | 50.13 -0.89 -62.62 | 52.14 -0.99 -66.08 | 52.34 -1.02 -66.32 | 47.15 -0.82 -58.23 | 47.73 -0.45 -53.83 | 47.05 -0.40 -52.62 | 47.42 -0.49 -53.81 | 44.63 -0.68 -53.34 | 45.33 -0.89 -56.39 | 46.47 -0.92 -57.85 | 46.99 -0.52 -53.00 | 48.50 0.10 -47.27 | 47.95 -0.26 -50.85 | 48.82 -0.95 -59.64 | 61.72 -0.33 -65.28 | 63.60 0.38 -59.06 | 59.02 1.10 -45.66 | 147.05 7.95 -51.83 | 67.86 -0.96 -79.48 | 58.62 -0.54 -65.14 | 53.82 -1.07 -67.02 |
| MODEL_CITY_ENERGY 24167 | 15.44 -0.07 -9.61 | 0.69 -0.10 -15.13 | 0.68 -0.14 -13.16 | 0.64 -0.13 -12.36 | -0.12 -0.22 -13.04 | -0.05 -0.18 -13.09 | 1.05 -0.18 -11.49 | 4.93 -0.06 -10.64 | 5.26 0.00 -10.41 | 4.78 0.04 -10.65 | 2.57 0.04 -10.56 | 1.10 0.12 -11.16 | 1.11 0.12 -11.45 | 5.15 0.16 -10.48 | 10.45 -0.02 -9.35 | 7.43 0.03 -10.05 | 1.99 0.11 -11.75 | 21.39 0.07 -24.55 | 33.82 -0.06 -29.73 | 42.86 -0.14 -30.74 | 132.29 -1.44 -46.46 | 10.87 0.11 -21.43 | 6.88 0.04 -12.81 | 0.85 -0.19 -13.17 |
| MODERN_LFGE___ 323580 | 15.44 -0.07 -9.61 | 0.69 -0.10 -15.13 | 0.68 -0.14 -13.16 | 0.64 -0.13 -12.36 | -0.12 -0.22 -13.04 | -0.05 -0.18 -13.09 | 1.05 -0.18 -11.49 | 4.93 -0.06 -10.64 | 5.26 0.00 -10.41 | 4.78 0.04 -10.65 | 2.57 0.04 -10.56 | 1.10 0.12 -11.16 | 1.11 0.12 -11.45 | 5.15 0.16 -10.48 | 10.45 -0.02 -9.35 | 7.43 0.03 -10.05 | 1.99 0.11 -11.75 | 21.39 0.07 -24.55 | 33.82 -0.06 -29.73 | 42.86 -0.14 -30.74 | 132.29 -1.44 -46.46 | 10.87 0.11 -21.43 | 6.88 0.04 -12.81 | 0.85 -0.19 -13.17 |
| MOHAWK_PAPER___DRP 24187 | 71.35 0.39 -65.06 | 87.18 -0.88 -102.40 | 75.95 -0.75 -89.04 | 71.34 -0.70 -83.65 | 74.54 -0.78 -88.26 | 74.87 -0.76 -88.59 | 66.90 -0.62 -77.79 | 65.91 -0.34 -71.91 | 64.80 -0.33 -70.28 | 65.60 -0.36 -71.87 | 62.74 -0.48 -71.25 | 64.55 -0.60 -75.33 | 66.18 -0.63 -77.28 | 65.01 -0.30 -70.80 | 64.33 0.06 -63.15 | 65.12 -0.16 -67.93 | 68.40 -0.60 -78.87 | 78.54 -0.22 -81.99 | 76.47 0.27 -72.04 | 72.38 0.75 -59.36 | 160.54 5.88 -67.38 | 91.97 -0.68 -103.32 | 78.31 -0.39 -84.69 | 74.15 -0.78 -87.06 |
| MONGAUP___HYD 23641 | 52.12 0.42 -45.79 | 56.78 -0.94 -72.07 | 49.51 -0.81 -62.67 | 46.51 -0.77 -58.87 | 48.32 -0.86 -62.12 | 48.52 -0.87 -62.35 | 43.94 -0.55 -54.75 | 44.66 -0.30 -50.61 | 44.06 -0.25 -49.47 | 44.39 -0.30 -50.59 | 41.64 -0.48 -50.15 | 42.17 -0.67 -53.02 | 43.20 -0.73 -54.39 | 44.00 -0.34 -49.83 | 45.64 0.08 -44.44 | 44.98 -0.19 -47.81 | 45.48 -0.70 -56.05 | 57.70 -0.21 -61.14 | 58.75 0.25 -54.34 | 55.11 0.76 -42.09 | 140.57 5.51 -47.78 | 61.92 -0.68 -73.26 | 53.65 -0.42 -60.04 | 48.67 -0.90 -61.70 |
| MONTAUK___DIESEL 23721 | 55.71 0.87 -48.94 | 60.95 -1.73 -77.03 | 53.13 -1.51 -66.98 | 49.83 -1.49 -62.92 | 51.81 -1.63 -66.40 | 52.06 -1.62 -66.64 | 46.88 -1.38 -58.51 | 47.79 -0.65 -54.09 | 47.17 -0.54 -52.87 | 47.52 -0.64 -54.07 | 44.63 -0.93 -53.60 | 45.24 -1.25 -56.67 | 46.45 -1.22 -58.13 | 47.11 -0.66 -53.26 | 48.75 0.13 -47.50 | 48.12 -0.33 -51.10 | 48.82 -1.24 -59.93 | 61.96 -0.42 -65.61 | 64.22 0.62 -59.45 | 59.87 1.66 -45.95 | 151.57 12.13 -52.16 | 67.87 -1.45 -79.99 | 58.77 -0.81 -65.56 | 53.66 -1.65 -67.43 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 55.38 0.54 -48.93 | 61.51 -1.16 -77.02 | 53.62 -1.01 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.07 -66.39 | 52.58 -1.09 -66.64 | 47.37 -0.88 -58.51 | 47.95 -0.48 -54.09 | 47.27 -0.44 -52.86 | 47.63 -0.52 -54.06 | 44.82 -0.74 -53.59 | 45.52 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.20 -0.56 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.02 -59.92 | 62.02 -0.35 -65.60 | 64.00 0.40 -59.44 | 59.37 1.16 -45.95 | 147.99 8.55 -52.15 | 68.27 -1.03 -79.97 | 58.98 -0.59 -65.55 | 54.14 -1.15 -67.42 |
| MUNSVILLE_WIND_PWR 323609 | 26.44 0.47 -20.07 | 16.11 -1.13 -31.59 | 14.16 -0.96 -27.46 | 13.32 -0.89 -25.80 | 13.24 -1.03 -27.23 | 13.30 -1.06 -27.33 | 12.93 -0.80 -23.99 | 16.04 -0.48 -22.18 | 16.10 -0.43 -21.68 | 15.82 -0.45 -22.17 | 13.31 -0.64 -21.98 | 12.28 -0.77 -23.24 | 12.67 -0.70 -23.84 | 15.98 -0.38 -21.84 | 20.69 0.08 -19.48 | 18.13 -0.18 -20.96 | 13.86 -0.77 -24.50 | 22.76 -0.26 -26.26 | 27.49 0.44 -22.89 | 31.50 1.30 -17.94 | 116.44 8.80 -20.36 | 19.64 -0.91 -31.22 | 19.23 -0.38 -25.59 | 13.37 -0.80 -26.30 |
| N SALMON___HYD 24042 | 5.85 -0.06 0.00 | -14.19 0.16 0.00 | -12.16 0.18 0.00 | -11.43 0.17 0.00 | -12.73 0.22 0.00 | -12.75 0.21 0.00 | -10.12 0.14 0.00 | -5.60 0.06 0.00 | -5.12 0.04 0.00 | -5.83 0.07 0.00 | -7.92 0.11 0.00 | -10.01 0.17 0.00 | -10.30 0.16 0.00 | -5.39 0.09 0.00 | 1.09 -0.03 0.00 | -2.58 0.07 0.00 | -9.56 0.31 0.00 | -3.14 0.10 0.00 | 4.03 -0.12 0.00 | 11.88 -0.38 0.00 | 84.83 -2.45 0.00 | -10.49 0.17 0.00 | -5.92 0.06 0.00 | -11.91 0.22 0.00 |
| N.E._GEN_SANDY PD 24062 | 62.96 0.37 -56.68 | 75.19 -0.86 -90.40 | 65.54 -0.73 -78.61 | 61.57 -0.68 -73.85 | 64.23 -0.76 -77.93 | 64.51 -0.74 -78.22 | 57.80 -0.62 -68.68 | 57.49 -0.34 -63.49 | 56.58 -0.32 -62.05 | 57.19 -0.36 -63.45 | 54.38 -0.50 -62.90 | 55.69 -0.64 -66.51 | 57.10 -0.66 -68.22 | 55.71 -0.34 -61.55 | 55.68 0.07 -54.49 | 57.15 -0.18 -59.97 | 57.87 -0.64 -68.39 | 61.18 -0.23 -64.64 | 74.01 0.25 -69.60 | 65.09 0.71 -52.11 | 152.42 5.60 -59.54 | 79.98 -0.66 -91.30 | 68.47 -0.38 -74.83 | 64.04 -0.76 -76.93 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 54.06 0.49 -47.66 | 59.57 -1.09 -75.01 | 51.93 -0.96 -65.23 | 48.78 -0.90 -61.27 | 50.71 -1.00 -64.66 | 50.90 -1.03 -64.90 | 45.89 -0.83 -56.98 | 46.56 -0.46 -52.68 | 45.92 -0.41 -51.48 | 46.26 -0.48 -52.65 | 43.49 -0.68 -52.19 | 44.12 -0.88 -55.19 | 45.23 -0.91 -56.61 | 45.85 -0.53 -51.86 | 47.48 0.11 -46.26 | 46.85 -0.26 -49.76 | 47.51 -0.98 -58.35 | 60.21 -0.34 -63.79 | 61.92 0.39 -57.36 | 57.77 1.12 -44.38 | 145.76 8.10 -50.38 | 65.61 -0.97 -77.26 | 56.79 -0.55 -63.32 | 51.84 -1.09 -65.06 |
| NARROWS_GT1_1 24228 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT1_2 24229 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT1_3 24230 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT1_4 24231 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT1_5 24232 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT1_6 24233 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT1_7 24234 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT1_8 24235 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT2_1 24236 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT2_2 24237 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |

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|---------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| NARROWS_GT2_3 24238 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT2_4 24239 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT2_5 24240 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT2_6 24241 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT2_7 24242 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NARROWS_GT2_8 24243 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 59.78 0.45 -53.42 | 68.67 -1.06 -84.09 | 59.86 -0.92 -73.12 | 56.23 -0.86 -68.69 | 58.57 -0.96 -72.48 | 58.82 -0.97 -72.75 | 52.84 -0.77 -63.88 | 52.97 -0.43 -59.05 | 52.17 -0.39 -57.71 | 52.67 -0.45 -59.02 | 49.89 -0.59 -58.51 | 50.94 -0.74 -61.86 | 52.24 -0.75 -63.46 | 52.26 -0.39 -58.14 | 53.05 0.08 -51.85 | 52.94 -0.20 -55.78 | 54.61 -0.73 -65.21 | 66.87 -0.26 -70.36 | 68.71 0.35 -64.21 | 63.85 1.00 -50.58 | 152.13 7.43 -57.42 | 76.49 -0.89 -88.04 | 65.69 -0.48 -72.16 | 61.08 -0.97 -74.18 |
| NEG CAPITAL___MECHNVIL 23645 | 73.99 0.41 -67.68 | 91.21 -0.96 -106.52 | 79.48 -0.80 -92.63 | 74.67 -0.75 -87.01 | 78.03 -0.84 -91.82 | 78.38 -0.82 -92.16 | 69.99 -0.67 -80.92 | 68.77 -0.38 -74.81 | 67.59 -0.36 -73.11 | 68.46 -0.40 -74.76 | 65.56 -0.53 -74.12 | 67.53 -0.65 -78.37 | 69.25 -0.67 -80.39 | 67.86 -0.31 -73.65 | 66.87 0.07 -65.69 | 67.85 -0.17 -70.66 | 71.53 -0.65 -82.05 | 81.60 -0.24 -85.07 | 77.32 0.35 -72.81 | 73.43 0.97 -60.19 | 163.18 7.58 -68.33 | 93.25 -0.86 -104.77 | 79.41 -0.48 -85.87 | 75.22 -0.93 -88.28 |
| NEG CENTRAL_HIGH_ACRES 23767 | 13.38 -0.12 -7.60 | -2.24 0.15 -11.96 | -1.82 0.12 -10.40 | -1.71 0.12 -9.77 | -2.54 0.09 -10.31 | -2.52 0.10 -10.35 | -1.13 0.04 -9.09 | 2.78 0.04 -8.40 | 3.09 0.04 -8.21 | 2.55 0.05 -8.40 | 0.37 0.08 -8.33 | -1.24 0.14 -8.80 | -1.29 0.14 -9.03 | 2.88 0.10 -8.27 | 8.48 -0.02 -7.38 | 5.32 0.03 -7.93 | -0.48 0.12 -9.28 | 6.80 0.05 -9.99 | 13.22 -0.03 -9.10 | 19.33 -0.06 -7.13 | 94.58 -0.78 -8.09 | 1.82 0.08 -12.41 | 4.24 0.05 -10.17 | -1.64 0.03 -10.45 |
| NEG CENTRAL___DRP 24199 | 14.46 0.09 -8.46 | -1.30 -0.26 -13.32 | -0.99 -0.23 -11.58 | -0.94 -0.22 -10.88 | -1.75 -0.28 -11.48 | -1.74 -0.29 -11.52 | -0.37 -0.23 -10.12 | 3.57 -0.13 -9.35 | 3.88 -0.11 -9.14 | 3.30 -0.14 -9.35 | 1.07 -0.16 -9.27 | -0.55 -0.17 -9.80 | -0.58 -0.16 -10.05 | 3.65 -0.07 -9.21 | 9.36 0.02 -8.22 | 6.15 -0.04 -8.84 | 0.25 -0.21 -10.33 | 7.82 -0.07 -11.12 | 14.44 0.15 -10.13 | 20.62 0.42 -7.94 | 98.59 2.31 -9.01 | 2.88 -0.27 -13.81 | 5.22 -0.12 -11.32 | -0.80 -0.31 -11.63 |
| NEG CENTRAL___INDECK 23768 | 17.31 0.22 -11.19 | 2.59 -0.68 -17.61 | 2.38 -0.59 -15.32 | 2.23 -0.57 -14.39 | 1.55 -0.69 -15.18 | 1.58 -0.70 -15.24 | 2.56 -0.56 -13.38 | 6.40 -0.31 -12.37 | 6.65 -0.29 -12.09 | 6.15 -0.31 -12.36 | 3.85 -0.38 -12.26 | 2.36 -0.42 -12.96 | 2.41 -0.42 -13.30 | 6.49 -0.18 -12.17 | 12.02 0.05 -10.85 | 8.90 -0.12 -11.67 | 3.28 -0.48 -13.64 | 15.06 -0.15 -18.44 | 23.50 0.30 -19.04 | 30.40 0.87 -17.26 | 116.35 5.82 -23.25 | 8.60 -0.66 -19.92 | 8.53 -0.32 -14.83 | 2.33 -0.78 -15.24 |
| NEG CENTRAL___SENECA 23627 | 15.42 0.12 -9.40 | 0.09 -0.35 -14.79 | 0.21 -0.31 -12.86 | 0.20 -0.29 -12.08 | -0.57 -0.37 -12.75 | -0.55 -0.38 -12.79 | 0.68 -0.30 -11.23 | 4.56 -0.16 -10.39 | 4.85 -0.15 -10.15 | 4.29 -0.18 -10.38 | 2.03 -0.23 -10.29 | 0.45 -0.24 -10.88 | 0.46 -0.23 -11.16 | 4.64 -0.10 -10.23 | 10.28 0.03 -9.13 | 7.11 -0.06 -9.82 | 1.31 -0.30 -11.48 | 9.02 -0.09 -12.35 | 15.57 0.20 -11.21 | 21.59 0.54 -8.78 | 100.31 3.06 -9.97 | 4.27 -0.35 -15.28 | 6.40 -0.15 -12.53 | 0.34 -0.41 -12.87 |
| NEG CENTRAL___STATE_STREET 24147 | 14.30 0.14 -8.25 | -1.75 -0.39 -12.99 | -1.36 -0.31 -11.30 | -1.30 -0.31 -10.61 | -2.14 -0.39 -11.20 | -2.13 -0.40 -11.24 | -0.70 -0.31 -9.87 | 3.30 -0.17 -9.12 | 3.63 -0.13 -8.92 | 3.03 -0.18 -9.12 | 0.81 -0.20 -9.04 | -0.86 -0.24 -9.56 | -0.90 -0.24 -9.80 | 3.37 -0.13 -8.98 | 9.15 0.02 -8.01 | 5.91 -0.07 -8.62 | -0.05 -0.25 -10.08 | 7.52 -0.09 -10.85 | 14.21 0.17 -9.89 | 20.50 0.49 -7.75 | 98.71 2.64 -8.79 | 2.48 -0.33 -13.48 | 4.90 -0.17 -11.05 | -1.12 -0.35 -11.36 |
| NEG MILLWOOD___DRP 24198 | 56.00 0.53 -49.57 | 62.49 -1.17 -78.01 | 54.48 -1.02 -67.84 | 51.18 -0.95 -63.73 | 53.24 -1.06 -67.25 | 53.44 -1.09 -67.50 | 48.12 -0.89 -59.27 | 48.64 -0.49 -54.78 | 47.95 -0.44 -53.55 | 48.33 -0.52 -54.76 | 45.52 -0.74 -54.28 | 46.26 -0.96 -57.39 | 47.43 -0.98 -58.87 | 47.91 -0.54 -53.94 | 49.34 0.11 -48.11 | 48.84 -0.27 -51.75 | 49.80 -1.00 -60.67 | 62.73 -0.34 -66.31 | 64.82 0.41 -60.25 | 60.15 1.19 -46.69 | 148.93 8.65 -53.00 | 69.57 -1.04 -81.27 | 60.06 -0.57 -66.61 | 55.23 -1.13 -68.49 |
| NEG NORTH_FLCN_SEA 23793 | 5.87 -0.03 0.00 | -14.25 0.10 0.00 | -12.21 0.13 0.00 | -11.47 0.13 0.00 | -12.76 0.19 0.00 | -12.80 0.16 0.00 | -10.15 0.11 0.00 | -5.62 0.04 0.00 | -5.12 0.04 0.00 | -5.84 0.06 0.00 | -7.91 0.11 0.00 | -10.00 0.18 0.00 | -10.31 0.15 0.00 | -5.41 0.08 0.00 | 1.09 -0.02 0.00 | -2.58 0.07 0.00 | -9.57 0.30 0.00 | -3.14 0.09 0.00 | 4.03 -0.13 0.00 | 11.83 -0.44 0.00 | 84.42 -2.86 0.00 | -10.46 0.20 0.00 | -5.92 0.06 0.00 | -11.90 0.23 0.00 |

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| NEG NORTH_KES_CHATEGAY 23792 | 5.83 -0.07 0.00 | -14.17 0.18 0.00 | -12.15 0.19 0.00 | -11.41 0.18 0.00 | -12.71 0.24 0.00 | -12.73 0.23 0.00 | -10.09 0.17 0.00 | -5.59 0.07 0.00 | -5.09 0.06 0.00 | -5.81 0.10 0.00 | -7.88 0.15 0.00 | -9.96 0.22 0.00 | -10.26 0.20 0.00 | -5.37 0.12 0.00 | 1.08 -0.03 0.00 | -2.57 0.08 0.00 | -9.53 0.35 0.00 | -3.13 0.10 0.00 | 4.00 -0.15 0.00 | 11.78 -0.48 0.00 | 84.13 -3.15 0.00 | -10.44 0.22 0.00 | -5.91 0.07 0.00 | -11.88 0.24 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 5.88 -0.02 0.00 | -14.27 0.07 0.00 | -12.23 0.11 0.00 | -11.49 0.11 0.00 | -12.79 0.16 0.00 | -12.82 0.14 0.00 | -10.17 0.09 0.00 | -5.63 0.03 0.00 | -5.14 0.02 0.00 | -5.86 0.05 0.00 | -7.93 0.10 0.00 | -10.02 0.16 0.00 | -10.33 0.14 0.00 | -5.42 0.06 0.00 | 1.10 -0.02 0.00 | -2.58 0.07 0.00 | -9.58 0.29 0.00 | -3.15 0.09 0.00 | 4.04 -0.12 0.00 | 11.87 -0.39 0.00 | 84.74 -2.53 0.00 | -10.50 0.16 0.00 | -5.94 0.04 0.00 | -11.93 0.19 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 5.88 -0.02 0.00 | -14.27 0.07 0.00 | -12.23 0.11 0.00 | -11.49 0.11 0.00 | -12.79 0.16 0.00 | -12.82 0.14 0.00 | -10.17 0.09 0.00 | -5.63 0.03 0.00 | -5.14 0.02 0.00 | -5.86 0.05 0.00 | -7.93 0.10 0.00 | -10.02 0.16 0.00 | -10.33 0.14 0.00 | -5.42 0.06 0.00 | 1.10 -0.02 0.00 | -2.58 0.07 0.00 | -9.58 0.29 0.00 | -3.15 0.09 0.00 | 4.04 -0.12 0.00 | 11.87 -0.39 0.00 | 84.74 -2.53 0.00 | -10.50 0.16 0.00 | -5.94 0.04 0.00 | -11.93 0.19 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 5.88 -0.02 0.00 | -14.27 0.07 0.00 | -12.23 0.11 0.00 | -11.49 0.11 0.00 | -12.79 0.16 0.00 | -12.82 0.14 0.00 | -10.17 0.09 0.00 | -5.63 0.03 0.00 | -5.14 0.02 0.00 | -5.86 0.05 0.00 | -7.93 0.10 0.00 | -10.02 0.16 0.00 | -10.33 0.14 0.00 | -5.42 0.06 0.00 | 1.10 -0.02 0.00 | -2.58 0.07 0.00 | -9.58 0.29 0.00 | -3.15 0.09 0.00 | 4.04 -0.12 0.00 | 11.87 -0.39 0.00 | 84.74 -2.53 0.00 | -10.50 0.16 0.00 | -5.94 0.04 0.00 | -11.93 0.19 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 15.43 -0.03 -9.56 | 0.46 -0.24 -15.05 | 0.49 -0.25 -13.09 | 0.46 -0.23 -12.29 | -0.31 -0.34 -12.97 | -0.25 -0.31 -13.02 | 0.89 -0.28 -11.43 | 4.80 -0.12 -10.58 | 5.12 -0.07 -10.35 | 4.63 -0.05 -10.58 | 2.38 -0.08 -10.49 | 0.88 -0.04 -11.10 | 0.88 -0.04 -11.38 | 4.99 0.06 -10.42 | 10.41 0.00 -9.29 | 7.33 -0.02 -9.99 | 1.76 -0.05 -11.68 | 25.28 0.02 -28.50 | 40.00 0.01 -35.83 | 50.36 0.07 -38.03 | 145.97 0.04 -58.65 | 12.56 -0.07 -23.30 | 6.71 -0.05 -12.73 | 0.61 -0.35 -13.09 |
| NEG WEST___LANCASTR 23811 | 16.35 0.10 -10.35 | 1.39 -0.55 -16.29 | 1.32 -0.51 -14.17 | 1.24 -0.47 -13.31 | 0.49 -0.61 -14.04 | 0.54 -0.59 -14.09 | 1.62 -0.50 -12.38 | 5.54 -0.25 -11.45 | 5.83 -0.22 -11.20 | 5.31 -0.24 -11.45 | 3.00 -0.32 -11.36 | 1.47 -0.35 -12.01 | 1.49 -0.36 -12.31 | 5.65 -0.14 -11.28 | 11.21 0.04 -10.05 | 8.06 -0.10 -10.81 | 2.36 -0.41 -12.64 | 30.07 -0.10 -33.40 | 47.04 0.19 -42.69 | 58.64 0.55 -45.83 | 161.82 3.28 -71.26 | 15.34 -0.43 -26.43 | 7.55 -0.23 -13.76 | 1.33 -0.68 -14.14 |
| NEG_PENN_ALLEGHNY 23528 | 27.22 0.22 -21.10 | 18.32 -0.54 -33.21 | 16.07 -0.46 -28.87 | 15.09 -0.44 -27.13 | 15.15 -0.53 -28.62 | 15.23 -0.54 -28.73 | 14.57 -0.39 -25.23 | 17.44 -0.22 -23.32 | 17.43 -0.20 -22.79 | 17.15 -0.25 -23.30 | 14.73 -0.35 -23.11 | 13.80 -0.45 -24.43 | 14.15 -0.45 -25.06 | 17.24 -0.23 -22.96 | 21.66 0.06 -20.48 | 19.28 -0.11 -22.03 | 15.41 -0.50 -25.77 | 24.44 -0.16 -27.84 | 29.18 0.26 -24.76 | 32.32 0.66 -19.40 | 113.50 4.20 -22.02 | 22.64 -0.46 -33.76 | 21.47 -0.22 -27.67 | 15.77 -0.55 -28.44 |
| NEG___GEN_MONROE 24207 | 13.84 0.05 -7.88 | -2.27 -0.33 -12.40 | -1.87 -0.31 -10.78 | -1.78 -0.32 -10.13 | -2.65 -0.39 -10.69 | -2.64 -0.41 -10.73 | -1.17 -0.34 -9.42 | 2.87 -0.18 -8.71 | 3.22 -0.14 -8.52 | 2.68 -0.12 -8.71 | 0.43 -0.17 -8.63 | -1.20 -0.14 -9.13 | -1.27 -0.17 -9.36 | 3.08 -0.01 -8.57 | 8.78 0.02 -7.65 | 5.54 -0.04 -8.23 | -0.41 -0.15 -9.61 | 7.08 -0.03 -10.35 | 13.65 0.07 -9.42 | 19.89 0.25 -7.38 | 97.11 1.46 -8.38 | 1.97 -0.21 -12.84 | 4.41 -0.14 -10.52 | -1.71 -0.40 -10.82 |
| NEPA___ENERGY 23901 | 17.38 0.24 -11.23 | 2.61 -0.73 -17.68 | 2.41 -0.63 -15.38 | 2.25 -0.59 -14.44 | 1.52 -0.78 -15.24 | 1.55 -0.78 -15.30 | 2.62 -0.55 -13.44 | 6.46 -0.31 -12.42 | 6.71 -0.28 -12.15 | 6.15 -0.37 -12.42 | 3.78 -0.51 -12.31 | 2.19 -0.65 -13.02 | 2.21 -0.68 -13.36 | 6.43 -0.31 -12.23 | 12.12 0.10 -10.90 | 8.92 -0.16 -11.73 | 3.08 -0.76 -13.71 | 25.05 -0.21 -28.49 | 39.00 0.43 -34.41 | 48.81 0.99 -35.55 | 146.71 5.73 -53.71 | 13.63 -0.58 -24.88 | 8.65 -0.28 -14.90 | 2.32 -0.88 -15.32 |
| NEVERSINK___HYD 23608 | 51.28 0.48 -44.90 | 55.26 -1.06 -70.67 | 48.20 -0.91 -61.45 | 45.28 -0.85 -57.73 | 47.00 -0.96 -60.91 | 47.18 -1.00 -61.14 | 42.63 -0.80 -53.68 | 43.53 -0.44 -49.63 | 42.96 -0.38 -48.50 | 43.26 -0.43 -49.60 | 40.55 -0.59 -49.17 | 41.06 -0.75 -51.99 | 42.11 -0.75 -53.33 | 42.92 -0.45 -48.86 | 44.78 0.08 -43.58 | 44.03 -0.20 -46.88 | 44.27 -0.77 -54.91 | 56.03 -0.27 -59.54 | 56.98 0.37 -52.46 | 54.23 1.08 -40.89 | 141.45 7.76 -46.41 | 59.57 -0.93 -71.17 | 51.85 -0.50 -58.33 | 46.83 -0.99 -59.95 |
| NEWTON___FALLS_HYD 23847 | 6.86 -0.20 -1.15 | -11.99 0.55 -1.81 | -10.27 0.50 -1.57 | -9.66 0.46 -1.48 | -10.87 0.53 -1.56 | -10.84 0.55 -1.57 | -8.44 0.45 -1.38 | -4.16 0.23 -1.27 | -3.71 0.21 -1.24 | -4.37 0.27 -1.27 | -6.39 0.38 -1.26 | -8.34 0.51 -1.33 | -8.59 0.51 -1.37 | -3.97 0.27 -1.25 | 2.18 -0.06 -1.12 | -1.31 0.14 -1.20 | -7.97 0.51 -1.40 | -1.49 0.16 -1.59 | 6.15 -0.16 -2.16 | 13.50 -0.45 -1.69 | 86.03 -3.17 -1.92 | -7.31 0.41 -2.94 | -3.32 0.25 -2.41 | -9.11 0.54 -2.48 |
| NIAGARA_115E_LBMP 323715 | 15.47 -0.11 -9.67 | 0.85 -0.03 -15.22 | 0.82 -0.07 -13.24 | 0.77 -0.07 -12.43 | 0.02 -0.16 -13.12 | 0.10 -0.11 -13.17 | 1.17 -0.13 -11.57 | 5.03 -0.03 -10.71 | 5.36 0.04 -10.48 | 4.89 0.08 -10.72 | 2.69 0.10 -10.62 | 1.25 0.19 -11.23 | 1.26 0.20 -11.52 | 5.27 0.21 -10.55 | 10.50 -0.03 -9.40 | 7.51 0.05 -10.12 | 2.15 0.19 -11.83 | 18.25 0.10 -21.38 | 28.86 -0.10 -24.80 | 36.85 -0.25 -24.84 | 121.66 -2.22 -36.60 | 9.47 0.20 -19.94 | 7.00 0.09 -12.89 | 1.01 -0.11 -13.25 |
| NIAGARA_115W_LBMP 323714 | 15.45 -0.12 -9.67 | 0.84 -0.03 -15.21 | 0.82 -0.07 -13.23 | 0.77 -0.06 -12.43 | 0.02 -0.14 -13.11 | 0.09 -0.11 -13.16 | 1.16 -0.14 -11.56 | 4.88 -0.05 -10.59 | 5.09 -0.04 -10.28 | 4.58 -0.03 -10.51 | 2.33 -0.06 -10.42 | 0.82 -0.02 -11.02 | 0.82 -0.02 -11.31 | 4.91 0.05 -10.35 | 10.34 0.00 -9.23 | 7.27 -0.01 -9.93 | 1.72 -0.01 -11.60 | 1.29 0.03 -4.49 | 3.16 -0.02 0.98 | 6.46 -0.02 5.78 | 72.28 -0.64 14.35 | 0.87 0.01 -11.53 | 6.65 -0.02 -12.65 | 0.62 -0.25 -13.00 |
| NIAGARA_230_LBMP 323716 | 15.34 -0.09 -9.52 | 0.53 -0.11 -14.99 | 0.56 -0.13 -13.04 | 0.52 -0.13 -12.25 | -0.23 -0.21 -12.92 | -0.18 -0.19 -12.97 | 0.94 -0.19 -11.39 | 4.79 -0.08 -10.52 | 5.08 -0.05 -10.28 | 4.58 -0.03 -10.51 | 2.34 -0.06 -10.42 | 0.83 -0.01 -11.02 | 0.83 -0.01 -11.31 | 4.92 0.05 -10.35 | 10.35 0.00 -9.23 | 7.27 -0.01 -9.93 | 1.73 0.00 -11.60 | 1.29 0.03 -4.49 | 3.17 -0.02 0.98 | 6.46 -0.03 5.78 | 72.28 -0.65 14.35 | 0.88 0.01 -11.53 | 6.65 -0.02 -12.65 | 0.63 -0.25 -13.00 |
| NIAGARA____ 23760 | 15.49 -0.08 -9.67 | 0.85 -0.02 -15.22 | 0.82 -0.07 -13.24 | 0.77 -0.07 -12.43 | 0.02 -0.15 -13.12 | 0.10 -0.11 -13.17 | 1.17 -0.13 -11.56 | 5.00 -0.03 -10.68 | 5.30 0.02 -10.44 | 4.82 0.06 -10.67 | 2.63 0.07 -10.59 | 1.17 0.16 -11.20 | 1.17 0.16 -11.48 | 5.17 0.17 -10.49 | 10.43 -0.02 -9.33 | 7.43 0.03 -10.04 | 2.01 0.13 -11.75 | 11.64 0.08 -14.80 | 18.40 -0.05 -14.30 | 24.94 -0.15 -12.82 | 97.93 -1.47 -12.12 | 5.95 0.15 -16.47 | 6.95 0.08 -12.85 | 1.01 -0.11 -13.25 |

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| NINE_MILE_1 23575 | 9.88 -0.14 -4.11 | -7.58 0.30 -6.47 | -6.46 0.26 -5.62 | -6.07 0.24 -5.28 | -7.11 0.26 -5.58 | -7.11 0.26 -5.60 | -5.14 0.20 -4.92 | -1.00 0.11 -4.55 | -0.61 0.10 -4.44 | -1.25 0.12 -4.54 | -3.37 0.16 -4.50 | -5.20 0.22 -4.76 | -5.36 0.23 -4.88 | -0.89 0.12 -4.47 | 5.09 -0.02 -3.99 | 1.70 0.06 -4.29 | -4.66 0.20 -5.02 | 2.24 0.07 -5.41 | 9.07 -0.07 -4.99 | 15.97 -0.21 -3.91 | 90.07 -1.64 -4.44 | -3.65 0.21 -6.81 | -0.28 0.12 -5.58 | -6.16 0.23 -5.73 |
| NINE_MILE_2 23744 | 9.88 -0.13 -4.10 | -7.59 0.30 -6.46 | -6.47 0.26 -5.61 | -6.08 0.24 -5.27 | -7.12 0.26 -5.57 | -7.12 0.25 -5.59 | -5.15 0.20 -4.90 | -1.01 0.11 -4.54 | -0.62 0.10 -4.43 | -1.26 0.12 -4.53 | -3.37 0.16 -4.49 | -5.22 0.22 -4.75 | -5.37 0.23 -4.87 | -0.90 0.12 -4.46 | 5.08 -0.02 -3.98 | 1.69 0.06 -4.28 | -4.67 0.20 -5.01 | 2.23 0.07 -5.40 | 9.06 -0.07 -4.98 | 15.96 -0.21 -3.90 | 90.06 -1.64 -4.43 | -3.67 0.21 -6.79 | -0.28 0.13 -5.57 | -6.17 0.23 -5.72 |
| NM_CAPITAL___DRP 24208 | 70.68 0.38 -64.40 | 86.17 -0.85 -101.36 | 75.07 -0.73 -88.14 | 70.52 -0.69 -82.80 | 73.67 -0.76 -87.37 | 73.99 -0.74 -87.70 | 66.13 -0.61 -77.00 | 65.19 -0.33 -71.18 | 64.10 -0.32 -69.57 | 64.89 -0.35 -71.15 | 62.04 -0.47 -70.53 | 63.80 -0.59 -74.57 | 65.40 -0.63 -76.50 | 64.29 -0.31 -70.08 | 63.69 0.06 -62.51 | 64.43 -0.16 -67.24 | 67.62 -0.59 -78.08 | 77.83 -0.21 -81.28 | 76.29 0.25 -71.88 | 72.09 0.68 -59.15 | 159.78 5.37 -67.14 | 91.65 -0.63 -102.95 | 78.03 -0.37 -84.37 | 73.88 -0.73 -86.74 |
| NM_CENTRAL___DRP 24181 | 11.58 -0.01 -5.69 | -5.38 0.00 -8.96 | -4.55 0.00 -7.79 | -4.27 0.00 -7.32 | -5.24 -0.01 -7.72 | -5.23 -0.02 -7.75 | -3.46 -0.01 -6.80 | 0.63 -0.01 -6.29 | 0.99 -0.01 -6.15 | 0.38 -0.01 -6.29 | -1.80 -0.01 -6.23 | -3.59 0.00 -6.59 | -3.70 0.01 -6.76 | 0.72 0.01 -6.20 | 6.65 0.00 -5.52 | 3.30 0.00 -5.94 | -2.95 -0.02 -6.95 | 4.26 -0.01 -7.50 | 11.21 0.03 -7.02 | 17.86 0.10 -5.50 | 93.97 0.45 -6.24 | -1.13 -0.04 -9.57 | 1.86 -0.01 -7.84 | -4.10 -0.04 -8.06 |
| NM_FRONTIER___DRP 24179 | 15.45 -0.12 -9.67 | 0.84 -0.03 -15.21 | 0.82 -0.07 -13.23 | 0.77 -0.06 -12.43 | 0.02 -0.14 -13.11 | 0.09 -0.11 -13.16 | 1.16 -0.14 -11.56 | 4.88 -0.05 -10.59 | 5.09 -0.04 -10.28 | 4.58 -0.03 -10.51 | 2.33 -0.06 -10.42 | 0.82 -0.02 -11.02 | 0.82 -0.02 -11.31 | 4.91 0.05 -10.35 | 10.34 0.00 -9.23 | 7.27 -0.01 -9.93 | 1.72 -0.01 -11.60 | 1.29 0.03 -4.49 | 3.16 -0.02 0.98 | 6.46 -0.02 5.78 | 72.28 -0.64 14.35 | 0.87 0.01 -11.53 | 6.65 -0.02 -12.65 | 0.62 -0.25 -13.00 |
| NM_ST_REGIS___HYD 24053 | 5.69 -0.21 0.00 | -13.78 0.57 0.00 | -11.83 0.52 0.00 | -11.12 0.48 0.00 | -12.39 0.56 0.00 | -12.39 0.57 0.00 | -9.82 0.44 0.00 | -5.44 0.22 0.00 | -4.97 0.19 0.00 | -5.66 0.24 0.00 | -7.67 0.35 0.00 | -9.72 0.47 0.00 | -10.00 0.47 0.00 | -5.24 0.25 0.00 | 1.06 -0.06 0.00 | -2.51 0.14 0.00 | -9.33 0.54 0.00 | -3.06 0.18 0.00 | 3.94 -0.21 0.00 | 11.67 -0.59 0.00 | 83.26 -4.01 0.00 | -10.23 0.43 0.00 | -5.75 0.23 0.00 | -11.60 0.52 0.00 |
| NORTHPORT___1 23551 | 55.53 0.69 -48.94 | 61.30 -1.38 -77.03 | 53.38 -1.26 -66.98 | 50.11 -1.21 -62.92 | 52.14 -1.30 -66.40 | 52.41 -1.27 -66.64 | 47.18 -1.07 -58.51 | 47.91 -0.52 -54.09 | 47.29 -0.42 -52.87 | 47.64 -0.52 -54.07 | 44.80 -0.77 -53.60 | 45.41 -1.08 -56.67 | 46.62 -1.05 -58.13 | 47.20 -0.57 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.07 -0.99 -59.93 | 62.05 -0.33 -65.61 | 64.07 0.47 -59.45 | 59.41 1.19 -45.95 | 148.18 8.74 -52.16 | 68.25 -1.07 -79.99 | 58.96 -0.62 -65.56 | 54.01 -1.30 -67.43 |
| NORTHPORT___2 23552 | 55.53 0.69 -48.94 | 61.30 -1.38 -77.03 | 53.38 -1.26 -66.98 | 50.11 -1.21 -62.92 | 52.14 -1.30 -66.40 | 52.41 -1.27 -66.64 | 47.18 -1.07 -58.51 | 47.91 -0.52 -54.09 | 47.29 -0.42 -52.87 | 47.64 -0.52 -54.07 | 44.80 -0.77 -53.60 | 45.41 -1.08 -56.67 | 46.62 -1.05 -58.13 | 47.20 -0.57 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.07 -0.99 -59.93 | 62.05 -0.33 -65.61 | 64.07 0.47 -59.45 | 59.41 1.19 -45.95 | 148.18 8.74 -52.16 | 68.25 -1.07 -79.99 | 58.96 -0.62 -65.56 | 54.01 -1.30 -67.43 |
| NORTHPORT___3 23553 | 55.54 0.69 -48.94 | 61.24 -1.44 -77.03 | 53.34 -1.29 -66.98 | 50.09 -1.24 -62.92 | 52.10 -1.35 -66.40 | 52.36 -1.32 -66.64 | 47.15 -1.10 -58.51 | 47.89 -0.55 -54.09 | 47.26 -0.45 -52.87 | 47.61 -0.55 -54.07 | 44.76 -0.81 -53.60 | 45.36 -1.12 -56.67 | 46.56 -1.10 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 49.00 -1.06 -59.93 | 62.03 -0.35 -65.61 | 64.10 0.49 -59.45 | 59.51 1.30 -45.95 | 148.92 9.48 -52.16 | 68.18 -1.14 -79.99 | 58.92 -0.66 -65.56 | 53.95 -1.35 -67.43 |
| NORTHPORT___4 23650 | 55.54 0.69 -48.94 | 61.24 -1.44 -77.03 | 53.34 -1.29 -66.98 | 50.09 -1.24 -62.92 | 52.10 -1.35 -66.40 | 52.36 -1.32 -66.64 | 47.15 -1.10 -58.51 | 47.89 -0.55 -54.09 | 47.26 -0.45 -52.87 | 47.61 -0.55 -54.07 | 44.76 -0.81 -53.60 | 45.36 -1.12 -56.67 | 46.56 -1.10 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 49.00 -1.06 -59.93 | 62.03 -0.35 -65.61 | 64.10 0.49 -59.45 | 59.51 1.30 -45.95 | 148.92 9.48 -52.16 | 68.18 -1.14 -79.99 | 58.92 -0.66 -65.56 | 53.95 -1.35 -67.43 |
| NORTHPORT___IC 23718 | 55.53 0.69 -48.94 | 61.30 -1.38 -77.03 | 53.38 -1.26 -66.98 | 50.11 -1.21 -62.92 | 52.14 -1.30 -66.40 | 52.41 -1.27 -66.64 | 47.18 -1.07 -58.51 | 47.91 -0.52 -54.09 | 47.29 -0.42 -52.87 | 47.64 -0.52 -54.07 | 44.80 -0.77 -53.60 | 45.41 -1.08 -56.67 | 46.62 -1.05 -58.13 | 47.20 -0.57 -53.26 | 48.73 0.11 -47.50 | 48.18 -0.27 -51.10 | 49.07 -0.99 -59.93 | 62.05 -0.33 -65.61 | 64.07 0.47 -59.45 | 59.41 1.19 -45.95 | 148.18 8.74 -52.16 | 68.25 -1.07 -79.99 | 58.96 -0.62 -65.56 | 54.01 -1.30 -67.43 |
| NPX_GEN_1385_PROXY 323591 | 55.43 0.59 -48.94 | 61.50 -1.18 -77.03 | 53.28 -1.36 -66.98 | 50.03 -1.29 -62.92 | 52.20 -1.25 -66.40 | 52.56 -1.12 -66.64 | 47.11 -1.15 -58.51 | 47.87 -0.56 -54.09 | 47.33 -0.38 -52.87 | 47.66 -0.51 -54.07 | 44.90 -0.67 -53.60 | 45.52 -0.97 -56.67 | 46.73 -0.93 -58.13 | 47.26 -0.51 -53.26 | 48.72 0.10 -47.50 | 48.24 -0.22 -51.10 | 49.29 -0.77 -59.93 | 62.12 -0.26 -65.61 | 63.98 0.38 -59.45 | 59.15 0.94 -45.95 | 146.75 7.32 -52.16 | 68.42 -0.90 -79.99 | 59.06 -0.52 -65.56 | 54.16 -1.14 -67.43 |
| NPX_GEN_CSC 323557 | 55.51 0.67 -48.94 | 61.40 -1.28 -77.03 | 53.51 -1.12 -66.98 | 50.19 -1.13 -62.92 | 52.22 -1.23 -66.40 | 52.47 -1.21 -66.64 | 47.21 -1.05 -58.51 | 47.98 -0.45 -54.09 | 47.35 -0.36 -52.87 | 47.72 -0.44 -54.07 | 44.91 -0.66 -53.60 | 45.58 -0.91 -56.67 | 46.79 -0.87 -58.13 | 47.29 -0.48 -53.26 | 48.72 0.09 -47.50 | 48.21 -0.24 -51.10 | 49.18 -0.88 -59.93 | 62.08 -0.30 -65.61 | 64.05 0.45 -59.45 | 59.37 1.15 -45.95 | 147.84 8.40 -52.16 | 68.30 -1.02 -79.99 | 58.99 -0.58 -65.56 | 54.10 -1.20 -67.43 |
| NSINS_S_GLNS_FALLS 23858 | 74.64 0.34 -68.40 | 92.53 -0.78 -107.66 | 80.66 -0.62 -93.62 | 75.77 -0.58 -87.94 | 79.21 -0.65 -92.80 | 79.56 -0.62 -93.15 | 70.98 -0.55 -81.79 | 69.63 -0.32 -75.61 | 68.44 -0.30 -73.90 | 69.34 -0.33 -75.57 | 66.45 -0.43 -74.91 | 68.50 -0.53 -79.21 | 70.25 -0.53 -81.25 | 68.73 -0.22 -74.44 | 67.56 0.05 -66.39 | 68.64 -0.13 -71.42 | 72.58 -0.51 -82.96 | 82.76 -0.18 -86.18 | 78.11 0.31 -73.64 | 73.85 0.85 -60.73 | 163.22 7.01 -68.94 | 94.25 -0.79 -105.71 | 80.24 -0.42 -86.64 | 76.15 -0.79 -89.06 |
| NUCOR_STEEL___DRP 24197 | 13.90 0.09 -7.91 | -2.17 -0.27 -12.44 | -1.72 -0.20 -10.82 | -1.64 -0.21 -10.16 | -2.49 -0.27 -10.72 | -2.48 -0.28 -10.76 | -1.02 -0.21 -9.45 | 2.96 -0.11 -8.74 | 3.30 -0.09 -8.54 | 2.70 -0.13 -8.73 | 0.50 -0.13 -8.66 | -1.18 -0.15 -9.16 | -1.23 -0.15 -9.39 | 3.03 -0.08 -8.60 | 8.81 0.01 -7.68 | 5.56 -0.05 -8.26 | -0.38 -0.16 -9.65 | 7.10 -0.06 -10.39 | 13.77 0.13 -9.48 | 20.07 0.37 -7.43 | 97.56 1.84 -8.43 | 2.02 -0.25 -12.93 | 4.50 -0.12 -10.60 | -1.46 -0.23 -10.89 |

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| NYISO_LBMP_REFERENCE 24008 | 5.90 0.00 0.00 | -14.35 0.00 0.00 | -12.34 0.00 0.00 | -11.60 0.00 0.00 | -12.95 0.00 0.00 | -12.96 0.00 0.00 | -10.26 0.00 0.00 | -5.66 0.00 0.00 | -5.16 0.00 0.00 | -5.90 0.00 0.00 | -8.03 0.00 0.00 | -10.18 0.00 0.00 | -10.47 0.00 0.00 | -5.49 0.00 0.00 | 1.12 0.00 0.00 | -2.65 0.00 0.00 | -9.87 0.00 0.00 | -3.24 0.00 0.00 | 4.16 0.00 0.00 | 12.26 0.00 0.00 | 87.28 0.00 0.00 | -10.66 0.00 0.00 | -5.98 0.00 0.00 | -12.13 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 55.59 0.75 -48.94 | 61.17 -1.51 -77.03 | 53.29 -1.35 -66.98 | 50.02 -1.30 -62.92 | 52.04 -1.41 -66.40 | 52.30 -1.38 -66.64 | 47.10 -1.16 -58.51 | 47.87 -0.57 -54.09 | 47.25 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.74 -0.83 -53.60 | 45.34 -1.14 -56.67 | 46.55 -1.11 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 48.97 -1.08 -59.93 | 62.01 -0.36 -65.61 | 64.11 0.50 -59.45 | 59.48 1.26 -45.95 | 148.70 9.26 -52.16 | 68.20 -1.12 -79.99 | 58.88 -0.69 -65.56 | 53.88 -1.43 -67.43 |
| NYPA_GOWANUS____GT5 24156 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NYPA_GOWANUS____GT6 24157 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |
| NYPA_HARLEM__RVR__GT1 24160 | 55.37 0.54 -48.93 | 61.58 -1.09 -77.02 | 53.66 -0.97 -66.97 | 50.41 -0.90 -62.91 | 52.44 -0.99 -66.39 | 52.62 -1.06 -66.63 | 47.40 -0.84 -58.51 | 47.96 -0.47 -54.08 | 47.28 -0.42 -52.86 | 47.64 -0.52 -54.06 | 44.83 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.95 0.36 -59.43 | 59.34 1.13 -45.94 | 147.68 8.25 -52.15 | 68.27 -1.03 -79.97 | 58.94 -0.62 -65.54 | 54.12 -1.17 -67.42 |
| NYPA_HARLEM__RVR__GT2 24161 | 55.37 0.54 -48.93 | 61.58 -1.09 -77.02 | 53.66 -0.97 -66.97 | 50.41 -0.90 -62.91 | 52.44 -0.99 -66.39 | 52.62 -1.06 -66.63 | 47.40 -0.84 -58.51 | 47.96 -0.47 -54.08 | 47.28 -0.42 -52.86 | 47.64 -0.52 -54.06 | 44.83 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.95 0.36 -59.43 | 59.34 1.13 -45.94 | 147.68 8.25 -52.15 | 68.27 -1.03 -79.97 | 58.94 -0.62 -65.54 | 54.12 -1.17 -67.42 |
| NYPA_KENT____GT 24152 | 55.39 0.56 -48.93 | 61.49 -1.18 -77.02 | 53.60 -1.03 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.51 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.62 -0.54 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.98 -56.66 | 46.63 -1.03 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.97 0.38 -59.43 | 59.39 1.18 -45.94 | 148.17 8.75 -52.15 | 68.24 -1.07 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.21 -67.42 |
| NYPA_POUCH1____GT 24155 | 55.37 0.54 -48.93 | 61.54 -1.12 -77.02 | 53.65 -0.98 -66.97 | 50.40 -0.91 -62.91 | 52.42 -1.02 -66.39 | 52.61 -1.06 -66.63 | 47.39 -0.85 -58.51 | 47.96 -0.47 -54.08 | 47.28 -0.43 -52.86 | 47.65 -0.50 -54.06 | 44.86 -0.70 -53.59 | 45.55 -0.93 -56.66 | 46.69 -0.97 -58.12 | 47.22 -0.54 -53.25 | 48.72 0.11 -47.49 | 48.18 -0.26 -51.09 | 49.08 -0.97 -59.92 | 62.03 -0.34 -65.60 | 63.95 0.36 -59.43 | 59.33 1.12 -45.94 | 147.77 8.34 -52.15 | 68.29 -1.01 -79.97 | 58.96 -0.60 -65.54 | 54.14 -1.15 -67.42 |
| NYPA_VERNON____GT2 24162 | 55.39 0.56 -48.93 | 61.49 -1.18 -77.02 | 53.59 -1.04 -66.97 | 50.35 -0.97 -62.91 | 52.36 -1.08 -66.39 | 52.55 -1.12 -66.63 | 47.35 -0.90 -58.51 | 47.93 -0.50 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.55 -54.06 | 44.79 -0.76 -53.59 | 45.47 -1.00 -56.66 | 46.61 -1.05 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.40 -59.43 | 59.41 1.20 -45.94 | 148.26 8.83 -52.15 | 68.23 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.07 -1.22 -67.42 |
| NYPA_VERNON____GT3 24163 | 55.39 0.56 -48.93 | 61.49 -1.18 -77.02 | 53.59 -1.04 -66.97 | 50.35 -0.97 -62.91 | 52.36 -1.08 -66.39 | 52.55 -1.12 -66.63 | 47.35 -0.90 -58.51 | 47.93 -0.50 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.55 -54.06 | 44.79 -0.76 -53.59 | 45.47 -1.00 -56.66 | 46.61 -1.05 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.40 -59.43 | 59.41 1.20 -45.94 | 148.26 8.83 -52.15 | 68.23 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.07 -1.22 -67.42 |
| NYPA__ASTORIA_CC1 323568 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |
| NYPA__ASTORIA_CC2 323569 | 55.39 0.55 -48.93 | 61.50 -1.16 -77.02 | 53.60 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.80 -0.76 -53.59 | 45.48 -1.00 -56.66 | 46.61 -1.04 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.00 -0.37 -65.60 | 63.99 0.40 -59.43 | 59.40 1.19 -45.94 | 148.27 8.84 -52.15 | 68.22 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.08 -1.22 -67.42 |
| NYPA__HOLTSVILL 23794 | 55.55 0.71 -48.94 | 61.28 -1.40 -77.03 | 53.39 -1.25 -66.98 | 50.11 -1.22 -62.92 | 52.13 -1.32 -66.40 | 52.39 -1.29 -66.64 | 47.16 -1.10 -58.51 | 47.92 -0.52 -54.09 | 47.29 -0.43 -52.87 | 47.65 -0.51 -54.07 | 44.81 -0.76 -53.60 | 45.44 -1.05 -56.67 | 46.65 -1.02 -58.13 | 47.21 -0.56 -53.26 | 48.73 0.11 -47.50 | 48.17 -0.27 -51.10 | 49.06 -1.00 -59.93 | 62.04 -0.34 -65.61 | 64.09 0.49 -59.45 | 59.47 1.25 -45.95 | 148.52 9.08 -52.16 | 68.21 -1.10 -79.99 | 58.93 -0.65 -65.56 | 53.98 -1.33 -67.43 |
| NYPA__HELLGATE_GT1 24158 | 55.37 0.54 -48.93 | 61.58 -1.09 -77.02 | 53.66 -0.97 -66.97 | 50.41 -0.90 -62.91 | 52.44 -0.99 -66.39 | 52.62 -1.06 -66.63 | 47.40 -0.84 -58.51 | 47.96 -0.47 -54.08 | 47.28 -0.42 -52.86 | 47.64 -0.52 -54.06 | 44.83 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.95 0.36 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.63 -65.54 | 54.12 -1.17 -67.42 |
| NYPA__HELLGATE_GT2 24159 | 55.37 0.54 -48.93 | 61.58 -1.09 -77.02 | 53.66 -0.97 -66.97 | 50.41 -0.90 -62.91 | 52.44 -0.99 -66.39 | 52.62 -1.06 -66.63 | 47.40 -0.84 -58.51 | 47.96 -0.47 -54.08 | 47.28 -0.42 -52.86 | 47.64 -0.52 -54.06 | 44.83 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.63 -1.02 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.04 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.95 0.36 -59.43 | 59.34 1.13 -45.94 | 147.60 8.17 -52.15 | 68.28 -1.02 -79.97 | 58.94 -0.63 -65.54 | 54.12 -1.17 -67.42 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|-------------------------|--------------------------|
| NYS_BARGE___HYD 23848 | 15.37 -0.02 -9.49 | 0.36 -0.24 -14.94 | 0.40 -0.25 -12.99 | 0.38 -0.23 -12.21 | -0.41 -0.34 -12.88 | -0.33 -0.30 -12.93 | 0.81 -0.28 -11.35 | 4.73 -0.12 -10.51 | 5.06 -0.07 -10.28 | 4.57 -0.04 -10.51 | 2.33 -0.07 -10.42 | 0.82 -0.02 -11.02 | 0.82 -0.02 -11.31 | 4.94 0.08 -10.35 | 10.34 0.00 -9.23 | 7.27 -0.01 -9.93 | 1.70 -0.03 -11.60 | 27.86 0.02 -31.07 | 43.99 0.00 -39.83 | 55.15 0.06 -42.82 | 153.90 -0.05 -66.67 | 13.76 -0.06 -24.49 | 6.63 -0.04 -12.65 | 0.53 -0.35 -13.00 |
| OAK_ORCHARD___HYD 24046 | 13.70 0.00 -7.80 | -2.24 -0.17 -12.28 | -1.83 -0.17 -10.68 | -1.72 -0.15 -10.03 | -2.58 -0.21 -10.58 | -2.55 -0.21 -10.63 | -1.13 -0.20 -9.33 | 2.87 -0.09 -8.63 | 3.20 -0.08 -8.43 | 2.65 -0.07 -8.62 | 0.42 -0.09 -8.55 | -1.22 -0.08 -9.03 | -1.28 -0.08 -9.27 | 2.99 -0.01 -8.49 | 8.70 0.01 -7.57 | 5.47 -0.02 -8.14 | -0.44 -0.09 -9.52 | 7.00 -0.01 -10.25 | 13.53 0.04 -9.33 | 19.74 0.17 -7.31 | 96.48 0.91 -8.29 | 1.92 -0.13 -12.72 | 4.37 -0.08 -10.42 | -1.67 -0.26 -10.71 |
| OCC_CHEM___DRP 24175 | 15.53 -0.09 -9.71 | 0.86 -0.08 -15.29 | 0.84 -0.12 -13.29 | 0.79 -0.10 -12.49 | 0.04 -0.19 -13.18 | 0.11 -0.15 -13.23 | 1.19 -0.17 -11.61 | 4.98 -0.11 -10.74 | 5.24 -0.10 -10.50 | 4.74 -0.09 -10.74 | 2.47 -0.14 -10.65 | 0.96 -0.12 -11.26 | 0.96 -0.12 -11.55 | 5.08 0.00 -10.57 | 10.55 0.01 -9.43 | 7.46 -0.03 -10.14 | 1.88 -0.10 -11.85 | 223.03 0.01 -226.26 | 343.50 0.02 -339.32 | 411.87 0.09 -399.51 | 748.63 0.21 -661.14 | 109.05 -0.10 -119.82 | 6.86 -0.08 -12.92 | 0.78 -0.37 -13.28 |
| OH_GEN_PROXY 24063 | 15.48 -0.08 -9.66 | 0.71 -0.14 -15.20 | 0.72 -0.15 -13.21 | 0.68 -0.14 -12.41 | -0.08 -0.22 -13.10 | -0.02 -0.21 -13.15 | 1.08 -0.20 -11.54 | 4.93 -0.08 -10.67 | 5.21 -0.06 -10.42 | 4.71 -0.05 -10.66 | 2.46 -0.08 -10.57 | 0.95 -0.05 -11.17 | 0.95 -0.04 -11.46 | 5.04 0.04 -10.49 | 10.48 0.00 -9.36 | 7.40 -0.02 -10.06 | 1.85 -0.04 -11.76 | 2.05 0.02 -5.25 | 4.24 0.00 -0.08 | 7.70 0.02 4.58 | 74.50 -0.36 12.41 | 1.35 -0.01 -12.03 | 6.81 -0.03 -12.82 | 0.79 -0.27 -13.18 |
| OLIN_CORP_DRP 24177 | 15.53 -0.09 -9.71 | 0.86 -0.08 -15.29 | 0.84 -0.12 -13.29 | 0.79 -0.10 -12.49 | 0.04 -0.19 -13.18 | 0.11 -0.15 -13.23 | 1.19 -0.17 -11.61 | 5.05 -0.05 -10.76 | 5.39 0.02 -10.53 | 4.92 0.06 -10.77 | 2.72 0.07 -10.68 | 1.26 0.15 -11.29 | 1.27 0.16 -11.58 | 5.29 0.18 -10.60 | 10.55 -0.02 -9.45 | 7.56 0.04 -10.17 | 2.17 0.15 -11.89 | 17.56 0.08 -20.71 | 27.80 -0.08 -23.73 | 35.60 -0.20 -23.54 | 119.82 -1.87 -34.41 | 9.15 0.16 -19.66 | 7.04 0.06 -12.95 | 1.04 -0.14 -13.31 |
| OLIN_CORP_DSASP 323712 | 15.53 -0.09 -9.71 | 0.86 -0.08 -15.29 | 0.84 -0.12 -13.29 | 0.79 -0.10 -12.49 | 0.04 -0.19 -13.18 | 0.11 -0.15 -13.23 | 1.19 -0.17 -11.61 | 4.98 -0.11 -10.74 | 5.24 -0.10 -10.50 | 4.74 -0.09 -10.74 | 2.47 -0.14 -10.65 | 0.96 -0.12 -11.26 | 0.96 -0.12 -11.55 | 5.08 0.00 -10.57 | 10.55 0.01 -9.43 | 7.46 -0.03 -10.14 | 1.88 -0.10 -11.85 | 223.03 0.01 -226.26 | 343.50 0.02 -339.32 | 411.87 0.09 -399.51 | 748.63 0.21 -661.14 | 109.05 -0.10 -119.82 | 6.86 -0.08 -12.92 | 0.78 -0.37 -13.28 |
| ONEIDA_HERK_LFGE 323681 | 7.06 0.02 -1.13 | -12.59 -0.02 -1.78 | -10.80 0.00 -1.55 | -10.15 -0.01 -1.46 | -11.42 -0.01 -1.54 | -11.43 -0.01 -1.54 | -8.90 0.01 -1.35 | -4.41 -0.01 -1.25 | -3.94 0.00 -1.22 | -4.64 0.01 -1.25 | -6.77 0.02 -1.24 | -8.83 0.05 -1.31 | -9.07 0.05 -1.35 | -4.23 0.03 -1.23 | 2.21 -0.01 -1.10 | -1.45 0.02 -1.18 | -8.46 0.04 -1.37 | -1.61 0.01 -1.62 | 6.84 0.03 -2.66 | 14.45 0.10 -2.08 | 90.34 0.70 -2.36 | -7.08 -0.04 -3.62 | -3.00 0.01 -2.97 | -9.05 0.02 -3.05 |
| ONONDAGA_REF_OCCRA 23987 | 13.04 0.03 -7.10 | -3.27 -0.10 -11.17 | -2.71 -0.09 -9.72 | -2.55 -0.08 -9.13 | -3.42 -0.10 -9.63 | -3.41 -0.12 -9.67 | -1.85 -0.08 -8.49 | 2.14 -0.05 -7.85 | 2.47 -0.04 -7.67 | 1.89 -0.05 -7.85 | -0.32 -0.07 -7.78 | -2.03 -0.07 -8.22 | -2.10 -0.07 -8.43 | 2.21 -0.02 -7.73 | 8.02 0.01 -6.89 | 4.75 -0.02 -7.41 | -1.31 -0.10 -8.67 | 6.07 -0.03 -9.34 | 12.85 0.07 -8.62 | 19.22 0.20 -6.75 | 96.13 1.19 -7.66 | 0.96 -0.12 -11.75 | 3.61 -0.05 -9.63 | -2.36 -0.13 -9.90 |
| ONONDAGA___COGEN 23986 | 12.52 0.02 -6.61 | -4.02 -0.07 -10.40 | -3.36 -0.06 -9.04 | -3.16 -0.05 -8.49 | -4.07 -0.08 -8.96 | -4.06 -0.09 -9.00 | -2.43 -0.07 -7.90 | 1.61 -0.03 -7.30 | 1.95 -0.03 -7.14 | 1.35 -0.04 -7.30 | -0.85 -0.05 -7.23 | -2.58 -0.05 -7.65 | -2.67 -0.04 -7.84 | 1.68 -0.02 -7.19 | 7.54 0.01 -6.41 | 4.24 -0.01 -6.90 | -1.88 -0.07 -8.06 | 5.43 -0.03 -8.69 | 12.21 0.06 -7.99 | 18.70 0.17 -6.26 | 95.27 0.89 -7.11 | 0.14 -0.09 -10.90 | 2.92 -0.03 -8.93 | -3.04 -0.10 -9.18 |
| ONTARIO___LFGE 23819 | 15.42 0.12 -9.40 | 0.09 -0.35 -14.79 | 0.21 -0.31 -12.86 | 0.20 -0.29 -12.08 | -0.57 -0.37 -12.75 | -0.55 -0.38 -12.79 | 0.68 -0.30 -11.23 | 4.56 -0.16 -10.39 | 4.85 -0.15 -10.15 | 4.29 -0.18 -10.38 | 2.03 -0.23 -10.29 | 0.45 -0.24 -10.88 | 0.46 -0.23 -11.16 | 4.64 -0.10 -10.23 | 10.28 0.03 -9.13 | 7.11 -0.06 -9.82 | 1.31 -0.30 -11.48 | 9.02 -0.09 -12.35 | 15.57 0.20 -11.21 | 21.59 0.54 -8.78 | 100.31 3.06 -9.97 | 4.27 -0.35 -15.28 | 6.40 -0.15 -12.53 | 0.34 -0.41 -12.87 |
| ORANGEVILLE_WT_PWR 323706 | 17.74 0.01 -11.83 | 3.99 -0.28 -18.62 | 3.57 -0.28 -16.19 | 3.36 -0.26 -15.21 | 2.74 -0.36 -16.05 | 2.79 -0.36 -16.11 | 3.59 -0.30 -14.15 | 7.27 -0.15 -13.08 | 7.48 -0.15 -12.79 | 6.98 -0.19 -13.08 | 4.67 -0.26 -12.96 | 3.27 -0.26 -13.70 | 3.34 -0.25 -14.06 | 7.26 -0.11 -12.86 | 12.62 0.04 -11.46 | 9.59 -0.09 -12.33 | 4.16 -0.38 -14.41 | 22.51 -0.10 -25.85 | 34.22 0.20 -29.86 | 42.66 0.53 -29.86 | 134.33 3.12 -43.94 | 13.12 -0.35 -24.13 | 9.51 -0.16 -15.65 | 3.46 -0.51 -16.09 |
| ORANGEVILLE___ESR 323794 | 17.74 0.01 -11.83 | 3.99 -0.28 -18.62 | 3.57 -0.28 -16.19 | 3.36 -0.26 -15.21 | 2.74 -0.36 -16.05 | 2.79 -0.36 -16.11 | 3.59 -0.30 -14.15 | 7.27 -0.15 -13.08 | 7.48 -0.15 -12.79 | 6.98 -0.19 -13.08 | 4.67 -0.26 -12.96 | 3.27 -0.26 -13.70 | 3.34 -0.25 -14.06 | 7.26 -0.11 -12.86 | 12.62 0.04 -11.46 | 9.59 -0.09 -12.33 | 4.16 -0.38 -14.41 | 22.51 -0.10 -25.85 | 34.22 0.20 -29.86 | 42.66 0.53 -29.86 | 134.33 3.12 -43.94 | 13.12 -0.35 -24.13 | 9.51 -0.16 -15.65 | 3.46 -0.51 -16.09 |
| OSWEGATCHIE___HYD 24044 | 6.86 -0.20 -1.15 | -11.99 0.55 -1.81 | -10.27 0.50 -1.57 | -9.66 0.46 -1.48 | -10.87 0.53 -1.56 | -10.84 0.55 -1.57 | -8.44 0.45 -1.38 | -4.16 0.23 -1.27 | -3.71 0.21 -1.24 | -4.37 0.27 -1.27 | -6.39 0.38 -1.26 | -8.34 0.51 -1.33 | -8.59 0.51 -1.37 | -3.97 0.27 -1.25 | 2.18 -0.06 -1.12 | -1.31 0.14 -1.20 | -7.97 0.51 -1.40 | -1.49 0.16 -1.59 | 6.15 -0.16 -2.16 | 13.50 -0.45 -1.69 | 86.03 -3.17 -1.92 | -7.31 0.41 -2.94 | -3.32 0.25 -2.41 | -9.11 0.54 -2.48 |
| OSWEGO___5 23606 | 10.54 -0.09 -4.72 | -6.73 0.19 -7.43 | -5.72 0.16 -6.46 | -5.38 0.15 -6.07 | -6.39 0.15 -6.41 | -6.38 0.15 -6.43 | -4.49 0.12 -5.65 | -0.37 0.07 -5.22 | 0.01 0.07 -5.10 | -0.62 0.07 -5.22 | -2.76 0.10 -5.17 | -4.58 0.14 -5.47 | -4.71 0.14 -5.61 | -0.27 0.08 -5.14 | 5.69 -0.01 -4.58 | 2.32 0.03 -4.93 | -3.99 0.12 -5.76 | 3.02 0.04 -6.21 | 9.84 -0.03 -5.71 | 16.63 -0.11 -4.48 | 91.42 -0.94 -5.08 | -2.75 0.12 -7.79 | 0.49 0.08 -6.39 | -5.43 0.13 -6.56 |
| OSWEGO___6 23613 | 10.54 -0.09 -4.72 | -6.73 0.19 -7.43 | -5.72 0.16 -6.46 | -5.38 0.15 -6.07 | -6.39 0.15 -6.41 | -6.38 0.15 -6.43 | -4.49 0.12 -5.65 | -0.37 0.07 -5.22 | 0.01 0.07 -5.10 | -0.62 0.07 -5.22 | -2.76 0.10 -5.17 | -4.58 0.14 -5.47 | -4.71 0.14 -5.61 | -0.27 0.08 -5.14 | 5.69 -0.01 -4.58 | 2.32 0.03 -4.93 | -3.99 0.12 -5.76 | 3.02 0.04 -6.21 | 9.84 -0.03 -5.71 | 16.63 -0.11 -4.48 | 91.42 -0.94 -5.08 | -2.75 0.12 -7.79 | 0.49 0.08 -6.39 | -5.43 0.13 -6.56 |

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|-----------------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|--------------------------|--------------------------|
| OUTOKUMPU-AB___DRP 24206 | 15.78 0.02 -9.85 | 0.79 -0.37 -15.50 | 0.78 -0.36 -13.48 | 0.74 -0.33 -12.66 | -0.02 -0.44 -13.36 | 0.06 -0.39 -13.41 | 1.17 -0.35 -11.78 | 5.07 -0.19 -10.92 | 5.37 -0.17 -10.70 | 4.87 -0.17 -10.94 | 2.58 -0.23 -10.84 | 1.04 -0.24 -11.46 | 1.04 -0.25 -11.76 | 5.22 -0.06 -10.77 | 10.74 0.03 -9.60 | 7.61 -0.07 -10.32 | 1.93 -0.27 -12.07 | 74.12 -0.05 -77.41 | 114.91 0.11 -110.65 | 139.62 0.35 -127.01 | 296.15 2.06 -206.81 | 36.47 -0.30 -47.43 | 7.01 -0.16 -13.15 | 0.83 -0.57 -13.52 |
| OXBOW____ 24026 | 15.66 -0.02 -9.78 | 0.80 -0.24 -15.40 | 0.79 -0.26 -13.39 | 0.75 -0.23 -12.58 | 0.01 -0.32 -13.27 | 0.14 -0.23 -13.32 | 1.23 -0.21 -11.70 | 5.05 -0.12 -10.83 | 5.33 -0.11 -10.60 | 4.83 -0.10 -10.84 | 2.56 -0.15 -10.75 | 1.04 -0.14 -11.36 | 1.05 -0.14 -11.65 | 5.18 -0.01 -10.67 | 10.64 0.01 -9.51 | 7.54 -0.04 -10.23 | 1.94 -0.15 -11.96 | 147.77 -0.01 -151.01 | 227.93 0.05 -223.72 | 274.19 0.17 -261.76 | 519.56 0.82 -431.47 | 72.40 -0.16 -83.23 | 6.95 -0.10 -13.04 | 0.85 -0.42 -13.40 |
| OXY_CHEM_DSASP 323612 | 15.53 -0.09 -9.71 | 0.86 -0.08 -15.29 | 0.84 -0.12 -13.29 | 0.79 -0.10 -12.49 | 0.04 -0.19 -13.18 | 0.11 -0.15 -13.23 | 1.19 -0.17 -11.61 | 4.98 -0.11 -10.74 | 5.24 -0.10 -10.50 | 4.74 -0.09 -10.74 | 2.47 -0.14 -10.65 | 0.96 -0.12 -11.26 | 0.96 -0.12 -11.55 | 5.08 0.00 -10.57 | 10.55 0.01 -9.43 | 7.46 -0.03 -10.14 | 1.88 -0.10 -11.85 | 223.03 0.01 -226.26 | 343.50 0.02 -339.32 | 411.87 0.09 -399.51 | 748.63 0.21 -661.14 | 109.05 -0.10 -119.82 | 6.86 -0.08 -12.92 | 0.78 -0.37 -13.28 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 15.53 -0.09 -9.71 | 0.86 -0.08 -15.29 | 0.84 -0.12 -13.29 | 0.79 -0.10 -12.49 | 0.04 -0.19 -13.18 | 0.11 -0.15 -13.23 | 1.19 -0.17 -11.61 | 4.98 -0.11 -10.74 | 5.24 -0.10 -10.50 | 4.74 -0.09 -10.74 | 2.47 -0.14 -10.65 | 0.96 -0.12 -11.26 | 0.96 -0.12 -11.55 | 5.08 0.00 -10.57 | 10.55 0.01 -9.43 | 7.46 -0.03 -10.14 | 1.88 -0.10 -11.85 | 223.03 0.01 -226.26 | 343.50 0.02 -339.32 | 411.87 0.09 -399.51 | 748.63 0.21 -661.14 | 109.05 -0.10 -119.82 | 6.86 -0.08 -12.92 | 0.78 -0.37 -13.28 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 55.38 0.54 -48.93 | 61.55 -1.11 -77.02 | 53.64 -0.99 -66.97 | 50.40 -0.92 -62.91 | 52.42 -1.02 -66.39 | 52.60 -1.07 -66.63 | 47.39 -0.86 -58.51 | 47.95 -0.48 -54.08 | 47.27 -0.43 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.02 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.37 1.16 -45.94 | 147.84 8.41 -52.15 | 68.26 -1.04 -79.97 | 58.95 -0.62 -65.54 | 54.10 -1.19 -67.42 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 55.37 0.53 -48.93 | 61.61 -1.06 -77.02 | 53.69 -0.94 -66.97 | 50.42 -0.89 -62.91 | 52.47 -0.97 -66.39 | 52.61 -1.06 -66.63 | 47.43 -0.82 -58.51 | 47.96 -0.47 -54.08 | 47.29 -0.41 -52.86 | 47.65 -0.51 -54.06 | 44.84 -0.72 -53.59 | 45.53 -0.95 -56.66 | 46.67 -0.99 -58.12 | 47.19 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.07 -0.98 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.65 8.23 -52.15 | 68.29 -1.02 -79.97 | 58.96 -0.60 -65.54 | 54.11 -1.18 -67.42 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 16.30 0.10 -10.29 | 1.30 -0.55 -16.20 | 1.24 -0.50 -14.09 | 1.17 -0.46 -13.23 | 0.41 -0.60 -13.96 | 0.47 -0.58 -14.01 | 1.56 -0.49 -12.31 | 5.48 -0.25 -11.39 | 5.77 -0.21 -11.14 | 5.26 -0.23 -11.39 | 2.95 -0.31 -11.29 | 1.42 -0.34 -11.94 | 1.43 -0.35 -12.25 | 5.60 -0.13 -11.21 | 11.16 0.04 -10.00 | 8.01 -0.10 -10.75 | 2.30 -0.39 -12.57 | 29.16 -0.09 -32.49 | 45.68 0.18 -41.34 | 57.04 0.52 -44.25 | 159.07 3.13 -68.66 | 14.85 -0.41 -25.93 | 7.48 -0.22 -13.68 | 1.27 -0.67 -14.07 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 56.00 0.53 -49.57 | 62.49 -1.17 -78.01 | 54.48 -1.02 -67.84 | 51.18 -0.95 -63.73 | 53.24 -1.06 -67.25 | 53.44 -1.09 -67.50 | 48.12 -0.89 -59.27 | 48.64 -0.49 -54.78 | 47.95 -0.44 -53.55 | 48.33 -0.52 -54.76 | 45.52 -0.74 -54.28 | 46.26 -0.96 -57.39 | 47.43 -0.98 -58.87 | 47.91 -0.54 -53.94 | 49.34 0.11 -48.11 | 48.84 -0.27 -51.75 | 49.80 -1.00 -60.67 | 62.73 -0.34 -66.31 | 64.82 0.41 -60.25 | 60.15 1.19 -46.69 | 148.93 8.65 -53.00 | 69.57 -1.04 -81.27 | 60.06 -0.57 -66.61 | 55.23 -1.13 -68.49 |
| PEEKSKILL____ 23653 | 54.95 0.49 -48.56 | 61.00 -1.08 -76.42 | 53.17 -0.94 -66.46 | 49.94 -0.89 -62.43 | 51.94 -0.99 -65.87 | 52.14 -1.02 -66.12 | 46.97 -0.82 -58.06 | 47.56 -0.45 -53.67 | 46.90 -0.40 -52.45 | 47.26 -0.48 -53.64 | 44.47 -0.68 -53.17 | 45.16 -0.88 -56.22 | 46.30 -0.91 -57.67 | 46.83 -0.52 -52.84 | 48.35 0.10 -47.13 | 47.79 -0.26 -50.70 | 48.64 -0.95 -59.46 | 61.51 -0.33 -65.07 | 63.36 0.38 -58.82 | 58.84 1.10 -45.48 | 146.83 7.93 -51.62 | 67.54 -0.96 -79.16 | 58.36 -0.54 -64.88 | 53.57 -1.07 -66.77 |
| PGE MADISON___WINDPWR 24146 | 26.44 0.47 -20.07 | 16.11 -1.13 -31.59 | 14.16 -0.96 -27.46 | 13.32 -0.89 -25.80 | 13.24 -1.03 -27.23 | 13.30 -1.06 -27.33 | 12.93 -0.80 -23.99 | 16.04 -0.48 -22.18 | 16.10 -0.43 -21.68 | 15.82 -0.45 -22.17 | 13.31 -0.64 -21.98 | 12.28 -0.77 -23.24 | 12.67 -0.70 -23.84 | 15.98 -0.38 -21.84 | 20.69 0.08 -19.48 | 18.13 -0.18 -20.96 | 13.86 -0.77 -24.50 | 22.76 -0.26 -26.26 | 27.49 0.44 -22.89 | 31.50 1.30 -17.94 | 116.44 8.80 -20.36 | 19.64 -0.91 -31.22 | 19.23 -0.38 -25.59 | 13.37 -0.80 -26.30 |
| PIERCEFIELD___HYD 23852 | 5.63 -0.27 0.00 | -13.64 0.71 0.00 | -11.71 0.63 0.00 | -11.01 0.58 0.00 | -12.27 0.68 0.00 | -12.27 0.69 0.00 | -9.72 0.54 0.00 | -5.38 0.28 0.00 | -4.91 0.24 0.00 | -5.60 0.30 0.00 | -7.59 0.44 0.00 | -9.61 0.57 0.00 | -9.89 0.58 0.00 | -5.18 0.31 0.00 | 1.05 -0.07 0.00 | -2.48 0.16 0.00 | -9.25 0.62 0.00 | -3.03 0.20 0.00 | 3.91 -0.24 0.00 | 11.61 -0.66 0.00 | 82.74 -4.54 0.00 | -10.15 0.52 0.00 | -5.69 0.28 0.00 | -11.49 0.63 0.00 |
| PINELAWN_CC_1 323563 | 55.56 0.72 -48.94 | 61.21 -1.48 -77.03 | 53.32 -1.32 -66.98 | 50.06 -1.26 -62.92 | 52.08 -1.37 -66.40 | 52.33 -1.35 -66.64 | 47.13 -1.13 -58.51 | 47.88 -0.56 -54.09 | 47.25 -0.46 -52.87 | 47.60 -0.56 -54.07 | 44.75 -0.82 -53.60 | 45.36 -1.12 -56.67 | 46.56 -1.10 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 48.98 -1.08 -59.93 | 62.01 -0.36 -65.61 | 64.12 0.51 -59.45 | 59.57 1.36 -45.95 | 149.36 9.92 -52.16 | 68.13 -1.19 -79.99 | 58.89 -0.68 -65.56 | 53.91 -1.40 -67.43 |
| PJM_GEN_HTP_PROXY 323702 | 55.37 0.54 -48.93 | 61.49 -1.17 -77.01 | 53.61 -1.02 -66.96 | 50.35 -0.96 -62.90 | 52.36 -1.07 -66.38 | 52.56 -1.10 -66.63 | 47.36 -0.89 -58.50 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.85 | 47.61 -0.53 -54.05 | 44.81 -0.74 -53.58 | 45.50 -0.97 -56.65 | 46.64 -1.01 -58.12 | 47.19 -0.56 -53.24 | 48.72 0.11 -47.49 | 48.16 -0.28 -51.08 | 49.02 -1.02 -59.92 | 62.01 -0.35 -65.59 | 74.64 0.40 -70.08 | 59.02 1.16 -45.60 | 147.99 8.57 -52.14 | 68.26 -1.03 -79.96 | 58.97 -0.59 -65.53 | 54.13 -1.15 -67.41 |
| PJM_GEN_KEystone 24065 | 35.41 0.29 -29.22 | 30.89 -0.75 -45.99 | 27.00 -0.65 -39.99 | 25.36 -0.62 -37.57 | 25.96 -0.74 -39.64 | 26.08 -0.74 -39.79 | 24.12 -0.56 -34.94 | 26.34 -0.30 -32.30 | 26.14 -0.27 -31.57 | 26.04 -0.34 -32.28 | 23.49 -0.48 -32.00 | 23.02 -0.64 -33.84 | 23.45 -0.65 -34.57 | 25.96 -0.35 -31.80 | 29.56 0.08 -28.36 | 27.68 -0.18 -30.51 | 25.17 -0.71 -35.75 | 35.52 -0.22 -38.97 | 50.16 0.32 -45.68 | 40.47 0.83 -27.37 | 123.55 5.43 -30.85 | 36.01 -0.62 -47.30 | 32.44 -0.35 -38.77 | 26.86 -0.84 -39.83 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 55.50 0.66 -48.94 | 61.32 -1.36 -77.03 | 53.43 -1.21 -66.98 | 50.17 -1.15 -62.92 | 52.19 -1.26 -66.40 | 52.44 -1.24 -66.64 | 47.23 -1.03 -58.51 | 47.92 -0.52 -54.09 | 47.28 -0.43 -52.87 | 47.63 -0.53 -54.07 | 44.79 -0.78 -53.60 | 45.40 -1.08 -56.67 | 46.60 -1.06 -58.13 | 47.19 -0.58 -53.26 | 48.73 0.12 -47.50 | 48.17 -0.28 -51.10 | 49.02 -1.04 -59.93 | 62.03 -0.35 -65.61 | 74.73 0.47 -70.10 | 59.15 1.27 -45.61 | 148.66 9.22 -52.16 | 68.21 -1.11 -79.99 | 58.95 -0.63 -65.56 | 54.01 -1.29 -67.43 |

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|----------------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| PJM_GEN_VFT_PROXY 323633 | 55.37 0.54 -48.93 | 61.52 -1.14 -77.01 | 53.63 -1.00 -66.97 | 50.37 -0.94 -62.91 | 52.39 -1.04 -66.38 | 52.59 -1.07 -66.63 | 47.38 -0.87 -58.50 | 47.95 -0.48 -54.08 | 47.27 -0.43 -52.86 | 47.63 -0.52 -54.05 | 44.83 -0.73 -53.59 | 45.52 -0.96 -56.66 | 46.65 -1.00 -58.12 | 47.20 -0.56 -53.25 | 48.72 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.01 -0.35 -65.60 | 74.64 0.39 -70.09 | 59.01 1.14 -45.60 | 147.94 8.51 -52.15 | 68.27 -1.03 -79.96 | 58.97 -0.59 -65.54 | 54.15 -1.14 -67.41 |
| PLEASANTVLY___LBMP 24000 | 56.71 0.45 -50.36 | 63.93 -0.98 -79.27 | 55.73 -0.85 -68.93 | 52.35 -0.80 -64.75 | 54.49 -0.89 -68.33 | 54.70 -0.91 -68.58 | 49.21 -0.74 -60.22 | 49.60 -0.41 -55.66 | 48.88 -0.37 -54.41 | 49.29 -0.44 -55.64 | 46.51 -0.62 -55.15 | 47.33 -0.80 -58.32 | 48.53 -0.83 -59.82 | 48.85 -0.46 -54.81 | 50.09 0.09 -48.88 | 49.71 -0.23 -52.58 | 50.98 -0.84 -61.69 | 64.16 -0.29 -67.68 | 66.26 0.34 -61.77 | 60.89 0.96 -47.67 | 148.44 7.05 -54.11 | 71.46 -0.85 -82.97 | 61.55 -0.48 -68.01 | 56.85 -0.94 -69.92 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 55.62 0.51 -49.21 | 62.01 -1.10 -77.46 | 54.05 -0.97 -67.36 | 50.78 -0.91 -63.27 | 52.81 -1.01 -66.77 | 53.02 -1.03 -67.02 | 47.74 -0.84 -58.84 | 48.28 -0.46 -54.40 | 47.60 -0.41 -53.17 | 47.97 -0.49 -54.37 | 45.17 -0.70 -53.90 | 45.90 -0.91 -56.99 | 47.05 -0.94 -58.46 | 47.54 -0.53 -53.56 | 48.99 0.10 -47.77 | 48.48 -0.26 -51.39 | 49.44 -0.95 -60.27 | 62.43 -0.33 -65.99 | 64.43 0.38 -59.89 | 59.67 1.11 -46.29 | 147.91 8.08 -52.55 | 68.94 -0.97 -80.58 | 59.51 -0.55 -66.04 | 54.72 -1.07 -67.92 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 56.78 0.48 -50.39 | 63.89 -1.07 -79.31 | 55.70 -0.93 -68.97 | 52.32 -0.87 -64.79 | 54.45 -0.97 -68.37 | 54.66 -0.99 -68.62 | 49.18 -0.81 -60.25 | 49.60 -0.44 -55.70 | 48.88 -0.39 -54.44 | 49.30 -0.47 -55.67 | 46.50 -0.66 -55.18 | 47.31 -0.85 -58.35 | 48.52 -0.87 -59.86 | 48.87 -0.48 -54.84 | 50.13 0.10 -48.91 | 49.73 -0.23 -52.61 | 50.80 -0.88 -61.55 | 62.92 -0.31 -66.46 | 64.93 0.37 -60.40 | 60.84 1.07 -47.51 | 148.97 7.77 -53.93 | 71.10 -0.93 -82.69 | 61.28 -0.52 -67.78 | 56.53 -1.02 -69.68 |
| POLETTI____ 23519 | 55.38 0.55 -48.93 | 61.49 -1.17 -77.01 | 53.60 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.36 -1.08 -66.38 | 52.56 -1.11 -66.63 | 47.35 -0.89 -58.50 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.05 | 44.82 -0.74 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.16 -0.27 -51.09 | 49.03 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.34 1.14 -45.94 | 147.82 8.39 -52.15 | 68.28 -1.02 -79.96 | 58.97 -0.59 -65.54 | 54.14 -1.15 -67.41 |
| PORT_JEFF_3 23555 | 55.56 0.72 -48.94 | 61.24 -1.44 -77.03 | 53.36 -1.28 -66.98 | 50.08 -1.25 -62.92 | 52.10 -1.35 -66.40 | 52.36 -1.32 -66.64 | 47.13 -1.12 -58.51 | 47.90 -0.53 -54.09 | 47.28 -0.44 -52.87 | 47.63 -0.53 -54.07 | 44.79 -0.78 -53.60 | 45.41 -1.07 -56.67 | 46.62 -1.04 -58.13 | 47.21 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.28 -51.10 | 49.03 -1.03 -59.93 | 62.03 -0.35 -65.61 | 64.11 0.51 -59.45 | 59.48 1.26 -45.95 | 148.61 9.17 -52.16 | 68.20 -1.12 -79.99 | 58.91 -0.67 -65.56 | 53.94 -1.36 -67.43 |
| PORT_JEFF_4 23616 | 55.56 0.72 -48.94 | 61.24 -1.44 -77.03 | 53.36 -1.28 -66.98 | 50.08 -1.25 -62.92 | 52.10 -1.35 -66.40 | 52.36 -1.32 -66.64 | 47.13 -1.12 -58.51 | 47.90 -0.53 -54.09 | 47.28 -0.44 -52.87 | 47.63 -0.53 -54.07 | 44.79 -0.78 -53.60 | 45.41 -1.07 -56.67 | 46.62 -1.04 -58.13 | 47.21 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.28 -51.10 | 49.03 -1.03 -59.93 | 62.03 -0.35 -65.61 | 64.11 0.51 -59.45 | 59.48 1.26 -45.95 | 148.61 9.17 -52.16 | 68.20 -1.12 -79.99 | 58.91 -0.67 -65.56 | 53.94 -1.36 -67.43 |
| PORT_JEFF_IC 23713 | 55.57 0.73 -48.94 | 61.23 -1.45 -77.03 | 53.34 -1.29 -66.98 | 50.06 -1.26 -62.92 | 52.08 -1.37 -66.40 | 52.34 -1.34 -66.64 | 47.12 -1.13 -58.51 | 47.90 -0.54 -54.09 | 47.27 -0.44 -52.87 | 47.63 -0.53 -54.07 | 44.78 -0.79 -53.60 | 45.41 -1.08 -56.67 | 46.61 -1.05 -58.13 | 47.20 -0.57 -53.26 | 48.74 0.12 -47.50 | 48.17 -0.28 -51.10 | 49.02 -1.04 -59.93 | 62.03 -0.35 -65.61 | 64.11 0.51 -59.45 | 59.44 1.23 -45.95 | 148.35 8.91 -52.16 | 68.22 -1.09 -79.99 | 58.91 -0.67 -65.56 | 53.93 -1.38 -67.43 |
| PPL PILGRIM_ST_GT1 24216 | 55.59 0.75 -48.94 | 61.17 -1.51 -77.03 | 53.29 -1.35 -66.98 | 50.02 -1.30 -62.92 | 52.04 -1.41 -66.40 | 52.30 -1.38 -66.64 | 47.10 -1.16 -58.51 | 47.87 -0.57 -54.09 | 47.25 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.74 -0.83 -53.60 | 45.34 -1.14 -56.67 | 46.55 -1.11 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 48.97 -1.08 -59.93 | 62.01 -0.36 -65.61 | 64.11 0.50 -59.45 | 59.48 1.26 -45.95 | 148.70 9.26 -52.16 | 68.20 -1.12 -79.99 | 58.88 -0.69 -65.56 | 53.88 -1.43 -67.43 |
| PPL PILGRIM_ST_GT2 24217 | 55.59 0.75 -48.94 | 61.17 -1.51 -77.03 | 53.29 -1.35 -66.98 | 50.02 -1.30 -62.92 | 52.04 -1.41 -66.40 | 52.30 -1.38 -66.64 | 47.10 -1.16 -58.51 | 47.87 -0.57 -54.09 | 47.25 -0.47 -52.87 | 47.59 -0.57 -54.07 | 44.74 -0.83 -53.60 | 45.34 -1.14 -56.67 | 46.55 -1.11 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 48.97 -1.08 -59.93 | 62.01 -0.36 -65.61 | 64.11 0.50 -59.45 | 59.48 1.26 -45.95 | 148.70 9.26 -52.16 | 68.20 -1.12 -79.99 | 58.88 -0.69 -65.56 | 53.88 -1.43 -67.43 |
| PPL_SHRM_GT3 24213 | 55.52 0.67 -48.94 | 61.40 -1.28 -77.03 | 53.51 -1.12 -66.98 | 50.20 -1.13 -62.92 | 52.22 -1.23 -66.40 | 52.48 -1.21 -66.64 | 47.21 -1.04 -58.51 | 47.98 -0.45 -54.09 | 47.35 -0.36 -52.87 | 47.72 -0.44 -54.07 | 44.91 -0.66 -53.60 | 45.58 -0.91 -56.67 | 46.80 -0.87 -58.13 | 47.30 -0.48 -53.26 | 48.72 0.09 -47.50 | 48.21 -0.24 -51.10 | 49.18 -0.88 -59.93 | 62.08 -0.30 -65.61 | 64.06 0.45 -59.45 | 59.38 1.17 -45.95 | 147.93 8.49 -52.16 | 68.29 -1.03 -79.99 | 58.99 -0.58 -65.56 | 54.10 -1.20 -67.43 |
| PPL_SHRM_GT4 24214 | 55.52 0.67 -48.94 | 61.40 -1.28 -77.03 | 53.51 -1.12 -66.98 | 50.20 -1.13 -62.92 | 52.22 -1.23 -66.40 | 52.48 -1.21 -66.64 | 47.21 -1.04 -58.51 | 47.98 -0.45 -54.09 | 47.35 -0.36 -52.87 | 47.72 -0.44 -54.07 | 44.91 -0.66 -53.60 | 45.58 -0.91 -56.67 | 46.80 -0.87 -58.13 | 47.30 -0.48 -53.26 | 48.72 0.09 -47.50 | 48.21 -0.24 -51.10 | 49.18 -0.88 -59.93 | 62.08 -0.30 -65.61 | 64.06 0.45 -59.45 | 59.38 1.17 -45.95 | 147.93 8.49 -52.16 | 68.29 -1.03 -79.99 | 58.99 -0.58 -65.56 | 54.10 -1.20 -67.43 |
| PROJECT___ORANGE 1 24174 | 11.68 -0.01 -5.78 | -5.25 -0.01 -9.10 | -4.44 -0.01 -7.91 | -4.17 -0.01 -7.43 | -5.13 -0.03 -7.85 | -5.12 -0.04 -7.87 | -3.37 -0.02 -6.92 | 0.72 -0.01 -6.39 | 1.08 -0.01 -6.25 | 0.47 -0.02 -6.39 | -1.71 -0.02 -6.33 | -3.50 -0.01 -6.70 | -3.60 -0.01 -6.87 | 0.81 0.01 -6.29 | 6.74 0.00 -5.61 | 3.39 0.00 -6.04 | -2.85 -0.04 -7.06 | 4.37 -0.01 -7.62 | 11.31 0.04 -7.11 | 17.95 0.11 -5.57 | 94.15 0.54 -6.33 | -1.02 -0.05 -9.70 | 1.96 -0.01 -7.95 | -4.01 -0.06 -8.17 |
| PROJECT___ORANGE 2 24166 | 11.68 -0.01 -5.78 | -5.25 -0.01 -9.10 | -4.44 -0.01 -7.91 | -4.17 -0.01 -7.43 | -5.13 -0.03 -7.85 | -5.12 -0.04 -7.87 | -3.37 -0.02 -6.92 | 0.72 -0.01 -6.39 | 1.08 -0.01 -6.25 | 0.47 -0.02 -6.39 | -1.71 -0.02 -6.33 | -3.50 -0.01 -6.70 | -3.60 -0.01 -6.87 | 0.81 0.01 -6.29 | 6.74 0.00 -5.61 | 3.39 0.00 -6.04 | -2.85 -0.04 -7.06 | 4.37 -0.01 -7.62 | 11.31 0.04 -7.11 | 17.95 0.11 -5.57 | 94.15 0.54 -6.33 | -1.02 -0.05 -9.70 | 1.96 -0.01 -7.95 | -4.01 -0.06 -8.17 |
| PYRITES___HYD 24023 | 5.76 -0.14 0.00 | -13.92 0.42 0.00 | -11.96 0.38 0.00 | -11.24 0.36 0.00 | -12.53 0.41 0.00 | -12.54 0.42 0.00 | -9.93 0.33 0.00 | -5.50 0.16 0.00 | -5.02 0.13 0.00 | -5.73 0.18 0.00 | -7.76 0.27 0.00 | -9.83 0.36 0.00 | -10.11 0.36 0.00 | -5.30 0.19 0.00 | 1.08 -0.05 0.00 | -2.54 0.11 0.00 | -9.46 0.42 0.00 | -3.10 0.13 0.00 | 4.00 -0.15 0.00 | 11.88 -0.38 0.00 | 84.73 -2.55 0.00 | -10.38 0.28 0.00 | -5.82 0.16 0.00 | -11.76 0.36 0.00 |

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|---------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| RAMAPO___LBMP 323565 | 53.93 0.47 -47.55 | 59.46 -1.04 -74.85 | 51.83 -0.91 -65.08 | 48.68 -0.86 -61.14 | 50.60 -0.96 -64.52 | 50.79 -1.00 -64.76 | 45.80 -0.80 -56.86 | 46.46 -0.44 -52.56 | 45.83 -0.39 -51.37 | 46.16 -0.47 -52.53 | 43.40 -0.65 -52.08 | 44.04 -0.84 -55.06 | 45.15 -0.87 -56.49 | 45.75 -0.51 -51.75 | 47.38 0.10 -46.16 | 46.75 -0.25 -49.65 | 47.41 -0.94 -58.22 | 60.07 -0.33 -63.64 | 61.73 0.38 -57.20 | 57.59 1.07 -44.26 | 145.25 7.74 -50.24 | 65.44 -0.93 -77.03 | 56.63 -0.53 -63.14 | 51.69 -1.04 -64.86 |
| RANKINE____ 23646 | 16.33 0.06 -10.37 | 1.54 -0.45 -16.33 | 1.44 -0.41 -14.20 | 1.36 -0.38 -13.34 | 0.62 -0.51 -14.08 | 0.67 -0.50 -14.13 | 1.73 -0.42 -12.41 | 5.61 -0.21 -11.48 | 5.89 -0.18 -11.23 | 5.37 -0.20 -11.48 | 3.08 -0.27 -11.38 | 1.56 -0.29 -12.03 | 1.58 -0.30 -12.34 | 5.71 -0.10 -11.30 | 11.23 0.04 -10.07 | 8.11 -0.08 -10.83 | 2.46 -0.34 -12.67 | 31.30 -0.07 -34.61 | 48.84 0.16 -44.53 | 60.72 0.45 -48.01 | 164.70 2.53 -74.89 | 16.05 -0.33 -27.04 | 7.63 -0.18 -13.79 | 1.46 -0.58 -14.17 |
| RAVENSWOOD_GT2_1 24244 | 55.38 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.37 1.17 -45.94 | 148.00 8.57 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.59 -65.54 | 54.13 -1.16 -67.42 |
| RAVENSWOOD_GT2_2 24245 | 55.38 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.37 1.17 -45.94 | 148.00 8.57 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.59 -65.54 | 54.13 -1.16 -67.42 |
| RAVENSWOOD_GT2_3 24246 | 55.38 0.55 -48.93 | 61.49 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.36 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.40 -59.43 | 59.38 1.17 -45.94 | 148.06 8.64 -52.15 | 68.26 -1.05 -79.97 | 58.97 -0.59 -65.54 | 54.12 -1.17 -67.42 |
| RAVENSWOOD_GT2_4 24247 | 55.38 0.55 -48.93 | 61.49 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.36 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.02 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.35 -65.60 | 64.00 0.40 -59.43 | 59.38 1.17 -45.94 | 148.06 8.64 -52.15 | 68.26 -1.05 -79.97 | 58.97 -0.59 -65.54 | 54.12 -1.17 -67.42 |
| RAVENSWOOD_GT3_1 24248 | 55.38 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.74 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.38 1.17 -45.94 | 148.00 8.57 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.59 -65.54 | 54.13 -1.16 -67.42 |
| RAVENSWOOD_GT3_2 24249 | 55.38 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.74 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.38 1.17 -45.94 | 148.00 8.57 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.59 -65.54 | 54.13 -1.16 -67.42 |
| RAVENSWOOD_GT3_3 24250 | 55.39 0.55 -48.93 | 61.48 -1.19 -77.02 | 53.59 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.35 -1.08 -66.39 | 52.56 -1.12 -66.63 | 47.35 -0.90 -58.51 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.81 -0.76 -53.59 | 45.49 -0.99 -56.66 | 46.63 -1.03 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.01 -1.04 -59.92 | 62.01 -0.36 -65.60 | 64.01 0.42 -59.43 | 59.40 1.19 -45.94 | 148.16 8.74 -52.15 | 68.25 -1.06 -79.97 | 58.96 -0.60 -65.54 | 54.11 -1.18 -67.42 |
| RAVENSWOOD_GT3_4 24251 | 55.39 0.55 -48.93 | 61.48 -1.19 -77.02 | 53.59 -1.03 -66.97 | 50.34 -0.97 -62.91 | 52.35 -1.08 -66.39 | 52.56 -1.12 -66.63 | 47.35 -0.90 -58.51 | 47.93 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.61 -0.54 -54.06 | 44.81 -0.76 -53.59 | 45.49 -0.99 -56.66 | 46.63 -1.03 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.01 -1.04 -59.92 | 62.01 -0.36 -65.60 | 64.01 0.42 -59.43 | 59.40 1.19 -45.94 | 148.16 8.74 -52.15 | 68.25 -1.06 -79.97 | 58.96 -0.60 -65.54 | 54.11 -1.18 -67.42 |
| RAVENSWOOD_GT_1 23729 | 55.39 0.56 -48.93 | 61.49 -1.18 -77.02 | 53.59 -1.04 -66.97 | 50.35 -0.97 -62.91 | 52.36 -1.08 -66.39 | 52.55 -1.12 -66.63 | 47.35 -0.90 -58.51 | 47.93 -0.50 -54.08 | 47.25 -0.45 -52.86 | 47.61 -0.55 -54.06 | 44.79 -0.76 -53.59 | 45.47 -1.00 -56.66 | 46.61 -1.05 -58.12 | 47.17 -0.59 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.00 -1.05 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.40 -59.43 | 59.41 1.20 -45.94 | 148.26 8.83 -52.15 | 68.23 -1.08 -79.97 | 58.93 -0.63 -65.54 | 54.07 -1.22 -67.42 |
| RAVENSWOOD_GT_10 24258 | 55.38 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 64.00 0.40 -59.43 | 59.37 1.17 -45.94 | 148.00 8.57 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.59 -65.54 | 54.13 -1.16 -67.42 |
| RAVENSWOOD_GT_11 24259 | 55.38 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 64.00 0.40 -59.43 | 59.37 1.17 -45.94 | 148.00 8.57 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.59 -65.54 | 54.13 -1.16 -67.42 |
| RAVENSWOOD_GT_4 24252 | 55.39 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.75 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.37 1.17 -45.94 | 147.98 8.55 -52.15 | 68.27 -1.03 -79.97 | 58.97 -0.59 -65.54 | 54.14 -1.16 -67.42 |
| RAVENSWOOD_GT_5 24254 | 55.39 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.75 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.37 1.17 -45.94 | 147.98 8.55 -52.15 | 68.27 -1.03 -79.97 | 58.97 -0.59 -65.54 | 54.14 -1.16 -67.42 |

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|-----------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| RAVENSWOOD_GT_6 24253 | 55.39 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.75 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.37 1.17 -45.94 | 147.98 8.55 -52.15 | 68.27 -1.03 -79.97 | 58.97 -0.59 -65.54 | 54.14 -1.16 -67.42 |
| RAVENSWOOD_GT_7 24255 | 55.39 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.75 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.37 1.17 -45.94 | 147.98 8.55 -52.15 | 68.27 -1.03 -79.97 | 58.97 -0.59 -65.54 | 54.14 -1.16 -67.42 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 55.38 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 64.00 0.40 -59.43 | 59.37 1.17 -45.94 | 148.00 8.57 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.59 -65.54 | 54.13 -1.16 -67.42 |
| RAVENSWOOD_GT_9 24257 | 55.38 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.74 -53.59 | 45.51 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.03 -1.02 -59.92 | 62.02 -0.35 -65.60 | 64.00 0.40 -59.43 | 59.37 1.17 -45.94 | 148.00 8.57 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.59 -65.54 | 54.13 -1.16 -67.42 |
| RAVENSWOOD___1 23533 | 55.38 0.55 -48.93 | 61.51 -1.15 -77.02 | 53.62 -1.01 -66.97 | 50.37 -0.95 -62.91 | 52.38 -1.05 -66.39 | 52.58 -1.09 -66.63 | 47.37 -0.88 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.98 -56.66 | 46.63 -1.03 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.39 -59.43 | 59.39 1.18 -45.94 | 148.25 8.81 -52.15 | 68.23 -1.07 -79.97 | 58.95 -0.62 -65.54 | 54.10 -1.20 -67.42 |
| RAVENSWOOD___2 23534 | 55.38 0.55 -48.93 | 61.51 -1.15 -77.02 | 53.62 -1.01 -66.97 | 50.37 -0.95 -62.91 | 52.38 -1.05 -66.39 | 52.58 -1.09 -66.63 | 47.37 -0.88 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.98 -56.66 | 46.63 -1.03 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.39 -59.43 | 59.39 1.18 -45.94 | 148.25 8.81 -52.15 | 68.23 -1.07 -79.97 | 58.95 -0.62 -65.54 | 54.10 -1.20 -67.42 |
| RAVENSWOOD___3 23535 | 55.39 0.55 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.35 -0.96 -62.91 | 52.37 -1.07 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.82 -0.75 -53.59 | 45.50 -0.97 -56.66 | 46.64 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.28 -51.09 | 49.02 -1.02 -59.92 | 62.01 -0.35 -65.60 | 63.99 0.40 -59.43 | 59.38 1.17 -45.94 | 148.04 8.61 -52.15 | 68.27 -1.04 -79.97 | 58.97 -0.60 -65.54 | 54.13 -1.17 -67.42 |
| RAVENSWOOD___4 23820 | 55.38 0.55 -48.93 | 61.51 -1.15 -77.02 | 53.62 -1.01 -66.97 | 50.37 -0.95 -62.91 | 52.38 -1.05 -66.39 | 52.58 -1.09 -66.63 | 47.37 -0.88 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.98 -56.66 | 46.63 -1.03 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.39 -59.43 | 59.39 1.18 -45.94 | 148.25 8.81 -52.15 | 68.23 -1.07 -79.97 | 58.95 -0.62 -65.54 | 54.10 -1.20 -67.42 |
| RCPL_TRUST___DRP 24196 | 55.38 0.55 -48.93 | 61.46 -1.20 -77.01 | 53.58 -1.04 -66.96 | 50.32 -0.98 -62.90 | 52.34 -1.09 -66.38 | 52.54 -1.12 -66.63 | 47.33 -0.91 -58.50 | 47.92 -0.50 -54.08 | 47.25 -0.45 -52.85 | 47.60 -0.54 -54.05 | 44.79 -0.76 -53.58 | 45.48 -1.00 -56.65 | 46.62 -1.03 -58.12 | 47.17 -0.58 -53.24 | 48.72 0.12 -47.49 | 48.16 -0.28 -51.08 | 49.00 -1.04 -59.92 | 62.00 -0.36 -65.59 | 64.00 0.42 -59.43 | 59.40 1.20 -45.94 | 148.20 8.78 -52.14 | 68.23 -1.06 -79.96 | 58.95 -0.60 -65.53 | 54.10 -1.18 -67.41 |
| RED___ROCHESTER 323720 | 13.70 0.03 -7.76 | -2.38 -0.25 -12.22 | -1.95 -0.23 -10.63 | -1.83 -0.21 -9.98 | -2.69 -0.28 -10.53 | -2.67 -0.28 -10.57 | -1.23 -0.25 -9.28 | 2.80 -0.12 -8.58 | 3.13 -0.10 -8.39 | 2.57 -0.10 -8.58 | 0.34 -0.14 -8.50 | -1.32 -0.13 -8.99 | -1.38 -0.14 -9.22 | 2.91 -0.04 -8.45 | 8.66 0.01 -7.53 | 5.41 -0.04 -8.10 | -0.54 -0.14 -9.47 | 6.93 -0.03 -10.20 | 13.51 0.07 -9.28 | 19.79 0.25 -7.27 | 96.99 1.46 -8.25 | 1.79 -0.20 -12.66 | 4.28 -0.11 -10.37 | -1.79 -0.32 -10.66 |
| RENSSELAER___COGEN 23796 | 69.95 0.36 -63.69 | 85.06 -0.83 -100.24 | 74.11 -0.71 -87.17 | 69.62 -0.67 -81.88 | 72.72 -0.74 -86.41 | 73.03 -0.73 -86.73 | 65.30 -0.59 -76.15 | 64.41 -0.33 -70.39 | 63.34 -0.30 -68.80 | 64.11 -0.34 -70.36 | 61.26 -0.46 -69.75 | 62.98 -0.58 -73.74 | 64.56 -0.62 -75.65 | 63.51 -0.31 -69.31 | 63.00 0.06 -61.81 | 63.69 -0.16 -66.50 | 66.81 -0.58 -77.26 | 77.31 -0.21 -80.76 | 76.52 0.24 -72.12 | 72.00 0.68 -59.06 | 159.49 5.17 -67.04 | 91.52 -0.61 -102.80 | 77.92 -0.35 -84.25 | 73.78 -0.70 -86.61 |
| REVERE_CPPR_DRP 24186 | 8.53 0.10 -2.52 | -10.63 -0.25 -3.96 | -9.11 -0.21 -3.45 | -8.55 -0.20 -3.24 | -9.76 -0.23 -3.42 | -9.77 -0.23 -3.43 | -7.42 -0.17 -3.01 | -2.98 -0.10 -2.79 | -2.53 -0.09 -2.72 | -3.21 -0.09 -2.78 | -5.39 -0.12 -2.76 | -7.40 -0.13 -2.92 | -7.59 -0.12 -2.99 | -2.80 -0.05 -2.74 | 3.58 0.01 -2.44 | -0.04 -0.03 -2.63 | -6.94 -0.14 -3.07 | 0.13 -0.05 -3.41 | 8.34 0.11 -4.07 | 15.81 0.36 -3.18 | 93.38 2.49 -3.62 | -5.36 -0.24 -5.55 | -1.53 -0.10 -4.55 | -7.66 -0.21 -4.67 |
| RIVERBAY____ 323610 | 55.37 0.53 -48.93 | 61.61 -1.06 -77.02 | 53.69 -0.94 -66.97 | 50.42 -0.89 -62.91 | 52.47 -0.97 -66.39 | 52.61 -1.06 -66.63 | 47.43 -0.82 -58.51 | 47.96 -0.47 -54.08 | 47.29 -0.41 -52.86 | 47.65 -0.51 -54.06 | 44.84 -0.72 -53.59 | 45.53 -0.95 -56.66 | 46.67 -0.99 -58.12 | 47.19 -0.57 -53.25 | 48.72 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.07 -0.98 -59.92 | 62.02 -0.34 -65.60 | 63.96 0.37 -59.43 | 59.34 1.13 -45.94 | 147.65 8.23 -52.15 | 68.29 -1.02 -79.97 | 58.96 -0.60 -65.54 | 54.11 -1.18 -67.42 |
| ROARING___BROOK_WT_PWR 323790 | 3.76 -0.04 2.11 | -17.42 0.24 3.32 | -15.02 0.21 2.88 | -14.10 0.20 2.71 | -15.53 0.28 2.86 | -15.56 0.27 2.87 | -12.53 0.25 2.52 | -7.84 0.14 2.33 | -7.31 0.13 2.28 | -8.12 0.12 2.33 | -10.22 0.12 2.31 | -12.50 0.12 2.44 | -12.86 0.12 2.51 | -7.74 0.05 2.29 | -0.94 -0.01 2.04 | -4.82 0.03 2.20 | -12.38 0.10 2.61 | -5.94 0.04 2.74 | 4.12 -0.03 0.00 | 12.11 -0.15 0.00 | 85.87 -1.41 0.00 | -10.39 0.27 0.00 | -5.79 0.18 0.00 | -11.73 0.40 0.00 |
| ROCHESTER_9_IC 23652 | 13.67 0.00 -7.76 | -2.32 -0.19 -12.22 | -1.90 -0.18 -10.62 | -1.78 -0.17 -9.98 | -2.64 -0.23 -10.53 | -2.62 -0.23 -10.57 | -1.19 -0.21 -9.28 | 2.83 -0.10 -8.58 | 3.15 -0.08 -8.39 | 2.60 -0.07 -8.58 | 0.37 -0.10 -8.50 | -1.28 -0.09 -8.99 | -1.34 -0.09 -9.22 | 2.94 -0.02 -8.45 | 8.66 0.01 -7.53 | 5.42 -0.03 -8.10 | -0.50 -0.10 -9.47 | 6.94 -0.01 -10.20 | 13.49 0.05 -9.28 | 19.72 0.19 -7.27 | 96.55 1.02 -8.25 | 1.84 -0.15 -12.66 | 4.31 -0.08 -10.37 | -1.73 -0.27 -10.66 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| ROSETON___1 23587 | 55.51 0.44 -49.17 | 62.07 -0.96 -77.38 | 54.11 -0.84 -67.29 | 50.83 -0.79 -63.21 | 52.88 -0.88 -66.70 | 53.09 -0.90 -66.95 | 47.80 -0.73 -58.79 | 48.29 -0.40 -54.34 | 47.60 -0.36 -53.11 | 47.98 -0.43 -54.31 | 45.22 -0.60 -53.84 | 45.97 -0.78 -56.93 | 47.13 -0.80 -58.40 | 47.56 -0.46 -53.51 | 48.93 0.09 -47.72 | 48.46 -0.22 -51.33 | 49.49 -0.82 -60.19 | 62.30 -0.28 -65.82 | 64.29 0.33 -59.80 | 59.52 0.95 -46.31 | 146.74 6.90 -52.56 | 69.10 -0.83 -80.60 | 59.61 -0.47 -66.06 | 54.86 -0.93 -67.91 |
| ROSETON___2 23588 | 55.51 0.44 -49.17 | 62.07 -0.96 -77.38 | 54.11 -0.84 -67.29 | 50.83 -0.79 -63.21 | 52.88 -0.88 -66.70 | 53.09 -0.90 -66.95 | 47.80 -0.73 -58.79 | 48.29 -0.40 -54.34 | 47.60 -0.36 -53.11 | 47.98 -0.43 -54.31 | 45.22 -0.60 -53.84 | 45.97 -0.78 -56.93 | 47.13 -0.80 -58.40 | 47.56 -0.46 -53.51 | 48.93 0.09 -47.72 | 48.46 -0.22 -51.33 | 49.49 -0.82 -60.19 | 62.30 -0.28 -65.82 | 64.29 0.33 -59.80 | 59.52 0.95 -46.31 | 146.74 6.90 -52.56 | 69.10 -0.83 -80.60 | 59.61 -0.47 -66.06 | 54.86 -0.93 -67.91 |
| RUSSELL___1 23602 | 13.70 0.03 -7.76 | -2.38 -0.25 -12.22 | -1.95 -0.23 -10.63 | -1.83 -0.21 -9.98 | -2.69 -0.28 -10.53 | -2.67 -0.28 -10.57 | -1.23 -0.25 -9.28 | 2.80 -0.12 -8.58 | 3.13 -0.10 -8.39 | 2.57 -0.10 -8.58 | 0.34 -0.14 -8.50 | -1.32 -0.13 -8.99 | -1.38 -0.14 -9.22 | 2.91 -0.04 -8.45 | 8.66 0.01 -7.53 | 5.41 -0.04 -8.10 | -0.54 -0.14 -9.47 | 6.93 -0.03 -10.20 | 13.51 0.07 -9.28 | 19.79 0.25 -7.27 | 96.99 1.46 -8.25 | 1.79 -0.20 -12.66 | 4.28 -0.11 -10.37 | -1.79 -0.32 -10.66 |
| RUSSELL___2 23532 | 13.70 0.03 -7.76 | -2.38 -0.25 -12.22 | -1.95 -0.23 -10.63 | -1.83 -0.21 -9.98 | -2.69 -0.28 -10.53 | -2.67 -0.28 -10.57 | -1.23 -0.25 -9.28 | 2.80 -0.12 -8.58 | 3.13 -0.10 -8.39 | 2.57 -0.10 -8.58 | 0.34 -0.14 -8.50 | -1.32 -0.13 -8.99 | -1.38 -0.14 -9.22 | 2.91 -0.04 -8.45 | 8.66 0.01 -7.53 | 5.41 -0.04 -8.10 | -0.54 -0.14 -9.47 | 6.93 -0.03 -10.20 | 13.51 0.07 -9.28 | 19.79 0.25 -7.27 | 96.99 1.46 -8.25 | 1.79 -0.20 -12.66 | 4.28 -0.11 -10.37 | -1.79 -0.32 -10.66 |
| RUSSELL___3 23549 | 13.70 0.03 -7.76 | -2.38 -0.25 -12.22 | -1.95 -0.23 -10.63 | -1.83 -0.21 -9.98 | -2.69 -0.28 -10.53 | -2.67 -0.28 -10.57 | -1.23 -0.25 -9.28 | 2.80 -0.12 -8.58 | 3.13 -0.10 -8.39 | 2.57 -0.10 -8.58 | 0.34 -0.14 -8.50 | -1.32 -0.13 -8.99 | -1.38 -0.14 -9.22 | 2.91 -0.04 -8.45 | 8.66 0.01 -7.53 | 5.41 -0.04 -8.10 | -0.54 -0.14 -9.47 | 6.93 -0.03 -10.20 | 13.51 0.07 -9.28 | 19.79 0.25 -7.27 | 96.99 1.46 -8.25 | 1.79 -0.20 -12.66 | 4.28 -0.11 -10.37 | -1.79 -0.32 -10.66 |
| RUSSELL___4 23556 | 13.70 0.03 -7.76 | -2.38 -0.25 -12.22 | -1.95 -0.23 -10.63 | -1.83 -0.21 -9.98 | -2.69 -0.28 -10.53 | -2.67 -0.28 -10.57 | -1.23 -0.25 -9.28 | 2.80 -0.12 -8.58 | 3.13 -0.10 -8.39 | 2.57 -0.10 -8.58 | 0.34 -0.14 -8.50 | -1.32 -0.13 -8.99 | -1.38 -0.14 -9.22 | 2.91 -0.04 -8.45 | 8.66 0.01 -7.53 | 5.41 -0.04 -8.10 | -0.54 -0.14 -9.47 | 6.93 -0.03 -10.20 | 13.51 0.07 -9.28 | 19.79 0.25 -7.27 | 96.99 1.46 -8.25 | 1.79 -0.20 -12.66 | 4.28 -0.11 -10.37 | -1.79 -0.32 -10.66 |
| RUSSELL___STATION 23914 | 13.70 0.03 -7.76 | -2.38 -0.25 -12.22 | -1.95 -0.23 -10.63 | -1.83 -0.21 -9.98 | -2.69 -0.28 -10.53 | -2.67 -0.28 -10.57 | -1.23 -0.25 -9.28 | 2.80 -0.12 -8.58 | 3.13 -0.10 -8.39 | 2.57 -0.10 -8.58 | 0.34 -0.14 -8.50 | -1.32 -0.13 -8.99 | -1.38 -0.14 -9.22 | 2.91 -0.04 -8.45 | 8.66 0.01 -7.53 | 5.41 -0.04 -8.10 | -0.54 -0.14 -9.47 | 6.93 -0.03 -10.20 | 13.51 0.07 -9.28 | 19.79 0.25 -7.27 | 96.99 1.46 -8.25 | 1.79 -0.20 -12.66 | 4.28 -0.11 -10.37 | -1.79 -0.32 -10.66 |
| S SALMON___HYD 24043 | 10.31 -0.10 -4.50 | -7.01 0.24 -7.09 | -5.96 0.22 -6.16 | -5.60 0.20 -5.79 | -6.61 0.22 -6.11 | -6.59 0.23 -6.13 | -4.65 0.23 -5.39 | -0.56 0.12 -4.98 | -0.18 0.11 -4.86 | -0.79 0.14 -4.97 | -2.91 0.19 -4.93 | -4.70 0.26 -5.22 | -4.85 0.27 -5.35 | -0.44 0.15 -4.90 | 5.46 -0.03 -4.37 | 2.12 0.07 -4.70 | -4.16 0.21 -5.50 | 2.78 0.06 -5.95 | 9.80 -0.03 -5.68 | 16.59 -0.12 -4.45 | 91.22 -1.10 -5.05 | -2.73 0.19 -7.75 | 0.51 0.15 -6.35 | -5.36 0.24 -6.52 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 15.93 0.00 -10.03 | 1.12 -0.31 -15.78 | 1.08 -0.30 -13.72 | 1.02 -0.28 -12.89 | 0.27 -0.38 -13.61 | 0.32 -0.37 -13.66 | 1.41 -0.33 -11.99 | 5.27 -0.15 -11.09 | 5.56 -0.12 -10.84 | 5.05 -0.13 -11.08 | 2.77 -0.18 -10.99 | 1.26 -0.17 -11.61 | 1.27 -0.18 -11.92 | 5.38 -0.04 -10.91 | 10.86 0.02 -9.72 | 7.76 -0.05 -10.46 | 2.16 -0.19 -12.23 | 27.77 -0.03 -31.04 | 43.58 0.08 -39.35 | 54.52 0.24 -42.01 | 153.51 1.18 -65.06 | 14.11 -0.19 -24.96 | 7.23 -0.11 -13.32 | 1.12 -0.45 -13.69 |
| SELKIRK___I 23801 | 68.19 0.29 -61.99 | 82.52 -0.71 -97.57 | 71.88 -0.62 -84.85 | 67.52 -0.59 -79.71 | 70.50 -0.66 -84.11 | 70.80 -0.66 -84.42 | 63.34 -0.52 -74.12 | 62.58 -0.28 -68.52 | 61.55 -0.26 -66.97 | 62.28 -0.30 -68.49 | 59.45 -0.42 -67.89 | 61.08 -0.53 -71.79 | 62.62 -0.55 -73.63 | 61.68 -0.29 -67.46 | 61.35 0.06 -60.17 | 61.94 -0.14 -64.73 | 65.00 -0.53 -75.41 | 76.70 -0.19 -80.12 | 78.31 0.22 -73.93 | 72.29 0.60 -59.42 | 159.05 4.31 -67.46 | 92.23 -0.54 -103.43 | 78.50 -0.29 -84.78 | 74.42 -0.60 -87.15 |
| SELKIRK___II 23799 | 68.42 0.32 -62.19 | 82.78 -0.76 -97.89 | 72.12 -0.66 -85.12 | 67.75 -0.61 -79.96 | 70.74 -0.69 -84.38 | 71.04 -0.68 -84.69 | 63.55 -0.55 -74.36 | 62.79 -0.30 -68.74 | 61.75 -0.28 -67.19 | 62.48 -0.32 -68.71 | 59.65 -0.43 -68.11 | 61.29 -0.55 -72.01 | 62.84 -0.57 -73.87 | 61.90 -0.30 -67.68 | 61.54 0.06 -60.36 | 62.14 -0.15 -64.94 | 65.17 -0.55 -75.59 | 76.47 -0.19 -79.89 | 77.22 0.23 -72.84 | 71.77 0.63 -58.88 | 158.82 4.70 -66.84 | 91.25 -0.57 -102.49 | 77.70 -0.32 -84.00 | 73.58 -0.64 -86.35 |
| SENECA OSWGO___HYD 24041 | 11.02 -0.07 -5.18 | -6.04 0.15 -8.16 | -5.12 0.12 -7.10 | -4.81 0.12 -6.67 | -5.80 0.12 -7.04 | -5.79 0.11 -7.06 | -3.97 0.09 -6.20 | 0.13 0.05 -5.73 | 0.50 0.05 -5.60 | -0.12 0.06 -5.73 | -2.27 0.08 -5.68 | -4.06 0.12 -6.00 | -4.18 0.13 -6.16 | 0.24 0.08 -5.64 | 6.14 -0.01 -5.03 | 2.80 0.03 -5.42 | -3.45 0.10 -6.33 | 3.62 0.03 -6.83 | 10.48 -0.02 -6.34 | 17.17 -0.06 -4.96 | 92.37 -0.55 -5.64 | -1.94 0.09 -8.64 | 1.17 0.06 -7.08 | -4.75 0.09 -7.28 |
| SENECA___ENERGY 23797 | 14.32 0.05 -8.37 | -1.35 -0.17 -13.17 | -1.03 -0.14 -11.45 | -0.98 -0.14 -10.76 | -1.79 -0.19 -11.35 | -1.78 -0.21 -11.40 | -0.42 -0.16 -10.01 | 3.50 -0.09 -9.25 | 3.81 -0.08 -9.04 | 3.24 -0.10 -9.24 | 1.03 -0.10 -9.17 | -0.59 -0.09 -9.69 | -0.62 -0.09 -9.94 | 3.58 -0.04 -9.11 | 9.26 0.01 -8.12 | 6.07 -0.02 -8.74 | 0.21 -0.14 -10.22 | 7.72 -0.05 -11.00 | 14.30 0.12 -10.02 | 20.44 0.33 -7.85 | 97.85 1.66 -8.91 | 2.80 -0.20 -13.66 | 5.14 -0.08 -11.20 | -0.84 -0.23 -11.51 |
| SHOEMAKER___GT 23640 | 52.10 0.41 -45.79 | 56.82 -0.90 -72.07 | 49.54 -0.79 -62.67 | 46.53 -0.74 -58.87 | 48.34 -0.83 -62.12 | 48.54 -0.85 -62.35 | 43.81 -0.67 -54.75 | 44.59 -0.37 -50.61 | 43.99 -0.33 -49.47 | 44.30 -0.38 -50.59 | 41.58 -0.54 -50.15 | 42.14 -0.70 -53.02 | 43.19 -0.73 -54.39 | 43.94 -0.40 -49.83 | 45.64 0.08 -44.44 | 44.96 -0.20 -47.81 | 45.43 -0.75 -56.05 | 57.65 -0.26 -61.14 | 58.80 0.31 -54.34 | 55.23 0.88 -42.09 | 141.36 6.31 -47.78 | 61.83 -0.77 -73.26 | 53.64 -0.43 -60.04 | 48.71 -0.86 -61.70 |
| SHOREHAM_IC_1 23715 | 55.52 0.67 -48.94 | 61.40 -1.28 -77.03 | 53.51 -1.12 -66.98 | 50.20 -1.13 -62.92 | 52.22 -1.23 -66.40 | 52.48 -1.21 -66.64 | 47.21 -1.04 -58.51 | 47.98 -0.45 -54.09 | 47.35 -0.36 -52.87 | 47.72 -0.44 -54.07 | 44.91 -0.66 -53.60 | 45.58 -0.91 -56.67 | 46.80 -0.87 -58.13 | 47.30 -0.48 -53.26 | 48.72 0.09 -47.50 | 48.21 -0.24 -51.10 | 49.18 -0.88 -59.93 | 62.08 -0.30 -65.61 | 64.06 0.45 -59.45 | 59.38 1.17 -45.95 | 147.93 8.49 -52.16 | 68.29 -1.03 -79.99 | 58.99 -0.58 -65.56 | 54.10 -1.20 -67.43 |

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| SHOREHAM_IC_2 23716 | 55.52 0.67 -48.94 | 61.40 -1.28 -77.03 | 53.51 -1.12 -66.98 | 50.20 -1.13 -62.92 | 52.22 -1.23 -66.40 | 52.48 -1.21 -66.64 | 47.21 -1.04 -58.51 | 47.98 -0.45 -54.09 | 47.35 -0.36 -52.87 | 47.72 -0.44 -54.07 | 44.91 -0.66 -53.60 | 45.58 -0.91 -56.67 | 46.80 -0.87 -58.13 | 47.30 -0.48 -53.26 | 48.72 0.09 -47.50 | 48.21 -0.24 -51.10 | 49.18 -0.88 -59.93 | 62.08 -0.30 -65.61 | 64.06 0.45 -59.45 | 59.38 1.17 -45.95 | 147.93 8.49 -52.16 | 68.29 -1.03 -79.99 | 58.99 -0.58 -65.56 | 54.10 -1.20 -67.43 |
| SISSONVILLE____ 23735 | 5.63 -0.27 0.00 | -13.64 0.71 0.00 | -11.71 0.63 0.00 | -11.01 0.58 0.00 | -12.27 0.68 0.00 | -12.27 0.69 0.00 | -9.72 0.54 0.00 | -5.38 0.28 0.00 | -4.91 0.24 0.00 | -5.60 0.30 0.00 | -7.59 0.44 0.00 | -9.61 0.57 0.00 | -9.89 0.58 0.00 | -5.18 0.31 0.00 | 1.05 -0.07 0.00 | -2.48 0.16 0.00 | -9.25 0.62 0.00 | -3.03 0.20 0.00 | 3.91 -0.24 0.00 | 11.61 -0.66 0.00 | 82.74 -4.54 0.00 | -10.15 0.52 0.00 | -5.69 0.28 0.00 | -11.49 0.63 0.00 |
| SITHE_IND_GS1 24169 | 9.92 -0.13 -4.15 | -7.54 0.28 -6.53 | -6.42 0.24 -5.67 | -6.04 0.23 -5.33 | -7.07 0.25 -5.63 | -7.07 0.24 -5.65 | -5.11 0.19 -4.96 | -0.97 0.11 -4.59 | -0.58 0.10 -4.48 | -1.21 0.11 -4.58 | -3.33 0.16 -4.54 | -5.17 0.21 -4.80 | -5.32 0.21 -4.93 | -0.86 0.12 -4.51 | 5.12 -0.02 -4.02 | 1.73 0.05 -4.33 | -4.62 0.19 -5.06 | 2.28 0.06 -5.45 | 9.12 -0.07 -5.04 | 16.01 -0.19 -3.94 | 90.20 -1.56 -4.48 | -3.61 0.20 -6.86 | -0.23 0.12 -5.63 | -6.13 0.22 -5.78 |
| SITHE_IND_GS2 24170 | 9.92 -0.13 -4.15 | -7.54 0.28 -6.53 | -6.42 0.24 -5.67 | -6.04 0.23 -5.33 | -7.07 0.25 -5.63 | -7.07 0.24 -5.65 | -5.11 0.19 -4.96 | -0.97 0.11 -4.59 | -0.58 0.10 -4.48 | -1.21 0.11 -4.58 | -3.33 0.16 -4.54 | -5.17 0.21 -4.80 | -5.32 0.21 -4.93 | -0.86 0.12 -4.51 | 5.12 -0.02 -4.02 | 1.73 0.05 -4.33 | -4.62 0.19 -5.06 | 2.28 0.06 -5.45 | 9.12 -0.07 -5.04 | 16.01 -0.19 -3.94 | 90.20 -1.56 -4.48 | -3.61 0.20 -6.86 | -0.23 0.12 -5.63 | -6.13 0.22 -5.78 |
| SITHE_IND_GS3 24171 | 9.92 -0.13 -4.15 | -7.54 0.28 -6.53 | -6.42 0.24 -5.67 | -6.04 0.23 -5.33 | -7.07 0.25 -5.63 | -7.07 0.24 -5.65 | -5.11 0.19 -4.96 | -0.97 0.11 -4.59 | -0.58 0.10 -4.48 | -1.21 0.11 -4.58 | -3.33 0.16 -4.54 | -5.17 0.21 -4.80 | -5.32 0.21 -4.93 | -0.86 0.12 -4.51 | 5.12 -0.02 -4.02 | 1.73 0.05 -4.33 | -4.62 0.19 -5.06 | 2.28 0.06 -5.45 | 9.12 -0.07 -5.04 | 16.01 -0.19 -3.94 | 90.20 -1.56 -4.48 | -3.61 0.20 -6.86 | -0.23 0.12 -5.63 | -6.13 0.22 -5.78 |
| SITHE_IND_GS4 24172 | 9.92 -0.13 -4.15 | -7.54 0.28 -6.53 | -6.42 0.24 -5.67 | -6.04 0.23 -5.33 | -7.07 0.25 -5.63 | -7.07 0.24 -5.65 | -5.11 0.19 -4.96 | -0.97 0.11 -4.59 | -0.58 0.10 -4.48 | -1.21 0.11 -4.58 | -3.33 0.16 -4.54 | -5.17 0.21 -4.80 | -5.32 0.21 -4.93 | -0.86 0.12 -4.51 | 5.12 -0.02 -4.02 | 1.73 0.05 -4.33 | -4.62 0.19 -5.06 | 2.28 0.06 -5.45 | 9.12 -0.07 -5.04 | 16.01 -0.19 -3.94 | 90.20 -1.56 -4.48 | -3.61 0.20 -6.86 | -0.23 0.12 -5.63 | -6.13 0.22 -5.78 |
| SITHE____BATAVIA 24024 | 14.96 0.09 -8.97 | -0.70 -0.47 -14.12 | -0.51 -0.44 -12.28 | -0.47 -0.41 -11.53 | -1.30 -0.53 -12.17 | -1.25 -0.50 -12.21 | 0.03 -0.44 -10.72 | 4.05 -0.21 -9.93 | 4.39 -0.16 -9.71 | 3.89 -0.13 -9.93 | 1.64 -0.18 -9.84 | 0.07 -0.16 -10.41 | 0.06 -0.15 -10.68 | 4.28 0.00 -9.77 | 9.85 0.01 -8.71 | 6.68 -0.05 -9.37 | 0.88 -0.20 -10.96 | 21.48 -0.04 -24.75 | 34.83 0.10 -30.57 | 44.68 0.36 -32.06 | 138.44 2.19 -48.98 | 9.93 -0.30 -20.90 | 5.82 -0.17 -11.96 | -0.38 -0.55 -12.30 |
| SITHE____INDEPEND 23800 | 9.92 -0.13 -4.15 | -7.54 0.28 -6.53 | -6.42 0.24 -5.67 | -6.04 0.23 -5.33 | -7.07 0.25 -5.63 | -7.07 0.24 -5.65 | -5.11 0.19 -4.96 | -0.97 0.11 -4.59 | -0.58 0.10 -4.48 | -1.21 0.11 -4.58 | -3.33 0.16 -4.54 | -5.17 0.21 -4.80 | -5.32 0.21 -4.93 | -0.86 0.12 -4.51 | 5.12 -0.02 -4.02 | 1.73 0.05 -4.33 | -4.62 0.19 -5.06 | 2.28 0.06 -5.45 | 9.12 -0.07 -5.04 | 16.01 -0.19 -3.94 | 90.20 -1.56 -4.48 | -3.61 0.20 -6.86 | -0.23 0.12 -5.63 | -6.13 0.22 -5.78 |
| SITHE____MASSENA 23902 | 5.82 -0.08 0.00 | -14.09 0.25 0.00 | -12.11 0.23 0.00 | -11.38 0.21 0.00 | -12.69 0.26 0.00 | -12.69 0.27 0.00 | -10.06 0.20 0.00 | -5.56 0.10 0.00 | -5.07 0.09 0.00 | -5.79 0.12 0.00 | -7.86 0.17 0.00 | -9.96 0.22 0.00 | -10.25 0.22 0.00 | -5.37 0.11 0.00 | 1.09 -0.03 0.00 | -2.58 0.07 0.00 | -9.60 0.27 0.00 | -3.14 0.09 0.00 | 4.04 -0.11 0.00 | 11.98 -0.29 0.00 | 85.37 -1.91 0.00 | -10.48 0.19 0.00 | -5.89 0.09 0.00 | -11.91 0.21 0.00 |
| SITHE____OGDNSBRG 24021 | 5.82 -0.09 0.00 | -14.07 0.28 0.00 | -12.09 0.25 0.00 | -11.35 0.24 0.00 | -12.66 0.28 0.00 | -12.66 0.30 0.00 | -10.04 0.22 0.00 | -5.55 0.10 0.00 | -5.07 0.09 0.00 | -5.78 0.12 0.00 | -7.84 0.19 0.00 | -9.93 0.25 0.00 | -10.21 0.26 0.00 | -5.35 0.14 0.00 | 1.08 -0.03 0.00 | -2.57 0.08 0.00 | -9.56 0.31 0.00 | -3.13 0.10 0.00 | 4.04 -0.12 0.00 | 11.99 -0.28 0.00 | 85.50 -1.77 0.00 | -10.48 0.18 0.00 | -5.88 0.09 0.00 | -11.89 0.24 0.00 |
| SITHE____STERLING 23777 | 9.14 0.09 -3.15 | -9.60 -0.21 -4.96 | -8.22 -0.18 -4.31 | -7.72 -0.17 -4.05 | -8.87 -0.20 -4.27 | -8.88 -0.21 -4.29 | -6.65 -0.15 -3.76 | -2.27 -0.09 -3.48 | -1.84 -0.08 -3.40 | -2.51 -0.09 -3.48 | -4.70 -0.12 -3.45 | -6.67 -0.14 -3.65 | -6.85 -0.13 -3.74 | -2.12 -0.06 -3.43 | 4.19 0.02 -3.06 | 0.61 -0.03 -3.29 | -6.18 -0.15 -3.84 | 0.94 -0.05 -4.23 | 8.98 0.11 -4.72 | 16.28 0.32 -3.70 | 93.62 2.15 -4.19 | -4.45 -0.21 -6.43 | -0.80 -0.09 -5.27 | -6.89 -0.18 -5.42 |
| SOUTH CAIRO____GT 23612 | 59.78 0.45 -53.42 | 68.67 -1.06 -84.09 | 59.86 -0.92 -73.12 | 56.23 -0.86 -68.69 | 58.57 -0.96 -72.48 | 58.82 -0.97 -72.75 | 52.84 -0.77 -63.88 | 52.97 -0.43 -59.05 | 52.17 -0.39 -57.71 | 52.67 -0.45 -59.02 | 49.89 -0.59 -58.51 | 50.94 -0.74 -61.86 | 52.24 -0.75 -63.46 | 52.26 -0.39 -58.14 | 53.05 0.08 -51.85 | 52.94 -0.20 -55.78 | 54.61 -0.73 -65.21 | 66.87 -0.26 -70.36 | 68.71 0.35 -64.21 | 63.85 1.00 -50.58 | 152.13 7.43 -57.42 | 76.49 -0.89 -88.04 | 65.69 -0.48 -72.16 | 61.08 -0.97 -74.18 |
| SOUTH HAMPTN____IC 23720 | 55.62 0.78 -48.94 | 61.15 -1.53 -77.03 | 53.29 -1.35 -66.98 | 49.99 -1.33 -62.92 | 51.99 -1.46 -66.40 | 52.24 -1.44 -66.64 | 47.03 -1.23 -58.51 | 47.87 -0.57 -54.09 | 47.25 -0.46 -52.87 | 47.61 -0.56 -54.07 | 44.75 -0.81 -53.60 | 45.38 -1.11 -56.67 | 46.59 -1.07 -58.13 | 47.19 -0.58 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 48.97 -1.08 -59.93 | 62.01 -0.37 -65.61 | 64.15 0.55 -59.45 | 59.65 1.43 -45.95 | 149.93 10.49 -52.16 | 68.06 -1.26 -79.99 | 58.87 -0.71 -65.56 | 53.85 -1.46 -67.43 |
| SOUTHOLD____IC 23719 | 55.71 0.87 -48.94 | 60.95 -1.73 -77.03 | 53.13 -1.51 -66.98 | 49.84 -1.49 -62.92 | 51.82 -1.63 -66.40 | 52.06 -1.62 -66.64 | 46.88 -1.38 -58.51 | 47.79 -0.65 -54.09 | 47.17 -0.55 -52.87 | 47.52 -0.64 -54.07 | 44.64 -0.93 -53.60 | 45.25 -1.24 -56.67 | 46.45 -1.21 -58.13 | 47.11 -0.66 -53.26 | 48.75 0.13 -47.50 | 48.12 -0.33 -51.10 | 48.82 -1.24 -59.93 | 61.96 -0.42 -65.61 | 64.22 0.62 -59.45 | 59.87 1.66 -45.95 | 151.32 11.88 -52.16 | 67.90 -1.42 -79.99 | 58.79 -0.79 -65.56 | 53.69 -1.61 -67.43 |
| ST LAWRENCE____ 23600 | 5.79 -0.12 0.00 | -14.01 0.34 0.00 | -12.05 0.30 0.00 | -11.32 0.28 0.00 | -12.62 0.32 0.00 | -12.62 0.34 0.00 | -10.00 0.26 0.00 | -5.52 0.14 0.00 | -5.04 0.12 0.00 | -5.76 0.15 0.00 | -7.82 0.21 0.00 | -9.91 0.27 0.00 | -10.20 0.27 0.00 | -5.35 0.14 0.00 | 1.08 -0.03 0.00 | -2.57 0.08 0.00 | -9.56 0.31 0.00 | -3.13 0.10 0.00 | 4.02 -0.14 0.00 | 11.89 -0.37 0.00 | 84.83 -2.44 0.00 | -10.41 0.25 0.00 | -5.86 0.12 0.00 | -11.84 0.28 0.00 |

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| STATION 5_MISC_HYD 23604 | 13.67 0.00 -7.76 | -2.32 -0.19 -12.22 | -1.90 -0.18 -10.62 | -1.78 -0.17 -9.98 | -2.64 -0.23 -10.53 | -2.62 -0.23 -10.57 | -1.19 -0.21 -9.28 | 2.83 -0.10 -8.58 | 3.15 -0.08 -8.39 | 2.60 -0.07 -8.58 | 0.37 -0.10 -8.50 | -1.28 -0.09 -8.99 | -1.34 -0.09 -9.22 | 2.94 -0.02 -8.45 | 8.66 0.01 -7.53 | 5.42 -0.03 -8.10 | -0.50 -0.10 -9.47 | 6.94 -0.01 -10.20 | 13.49 0.05 -9.28 | 19.72 0.19 -7.27 | 96.55 1.02 -8.25 | 1.84 -0.15 -12.66 | 4.31 -0.08 -10.37 | -1.73 -0.27 -10.66 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 13.79 0.04 -7.84 | -2.23 -0.23 -12.34 | -1.81 -0.20 -10.73 | -1.70 -0.19 -10.08 | -2.56 -0.25 -10.64 | -2.54 -0.26 -10.68 | -1.10 -0.22 -9.38 | 2.90 -0.11 -8.67 | 3.21 -0.10 -8.47 | 2.65 -0.11 -8.67 | 0.42 -0.14 -8.59 | -1.23 -0.13 -9.08 | -1.28 -0.13 -9.31 | 3.00 -0.04 -8.54 | 8.75 0.02 -7.61 | 5.50 -0.04 -8.19 | -0.46 -0.16 -9.57 | 7.02 -0.05 -10.30 | 13.65 0.10 -9.39 | 19.94 0.32 -7.35 | 97.46 1.84 -8.35 | 1.92 -0.22 -12.80 | 4.41 -0.10 -10.49 | -1.63 -0.29 -10.78 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 13.58 -0.04 -7.71 | -2.29 -0.08 -12.14 | -1.87 -0.08 -10.55 | -1.75 -0.07 -9.92 | -2.61 -0.12 -10.46 | -2.58 -0.12 -10.50 | -1.17 -0.13 -9.22 | 2.81 -0.05 -8.53 | 3.13 -0.05 -8.33 | 2.58 -0.03 -8.52 | 0.37 -0.05 -8.45 | -1.27 -0.02 -8.93 | -1.32 -0.02 -9.16 | 2.92 0.02 -8.39 | 8.60 0.00 -7.48 | 5.39 -0.01 -8.05 | -0.50 -0.03 -9.41 | 6.90 0.00 -10.13 | 13.41 0.03 -9.22 | 19.60 0.11 -7.22 | 95.92 0.44 -8.20 | 1.83 -0.07 -12.58 | 4.29 -0.04 -10.31 | -1.71 -0.17 -10.59 |
| STEEL___WIND 323596 | 16.34 0.06 -10.37 | 1.53 -0.45 -16.33 | 1.43 -0.43 -14.20 | 1.35 -0.39 -13.34 | 0.61 -0.52 -14.08 | 0.66 -0.50 -14.13 | 1.72 -0.43 -12.41 | 5.61 -0.21 -11.48 | 5.89 -0.18 -11.23 | 5.37 -0.20 -11.48 | 3.08 -0.27 -11.38 | 1.57 -0.28 -12.03 | 1.59 -0.29 -12.34 | 5.71 -0.10 -11.30 | 11.23 0.04 -10.07 | 8.11 -0.08 -10.83 | 2.46 -0.34 -12.67 | 31.30 -0.08 -34.61 | 48.85 0.16 -44.53 | 60.73 0.46 -48.01 | 164.76 2.59 -74.89 | 16.03 -0.34 -27.04 | 7.62 -0.19 -13.79 | 1.45 -0.60 -14.17 |
| STEBEN_REC_LFGE 323667 | 20.43 0.23 -14.30 | 7.48 -0.68 -22.51 | 6.65 -0.58 -19.57 | 6.25 -0.54 -18.38 | 5.78 -0.67 -19.40 | 5.82 -0.69 -19.47 | 6.31 -0.52 -17.10 | 9.86 -0.29 -15.81 | 10.01 -0.29 -15.45 | 9.52 -0.38 -15.80 | 7.13 -0.50 -15.66 | 5.81 -0.58 -16.56 | 5.97 -0.55 -16.99 | 9.81 -0.28 -15.58 | 15.10 0.08 -13.90 | 12.14 -0.17 -14.95 | 6.91 -0.70 -17.48 | 19.63 -0.22 -23.08 | 28.02 0.38 -23.48 | 34.35 1.02 -21.07 | 121.92 6.58 -28.06 | 13.83 -0.67 -25.17 | 12.67 -0.28 -18.93 | 6.56 -0.76 -19.45 |
| STONY___BROOK 24151 | 55.60 0.75 -48.94 | 61.16 -1.52 -77.03 | 53.29 -1.35 -66.98 | 50.02 -1.31 -62.92 | 52.03 -1.42 -66.40 | 52.29 -1.39 -66.64 | 47.08 -1.18 -58.51 | 47.87 -0.57 -54.09 | 47.25 -0.46 -52.87 | 47.60 -0.56 -54.07 | 44.74 -0.82 -53.60 | 45.36 -1.13 -56.67 | 46.57 -1.10 -58.13 | 47.17 -0.59 -53.26 | 48.74 0.12 -47.50 | 48.15 -0.30 -51.10 | 48.97 -1.08 -59.93 | 62.01 -0.37 -65.61 | 64.13 0.53 -59.45 | 59.53 1.31 -45.95 | 149.01 9.58 -52.16 | 68.16 -1.17 -79.99 | 58.88 -0.70 -65.56 | 53.87 -1.43 -67.43 |
| STURGEON_POOL_HYD 23609 | 56.54 0.41 -50.23 | 63.80 -0.91 -79.06 | 55.62 -0.79 -68.75 | 52.24 -0.74 -64.58 | 54.37 -0.82 -68.15 | 54.58 -0.86 -68.40 | 49.12 -0.68 -60.06 | 49.49 -0.38 -55.52 | 48.77 -0.34 -54.26 | 49.18 -0.40 -55.49 | 46.41 -0.57 -55.01 | 47.23 -0.75 -58.16 | 48.44 -0.76 -59.66 | 48.74 -0.43 -54.66 | 49.96 0.09 -48.76 | 49.59 -0.20 -52.45 | 50.76 -0.77 -61.40 | 63.18 -0.26 -66.69 | 65.13 0.32 -60.65 | 60.55 0.92 -47.37 | 147.57 6.53 -53.77 | 71.00 -0.79 -82.45 | 61.16 -0.44 -67.58 | 56.48 -0.86 -69.47 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 52.86 0.43 -46.53 | 57.92 -0.96 -73.23 | 50.50 -0.84 -63.68 | 47.43 -0.79 -59.82 | 49.29 -0.88 -63.12 | 49.48 -0.91 -63.36 | 44.64 -0.73 -55.63 | 45.37 -0.40 -51.43 | 44.75 -0.36 -50.26 | 45.07 -0.42 -51.40 | 42.33 -0.59 -50.95 | 42.93 -0.76 -53.87 | 44.01 -0.79 -55.26 | 44.69 -0.45 -50.63 | 46.37 0.09 -45.16 | 45.71 -0.22 -48.58 | 46.24 -0.85 -56.96 | 58.65 -0.29 -62.18 | 60.03 0.34 -55.53 | 56.24 0.98 -43.00 | 143.12 7.04 -48.81 | 63.32 -0.85 -74.84 | 54.88 -0.47 -61.34 | 49.95 -0.95 -63.02 |
| SYNERGY___BIOGAS 323694 | 14.96 0.09 -8.97 | -0.70 -0.47 -14.12 | -0.51 -0.44 -12.28 | -0.47 -0.41 -11.53 | -1.30 -0.53 -12.17 | -1.25 -0.50 -12.21 | 0.03 -0.44 -10.72 | 4.05 -0.21 -9.93 | 4.39 -0.16 -9.71 | 3.89 -0.13 -9.93 | 1.64 -0.18 -9.84 | 0.07 -0.16 -10.41 | 0.06 -0.15 -10.68 | 4.28 0.00 -9.77 | 9.85 0.01 -8.71 | 6.68 -0.05 -9.37 | 0.88 -0.20 -10.96 | 21.48 -0.04 -24.75 | 34.83 0.10 -30.57 | 44.68 0.36 -32.06 | 138.44 2.19 -48.98 | 9.93 -0.30 -20.90 | 5.82 -0.17 -11.96 | -0.38 -0.55 -12.30 |
| SYRACUSE___ENERGY_ST1 323597 | 12.52 0.02 -6.61 | -4.02 -0.07 -10.40 | -3.36 -0.06 -9.04 | -3.16 -0.05 -8.49 | -4.07 -0.08 -8.96 | -4.06 -0.09 -9.00 | -2.43 -0.07 -7.90 | 1.61 -0.03 -7.30 | 1.95 -0.03 -7.14 | 1.35 -0.04 -7.30 | -0.85 -0.05 -7.23 | -2.58 -0.05 -7.65 | -2.67 -0.04 -7.84 | 1.68 -0.02 -7.19 | 7.54 0.01 -6.41 | 4.24 -0.01 -6.90 | -1.88 -0.07 -8.06 | 5.43 -0.03 -8.69 | 12.21 0.06 -7.99 | 18.70 0.17 -6.26 | 95.27 0.89 -7.11 | 0.14 -0.09 -10.90 | 2.92 -0.03 -8.93 | -3.04 -0.10 -9.18 |
| SYRACUSE___ENERGY_ST2 323598 | 12.52 0.02 -6.61 | -4.02 -0.07 -10.40 | -3.36 -0.06 -9.04 | -3.16 -0.05 -8.49 | -4.07 -0.08 -8.96 | -4.06 -0.09 -9.00 | -2.43 -0.07 -7.90 | 1.61 -0.03 -7.30 | 1.95 -0.03 -7.14 | 1.35 -0.04 -7.30 | -0.85 -0.05 -7.23 | -2.58 -0.05 -7.65 | -2.67 -0.04 -7.84 | 1.68 -0.02 -7.19 | 7.54 0.01 -6.41 | 4.24 -0.01 -6.90 | -1.88 -0.07 -8.06 | 5.43 -0.03 -8.69 | 12.21 0.06 -7.99 | 18.70 0.17 -6.26 | 95.27 0.89 -7.11 | 0.14 -0.09 -10.90 | 2.92 -0.03 -8.93 | -3.04 -0.10 -9.18 |
| SYRACUSE___POWER 24017 | 12.81 0.03 -6.88 | -3.60 -0.08 -10.82 | -3.00 -0.07 -9.41 | -2.82 -0.06 -8.84 | -3.71 -0.09 -9.33 | -3.70 -0.10 -9.37 | -2.11 -0.07 -8.22 | 1.90 -0.04 -7.60 | 2.24 -0.04 -7.43 | 1.65 -0.05 -7.60 | -0.55 -0.06 -7.53 | -2.28 -0.06 -7.96 | -2.36 -0.05 -8.17 | 1.98 -0.02 -7.48 | 7.81 0.01 -6.68 | 4.52 -0.01 -7.18 | -1.57 -0.09 -8.40 | 5.79 -0.03 -9.05 | 12.58 0.07 -8.35 | 18.99 0.18 -6.54 | 95.76 1.06 -7.43 | 0.62 -0.11 -11.39 | 3.32 -0.04 -9.34 | -2.64 -0.11 -9.60 |
| TRIGEN___CC 323695 | 55.49 0.65 -48.94 | 61.33 -1.35 -77.03 | 53.44 -1.20 -66.98 | 50.18 -1.14 -62.92 | 52.20 -1.25 -66.40 | 52.44 -1.24 -66.64 | 47.24 -1.02 -58.51 | 47.92 -0.52 -54.09 | 47.27 -0.44 -52.87 | 47.62 -0.54 -54.07 | 44.78 -0.79 -53.60 | 45.39 -1.09 -56.67 | 46.58 -1.08 -58.13 | 47.17 -0.60 -53.26 | 48.74 0.12 -47.50 | 48.16 -0.29 -51.10 | 49.00 -1.06 -59.93 | 62.02 -0.36 -65.61 | 64.08 0.48 -59.45 | 59.50 1.28 -45.95 | 148.80 9.36 -52.16 | 68.20 -1.12 -79.99 | 58.95 -0.63 -65.56 | 54.02 -1.28 -67.43 |
| UNION___PROCESSING_DRP 323587 | 13.70 0.00 -7.80 | -2.24 -0.17 -12.28 | -1.83 -0.17 -10.68 | -1.72 -0.15 -10.03 | -2.58 -0.21 -10.58 | -2.55 -0.21 -10.63 | -1.13 -0.20 -9.33 | 2.87 -0.09 -8.63 | 3.20 -0.08 -8.43 | 2.65 -0.07 -8.62 | 0.42 -0.09 -8.55 | -1.22 -0.08 -9.03 | -1.28 -0.08 -9.27 | 2.99 -0.01 -8.49 | 8.70 0.01 -7.57 | 5.47 -0.02 -8.14 | -0.44 -0.09 -9.52 | 7.00 -0.01 -10.25 | 13.53 0.04 -9.33 | 19.74 0.17 -7.31 | 96.48 0.91 -8.29 | 1.92 -0.13 -12.72 | 4.37 -0.08 -10.42 | -1.67 -0.26 -10.71 |
| UPPER HUDSON___HYD 24058 | 74.71 0.29 -68.52 | 92.84 -0.66 -107.85 | 80.92 -0.52 -93.79 | 76.01 -0.49 -88.10 | 79.47 -0.54 -92.97 | 79.82 -0.52 -93.31 | 71.21 -0.47 -81.93 | 69.81 -0.27 -75.74 | 68.61 -0.26 -74.03 | 69.51 -0.28 -75.70 | 66.65 -0.36 -75.04 | 68.72 -0.45 -79.35 | 70.48 -0.45 -81.39 | 68.90 -0.18 -74.57 | 67.67 0.04 -66.51 | 68.79 -0.11 -71.54 | 72.81 -0.43 -83.11 | 82.97 -0.16 -86.36 | 78.21 0.28 -73.77 | 73.84 0.76 -60.82 | 162.75 6.44 -69.04 | 94.48 -0.72 -105.86 | 80.40 -0.38 -86.76 | 76.36 -0.70 -89.19 |

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|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| UPPER RAQUET___HYD 24056 | 5.63 -0.27 0.00 | -13.64 0.71 0.00 | -11.71 0.63 0.00 | -11.01 0.58 0.00 | -12.27 0.68 0.00 | -12.27 0.69 0.00 | -9.72 0.54 0.00 | -5.38 0.28 0.00 | -4.91 0.24 0.00 | -5.60 0.30 0.00 | -7.59 0.44 0.00 | -9.61 0.57 0.00 | -9.89 0.58 0.00 | -5.18 0.31 0.00 | 1.05 -0.07 0.00 | -2.48 0.16 0.00 | -9.25 0.62 0.00 | -3.03 0.20 0.00 | 3.91 -0.24 0.00 | 11.61 -0.66 0.00 | 82.74 -4.54 0.00 | -10.15 0.52 0.00 | -5.69 0.28 0.00 | -11.49 0.63 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 33.97 0.40 -27.66 | 28.23 -0.96 -43.54 | 24.69 -0.83 -37.87 | 23.18 -0.79 -35.57 | 23.69 -0.90 -37.53 | 23.78 -0.93 -37.67 | 22.11 -0.71 -33.08 | 24.53 -0.39 -30.58 | 24.38 -0.35 -29.89 | 24.24 -0.42 -30.56 | 21.70 -0.57 -30.30 | 21.12 -0.73 -32.04 | 21.66 -0.74 -32.86 | 24.22 -0.40 -30.11 | 28.06 0.08 -26.85 | 26.05 -0.19 -28.89 | 23.14 -0.75 -33.76 | 32.49 -0.25 -35.98 | 34.16 0.33 -29.67 | 36.61 0.89 -23.45 | 120.00 6.10 -26.62 | 29.43 -0.72 -40.82 | 27.09 -0.38 -33.46 | 21.46 -0.80 -34.39 |
| VISCHER___FERRY HYD 24020 | 72.57 0.35 -66.32 | 89.22 -0.82 -104.38 | 77.74 -0.69 -90.77 | 73.03 -0.64 -85.27 | 76.32 -0.71 -89.98 | 76.67 -0.68 -90.31 | 68.47 -0.57 -79.30 | 67.33 -0.31 -73.31 | 66.19 -0.30 -71.65 | 67.03 -0.33 -73.26 | 64.17 -0.43 -72.63 | 66.07 -0.54 -76.79 | 67.74 -0.57 -78.78 | 66.42 -0.26 -72.17 | 65.55 0.05 -64.37 | 66.45 -0.14 -69.24 | 69.94 -0.54 -80.35 | 79.66 -0.20 -83.10 | 76.00 0.27 -71.57 | 72.34 0.73 -59.36 | 160.50 5.85 -67.37 | 91.98 -0.66 -103.31 | 78.31 -0.38 -84.67 | 74.16 -0.76 -87.04 |
| V_CMM_10_SYNC_DSASP 323787 | 5.81 -0.10 0.00 | -14.07 0.28 0.00 | -12.10 0.24 0.00 | -11.37 0.23 0.00 | -12.67 0.27 0.00 | -12.68 0.28 0.00 | -10.04 0.21 0.00 | -5.55 0.11 0.00 | -5.06 0.09 0.00 | -5.78 0.12 0.00 | -7.85 0.18 0.00 | -9.96 0.22 0.00 | -10.24 0.23 0.00 | -5.37 0.12 0.00 | 1.09 -0.03 0.00 | -2.58 0.07 0.00 | -9.60 0.27 0.00 | -3.14 0.09 0.00 | 4.03 -0.12 0.00 | 11.95 -0.31 0.00 | 85.20 -2.08 0.00 | -10.46 0.21 0.00 | -5.88 0.10 0.00 | -11.90 0.22 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 5.86 -0.04 0.00 | -14.24 0.11 0.00 | -12.20 0.14 0.00 | -11.46 0.14 0.00 | -12.75 0.19 0.00 | -12.79 0.17 0.00 | -10.14 0.12 0.00 | -5.61 0.05 0.00 | -5.12 0.04 0.00 | -5.84 0.07 0.00 | -7.91 0.12 0.00 | -9.99 0.19 0.00 | -10.31 0.16 0.00 | -5.40 0.08 0.00 | 1.09 -0.03 0.00 | -2.58 0.07 0.00 | -9.56 0.31 0.00 | -3.14 0.09 0.00 | 4.02 -0.14 0.00 | 11.82 -0.44 0.00 | 84.33 -2.94 0.00 | -10.45 0.21 0.00 | -5.91 0.06 0.00 | -11.89 0.24 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 74.53 0.40 -68.23 | 92.10 -0.94 -107.39 | 80.26 -0.78 -93.38 | 75.40 -0.73 -87.72 | 78.80 -0.81 -92.57 | 79.15 -0.80 -92.91 | 70.66 -0.66 -81.58 | 69.39 -0.37 -75.42 | 68.20 -0.35 -73.71 | 69.08 -0.39 -75.37 | 66.18 -0.51 -74.72 | 68.19 -0.63 -79.01 | 69.92 -0.65 -81.04 | 68.47 -0.30 -74.25 | 67.41 0.07 -66.22 | 68.43 -0.16 -71.24 | 72.24 -0.62 -82.74 | 82.45 -0.23 -85.91 | 77.94 0.35 -73.44 | 73.83 0.96 -60.60 | 163.56 7.49 -68.79 | 93.97 -0.85 -105.48 | 80.00 -0.47 -86.45 | 75.83 -0.92 -88.87 |
| V_F_30_SYNC_DSASP 323786 | 71.33 0.38 -65.05 | 87.15 -0.88 -102.38 | 75.93 -0.76 -89.03 | 71.32 -0.71 -83.63 | 74.51 -0.79 -88.25 | 74.84 -0.78 -88.58 | 66.88 -0.64 -77.77 | 65.89 -0.35 -71.90 | 64.78 -0.33 -70.27 | 65.58 -0.37 -71.86 | 62.72 -0.49 -71.24 | 64.51 -0.63 -75.32 | 66.14 -0.66 -77.26 | 64.97 -0.33 -70.79 | 64.32 0.07 -63.13 | 65.10 -0.17 -67.91 | 68.39 -0.63 -78.90 | 78.81 -0.22 -82.26 | 76.96 0.27 -72.53 | 72.58 0.75 -59.55 | 160.68 5.80 -67.60 | 92.31 -0.68 -103.66 | 78.59 -0.39 -84.96 | 74.43 -0.77 -87.34 |
| V_XM_10_SYNC_DSASP 323789 | 5.86 -0.04 0.00 | -14.24 0.11 0.00 | -12.20 0.14 0.00 | -11.46 0.14 0.00 | -12.75 0.19 0.00 | -12.79 0.17 0.00 | -10.14 0.12 0.00 | -5.61 0.05 0.00 | -5.12 0.04 0.00 | -5.84 0.07 0.00 | -7.91 0.12 0.00 | -9.99 0.19 0.00 | -10.31 0.16 0.00 | -5.40 0.08 0.00 | 1.09 -0.03 0.00 | -2.58 0.07 0.00 | -9.56 0.31 0.00 | -3.14 0.09 0.00 | 4.02 -0.14 0.00 | 11.82 -0.44 0.00 | 84.33 -2.94 0.00 | -10.45 0.21 0.00 | -5.91 0.06 0.00 | -11.89 0.24 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 54.08 0.51 -47.67 | 59.55 -1.12 -75.03 | 51.92 -0.98 -65.24 | 48.76 -0.92 -61.29 | 50.70 -1.03 -64.67 | 50.88 -1.07 -64.91 | 45.88 -0.86 -56.99 | 46.56 -0.47 -52.69 | 45.92 -0.42 -51.50 | 46.26 -0.50 -52.66 | 43.48 -0.70 -52.21 | 44.11 -0.91 -55.20 | 45.22 -0.94 -56.62 | 45.84 -0.54 -51.87 | 47.50 0.11 -46.27 | 46.86 -0.27 -49.77 | 47.49 -1.00 -58.36 | 60.22 -0.35 -63.80 | 61.94 0.40 -57.38 | 57.82 1.16 -44.40 | 146.02 8.35 -50.40 | 65.61 -1.00 -77.28 | 56.79 -0.57 -63.34 | 51.83 -1.12 -65.08 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 55.38 0.55 -48.93 | 61.46 -1.20 -77.01 | 53.58 -1.04 -66.96 | 50.32 -0.98 -62.90 | 52.34 -1.09 -66.38 | 52.54 -1.12 -66.63 | 47.33 -0.91 -58.50 | 47.92 -0.50 -54.08 | 47.25 -0.45 -52.85 | 47.60 -0.54 -54.05 | 44.79 -0.76 -53.58 | 45.48 -1.00 -56.65 | 46.62 -1.03 -58.12 | 47.17 -0.58 -53.24 | 48.72 0.12 -47.49 | 48.16 -0.28 -51.08 | 49.00 -1.04 -59.92 | 62.00 -0.36 -65.59 | 64.00 0.42 -59.43 | 59.40 1.20 -45.94 | 148.20 8.78 -52.14 | 68.23 -1.06 -79.96 | 58.95 -0.60 -65.53 | 54.10 -1.18 -67.41 |
| WADING RIVER_IC_1 23522 | 55.52 0.67 -48.94 | 61.41 -1.27 -77.03 | 53.52 -1.12 -66.98 | 50.20 -1.13 -62.92 | 52.22 -1.23 -66.40 | 52.48 -1.21 -66.64 | 47.21 -1.05 -58.51 | 47.99 -0.45 -54.09 | 47.35 -0.36 -52.87 | 47.72 -0.44 -54.07 | 44.91 -0.66 -53.60 | 45.58 -0.90 -56.67 | 46.80 -0.87 -58.13 | 47.30 -0.48 -53.26 | 48.72 0.09 -47.50 | 48.21 -0.24 -51.10 | 49.18 -0.88 -59.93 | 62.08 -0.30 -65.61 | 64.06 0.45 -59.45 | 59.37 1.15 -45.95 | 147.82 8.38 -52.16 | 68.31 -1.01 -79.99 | 58.99 -0.58 -65.56 | 54.11 -1.20 -67.43 |
| WADING RIVER_IC_2 23547 | 55.52 0.67 -48.94 | 61.41 -1.27 -77.03 | 53.52 -1.12 -66.98 | 50.20 -1.13 -62.92 | 52.22 -1.23 -66.40 | 52.48 -1.21 -66.64 | 47.21 -1.05 -58.51 | 47.99 -0.45 -54.09 | 47.35 -0.36 -52.87 | 47.72 -0.44 -54.07 | 44.91 -0.66 -53.60 | 45.58 -0.90 -56.67 | 46.80 -0.87 -58.13 | 47.30 -0.48 -53.26 | 48.72 0.09 -47.50 | 48.21 -0.24 -51.10 | 49.18 -0.88 -59.93 | 62.08 -0.30 -65.61 | 64.06 0.45 -59.45 | 59.37 1.15 -45.95 | 147.82 8.38 -52.16 | 68.31 -1.01 -79.99 | 58.99 -0.58 -65.56 | 54.11 -1.20 -67.43 |
| WADING RIVER_IC_3 23601 | 55.52 0.67 -48.94 | 61.41 -1.27 -77.03 | 53.52 -1.12 -66.98 | 50.20 -1.13 -62.92 | 52.22 -1.23 -66.40 | 52.48 -1.21 -66.64 | 47.21 -1.05 -58.51 | 47.99 -0.45 -54.09 | 47.35 -0.36 -52.87 | 47.72 -0.44 -54.07 | 44.91 -0.66 -53.60 | 45.58 -0.90 -56.67 | 46.80 -0.87 -58.13 | 47.30 -0.48 -53.26 | 48.72 0.09 -47.50 | 48.21 -0.24 -51.10 | 49.18 -0.88 -59.93 | 62.08 -0.30 -65.61 | 64.06 0.45 -59.45 | 59.37 1.15 -45.95 | 147.82 8.38 -52.16 | 68.31 -1.01 -79.99 | 58.99 -0.58 -65.56 | 54.11 -1.20 -67.43 |
| WALDEN___HYDRO 24148 | 54.16 0.48 -47.78 | 59.80 -1.06 -75.20 | 52.13 -0.91 -65.39 | 48.97 -0.86 -61.43 | 50.92 -0.96 -64.82 | 51.10 -0.99 -65.06 | 46.07 -0.80 -57.13 | 46.72 -0.44 -52.81 | 46.07 -0.39 -51.62 | 46.43 -0.45 -52.78 | 43.68 -0.62 -52.33 | 44.34 -0.80 -55.33 | 45.46 -0.83 -56.75 | 46.00 -0.50 -51.99 | 47.59 0.09 -46.37 | 47.01 -0.23 -49.89 | 47.74 -0.87 -58.48 | 60.27 -0.31 -63.81 | 61.93 0.36 -57.40 | 57.87 1.08 -44.52 | 145.64 7.83 -50.53 | 65.88 -0.94 -77.49 | 57.01 -0.52 -63.51 | 52.12 -1.03 -65.27 |
| WARRENSBURG___ 23737 | 74.71 0.29 -68.52 | 92.84 -0.66 -107.85 | 80.92 -0.52 -93.79 | 76.01 -0.49 -88.10 | 79.47 -0.54 -92.97 | 79.82 -0.52 -93.31 | 71.21 -0.47 -81.93 | 69.81 -0.27 -75.74 | 68.61 -0.26 -74.03 | 69.51 -0.28 -75.70 | 66.65 -0.36 -75.04 | 68.72 -0.45 -79.35 | 70.48 -0.45 -81.39 | 68.90 -0.18 -74.57 | 67.67 0.04 -66.51 | 68.79 -0.11 -71.54 | 72.81 -0.43 -83.11 | 82.97 -0.16 -86.36 | 78.21 0.28 -73.77 | 73.84 0.76 -60.82 | 162.75 6.44 -69.04 | 94.48 -0.72 -105.86 | 80.40 -0.38 -86.76 | 76.36 -0.70 -89.19 |

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|--------------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| WATERSIDE___6 8 9 23538 | 55.38 0.55 -48.93 | 61.51 -1.15 -77.02 | 53.62 -1.01 -66.97 | 50.37 -0.95 -62.91 | 52.38 -1.05 -66.39 | 52.58 -1.09 -66.63 | 47.37 -0.88 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.44 -52.86 | 47.62 -0.53 -54.06 | 44.81 -0.75 -53.59 | 45.49 -0.98 -56.66 | 46.63 -1.03 -58.12 | 47.18 -0.58 -53.25 | 48.73 0.12 -47.49 | 48.16 -0.28 -51.09 | 49.02 -1.03 -59.92 | 62.01 -0.36 -65.60 | 63.99 0.39 -59.43 | 59.39 1.18 -45.94 | 148.25 8.81 -52.15 | 68.23 -1.07 -79.97 | 58.95 -0.62 -65.54 | 54.10 -1.20 -67.42 |
| WDELAWARE___HYD 323627 | 51.40 0.46 -45.03 | 55.49 -1.04 -70.88 | 48.40 -0.89 -61.64 | 45.47 -0.84 -57.90 | 47.21 -0.95 -61.10 | 47.38 -0.98 -61.32 | 42.80 -0.78 -53.85 | 43.68 -0.43 -49.78 | 43.12 -0.38 -48.65 | 43.42 -0.43 -49.75 | 40.72 -0.57 -49.32 | 41.23 -0.74 -52.15 | 42.29 -0.73 -53.49 | 43.07 -0.45 -49.01 | 44.90 0.07 -43.71 | 44.18 -0.20 -47.02 | 44.45 -0.75 -55.07 | 56.22 -0.26 -59.72 | 57.18 0.36 -52.66 | 54.39 1.07 -41.05 | 141.48 7.61 -46.60 | 59.87 -0.92 -71.45 | 52.09 -0.49 -58.56 | 47.10 -0.97 -60.19 |
| WEST BABYLON___IC 23714 | 55.61 0.76 -48.94 | 61.12 -1.56 -77.03 | 53.26 -1.38 -66.98 | 50.00 -1.33 -62.92 | 52.00 -1.44 -66.40 | 52.26 -1.42 -66.64 | 47.07 -1.19 -58.51 | 47.85 -0.59 -54.09 | 47.22 -0.49 -52.87 | 47.57 -0.59 -54.07 | 44.70 -0.86 -53.60 | 45.31 -1.18 -56.67 | 46.51 -1.15 -58.13 | 47.14 -0.63 -53.26 | 48.75 0.13 -47.50 | 48.15 -0.30 -51.10 | 48.93 -1.13 -59.93 | 62.00 -0.38 -65.61 | 64.14 0.54 -59.45 | 59.63 1.41 -45.95 | 149.78 10.34 -52.16 | 68.08 -1.24 -79.99 | 58.86 -0.72 -65.56 | 53.83 -1.47 -67.43 |
| WEST CANADA___HYD 24049 | 5.89 -0.02 0.00 | -14.30 0.05 0.00 | -12.30 0.04 0.00 | -11.56 0.04 0.00 | -12.90 0.05 0.00 | -12.92 0.04 0.00 | -10.22 0.04 0.00 | -5.64 0.02 0.00 | -5.14 0.02 0.00 | -5.89 0.02 0.00 | -8.01 0.02 0.00 | -10.15 0.03 0.00 | -10.43 0.03 0.00 | -5.47 0.02 0.00 | 1.12 0.00 0.00 | -2.64 0.01 0.00 | -9.85 0.02 0.00 | -3.23 0.00 0.00 | 4.14 -0.01 0.00 | 12.24 -0.03 0.00 | 87.04 -0.24 0.00 | -10.62 0.04 0.00 | -5.95 0.03 0.00 | -12.07 0.05 0.00 |
| WESTERN_NY_WIND 24143 | 15.07 0.08 -9.08 | -0.52 -0.46 -14.29 | -0.34 -0.43 -12.43 | -0.32 -0.40 -11.67 | -1.14 -0.52 -12.32 | -1.09 -0.49 -12.37 | 0.17 -0.43 -10.86 | 4.18 -0.21 -10.05 | 4.52 -0.16 -9.83 | 4.02 -0.13 -10.05 | 1.77 -0.17 -9.97 | 0.21 -0.14 -10.54 | 0.20 -0.14 -10.81 | 4.41 0.00 -9.90 | 9.95 0.01 -8.82 | 6.80 -0.04 -9.49 | 1.03 -0.19 -11.09 | 22.82 -0.03 -26.09 | 36.79 0.10 -32.53 | 46.94 0.34 -34.34 | 142.05 2.05 -52.72 | 10.70 -0.29 -21.66 | 5.97 -0.16 -12.11 | -0.22 -0.54 -12.45 |
| WESTOVER___LESR 323668 | 27.13 0.22 -21.00 | 18.17 -0.55 -33.06 | 15.94 -0.47 -28.75 | 14.96 -0.44 -27.00 | 15.01 -0.54 -28.50 | 15.09 -0.55 -28.60 | 14.46 -0.40 -25.11 | 17.34 -0.22 -23.22 | 17.33 -0.20 -22.69 | 17.05 -0.25 -23.20 | 14.62 -0.35 -23.00 | 13.69 -0.45 -24.32 | 14.03 -0.45 -24.95 | 17.14 -0.23 -22.86 | 21.57 0.06 -20.39 | 19.18 -0.11 -21.94 | 15.29 -0.50 -25.66 | 24.32 -0.16 -27.71 | 29.08 0.27 -24.65 | 32.25 0.67 -19.31 | 113.41 4.21 -21.92 | 22.49 -0.46 -33.62 | 21.35 -0.23 -27.55 | 15.64 -0.56 -28.32 |
| WETHRSFD_WT_PWR 323626 | 17.86 0.01 -11.95 | 4.17 -0.29 -18.80 | 3.72 -0.29 -16.35 | 3.50 -0.26 -15.36 | 2.89 -0.37 -16.21 | 2.94 -0.36 -16.27 | 3.73 -0.30 -14.28 | 7.40 -0.15 -13.21 | 7.61 -0.15 -12.91 | 7.10 -0.20 -13.20 | 4.79 -0.26 -13.09 | 3.39 -0.27 -13.84 | 3.47 -0.26 -14.20 | 7.38 -0.12 -12.99 | 12.73 0.04 -11.57 | 9.71 -0.09 -12.45 | 4.29 -0.39 -14.55 | 22.43 -0.10 -25.77 | 34.00 0.20 -29.64 | 42.36 0.55 -29.54 | 133.84 3.21 -43.35 | 13.18 -0.36 -24.20 | 9.66 -0.17 -15.80 | 3.61 -0.51 -16.24 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 54.10 0.49 -47.71 | 59.68 -1.06 -75.09 | 52.02 -0.93 -65.30 | 48.86 -0.88 -61.34 | 50.80 -0.98 -64.73 | 50.99 -1.02 -64.97 | 45.97 -0.82 -57.04 | 46.63 -0.44 -52.73 | 45.99 -0.40 -51.54 | 46.33 -0.47 -52.71 | 43.55 -0.67 -52.25 | 44.20 -0.86 -55.24 | 45.31 -0.89 -56.67 | 45.91 -0.52 -51.92 | 47.53 0.10 -46.31 | 46.91 -0.26 -49.81 | 47.59 -0.95 -58.41 | 60.29 -0.33 -63.86 | 61.98 0.38 -57.45 | 57.81 1.10 -44.45 | 145.64 7.91 -50.45 | 65.75 -0.95 -77.37 | 56.89 -0.54 -63.41 | 51.96 -1.07 -65.15 |
| YORK___WARBASSE 23770 | 55.39 0.56 -48.93 | 61.50 -1.17 -77.02 | 53.61 -1.02 -66.97 | 50.36 -0.96 -62.91 | 52.38 -1.06 -66.39 | 52.57 -1.10 -66.63 | 47.36 -0.89 -58.51 | 47.94 -0.49 -54.08 | 47.26 -0.45 -52.86 | 47.63 -0.52 -54.06 | 44.83 -0.73 -53.59 | 45.51 -0.96 -56.66 | 46.65 -1.01 -58.12 | 47.19 -0.57 -53.25 | 48.73 0.11 -47.49 | 48.17 -0.27 -51.09 | 49.03 -1.01 -59.92 | 62.02 -0.35 -65.60 | 63.97 0.38 -59.43 | 59.38 1.17 -45.94 | 148.11 8.68 -52.15 | 68.25 -1.06 -79.97 | 58.94 -0.62 -65.54 | 54.09 -1.20 -67.42 |