

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/01/2018

| 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 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 24138 | 128.01 | 127.96 | 123.95 | 125.91 | 123.28 | 127.78 | 113.01 | 125.96 | 135.49 | 156.48 | 160.64 | 149.53 | 135.02 | 129.48 | 129.01 | 133.88 | 143.18 | 185.89 | 191.08 | 173.57 | 163.38 | 146.11 | 140.26 | 129.97 |
| | 4.23 | 4.30 | 3.34 | 3.16 | 3.36 | 4.64 | 6.31 | 4.38 | 4.95 | 5.45 | 5.06 | 3.56 | 3.36 | 2.56 | 2.51 | 3.44 | 7.95 | 15.50 | 16.41 | 10.93 | 8.67 | 6.37 | 4.60 | 4.63 |
| | -75.70 | -71.80 | -80.28 | -82.80 | -77.40 | -65.14 | -35.80 | -69.50 | -73.64 | -89.14 | -98.67 | -105.96 | -93.46 | -99.02 | -98.64 | -89.95 | -44.87 | -1.81 | 0.00 | -48.82 | -60.36 | -70.49 | -83.92 | -72.05 |
| 74TH STREET_GT_1 24260 | 128.07 | 128.03 | 124.00 | 125.97 | 123.34 | 127.85 | 113.10 | 126.02 | 135.51 | 156.56 | 160.72 | 149.59 | 135.07 | 129.52 | 129.05 | 133.94 | 143.27 | 186.07 | 191.27 | 173.69 | 163.49 | 146.20 | 140.33 | 130.04 |
| | 4.28 | 4.36 | 3.39 | 3.20 | 3.40 | 4.70 | 6.38 | 4.42 | 4.95 | 5.51 | 5.12 | 3.60 | 3.40 | 2.59 | 2.54 | 3.48 | 8.04 | 15.68 | 16.60 | 11.04 | 8.78 | 6.44 | 4.66 | 4.69 |
| | -75.71 | -71.82 | -80.29 | -82.82 | -77.42 | -65.16 | -35.81 | -69.51 | -73.65 | -89.16 | -98.69 | -105.98 | -93.48 | -99.04 | -98.65 | -89.96 | -44.88 | -1.81 | 0.00 | -48.83 | -60.37 | -70.50 | -83.94 | -72.07 |
| 74TH STREET_GT_2 24261 | 128.07 | 128.03 | 124.00 | 125.97 | 123.34 | 127.85 | 113.10 | 126.02 | 135.51 | 156.56 | 160.72 | 149.59 | 135.07 | 129.52 | 129.05 | 133.94 | 143.27 | 186.07 | 191.27 | 173.69 | 163.49 | 146.20 | 140.33 | 130.04 |
| | 4.28 | 4.36 | 3.39 | 3.20 | 3.40 | 4.70 | 6.38 | 4.42 | 4.95 | 5.51 | 5.12 | 3.60 | 3.40 | 2.59 | 2.54 | 3.48 | 8.04 | 15.68 | 16.60 | 11.04 | 8.78 | 6.44 | 4.66 | 4.69 |
| | -75.71 | -71.82 | -80.29 | -82.82 | -77.42 | -65.16 | -35.81 | -69.51 | -73.65 | -89.16 | -98.69 | -105.98 | -93.48 | -99.04 | -98.65 | -89.96 | -44.88 | -1.81 | 0.00 | -48.83 | -60.37 | -70.50 | -83.94 | -72.07 |
| ADK HUDSON___FALLS 24011 | 153.51 | 152.28 | 150.95 | 153.90 | 149.50 | 150.04 | 125.50 | 149.63 | 161.00 | 187.02 | 194.10 | 185.43 | 166.64 | 162.59 | 162.11 | 164.56 | 160.21 | 190.03 | 193.71 | 190.78 | 184.96 | 170.38 | 168.67 | 154.34 |
| | 4.81 | 4.98 | 3.91 | 3.87 | 4.08 | 5.45 | 7.02 | 5.16 | 6.20 | 6.63 | 6.03 | 4.56 | 4.20 | 3.07 | 3.12 | 4.49 | 10.21 | 19.04 | 19.04 | 12.06 | 10.38 | 7.41 | 5.38 | 5.28 |
| | -100.62 | -95.45 | -106.72 | -110.08 | -102.89 | -86.60 | -47.58 | -92.39 | -97.90 | -118.50 | -131.17 | -140.86 | -124.25 | -131.63 | -131.12 | -119.57 | -59.65 | -2.40 | 0.00 | -64.90 | -80.24 | -93.71 | -111.56 | -95.77 |
| ADK RESOURCE___RCVRY 23798 | 152.92 | 151.75 | 150.27 | 153.20 | 148.82 | 149.61 | 125.53 | 149.13 | 160.42 | 186.28 | 193.25 | 184.38 | 165.73 | 161.59 | 161.10 | 163.69 | 159.99 | 190.51 | 194.40 | 190.82 | 184.58 | 169.88 | 167.91 | 153.76 |
| | 5.05 | 5.23 | 4.11 | 4.08 | 4.25 | 5.74 | 7.44 | 5.42 | 6.43 | 6.87 | 6.26 | 4.68 | 4.31 | 3.15 | 3.20 | 4.61 | 10.48 | 19.55 | 19.73 | 12.63 | 10.66 | 7.69 | 5.54 | 5.49 |
| | -99.79 | -94.67 | -105.84 | -109.17 | -102.04 | -85.88 | -47.18 | -91.63 | -97.09 | -117.52 | -130.08 | -139.70 | -123.22 | -130.54 | -130.04 | -118.58 | -59.16 | -2.38 | 0.00 | -64.37 | -79.58 | -92.93 | -110.64 | -94.98 |
| ADK S GLENS___FALLS 24028 | 153.51 | 152.28 | 150.95 | 153.90 | 149.50 | 150.04 | 125.50 | 149.63 | 161.00 | 187.02 | 194.10 | 185.43 | 166.64 | 162.59 | 162.11 | 164.56 | 160.21 | 190.03 | 193.71 | 190.78 | 184.96 | 170.38 | 168.67 | 154.34 |
| | 4.81 | 4.98 | 3.91 | 3.87 | 4.08 | 5.45 | 7.02 | 5.16 | 6.20 | 6.63 | 6.03 | 4.56 | 4.20 | 3.07 | 3.12 | 4.49 | 10.21 | 19.04 | 19.04 | 12.06 | 10.38 | 7.41 | 5.38 | 5.28 |
| | -100.62 | -95.45 | -106.72 | -110.08 | -102.89 | -86.60 | -47.58 | -92.39 | -97.90 | -118.50 | -131.17 | -140.86 | -124.25 | -131.63 | -131.12 | -119.57 | -59.65 | -2.40 | 0.00 | -64.90 | -80.24 | -93.71 | -111.56 | -95.77 |
| ADK_NYS___DAM 23527 | 150.26 | 149.10 | 147.72 | 150.55 | 146.28 | 147.21 | 123.33 | 146.51 | 157.33 | 182.73 | 189.67 | 180.92 | 162.62 | 158.64 | 158.15 | 160.56 | 156.03 | 184.91 | 189.16 | 186.56 | 180.43 | 166.33 | 164.83 | 151.01 |
| | 4.04 | 4.15 | 3.31 | 3.23 | 3.40 | 4.76 | 6.02 | 4.32 | 4.95 | 5.26 | 4.83 | 3.52 | 3.24 | 2.37 | 2.40 | 3.44 | 7.49 | 13.98 | 14.49 | 9.44 | 7.83 | 5.68 | 4.29 | 4.31 |
| | -98.14 | -93.10 | -104.09 | -107.36 | -100.36 | -84.46 | -46.40 | -90.11 | -95.48 | -115.58 | -127.93 | -137.39 | -121.18 | -128.38 | -127.89 | -116.62 | -58.18 | -2.34 | 0.00 | -63.30 | -78.26 | -91.40 | -108.81 | -93.41 |
| AIR_PRODUCTS___DRP 24190 | 147.79 | 146.78 | 145.41 | 148.25 | 144.07 | 144.83 | 121.03 | 144.02 | 154.71 | 179.77 | 186.64 | 178.10 | 160.11 | 156.27 | 155.78 | 158.04 | 153.12 | 181.01 | 184.97 | 182.93 | 177.14 | 163.49 | 162.24 | 148.55 |
| | 2.98 | 3.16 | 2.50 | 2.48 | 2.64 | 3.60 | 4.40 | 3.12 | 3.70 | 3.96 | 3.65 | 2.68 | 2.48 | 1.84 | 1.87 | 2.59 | 5.42 | 10.11 | 10.30 | 6.71 | 5.66 | 4.16 | 3.26 | 3.20 |
| | -96.73 | -91.76 | -102.59 | -105.82 | -98.91 | -83.24 | -45.74 | -88.82 | -94.11 | -113.92 | -126.09 | -135.41 | -119.44 | -126.54 | -126.05 | -114.95 | -57.35 | -2.31 | 0.00 | -62.39 | -77.14 | -90.08 | -107.24 | -92.07 |
| ALBANY___1 23571 | 147.79 | 146.78 | 145.41 | 148.25 | 144.07 | 144.83 | 121.03 | 144.02 | 154.71 | 179.77 | 186.64 | 178.10 | 160.11 | 156.27 | 155.78 | 158.04 | 153.12 | 181.01 | 184.97 | 182.93 | 177.14 | 163.49 | 162.24 | 148.55 |
| | 2.98 | 3.16 | 2.50 | 2.48 | 2.64 | 3.60 | 4.40 | 3.12 | 3.70 | 3.96 | 3.65 | 2.68 | 2.48 | 1.84 | 1.87 | 2.59 | 5.42 | 10.11 | 10.30 | 6.71 | 5.66 | 4.16 | 3.26 | 3.20 |
| | -96.73 | -91.76 | -102.59 | -105.82 | -98.91 | -83.24 | -45.74 | -88.82 | -94.11 | -113.92 | -126.09 | -135.41 | -119.44 | -126.54 | -126.05 | -114.95 | -57.35 | -2.31 | 0.00 | -62.39 | -77.14 | -90.08 | -107.24 | -92.07 |
| ALBANY___2 23572 | 147.79 | 146.78 | 145.41 | 148.25 | 144.07 | 144.83 | 121.03 | 144.02 | 154.71 | 179.77 | 186.64 | 178.10 | 160.11 | 156.27 | 155.78 | 158.04 | 153.12 | 181.01 | 184.97 | 182.93 | 177.14 | 163.49 | 162.24 | 148.55 |
| | 2.98 | 3.16 | 2.50 | 2.48 | 2.64 | 3.60 | 4.40 | 3.12 | 3.70 | 3.96 | 3.65 | 2.68 | 2.48 | 1.84 | 1.87 | 2.59 | 5.42 | 10.11 | 10.30 | 6.71 | 5.66 | 4.16 | 3.26 | 3.20 |
| | -96.73 | -91.76 | -102.59 | -105.82 | -98.91 | -83.24 | -45.74 | -88.82 | -94.11 | -113.92 | -126.09 | -135.41 | -119.44 | -126.54 | -126.05 | -114.95 | -57.35 | -2.31 | 0.00 | -62.39 | -77.14 | -90.08 | -107.24 | -92.07 |
| ALBANY___3 23573 | 147.79 | 146.78 | 145.41 | 148.25 | 144.07 | 144.83 | 121.03 | 144.02 | 154.71 | 179.77 | 186.64 | 178.10 | 160.11 | 156.27 | 155.78 | 158.04 | 153.12 | 181.01 | 184.97 | 182.93 | 177.14 | 163.49 | 162.24 | 148.55 |
| | 2.98 | 3.16 | 2.50 | 2.48 | 2.64 | 3.60 | 4.40 | 3.12 | 3.70 | 3.96 | 3.65 | 2.68 | 2.48 | 1.84 | 1.87 | 2.59 | 5.42 | 10.11 | 10.30 | 6.71 | 5.66 | 4.16 | 3.26 | 3.20 |
| | -96.73 | -91.76 | -102.59 | -105.82 | -98.91 | -83.24 | -45.74 | -88.82 | -94.11 | -113.92 | -126.09 | -135.41 | -119.44 | -126.54 | -126.05 | -114.95 | -57.35 | -2.31 | 0.00 | -62.39 | -77.14 | -90.08 | -107.24 | -92.07 |
| ALBANY___4 23574 | 147.79 | 146.78 | 145.41 | 148.25 | 144.07 | 144.83 | 121.03 | 144.02 | 154.71 | 179.77 | 186.64 | 178.10 | 160.11 | 156.27 | 155.78 | 158.04 | 153.12 | 181.01 | 184.97 | 182.93 | 177.14 | 163.49 | 162.24 | 148.55 |
| | 2.98 | 3.16 | 2.50 | 2.48 | 2.64 | 3.60 | 4.40 | 3.12 | 3.70 | 3.96 | 3.65 | 2.68 | 2.48 | 1.84 | 1.87 | 2.59 | 5.42 | 10.11 | 10.30 | 6.71 | 5.66 | 4.16 | 3.26 | 3.20 |
| | -96.73 | -91.76 | -102.59 | -105.82 | -98.91 | -83.24 | -45.74 | -88.82 | -94.11 | -113.92 | -126.09 | -135.41 | -119.44 | -126.54 | -126.05 | -114.95 | -57.35 | -2.31 | 0.00 | -62.39 | -77.14 | -90.08 | -107.24 | -92.07 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| ALBANY___LFGE 323615 | 150.01 3.41 -98.51 | 148.93 3.63 -93.45 | 147.66 2.86 -104.48 | 150.55 2.84 -107.77 | 146.23 2.98 -100.73 | 146.83 4.06 -84.78 | 122.51 5.03 -46.58 | 146.18 3.64 -90.45 | 157.01 4.27 -95.84 | 182.48 4.58 -116.02 | 189.59 4.27 -128.41 | 181.03 3.12 -137.91 | 162.73 2.90 -121.64 | 158.91 2.15 -128.87 | 158.41 2.17 -128.37 | 160.63 3.08 -117.06 | 155.26 6.51 -58.40 | 182.91 11.97 -2.35 | 186.89 12.22 0.00 | 185.21 7.85 -63.54 | 179.60 6.70 -78.56 | 165.84 4.85 -91.74 | 164.72 3.77 -109.22 | 150.78 3.73 -93.76 |
| ALCOA_RYNLDS___DRP 24188 | 47.03 -1.06 0.00 | 51.18 -0.68 0.00 | 39.27 -1.05 0.00 | 38.91 -1.04 0.00 | 41.58 -0.94 0.00 | 56.66 -1.33 0.00 | 70.05 -0.85 0.00 | 51.72 -0.36 0.00 | 56.45 -0.46 0.00 | 61.52 -0.37 0.00 | 56.51 -0.40 0.00 | 39.21 -0.80 0.00 | 38.00 -0.19 0.00 | 27.36 -0.53 0.00 | 27.33 -0.53 0.00 | 40.33 -0.16 0.00 | 90.35 0.00 0.00 | 168.58 0.00 0.00 | 174.32 -0.35 0.00 | 113.71 -0.11 0.00 | 94.15 -0.19 0.00 | 68.98 -0.28 0.00 | 51.58 -0.15 0.00 | 53.07 -0.21 0.00 |
| ALCOA___DSASP 323711 | 47.03 -1.06 0.00 | 51.18 -0.68 0.00 | 39.27 -1.05 0.00 | 38.91 -1.04 0.00 | 41.58 -0.94 0.00 | 56.66 -1.33 0.00 | 70.05 -0.85 0.00 | 51.72 -0.36 0.00 | 56.45 -0.46 0.00 | 61.52 -0.37 0.00 | 56.51 -0.40 0.00 | 39.21 -0.80 0.00 | 38.00 -0.19 0.00 | 27.36 -0.53 0.00 | 27.33 -0.53 0.00 | 40.33 -0.16 0.00 | 90.35 0.00 0.00 | 168.58 0.00 0.00 | 174.32 -0.35 0.00 | 113.71 -0.11 0.00 | 94.15 -0.19 0.00 | 68.98 -0.28 0.00 | 51.58 -0.15 0.00 | 53.07 -0.21 0.00 |
| ALLEGHENY___COGEN 23514 | 60.78 -0.39 -13.08 | 63.64 -0.62 -12.41 | 54.00 -0.20 -13.87 | 53.94 -0.32 -14.31 | 55.43 -0.47 -13.38 | 68.96 -0.29 -11.26 | 76.94 -0.14 -6.19 | 63.10 -0.99 -12.01 | 67.98 -1.65 -12.73 | 75.44 -1.86 -15.41 | 72.25 -1.71 -17.05 | 57.40 -0.92 -18.31 | 52.93 -1.41 -16.15 | 44.14 -0.86 -17.11 | 42.12 -2.79 -17.05 | 51.46 -4.58 -15.54 | 86.81 -11.30 -7.76 | 148.83 -20.06 -0.31 | 154.41 -20.26 0.00 | 108.48 -13.78 -8.44 | 94.40 -10.38 -10.43 | 73.89 -7.55 -12.18 | 64.01 -2.22 -14.50 | 64.30 -1.44 -12.45 |
| ALTONA_WT_PWR 323606 | 47.65 -0.43 0.00 | 51.59 -0.26 0.00 | 39.92 -0.40 0.00 | 39.55 -0.40 0.00 | 42.18 -0.34 0.00 | 57.64 -0.35 0.00 | 70.90 0.00 0.00 | 52.45 0.37 0.00 | 57.25 0.34 0.00 | 62.44 0.56 0.00 | 57.42 0.51 0.00 | 40.17 0.16 0.00 | 38.58 0.38 0.00 | 28.03 0.14 0.00 | 28.00 0.14 0.00 | 41.10 0.61 0.00 | 92.06 1.71 0.00 | 172.13 3.55 0.00 | 178.34 3.67 0.00 | 116.32 2.50 0.00 | 96.23 1.89 0.00 | 70.43 1.18 0.00 | 52.56 0.83 0.00 | 54.03 0.75 0.00 |
| AMERICAN_REF_FUEL 24010 | 56.63 -3.17 -11.72 | 59.34 -3.63 -11.12 | 50.22 -2.54 -12.43 | 50.26 -2.52 -12.82 | 51.61 -2.89 -11.99 | 64.31 -3.77 -10.09 | 71.55 -4.89 -5.54 | 57.22 -5.63 -10.76 | 61.31 -7.00 -11.40 | 67.65 -8.04 -13.81 | 64.90 -7.28 -15.28 | 52.22 -4.20 -16.41 | 48.09 -4.58 -14.47 | 40.19 -3.04 -15.34 | 40.21 -2.93 -15.28 | 49.24 -5.18 -13.93 | 83.93 -13.37 -6.95 | 143.74 -25.12 -0.28 | 149.16 -25.51 0.00 | 104.42 -16.96 -7.56 | 90.20 -13.49 -9.35 | 70.27 -9.91 -10.92 | 57.74 -6.98 -13.00 | 59.38 -5.06 -11.16 |
| ARTHUR_KILL_GT_1 23520 | 128.22 4.42 -75.71 | 128.13 4.46 -71.82 | 124.04 3.43 -80.29 | 125.97 3.20 -82.82 | 123.34 3.40 -77.42 | 127.68 4.53 -65.16 | 112.53 5.82 -35.81 | 125.40 3.80 -69.51 | 134.71 4.15 -73.65 | 155.75 4.70 -89.16 | 160.03 4.44 -98.69 | 149.11 3.12 -105.98 | 134.62 2.94 -93.48 | 129.16 2.23 -99.04 | 128.72 2.20 -98.65 | 133.46 3.00 -89.96 | 142.28 7.05 -44.88 | 184.71 14.32 -1.81 | 190.04 15.37 0.00 | 173.12 10.47 -48.83 | 162.92 8.20 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| ARTHUR_KILL_2 23512 | 128.22 4.42 -75.71 | 128.13 4.46 -71.82 | 124.04 3.43 -80.29 | 125.97 3.20 -82.82 | 123.34 3.40 -77.42 | 127.68 4.53 -65.16 | 112.53 5.82 -35.81 | 125.40 3.80 -69.51 | 134.71 4.15 -73.65 | 155.75 4.70 -89.16 | 160.03 4.44 -98.69 | 149.11 3.12 -105.98 | 134.62 2.94 -93.48 | 129.16 2.23 -99.04 | 128.72 2.20 -98.65 | 133.46 3.00 -89.96 | 142.28 7.05 -44.88 | 184.71 14.32 -1.81 | 190.04 15.37 0.00 | 173.12 10.47 -48.83 | 162.92 8.20 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| ARTHUR_KILL_3 23513 | 127.93 4.14 -75.71 | 127.86 4.20 -71.81 | 123.88 3.26 -80.29 | 125.84 3.08 -82.82 | 123.21 3.27 -77.41 | 127.73 4.58 -65.16 | 113.02 6.31 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.49 5.45 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.02 2.51 -98.65 | 133.89 3.44 -89.96 | 143.27 8.04 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.27 4.60 -83.94 | 129.93 4.58 -72.06 |
| ASHOKAN____ 23654 | 133.75 5.15 -80.52 | 133.63 5.39 -76.39 | 129.96 4.23 -85.40 | 132.08 4.03 -88.09 | 129.24 4.38 -82.34 | 133.09 5.80 -69.30 | 115.93 6.95 -38.07 | 130.91 4.89 -73.94 | 140.88 5.63 -78.34 | 162.97 6.25 -94.83 | 167.68 5.81 -104.97 | 156.38 3.64 -112.73 | 141.33 3.70 -99.43 | 135.97 2.73 -105.34 | 135.47 2.68 -104.93 | 140.03 3.85 -95.69 | 146.13 8.04 -47.74 | 188.56 18.05 -1.92 | 193.00 18.34 0.00 | 177.25 11.49 -51.94 | 168.28 9.72 -64.22 | 151.38 7.13 -74.99 | 146.18 5.17 -89.28 | 134.94 5.01 -76.64 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 128.41 4.62 -75.71 | 128.55 4.87 -71.83 | 124.46 3.83 -80.30 | 126.38 3.60 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.08 4.49 -98.68 | 149.18 3.20 -105.98 | 134.68 3.02 -93.47 | 129.29 2.37 -99.03 | 128.82 2.31 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.21 13.83 -1.80 | 189.50 14.84 0.01 | 172.77 10.13 -48.82 | 162.53 7.83 -60.37 | 145.57 5.82 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.08 4.49 -98.68 | 149.18 3.20 -105.98 | 134.68 3.02 -93.47 | 129.29 2.37 -99.03 | 128.82 2.31 -98.65 | 133.57 3.12 -89.96 | 142.45 7.23 -44.87 | 184.21 13.83 -1.80 | 189.50 14.84 0.01 | 172.77 10.13 -48.82 | 162.53 7.83 -60.37 | 145.57 5.82 -70.50 | 139.97 4.29 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT2_1 24094 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT2_2 24095 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT2_3 24096 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |

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|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ASTORIA_GT2_4 24097 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT3_1 24098 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT3_2 24099 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT3_3 24100 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT3_4 24101 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT4_1 24102 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT4_2 24103 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT4_3 24104 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT4_4 24105 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT_1 23523 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT_10 24110 | 128.17 4.38 -75.71 | 128.13 4.46 -71.82 | 124.12 3.51 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| ASTORIA_GT_11 24225 | 128.17 4.38 -75.71 | 128.13 4.46 -71.82 | 124.12 3.51 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| ASTORIA_GT_12 24226 | 128.17 4.38 -75.71 | 128.13 4.46 -71.82 | 124.12 3.51 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| ASTORIA_GT_13 24227 | 128.17 4.38 -75.71 | 128.13 4.46 -71.82 | 124.12 3.51 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| ASTORIA_GT_5 24106 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |

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|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| ASTORIA_GT_7 24107 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA_GT_8 24108 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA___2 24149 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA___3 23516 | 128.17 4.38 -75.71 | 128.13 4.46 -71.82 | 124.12 3.51 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| ASTORIA___4 23517 | 128.41 4.62 -75.71 | 128.61 4.93 -71.83 | 124.50 3.87 -80.30 | 126.41 3.64 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.94 6.24 -35.80 | 125.76 4.17 -69.50 | 134.87 4.32 -73.65 | 155.87 4.83 -89.15 | 160.14 4.55 -98.68 | 149.18 3.20 -105.98 | 134.72 3.06 -93.47 | 129.32 2.40 -99.03 | 128.85 2.34 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.50 14.84 0.01 | 172.89 10.25 -48.82 | 162.53 7.83 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.21 4.85 -72.07 |
| ASTORIA___5 23518 | 128.17 4.38 -75.71 | 128.13 4.46 -71.82 | 124.12 3.51 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| AST_ENERGY_2_CC3 323677 | 127.97 4.18 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.25 3.32 -77.41 | 127.73 4.58 -65.16 | 113.02 6.31 -35.81 | 125.91 4.32 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.15 | 160.60 5.01 -98.68 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.44 2.51 -99.03 | 128.99 2.48 -98.65 | 133.86 3.40 -89.96 | 143.00 7.77 -44.88 | 185.39 15.00 -1.81 | 190.73 16.06 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.99 6.24 -70.50 | 140.17 4.50 -83.94 | 129.87 4.53 -72.06 |
| AST_ENERGY_2_CC4 323678 | 127.97 4.18 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.25 3.32 -77.41 | 127.73 4.58 -65.16 | 113.02 6.31 -35.81 | 125.91 4.32 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.15 | 160.60 5.01 -98.68 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.44 2.51 -99.03 | 128.99 2.48 -98.65 | 133.86 3.40 -89.96 | 143.00 7.77 -44.88 | 185.39 15.00 -1.81 | 190.73 16.06 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.99 6.24 -70.50 | 140.17 4.50 -83.94 | 129.87 4.53 -72.06 |
| ATHENS_STG_1 23668 | 134.94 2.79 -84.07 | 134.61 3.01 -79.76 | 131.87 2.38 -89.17 | 134.24 2.32 -91.97 | 130.96 2.47 -85.97 | 133.77 3.42 -72.35 | 114.83 4.18 -39.75 | 132.19 2.91 -77.20 | 142.00 3.30 -81.79 | 164.49 3.59 -99.01 | 169.86 3.36 -109.59 | 160.06 2.36 -117.70 | 144.22 2.21 -103.81 | 139.55 1.67 -109.98 | 139.06 1.64 -109.56 | 142.67 2.27 -99.91 | 145.25 5.06 -49.84 | 180.03 9.44 -2.01 | 184.79 10.13 0.00 | 174.65 6.60 -54.23 | 166.76 5.37 -67.05 | 151.57 4.02 -78.30 | 147.94 3.00 -93.21 | 136.29 2.98 -80.02 |
| ATHENS_STG_2 23670 | 134.94 2.79 -84.07 | 134.61 3.01 -79.76 | 131.87 2.38 -89.17 | 134.24 2.32 -91.97 | 130.96 2.47 -85.97 | 133.77 3.42 -72.35 | 114.83 4.18 -39.75 | 132.19 2.91 -77.20 | 142.00 3.30 -81.79 | 164.49 3.59 -99.01 | 169.86 3.36 -109.59 | 160.06 2.36 -117.70 | 144.22 2.21 -103.81 | 139.55 1.67 -109.98 | 139.06 1.64 -109.56 | 142.67 2.27 -99.91 | 145.25 5.06 -49.84 | 180.03 9.44 -2.01 | 184.79 10.13 0.00 | 174.65 6.60 -54.23 | 166.76 5.37 -67.05 | 151.57 4.02 -78.30 | 147.94 3.00 -93.21 | 136.29 2.98 -80.02 |
| ATHENS_STG_3 23677 | 134.94 2.79 -84.07 | 134.61 3.01 -79.76 | 131.87 2.38 -89.17 | 134.24 2.32 -91.97 | 130.96 2.47 -85.97 | 133.77 3.42 -72.35 | 114.83 4.18 -39.75 | 132.19 2.91 -77.20 | 142.00 3.30 -81.79 | 164.49 3.59 -99.01 | 169.86 3.36 -109.59 | 160.06 2.36 -117.70 | 144.22 2.21 -103.81 | 139.55 1.67 -109.98 | 139.06 1.64 -109.56 | 142.67 2.27 -99.91 | 145.25 5.06 -49.84 | 180.03 9.44 -2.01 | 184.79 10.13 0.00 | 174.65 6.60 -54.23 | 166.76 5.37 -67.05 | 151.57 4.02 -78.30 | 147.94 3.00 -93.21 | 136.29 2.98 -80.02 |
| AUBURN___LFGE 323710 | 56.91 -0.63 -9.45 | 60.09 -0.73 -8.96 | 49.90 -0.44 -10.02 | 49.81 -0.48 -10.34 | 51.68 -0.51 -9.66 | 65.54 -0.58 -8.13 | 74.73 -0.64 -4.47 | 60.03 -0.73 -8.68 | 65.13 -0.97 -9.19 | 72.03 -0.99 -11.13 | 68.43 -0.80 -12.32 | 52.68 -0.56 -13.23 | 49.14 -0.73 -11.67 | 39.78 -0.47 -12.36 | 39.68 -0.50 -12.31 | 50.75 -0.97 -11.23 | 93.42 -2.53 -5.60 | 164.60 -4.21 -0.23 | 170.66 -4.01 0.00 | 116.96 -2.96 -6.10 | 99.52 -2.35 -7.54 | 76.60 -1.46 -8.80 | 61.02 -1.19 -10.48 | 61.22 -1.07 -8.99 |
| BABYLON_RES_REC 323704 | 128.80 5.00 -75.72 | 128.19 4.51 -71.83 | 124.46 3.83 -80.31 | 125.62 2.84 -82.83 | 123.52 3.57 -77.43 | 127.04 3.89 -65.16 | 114.62 7.80 -35.92 | 126.71 5.11 -69.52 | 135.86 5.29 -73.67 | 157.56 6.50 -89.17 | 168.15 6.20 -105.04 | 158.43 4.36 -114.06 | 146.06 4.13 -103.74 | 141.18 3.12 -110.16 | 140.80 3.09 -109.85 | 145.17 4.29 -100.38 | 155.25 10.12 -54.78 | 209.33 18.38 -22.37 | 201.08 19.21 -7.20 | 185.28 12.63 -58.82 | 173.13 10.00 -68.79 | 157.89 8.03 -80.60 | 154.34 5.84 -96.76 | 130.95 5.59 -72.07 |
| BARRETT_IC_1 23704 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT_IC_10 23701 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.42 5.41 -164.11 | 232.96 3.80 -189.15 | 240.95 3.59 -199.16 | 244.32 2.73 -213.69 | 244.56 2.70 -214.00 | 241.55 3.72 -197.34 | 245.72 8.40 -146.97 | 398.69 16.19 -213.92 | 266.09 17.13 -74.29 | 276.70 11.16 -151.72 | 250.52 9.06 -147.12 | 250.52 6.65 -174.62 | 272.95 5.07 -216.15 | 130.43 5.01 -72.14 |

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|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| BARRETT_IC_11 23702 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.42 5.41 -164.11 | 232.96 3.80 -189.15 | 240.95 3.59 -199.16 | 244.32 2.73 -213.69 | 244.56 2.70 -214.00 | 241.55 3.72 -197.34 | 245.72 8.40 -146.97 | 398.69 16.19 -213.92 | 266.09 17.13 -74.29 | 276.70 11.16 -151.72 | 250.52 9.06 -147.12 | 250.52 6.65 -174.62 | 272.95 5.07 -216.15 | 130.43 5.01 -72.14 |
| BARRETT_IC_12 23703 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.42 5.41 -164.11 | 232.96 3.80 -189.15 | 240.95 3.59 -199.16 | 244.32 2.73 -213.69 | 244.56 2.70 -214.00 | 241.55 3.72 -197.34 | 245.72 8.40 -146.97 | 398.69 16.19 -213.92 | 266.09 17.13 -74.29 | 276.70 11.16 -151.72 | 250.52 9.06 -147.12 | 250.52 6.65 -174.62 | 272.95 5.07 -216.15 | 130.43 5.01 -72.14 |
| BARRETT_IC_2 23705 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT_IC_3 23706 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT_IC_4 23707 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT_IC_5 23708 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT_IC_6 23709 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT_IC_7 23710 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT_IC_8 23711 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT_IC_9 23700 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.42 5.41 -164.11 | 232.96 3.80 -189.15 | 240.95 3.59 -199.16 | 244.32 2.73 -213.69 | 244.56 2.70 -214.00 | 241.55 3.72 -197.34 | 245.72 8.40 -146.97 | 398.69 16.19 -213.92 | 266.09 17.13 -74.29 | 276.70 11.16 -151.72 | 250.52 9.06 -147.12 | 250.52 6.65 -174.62 | 272.95 5.07 -216.15 | 130.43 5.01 -72.14 |
| BARRETT__1 23545 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.41 5.41 -164.10 | 232.95 3.80 -189.14 | 240.92 3.59 -199.14 | 244.29 2.73 -213.67 | 244.54 2.70 -213.97 | 241.53 3.72 -197.31 | 245.70 8.40 -146.94 | 398.65 16.19 -213.88 | 266.07 17.13 -74.28 | 276.68 11.16 -151.70 | 250.50 9.06 -147.10 | 250.50 6.65 -174.59 | 272.92 5.07 -216.12 | 130.43 5.01 -72.14 |
| BARRETT__2 23546 | 128.34 4.47 -75.79 | 127.80 4.05 -71.90 | 124.21 3.51 -80.38 | 125.38 2.52 -82.91 | 123.25 3.23 -77.50 | 126.76 3.54 -65.23 | 115.21 7.24 -37.07 | 126.32 4.63 -69.60 | 135.31 4.67 -73.74 | 156.83 5.69 -89.25 | 226.42 5.41 -164.11 | 232.96 3.80 -189.15 | 240.95 3.59 -199.16 | 244.32 2.73 -213.69 | 244.56 2.70 -214.00 | 241.55 3.72 -197.34 | 245.72 8.40 -146.97 | 398.69 16.19 -213.92 | 266.09 17.13 -74.29 | 276.70 11.16 -151.72 | 250.52 9.06 -147.12 | 250.52 6.65 -174.62 | 272.95 5.07 -216.15 | 130.43 5.01 -72.14 |
| BAYONEEC__CTG1 323682 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.09 6.38 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.33 4.66 -83.94 | 129.93 4.58 -72.06 |
| BAYONEEC__CTG2 323683 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.09 6.38 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.33 4.66 -83.94 | 129.93 4.58 -72.06 |
| BAYONEEC__CTG3 323684 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.09 6.38 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.33 4.66 -83.94 | 129.93 4.58 -72.06 |

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| BAYONEEC___CTG4 323685 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.09 6.38 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.33 4.66 -83.94 | 129.93 4.58 -72.06 |
| BAYONEEC___CTG5 323686 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.09 6.38 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.33 4.66 -83.94 | 129.93 4.58 -72.06 |
| BAYONEEC___CTG6 323687 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.09 6.38 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.33 4.66 -83.94 | 129.93 4.58 -72.06 |
| BAYONEEC___CTG7 323688 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.09 6.38 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.33 4.66 -83.94 | 129.93 4.58 -72.06 |
| BAYONEEC___CTG8 323689 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.09 6.38 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.33 4.66 -83.94 | 129.93 4.58 -72.06 |
| BEACON___LESR 323632 | 148.04 3.65 -96.30 | 147.10 3.89 -91.36 | 145.49 3.03 -102.14 | 148.30 3.00 -105.35 | 144.19 3.19 -98.48 | 145.22 4.35 -82.88 | 121.89 5.46 -45.53 | 144.41 3.91 -88.42 | 155.20 4.61 -93.69 | 180.26 4.95 -113.42 | 187.00 4.55 -125.54 | 178.18 3.36 -134.82 | 160.24 3.13 -118.91 | 156.19 2.31 -125.98 | 155.67 2.31 -125.49 | 158.18 3.24 -114.44 | 154.40 6.96 -57.09 | 183.87 12.98 -2.30 | 187.94 13.27 0.00 | 184.48 8.54 -62.12 | 178.41 7.26 -76.80 | 164.27 5.33 -89.69 | 162.59 4.09 -106.77 | 148.95 4.00 -91.66 |
| BEAVER RIVER___HYD 24048 | 48.18 0.10 0.00 | 52.11 0.26 0.00 | 40.28 -0.04 0.00 | 39.95 0.00 0.00 | 42.61 0.09 0.00 | 58.05 0.06 0.00 | 71.26 0.36 0.00 | 52.29 0.21 0.00 | 57.02 0.11 0.00 | 62.33 0.44 0.00 | 57.42 0.51 0.00 | 40.33 0.32 0.00 | 38.69 0.50 0.00 | 28.11 0.22 0.00 | 28.06 0.20 0.00 | 40.74 0.24 0.00 | 90.99 0.64 0.00 | 170.27 1.69 0.00 | 176.41 1.75 0.00 | 114.05 0.23 0.00 | 94.91 0.57 0.00 | 69.67 0.42 0.00 | 51.99 0.26 0.00 | 53.55 0.27 0.00 |
| BEEBEE_GT_13 23619 | 55.76 -1.54 -9.22 | 58.73 -1.86 -8.75 | 48.93 -1.17 -9.78 | 48.76 -1.28 -10.09 | 50.46 -1.49 -9.43 | 64.07 -1.86 -7.93 | 72.78 -2.48 -4.36 | 57.89 -2.65 -8.47 | 62.52 -3.36 -8.97 | 68.97 -3.78 -10.86 | 65.51 -3.41 -12.02 | 50.79 -2.12 -12.91 | 47.17 -2.41 -11.38 | 38.33 -1.62 -12.06 | 38.29 -1.59 -12.01 | 48.66 -2.79 -10.96 | 89.04 -6.78 -5.47 | 156.84 -11.97 -0.22 | 162.78 -11.88 0.00 | 111.57 -8.20 -5.95 | 95.28 -6.42 -7.35 | 73.06 -4.78 -8.59 | 58.43 -3.52 -10.22 | 59.24 -2.83 -8.78 |
| BETHLEHEM___GRP 23843 | 147.79 2.98 -96.73 | 146.78 3.16 -91.76 | 145.41 2.50 -102.59 | 148.25 2.48 -105.82 | 144.07 2.64 -98.91 | 144.83 3.60 -83.24 | 121.03 4.40 -45.74 | 144.02 3.12 -88.82 | 154.71 3.70 -94.11 | 179.77 3.96 -113.92 | 186.64 3.65 -126.09 | 178.10 2.68 -135.41 | 160.11 2.48 -119.44 | 156.27 1.84 -126.54 | 155.78 1.87 -126.05 | 158.04 2.59 -114.95 | 153.12 5.42 -57.35 | 181.01 10.11 -2.31 | 184.97 10.30 0.00 | 182.93 6.71 -62.39 | 177.14 5.66 -77.14 | 163.49 4.16 -90.08 | 162.24 3.26 -107.24 | 148.55 3.20 -92.07 |
| BETHLEHEM___GS1 323560 | 147.79 2.98 -96.73 | 146.78 3.16 -91.76 | 145.41 2.50 -102.59 | 148.25 2.48 -105.82 | 144.07 2.64 -98.91 | 144.83 3.60 -83.24 | 121.03 4.40 -45.74 | 144.02 3.12 -88.82 | 154.71 3.70 -94.11 | 179.77 3.96 -113.92 | 186.64 3.65 -126.09 | 178.10 2.68 -135.41 | 160.11 2.48 -119.44 | 156.27 1.84 -126.54 | 155.78 1.87 -126.05 | 158.04 2.59 -114.95 | 153.12 5.42 -57.35 | 181.01 10.11 -2.31 | 184.97 10.30 0.00 | 182.93 6.71 -62.39 | 177.14 5.66 -77.14 | 163.49 4.16 -90.08 | 162.24 3.26 -107.24 | 148.55 3.20 -92.07 |
| BETHLEHEM___GS2 323561 | 147.79 2.98 -96.73 | 146.78 3.16 -91.76 | 145.41 2.50 -102.59 | 148.25 2.48 -105.82 | 144.07 2.64 -98.91 | 144.83 3.60 -83.24 | 121.03 4.40 -45.74 | 144.02 3.12 -88.82 | 154.71 3.70 -94.11 | 179.77 3.96 -113.92 | 186.64 3.65 -126.09 | 178.10 2.68 -135.41 | 160.11 2.48 -119.44 | 156.27 1.84 -126.54 | 155.78 1.87 -126.05 | 158.04 2.59 -114.95 | 153.12 5.42 -57.35 | 181.01 10.11 -2.31 | 184.97 10.30 0.00 | 182.93 6.71 -62.39 | 177.14 5.66 -77.14 | 163.49 4.16 -90.08 | 162.24 3.26 -107.24 | 148.55 3.20 -92.07 |
| BETHLEHEM___GS3 323562 | 147.79 2.98 -96.73 | 146.78 3.16 -91.76 | 145.41 2.50 -102.59 | 148.25 2.48 -105.82 | 144.07 2.64 -98.91 | 144.83 3.60 -83.24 | 121.03 4.40 -45.74 | 144.02 3.12 -88.82 | 154.71 3.70 -94.11 | 179.77 3.96 -113.92 | 186.64 3.65 -126.09 | 178.10 2.68 -135.41 | 160.11 2.48 -119.44 | 156.27 1.84 -126.54 | 155.78 1.87 -126.05 | 158.04 2.59 -114.95 | 153.12 5.42 -57.35 | 181.01 10.11 -2.31 | 184.97 10.30 0.00 | 182.93 6.71 -62.39 | 177.14 5.66 -77.14 | 163.49 4.16 -90.08 | 162.24 3.26 -107.24 | 148.55 3.20 -92.07 |
| BETHLEHEM___STEEL 23779 | 58.71 -1.92 -12.55 | 61.48 -2.28 -11.91 | 52.10 -1.53 -13.31 | 52.12 -1.56 -13.73 | 53.57 -1.78 -12.84 | 66.59 -2.20 -10.80 | 74.07 -2.77 -5.94 | 60.12 -3.49 -11.53 | 64.51 -4.61 -12.21 | 71.35 -5.32 -14.78 | 68.49 -4.78 -16.36 | 55.06 -2.52 -17.57 | 50.75 -2.94 -15.50 | 42.47 -1.84 -16.42 | 42.44 -1.78 -16.36 | 51.89 -3.52 -14.92 | 88.49 -9.30 -7.44 | 151.35 -17.54 -0.30 | 157.03 -17.63 0.00 | 110.20 -11.72 -8.10 | 95.20 -9.15 -10.01 | 74.09 -6.86 -11.69 | 60.89 -4.76 -13.92 | 61.82 -3.41 -11.95 |
| BETHPAGE_CC_5 323564 | 128.80 5.00 -75.72 | 128.25 4.56 -71.83 | 124.50 3.87 -80.31 | 125.66 2.88 -82.84 | 123.52 3.57 -77.43 | 127.15 4.00 -65.16 | 114.57 7.73 -35.94 | 126.66 5.05 -69.53 | 135.87 5.29 -73.67 | 157.44 6.38 -89.18 | 169.36 6.15 -106.31 | 160.00 4.32 -115.68 | 148.11 4.13 -105.79 | 143.38 3.10 -112.39 | 143.02 3.06 -112.09 | 147.22 4.25 -102.47 | 157.06 9.94 -56.77 | 214.29 19.21 -26.50 | 203.74 20.43 -8.64 | 188.07 13.42 -60.82 | 175.38 10.56 -70.47 | 159.78 7.89 -82.63 | 156.86 5.79 -99.33 | 130.95 5.59 -72.07 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 59.04 -1.78 -12.73 | 61.80 -2.13 -12.08 | 52.41 -1.41 -13.50 | 52.48 -1.40 -13.93 | 53.88 -1.66 -13.02 | 66.98 -1.97 -10.96 | 74.51 -2.41 -6.02 | 60.59 -3.18 -11.69 | 65.08 -4.21 -12.39 | 71.93 -4.95 -14.99 | 69.06 -4.44 -16.60 | 55.59 -2.24 -17.82 | 51.20 -2.71 -15.72 | 42.87 -1.67 -16.66 | 42.84 -1.62 -16.59 | 52.38 -3.24 -15.13 | 89.22 -8.67 -7.55 | 152.54 -16.35 -0.30 | 158.24 -16.43 0.00 | 111.11 -10.93 -8.21 | 96.01 -8.49 -10.15 | 74.67 -6.44 -11.86 | 61.40 -4.45 -14.12 | 62.26 -3.14 -12.12 |

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|-------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| BINGHAMTON___COGEN 23790 | 72.77 0.24 -24.45 | 75.25 0.21 -23.19 | 66.54 0.28 -25.93 | 66.94 0.24 -26.75 | 67.78 0.26 -25.00 | 79.49 0.46 -21.04 | 83.10 0.64 -11.56 | 74.64 0.10 -22.45 | 80.64 -0.06 -23.79 | 90.50 -0.19 -28.79 | 88.66 -0.11 -31.87 | 74.28 0.04 -34.23 | 68.23 -0.15 -30.19 | 59.85 -0.03 -31.98 | 59.70 -0.03 -31.86 | 69.18 -0.37 -29.05 | 103.76 -1.08 -14.49 | 166.46 -2.70 -0.58 | 172.39 -2.28 0.00 | 127.89 -1.70 -15.77 | 112.61 -1.23 -19.50 | 91.54 -0.48 -22.77 | 78.48 -0.36 -27.11 | 76.50 -0.05 -23.27 |
| BLACK RIVER___HYD 24047 | 51.50 0.53 -2.89 | 55.26 0.67 -2.74 | 43.75 0.36 -3.06 | 43.51 0.40 -3.16 | 45.94 0.47 -2.95 | 61.06 0.58 -2.48 | 73.12 0.85 -1.37 | 55.20 0.47 -2.65 | 60.11 0.40 -2.81 | 66.15 0.87 -3.40 | 61.63 0.97 -3.76 | 44.85 0.80 -4.04 | 42.56 0.80 -3.56 | 32.17 0.50 -3.78 | 32.13 0.50 -3.76 | 44.49 0.57 -3.43 | 93.50 1.44 -1.71 | 172.02 3.37 -0.07 | 178.16 3.49 0.00 | 116.82 1.14 -1.86 | 98.06 1.42 -2.30 | 72.91 0.97 -2.69 | 55.50 0.57 -3.20 | 56.62 0.59 -2.75 |
| BLISS_WT_PWR 323608 | 60.44 -1.10 -13.46 | 63.27 -1.35 -12.77 | 53.79 -0.81 -14.27 | 53.83 -0.84 -14.72 | 55.31 -0.98 -13.76 | 68.53 -1.04 -11.58 | 76.20 -1.06 -6.36 | 62.51 -1.93 -12.36 | 67.21 -2.79 -13.09 | 74.33 -3.40 -15.85 | 71.37 -3.07 -17.54 | 57.53 -1.32 -18.84 | 52.98 -1.83 -16.62 | 44.47 -1.03 -17.60 | 44.40 -1.00 -17.54 | 54.10 -2.39 -15.99 | 91.74 -6.59 -7.98 | 156.09 -12.82 -0.32 | 162.09 -12.58 0.00 | 114.08 -8.42 -8.68 | 98.66 -6.42 -10.73 | 76.87 -4.92 -12.53 | 63.34 -3.31 -14.92 | 63.91 -2.19 -12.81 |
| BLUE_CIRC_CHEM_DRP 24182 | 146.26 2.84 -95.34 | 145.35 3.06 -90.44 | 143.82 2.38 -101.12 | 146.64 2.40 -104.30 | 142.52 2.51 -97.49 | 143.46 3.42 -82.05 | 120.16 4.18 -45.08 | 142.59 2.97 -87.54 | 153.07 3.41 -92.75 | 177.82 3.65 -112.28 | 184.60 3.41 -124.28 | 175.91 2.44 -133.47 | 158.21 2.29 -117.72 | 154.31 1.70 -124.72 | 153.80 1.70 -124.24 | 156.18 2.39 -113.29 | 151.93 5.06 -56.52 | 180.30 9.44 -2.28 | 184.44 9.78 0.00 | 181.57 6.26 -61.49 | 175.65 5.28 -76.03 | 161.92 3.88 -88.79 | 160.48 3.05 -105.70 | 147.01 2.98 -90.74 |
| BOC_GAS_DRP 24189 | 147.16 2.50 -96.58 | 146.17 2.69 -91.62 | 144.89 2.14 -102.43 | 147.72 2.12 -105.66 | 143.53 2.25 -98.76 | 144.18 3.07 -83.12 | 120.25 3.68 -45.67 | 143.37 2.60 -88.68 | 153.83 2.96 -93.96 | 178.85 3.22 -113.74 | 185.76 2.96 -125.90 | 177.37 2.16 -135.21 | 159.44 1.98 -119.26 | 155.74 1.51 -126.35 | 155.22 1.50 -125.86 | 157.33 2.06 -114.77 | 152.03 4.43 -57.26 | 178.98 8.09 -2.31 | 183.05 8.38 0.00 | 181.58 5.46 -62.30 | 175.98 4.62 -77.02 | 162.66 3.46 -89.94 | 161.45 2.64 -107.08 | 147.88 2.66 -91.93 |
| BORALEX_4TH_BRANCH 23824 | 150.26 4.04 -98.14 | 149.10 4.15 -93.10 | 147.72 3.31 -104.09 | 150.55 3.23 -107.36 | 146.28 3.40 -100.36 | 147.21 4.76 -84.46 | 123.33 6.02 -46.40 | 146.51 4.32 -90.11 | 157.33 4.95 -95.48 | 182.73 5.26 -115.58 | 189.67 4.83 -127.93 | 180.92 3.52 -137.39 | 162.62 3.24 -121.18 | 158.64 2.37 -128.38 | 158.15 2.40 -127.89 | 160.56 3.44 -116.62 | 156.03 7.49 -58.18 | 184.91 13.98 -2.34 | 189.16 14.49 0.00 | 186.56 9.44 -63.30 | 180.43 7.83 -78.26 | 166.33 5.68 -91.40 | 164.83 4.29 -108.81 | 151.01 4.31 -93.41 |
| BOWLINE___1 23526 | 124.92 3.32 -73.52 | 124.92 3.32 -69.75 | 120.92 2.62 -77.98 | 122.86 2.48 -80.43 | 120.38 2.68 -75.18 | 124.92 3.66 -63.27 | 110.70 5.03 -34.76 | 123.13 3.54 -67.51 | 132.36 3.92 -71.53 | 152.74 4.27 -86.59 | 156.67 3.92 -95.84 | 145.69 2.76 -102.93 | 131.61 2.63 -90.78 | 126.08 2.01 -96.18 | 125.65 1.98 -95.81 | 130.58 2.71 -87.37 | 140.17 6.23 -43.59 | 182.49 12.15 -1.76 | 187.59 12.93 0.00 | 169.79 8.54 -47.42 | 159.77 6.80 -58.63 | 142.78 5.05 -68.47 | 136.87 3.62 -81.51 | 126.89 3.63 -69.98 |
| BOWLINE___2 23595 | 124.98 3.36 -73.53 | 124.97 3.37 -69.75 | 120.93 2.62 -77.99 | 122.87 2.48 -80.44 | 120.39 2.68 -75.19 | 124.93 3.66 -63.28 | 110.77 5.11 -34.77 | 123.14 3.54 -67.51 | 132.42 3.98 -71.54 | 152.82 4.33 -86.60 | 156.80 4.04 -95.85 | 145.74 2.80 -102.94 | 131.66 2.67 -90.79 | 126.12 2.04 -96.19 | 125.69 2.01 -95.82 | 130.63 2.76 -87.38 | 140.26 6.32 -43.59 | 182.64 12.30 -1.76 | 187.77 13.11 0.00 | 169.90 8.65 -47.43 | 159.86 6.88 -58.64 | 142.86 5.12 -68.48 | 136.93 3.67 -81.52 | 126.90 3.63 -69.99 |
| BROOKHAVEN___DRP 24191 | 128.94 5.15 -75.71 | 128.29 4.61 -71.82 | 124.50 3.87 -80.30 | 125.62 2.84 -82.83 | 123.47 3.53 -77.42 | 126.80 3.66 -65.16 | 114.68 7.94 -35.84 | 126.65 5.05 -69.52 | 135.86 5.29 -73.66 | 157.56 6.50 -89.17 | 164.34 6.20 -101.23 | 153.58 4.36 -109.21 | 139.90 4.13 -97.58 | 134.50 3.12 -103.49 | 134.06 3.06 -103.13 | 138.91 4.29 -94.13 | 149.66 10.48 -48.83 | 199.16 20.56 -10.01 | 199.19 21.65 -2.87 | 181.11 14.46 -52.83 | 169.20 11.13 -63.73 | 152.38 8.59 -74.54 | 146.84 6.05 -89.06 | 131.06 5.70 -72.06 |
| BROOKLYN_NAVY_YARD 23515 | 127.93 4.14 -75.71 | 127.82 4.15 -71.81 | 123.84 3.23 -80.29 | 125.80 3.03 -82.82 | 123.16 3.23 -77.41 | 127.67 4.53 -65.16 | 112.95 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.15 | 160.53 4.95 -98.68 | 149.42 3.44 -105.98 | 134.96 3.29 -93.48 | 129.44 2.51 -99.03 | 128.99 2.48 -98.65 | 133.81 3.36 -89.96 | 143.00 7.77 -44.88 | 185.57 15.18 -1.81 | 190.73 16.06 0.00 | 173.24 10.59 -48.83 | 163.21 8.49 -60.37 | 145.99 6.24 -70.50 | 140.27 4.60 -83.94 | 129.93 4.58 -72.06 |
| BROOKLYN___ARMY_DRP 323595 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| BROOME_2_LFGE 323671 | 72.77 0.24 -24.45 | 75.25 0.21 -23.19 | 66.54 0.28 -25.93 | 66.94 0.24 -26.75 | 67.78 0.26 -25.00 | 79.49 0.46 -21.04 | 83.10 0.64 -11.56 | 74.64 0.10 -22.45 | 80.64 -0.06 -23.79 | 90.50 -0.19 -28.79 | 88.66 -0.11 -31.87 | 74.28 0.04 -34.23 | 68.23 -0.15 -30.19 | 59.85 -0.03 -31.98 | 59.70 -0.03 -31.86 | 69.18 -0.37 -29.05 | 103.76 -1.08 -14.49 | 166.46 -2.70 -0.58 | 172.39 -2.28 0.00 | 127.89 -1.70 -15.77 | 112.61 -1.23 -19.50 | 91.54 -0.48 -22.77 | 78.48 -0.36 -27.11 | 76.50 -0.05 -23.27 |
| BROOME___LFGE 323600 | 72.77 0.24 -24.45 | 75.25 0.21 -23.19 | 66.54 0.28 -25.93 | 66.94 0.24 -26.75 | 67.78 0.26 -25.00 | 79.49 0.46 -21.04 | 83.10 0.64 -11.56 | 74.64 0.10 -22.45 | 80.64 -0.06 -23.79 | 90.50 -0.19 -28.79 | 88.66 -0.11 -31.87 | 74.28 0.04 -34.23 | 68.23 -0.15 -30.19 | 59.85 -0.03 -31.98 | 59.70 -0.03 -31.86 | 69.18 -0.37 -29.05 | 103.76 -1.08 -14.49 | 166.46 -2.70 -0.58 | 172.39 -2.28 0.00 | 127.89 -1.70 -15.77 | 112.61 -1.23 -19.50 | 91.54 -0.48 -22.77 | 78.48 -0.36 -27.11 | 76.50 -0.05 -23.27 |
| BURROWS___LYONSDAL 23803 | 48.90 0.82 0.00 | 52.79 0.93 0.00 | 40.97 0.64 0.00 | 40.63 0.68 0.00 | 43.24 0.72 0.00 | 58.98 0.98 0.00 | 72.18 1.28 0.00 | 52.97 0.88 0.00 | 57.81 0.91 0.00 | 63.13 1.24 0.00 | 58.16 1.25 0.00 | 40.93 0.92 0.00 | 39.07 0.88 0.00 | 28.50 0.61 0.00 | 28.48 0.61 0.00 | 41.26 0.77 0.00 | 92.16 1.81 0.00 | 172.46 3.88 0.00 | 178.51 3.84 0.00 | 115.64 1.82 0.00 | 96.13 1.79 0.00 | 70.57 1.31 0.00 | 52.61 0.88 0.00 | 54.19 0.90 0.00 |
| CAITHNESS_CC_1 323624 | 128.75 4.95 -75.71 | 128.08 4.40 -71.82 | 124.33 3.71 -80.30 | 125.46 2.68 -82.83 | 123.30 3.36 -77.42 | 126.63 3.48 -65.16 | 114.40 7.66 -35.84 | 126.45 4.84 -69.52 | 135.69 5.12 -73.66 | 157.37 6.32 -89.17 | 164.10 5.97 -101.22 | 153.40 4.20 -109.20 | 139.77 4.01 -97.56 | 134.37 3.01 -103.47 | 133.95 2.98 -103.11 | 138.74 4.13 -94.11 | 149.28 10.12 -48.82 | 198.45 19.88 -9.98 | 198.47 20.95 -2.86 | 180.63 14.00 -52.81 | 168.81 10.75 -63.72 | 152.01 8.24 -74.52 | 146.61 5.84 -89.04 | 130.89 5.54 -72.06 |

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| CALPINE BETH_PAGE_GT4 24209 | 128.85 5.05 -75.72 | 128.30 4.61 -71.83 | 124.54 3.91 -80.31 | 125.75 2.96 -82.84 | 123.61 3.66 -77.43 | 127.22 4.06 -65.17 | 114.68 7.80 -35.99 | 126.72 5.11 -69.53 | 135.92 5.35 -73.67 | 157.50 6.44 -89.18 | 171.58 6.20 -108.47 | 162.79 4.36 -118.42 | 151.64 4.16 -109.28 | 147.19 3.12 -116.18 | 146.85 3.09 -115.89 | 150.80 4.29 -106.01 | 160.51 10.03 -60.13 | 221.62 19.55 -33.49 | 206.36 20.60 -11.09 | 191.58 13.54 -64.22 | 178.43 10.75 -73.34 | 163.28 7.96 -86.06 | 161.27 5.84 -103.69 | 131.01 5.65 -72.07 |
| CALPINE_BETH_PAGE_GT_4 323586 | 128.85 5.05 -75.72 | 128.30 4.61 -71.83 | 124.54 3.91 -80.31 | 125.75 2.96 -82.84 | 123.61 3.66 -77.43 | 127.22 4.06 -65.17 | 114.68 7.80 -35.99 | 126.72 5.11 -69.53 | 135.92 5.35 -73.67 | 157.50 6.44 -89.18 | 171.58 6.20 -108.47 | 162.79 4.36 -118.42 | 151.64 4.16 -109.28 | 147.19 3.12 -116.18 | 146.85 3.09 -115.89 | 150.80 4.29 -106.01 | 160.51 10.03 -60.13 | 221.62 19.55 -33.49 | 206.36 20.60 -11.09 | 191.58 13.54 -64.22 | 178.43 10.75 -73.34 | 163.28 7.96 -86.06 | 161.27 5.84 -103.69 | 131.01 5.65 -72.07 |
| CALPINE_BP_GT1 23823 | 128.85 5.05 -75.72 | 128.30 4.61 -71.83 | 124.54 3.91 -80.31 | 125.75 2.96 -82.84 | 123.61 3.66 -77.43 | 127.22 4.06 -65.17 | 114.68 7.80 -35.99 | 126.72 5.11 -69.53 | 135.92 5.35 -73.67 | 157.50 6.44 -89.18 | 171.58 6.20 -108.47 | 162.79 4.36 -118.42 | 151.64 4.16 -109.28 | 147.19 3.12 -116.18 | 146.85 3.09 -115.89 | 150.80 4.29 -106.01 | 160.51 10.03 -60.13 | 221.62 19.55 -33.49 | 206.36 20.60 -11.09 | 191.58 13.54 -64.22 | 178.43 10.75 -73.34 | 163.28 7.96 -86.06 | 161.27 5.84 -103.69 | 131.01 5.65 -72.07 |
| CALSPAN___DRP 24200 | 58.71 -1.92 -12.55 | 61.48 -2.28 -11.91 | 52.10 -1.53 -13.31 | 52.12 -1.56 -13.73 | 53.57 -1.78 -12.84 | 66.59 -2.20 -10.80 | 74.07 -2.77 -5.94 | 60.12 -3.49 -11.53 | 64.51 -4.61 -12.21 | 71.35 -5.32 -14.78 | 68.49 -4.78 -16.36 | 55.06 -2.52 -17.57 | 50.75 -2.94 -15.50 | 42.47 -1.84 -16.42 | 42.44 -1.78 -16.36 | 51.89 -3.52 -14.92 | 88.49 -9.30 -7.44 | 151.35 -17.54 -0.30 | 157.03 -17.63 0.00 | 110.20 -11.72 -8.10 | 95.20 -9.15 -10.01 | 74.09 -6.86 -11.69 | 60.89 -4.76 -13.92 | 61.82 -3.41 -11.95 |
| CANDIGU_WT_PWR 323617 | 63.97 -0.77 -16.66 | 66.73 -0.93 -15.81 | 57.43 -0.56 -17.67 | 57.58 -0.60 -18.23 | 58.88 -0.68 -17.04 | 71.64 -0.69 -14.34 | 78.14 -0.64 -7.88 | 66.03 -1.35 -15.30 | 71.12 -1.99 -16.21 | 79.10 -2.41 -19.62 | 76.40 -2.22 -21.72 | 62.17 -1.16 -23.33 | 57.20 -1.57 -20.57 | 48.77 -0.92 -21.80 | 48.60 -0.98 -21.71 | 58.27 -2.02 -19.80 | 94.90 -5.33 -9.88 | 158.87 -10.11 -0.40 | 164.89 -9.78 0.00 | 117.85 -6.72 -10.75 | 102.35 -5.28 -13.29 | 81.10 -3.67 -15.52 | 67.77 -2.43 -18.47 | 67.55 -1.60 -15.86 |
| CARR STREET_E_SYR 24060 | 53.71 -0.86 -6.49 | 57.02 -0.99 -6.15 | 46.52 -0.69 -6.88 | 46.37 -0.68 -7.10 | 48.43 -0.72 -6.63 | 62.59 -0.99 -5.58 | 72.76 -1.21 -3.07 | 56.94 -1.10 -5.96 | 61.91 -1.31 -6.31 | 68.11 -1.42 -7.64 | 64.11 -1.25 -8.46 | 48.25 -0.84 -9.08 | 45.29 -0.92 -8.01 | 35.77 -0.61 -8.49 | 35.70 -0.61 -8.45 | 47.11 -1.09 -7.71 | 91.49 -2.71 -3.85 | 164.02 -4.72 -0.15 | 169.96 -4.71 0.00 | 114.70 -3.30 -4.18 | 96.88 -2.64 -5.17 | 73.50 -1.80 -6.04 | 57.58 -1.35 -7.19 | 58.18 -1.28 -6.18 |
| CARTHAGE___PAPER 23857 | 50.93 0.38 -2.46 | 54.76 0.57 -2.34 | 43.18 0.24 -2.61 | 42.93 0.28 -2.69 | 45.38 0.34 -2.52 | 60.52 0.41 -2.12 | 72.77 0.71 -1.16 | 54.76 0.41 -2.26 | 59.64 0.34 -2.40 | 65.54 0.75 -2.90 | 60.97 0.85 -3.21 | 44.09 0.64 -3.45 | 41.96 0.72 -3.04 | 31.53 0.42 -3.22 | 31.49 0.42 -3.21 | 43.95 0.53 -2.93 | 93.07 1.26 -1.46 | 171.68 3.04 -0.06 | 177.81 3.15 0.00 | 116.43 1.02 -1.59 | 97.53 1.22 -1.96 | 72.45 0.90 -2.29 | 54.98 0.52 -2.73 | 56.16 0.53 -2.34 |
| CE_DUNWOOD___DRP 24194 | 127.42 3.80 -75.54 | 127.35 3.84 -71.66 | 123.42 2.98 -80.12 | 125.42 2.84 -82.64 | 122.78 3.02 -77.24 | 127.18 4.18 -65.01 | 112.29 5.67 -35.72 | 125.40 3.96 -69.36 | 134.84 4.44 -73.49 | 155.74 4.89 -88.96 | 159.93 4.55 -98.47 | 148.96 3.20 -105.75 | 134.48 3.02 -93.27 | 129.00 2.29 -98.82 | 128.55 2.26 -98.44 | 133.38 3.12 -89.76 | 142.36 7.23 -44.78 | 184.37 13.98 -1.80 | 189.51 14.84 0.00 | 172.44 9.90 -48.72 | 162.41 7.83 -60.24 | 145.35 5.75 -70.35 | 139.62 4.14 -83.75 | 129.29 4.10 -71.90 |
| CE_MILLWOOD___DRP 24193 | 127.04 3.70 -75.25 | 126.98 3.74 -71.39 | 123.04 2.90 -79.81 | 124.99 2.72 -82.32 | 122.40 2.93 -76.95 | 126.75 4.00 -64.76 | 111.94 5.46 -35.58 | 124.98 3.80 -69.10 | 134.44 4.32 -73.21 | 155.22 4.70 -88.63 | 159.38 4.38 -98.10 | 148.44 3.08 -105.35 | 134.02 2.90 -92.92 | 128.54 2.20 -98.44 | 128.10 2.17 -98.06 | 132.92 3.00 -89.43 | 141.92 6.96 -44.61 | 183.87 13.49 -1.80 | 188.99 14.33 0.00 | 171.80 9.44 -48.54 | 161.91 7.55 -60.01 | 144.88 5.54 -70.08 | 139.15 3.98 -83.43 | 128.86 3.94 -71.63 |
| CE_NYC2_DRP 24202 | 128.17 4.38 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.34 4.78 -73.65 | 156.37 5.32 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 130.04 4.69 -72.07 |
| CE_NYC_DRP 24195 | 128.07 4.28 -75.71 | 127.97 4.30 -71.81 | 123.96 3.34 -80.29 | 125.92 3.16 -82.81 | 123.33 3.40 -77.41 | 127.84 4.70 -65.15 | 113.09 6.38 -35.81 | 126.01 4.42 -69.51 | 135.56 5.01 -73.65 | 156.55 5.51 -89.15 | 160.71 5.12 -98.68 | 149.58 3.60 -105.98 | 135.07 3.40 -93.47 | 129.52 2.59 -99.03 | 129.07 2.56 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 186.07 15.68 -1.81 | 191.27 16.60 0.00 | 173.69 11.04 -48.83 | 163.49 8.78 -60.37 | 146.20 6.44 -70.50 | 140.32 4.66 -83.94 | 129.98 4.63 -72.06 |
| CHAFFEE___LFGE 323603 | 59.49 -1.59 -12.99 | 62.26 -1.92 -12.32 | 52.85 -1.25 -13.78 | 52.88 -1.28 -14.21 | 54.32 -1.49 -13.29 | 67.43 -1.74 -11.18 | 74.92 -2.13 -6.14 | 61.05 -2.97 -11.93 | 65.56 -3.98 -12.64 | 72.55 -4.64 -15.30 | 69.69 -4.15 -16.94 | 56.16 -2.04 -18.19 | 51.68 -2.56 -16.04 | 43.35 -1.53 -17.00 | 43.32 -1.48 -16.93 | 52.86 -3.08 -15.44 | 89.83 -8.22 -7.70 | 153.39 -15.51 -0.31 | 159.12 -15.55 0.00 | 111.85 -10.36 -8.38 | 96.68 -8.02 -10.36 | 75.19 -6.16 -12.10 | 61.89 -4.24 -14.40 | 62.72 -2.93 -12.37 |
| CHATEAUG_WT_PWR 323614 | 47.51 -0.57 0.00 | 51.38 -0.47 0.00 | 39.76 -0.56 0.00 | 39.39 -0.56 0.00 | 42.01 -0.51 0.00 | 57.35 -0.64 0.00 | 70.55 -0.35 0.00 | 52.19 0.10 0.00 | 56.96 0.06 0.00 | 62.14 0.25 0.00 | 57.13 0.23 0.00 | 39.97 -0.04 0.00 | 38.39 0.19 0.00 | 27.89 0.00 0.00 | 27.86 0.00 0.00 | 40.86 0.36 0.00 | 91.61 1.26 0.00 | 171.12 2.53 0.00 | 177.11 2.44 0.00 | 115.64 1.82 0.00 | 95.66 1.32 0.00 | 70.02 0.76 0.00 | 52.25 0.52 0.00 | 53.71 0.42 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 47.41 -0.67 0.00 | 51.33 -0.52 0.00 | 39.68 -0.65 0.00 | 39.35 -0.60 0.00 | 41.97 -0.55 0.00 | 57.30 -0.69 0.00 | 70.48 -0.42 0.00 | 52.19 0.10 0.00 | 56.96 0.06 0.00 | 62.14 0.25 0.00 | 57.13 0.23 0.00 | 39.97 -0.04 0.00 | 38.39 0.19 0.00 | 27.86 -0.03 0.00 | 27.86 0.00 0.00 | 40.86 0.36 0.00 | 91.61 1.26 0.00 | 171.27 2.69 0.00 | 177.29 2.62 0.00 | 115.76 1.93 0.00 | 95.76 1.42 0.00 | 70.09 0.83 0.00 | 52.25 0.52 0.00 | 53.71 0.42 0.00 |
| CHAUTAUQUA___LFGE 323629 | 59.51 -1.35 -12.78 | 62.31 -1.66 -12.12 | 52.82 -1.05 -13.55 | 52.89 -1.04 -13.98 | 54.35 -1.23 -13.07 | 67.59 -1.39 -11.00 | 75.24 -1.70 -6.04 | 61.21 -2.60 -11.73 | 65.69 -3.64 -12.43 | 72.73 -4.21 -15.05 | 69.80 -3.76 -16.66 | 56.17 -1.72 -17.89 | 51.76 -2.22 -15.78 | 43.30 -1.31 -16.71 | 43.26 -1.25 -16.65 | 52.84 -2.84 -15.18 | 90.15 -7.77 -7.57 | 154.39 -14.50 -0.31 | 160.17 -14.50 0.00 | 112.27 -9.79 -8.24 | 96.98 -7.55 -10.19 | 75.34 -5.82 -11.90 | 61.86 -4.04 -14.17 | 62.73 -2.72 -12.16 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| CH_MIDHUDSON___DRP 24192 | 132.51 4.08 -80.34 | 132.21 4.15 -76.21 | 128.79 3.26 -85.21 | 130.96 3.12 -87.89 | 127.99 3.32 -82.15 | 131.71 4.58 -69.14 | 114.84 5.96 -37.99 | 130.02 4.17 -73.77 | 139.79 4.72 -78.16 | 161.70 5.20 -94.62 | 166.46 4.83 -104.73 | 155.79 3.32 -112.47 | 140.56 3.17 -99.20 | 135.39 2.40 -105.10 | 134.89 2.34 -104.69 | 139.24 3.28 -95.47 | 145.39 7.41 -47.63 | 185.16 14.66 -1.92 | 190.04 15.37 0.00 | 175.77 10.13 -51.82 | 166.53 8.11 -64.07 | 150.03 5.96 -74.82 | 145.15 4.35 -89.07 | 134.07 4.31 -76.47 |
| CH_MISC_IPPS 23765 | 129.91 4.28 -77.55 | 129.83 4.40 -73.57 | 126.00 3.43 -82.25 | 128.03 3.23 -84.84 | 125.31 3.49 -79.30 | 129.49 4.76 -66.74 | 113.73 6.17 -36.67 | 127.67 4.38 -71.21 | 137.30 4.95 -75.45 | 158.67 5.45 -91.33 | 163.06 5.06 -101.09 | 152.05 3.48 -108.57 | 137.32 3.36 -95.76 | 131.86 2.51 -101.45 | 131.40 2.48 -101.06 | 136.09 3.44 -92.16 | 144.10 7.77 -45.98 | 185.94 15.50 -1.85 | 190.91 16.25 0.00 | 174.43 10.59 -50.02 | 164.77 8.58 -61.85 | 147.78 6.30 -72.22 | 142.27 4.55 -85.98 | 131.58 4.48 -73.82 |
| CH_RES_BVR_FALLS 23983 | 43.69 -0.33 4.05 | 47.75 -0.26 3.85 | 35.74 -0.28 4.30 | 35.24 -0.28 4.44 | 38.12 -0.25 4.15 | 54.16 -0.35 3.49 | 68.63 -0.35 1.92 | 48.15 -0.21 3.72 | 52.73 -0.23 3.94 | 56.87 -0.25 4.77 | 51.39 -0.23 5.29 | 34.13 -0.20 5.68 | 33.07 -0.11 5.01 | 22.45 -0.14 5.30 | 22.44 -0.14 5.28 | 35.56 -0.12 4.82 | 87.68 -0.27 2.40 | 167.65 -0.84 0.10 | 173.45 -1.21 0.00 | 110.42 -0.79 2.62 | 90.64 -0.47 3.23 | 65.13 -0.34 3.78 | 46.98 -0.26 4.50 | 49.16 -0.27 3.86 |
| CH_RES_NIAGARA 23895 | 56.60 -3.12 -11.64 | 59.32 -3.58 -11.04 | 50.17 -2.50 -12.35 | 50.17 -2.52 -12.74 | 51.58 -2.85 -11.90 | 64.30 -3.71 -10.02 | 71.58 -4.82 -5.50 | 57.25 -5.52 -10.69 | 61.34 -6.89 -11.33 | 67.68 -7.92 -13.71 | 64.91 -7.17 -15.18 | 52.18 -4.12 -16.30 | 48.06 -4.51 -14.37 | 40.16 -2.96 -15.23 | 40.16 -2.87 -15.17 | 49.23 -5.10 -13.83 | 84.15 -13.10 -6.90 | 144.24 -24.62 -0.28 | 149.69 -24.98 0.00 | 104.71 -16.62 -7.51 | 90.42 -13.21 -9.28 | 70.40 -9.70 -10.84 | 57.86 -6.77 -12.91 | 59.36 -5.01 -11.08 |
| CH_RES_SYRACUSE 23985 | 54.79 -0.82 -7.52 | 58.06 -0.93 -7.14 | 47.70 -0.60 -7.98 | 47.54 -0.64 -8.23 | 49.53 -0.68 -7.69 | 63.53 -0.93 -6.47 | 73.25 -1.21 -3.56 | 57.89 -1.10 -6.91 | 62.92 -1.31 -7.32 | 69.33 -1.42 -8.86 | 65.46 -1.25 -9.81 | 49.70 -0.84 -10.53 | 46.53 -0.95 -9.29 | 37.09 -0.64 -9.84 | 37.03 -0.64 -9.80 | 48.30 -1.13 -8.94 | 92.10 -2.71 -4.46 | 164.04 -4.72 -0.18 | 169.96 -4.71 0.00 | 115.37 -3.30 -4.85 | 97.70 -2.64 -6.00 | 74.53 -1.73 -7.01 | 58.78 -1.29 -8.34 | 59.22 -1.22 -7.16 |
| CLINTON_WT_PWR 323605 | 47.51 -0.57 0.00 | 51.38 -0.47 0.00 | 39.76 -0.56 0.00 | 39.39 -0.56 0.00 | 42.01 -0.51 0.00 | 57.35 -0.64 0.00 | 70.55 -0.35 0.00 | 52.19 0.10 0.00 | 56.96 0.06 0.00 | 62.14 0.25 0.00 | 57.13 0.23 0.00 | 39.97 -0.04 0.00 | 38.39 0.19 0.00 | 27.89 0.00 0.00 | 27.86 0.00 0.00 | 40.86 0.36 0.00 | 91.61 1.26 0.00 | 171.12 2.53 0.00 | 177.11 2.44 0.00 | 115.64 1.82 0.00 | 95.66 1.32 0.00 | 70.02 0.76 0.00 | 52.25 0.52 0.00 | 53.71 0.42 0.00 |
| CLINTON___LFGE 323618 | 48.13 0.05 0.00 | 52.06 0.21 0.00 | 40.28 -0.04 0.00 | 39.95 0.00 0.00 | 42.61 0.09 0.00 | 58.22 0.23 0.00 | 71.68 0.78 0.00 | 53.02 0.94 0.00 | 57.87 0.97 0.00 | 63.19 1.30 0.00 | 58.10 1.20 0.00 | 40.61 0.60 0.00 | 38.96 0.76 0.00 | 28.31 0.42 0.00 | 28.28 0.42 0.00 | 41.47 0.97 0.00 | 92.97 2.62 0.00 | 173.98 5.39 0.00 | 180.26 5.59 0.00 | 117.69 3.87 0.00 | 97.27 2.93 0.00 | 71.13 1.87 0.00 | 53.03 1.29 0.00 | 54.51 1.23 0.00 |
| COLONIE_LFGE___ 323577 | 151.64 3.80 -99.76 | 150.43 3.94 -94.64 | 149.24 3.11 -105.81 | 152.16 3.08 -109.14 | 147.77 3.23 -102.02 | 148.25 4.41 -85.86 | 123.60 5.53 -47.17 | 147.69 4.01 -91.60 | 158.63 4.67 -97.06 | 184.39 5.01 -117.49 | 191.56 4.61 -130.05 | 183.07 3.40 -139.66 | 164.55 3.17 -123.18 | 160.71 2.31 -130.51 | 160.21 2.34 -130.00 | 162.41 3.36 -118.55 | 156.72 7.23 -59.14 | 184.46 13.49 -2.38 | 188.30 13.63 0.00 | 186.94 8.77 -64.35 | 181.35 7.45 -79.56 | 167.57 5.41 -92.91 | 166.48 4.14 -110.61 | 152.34 4.10 -94.95 |
| CORNELL___ 23752 | 64.66 -0.10 -16.68 | 67.47 -0.21 -15.82 | 57.93 -0.08 -17.69 | 58.12 -0.08 -18.24 | 59.45 -0.13 -17.05 | 72.28 -0.06 -14.35 | 78.86 0.07 -7.89 | 67.24 -0.16 -15.31 | 72.85 -0.28 -16.22 | 81.22 -0.31 -19.64 | 78.42 -0.23 -21.74 | 63.19 -0.16 -23.35 | 58.44 -0.34 -20.59 | 49.51 -0.19 -21.82 | 49.40 -0.19 -21.73 | 59.75 -0.57 -19.82 | 98.61 -1.62 -9.89 | 166.46 -2.52 -0.40 | 172.39 -2.28 0.00 | 122.64 -1.94 -10.76 | 106.13 -1.51 -13.30 | 84.16 -0.62 -15.53 | 69.65 -0.57 -18.49 | 68.68 -0.48 -15.87 |
| COXSACKIE___GT 23611 | 135.42 4.76 -82.57 | 135.21 5.03 -78.33 | 131.86 3.95 -87.58 | 134.08 3.80 -90.33 | 131.04 4.08 -84.44 | 134.62 5.57 -71.06 | 116.75 6.81 -39.04 | 132.75 4.84 -75.82 | 142.82 5.58 -80.34 | 165.21 6.07 -97.25 | 170.18 5.63 -107.64 | 159.41 3.80 -115.60 | 143.86 3.70 -101.96 | 138.65 2.73 -108.02 | 138.17 2.70 -107.61 | 142.47 3.85 -98.13 | 147.61 8.31 -48.95 | 187.76 17.20 -1.97 | 192.13 17.46 0.00 | 178.25 11.16 -53.26 | 169.54 9.34 -65.85 | 152.95 6.79 -76.90 | 148.30 5.02 -91.55 | 136.78 4.90 -78.60 |
| CRESCENT___HYD 24018 | 151.64 3.80 -99.76 | 150.43 3.94 -94.64 | 149.24 3.11 -105.81 | 152.16 3.08 -109.14 | 147.77 3.23 -102.02 | 148.25 4.41 -85.86 | 123.60 5.53 -47.17 | 147.69 4.01 -91.60 | 158.63 4.67 -97.06 | 184.39 5.01 -117.49 | 191.56 4.61 -130.05 | 183.07 3.40 -139.66 | 164.55 3.17 -123.18 | 160.71 2.31 -130.51 | 160.21 2.34 -130.00 | 162.41 3.36 -118.55 | 156.72 7.23 -59.14 | 184.46 13.49 -2.38 | 188.30 13.63 0.00 | 186.94 8.77 -64.35 | 181.35 7.45 -79.56 | 167.57 5.41 -92.91 | 166.48 4.14 -110.61 | 152.34 4.10 -94.95 |
| CRUCIBLE_METL_DRP 24180 | 54.79 -0.82 -7.52 | 58.06 -0.93 -7.14 | 47.70 -0.60 -7.98 | 47.54 -0.64 -8.23 | 49.53 -0.68 -7.69 | 63.53 -0.93 -6.47 | 73.25 -1.21 -3.56 | 57.89 -1.10 -6.91 | 62.92 -1.31 -7.32 | 69.33 -1.42 -8.86 | 65.46 -1.25 -9.81 | 49.70 -0.84 -10.53 | 46.53 -0.95 -9.29 | 37.09 -0.64 -9.84 | 37.03 -0.64 -9.80 | 48.30 -1.13 -8.94 | 92.10 -2.71 -4.46 | 164.04 -4.72 -0.18 | 169.96 -4.71 0.00 | 115.37 -3.30 -4.85 | 97.70 -2.64 -6.00 | 74.53 -1.73 -7.01 | 58.78 -1.29 -8.34 | 59.22 -1.22 -7.16 |
| DANC___LFGE 323619 | 51.50 0.53 -2.89 | 55.26 0.67 -2.74 | 43.75 0.36 -3.06 | 43.51 0.40 -3.16 | 45.94 0.47 -2.95 | 61.06 0.58 -2.48 | 73.12 0.85 -1.37 | 55.20 0.47 -2.65 | 60.11 0.40 -2.81 | 66.15 0.87 -3.40 | 61.63 0.97 -3.76 | 44.85 0.80 -4.04 | 42.56 0.80 -3.56 | 32.17 0.50 -3.78 | 32.13 0.50 -3.76 | 44.49 0.57 -3.43 | 93.50 1.44 -1.71 | 172.02 3.37 -0.07 | 178.16 3.49 0.00 | 116.82 1.14 -1.86 | 98.06 1.42 -2.30 | 72.91 0.97 -2.69 | 55.50 0.57 -3.20 | 56.62 0.59 -2.75 |
| DANSKAMMER___1 23586 | 129.91 4.28 -77.55 | 129.83 4.40 -73.57 | 126.00 3.43 -82.25 | 128.03 3.23 -84.84 | 125.31 3.49 -79.30 | 129.49 4.76 -66.74 | 113.73 6.17 -36.67 | 127.67 4.38 -71.21 | 137.30 4.95 -75.45 | 158.67 5.45 -91.33 | 163.06 5.06 -101.09 | 152.05 3.48 -108.57 | 137.32 3.36 -95.76 | 131.86 2.51 -101.45 | 131.40 2.48 -101.06 | 136.09 3.44 -92.16 | 144.10 7.77 -45.98 | 185.94 15.50 -1.85 | 190.91 16.25 0.00 | 174.43 10.59 -50.02 | 164.77 8.58 -61.85 | 147.78 6.30 -72.22 | 142.27 4.55 -85.98 | 131.58 4.48 -73.82 |
| DANSKAMMER___2 23589 | 129.91 4.28 -77.55 | 129.83 4.40 -73.57 | 126.00 3.43 -82.25 | 128.03 3.23 -84.84 | 125.31 3.49 -79.30 | 129.49 4.76 -66.74 | 113.73 6.17 -36.67 | 127.67 4.38 -71.21 | 137.30 4.95 -75.45 | 158.67 5.45 -91.33 | 163.06 5.06 -101.09 | 152.05 3.48 -108.57 | 137.32 3.36 -95.76 | 131.86 2.51 -101.45 | 131.40 2.48 -101.06 | 136.09 3.44 -92.16 | 144.10 7.77 -45.98 | 185.94 15.50 -1.85 | 190.91 16.25 0.00 | 174.43 10.59 -50.02 | 164.77 8.58 -61.85 | 147.78 6.30 -72.22 | 142.27 4.55 -85.98 | 131.58 4.48 -73.82 |

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|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| DANSKAMMER___3 23590 | 129.91 4.28 -77.55 | 129.83 4.40 -73.57 | 126.00 3.43 -82.25 | 128.03 3.23 -84.84 | 125.31 3.49 -79.30 | 129.49 4.76 -66.74 | 113.73 6.17 -36.67 | 127.67 4.38 -71.21 | 137.30 4.95 -75.45 | 158.67 5.45 -91.33 | 163.06 5.06 -101.09 | 152.05 3.48 -108.57 | 137.32 3.36 -95.76 | 131.86 2.51 -101.45 | 131.40 2.48 -101.06 | 136.09 3.44 -92.16 | 144.10 7.77 -45.98 | 185.94 15.50 -1.85 | 190.91 16.25 0.00 | 174.43 10.59 -50.02 | 164.77 8.58 -61.85 | 147.78 6.30 -72.22 | 142.27 4.55 -85.98 | 131.58 4.48 -73.82 |
| DANSKAMMER___4 23591 | 129.91 4.28 -77.55 | 129.83 4.40 -73.57 | 126.00 3.43 -82.25 | 128.03 3.23 -84.84 | 125.31 3.49 -79.30 | 129.49 4.76 -66.74 | 113.73 6.17 -36.67 | 127.67 4.38 -71.21 | 137.30 4.95 -75.45 | 158.67 5.45 -91.33 | 163.06 5.06 -101.09 | 152.05 3.48 -108.57 | 137.32 3.36 -95.76 | 131.86 2.51 -101.45 | 131.40 2.48 -101.06 | 136.09 3.44 -92.16 | 144.10 7.77 -45.98 | 185.94 15.50 -1.85 | 190.91 16.25 0.00 | 174.43 10.59 -50.02 | 164.77 8.58 -61.85 | 147.78 6.30 -72.22 | 142.27 4.55 -85.98 | 131.58 4.48 -73.82 |
| DANSKAMMER___DIESEL 23592 | 129.91 4.28 -77.55 | 129.83 4.40 -73.57 | 126.00 3.43 -82.25 | 128.03 3.23 -84.84 | 125.31 3.49 -79.30 | 129.49 4.76 -66.74 | 113.73 6.17 -36.67 | 127.67 4.38 -71.21 | 137.30 4.95 -75.45 | 158.67 5.45 -91.33 | 163.06 5.06 -101.09 | 152.05 3.48 -108.57 | 137.32 3.36 -95.76 | 131.86 2.51 -101.45 | 131.40 2.48 -101.06 | 136.09 3.44 -92.16 | 144.10 7.77 -45.98 | 185.94 15.50 -1.85 | 190.91 16.25 0.00 | 174.43 10.59 -50.02 | 164.77 8.58 -61.85 | 147.78 6.30 -72.22 | 142.27 4.55 -85.98 | 131.58 4.48 -73.82 |
| DASHVILLE___HYD 23610 | 129.17 3.41 -77.67 | 129.07 3.53 -73.69 | 125.45 2.74 -82.38 | 127.52 2.60 -84.97 | 124.76 2.81 -79.43 | 128.61 3.77 -66.85 | 112.52 4.89 -36.73 | 126.79 3.38 -71.32 | 136.35 3.87 -75.57 | 157.58 4.21 -91.48 | 162.08 3.92 -101.25 | 151.39 2.64 -108.74 | 136.71 2.60 -95.91 | 131.46 1.95 -101.61 | 131.00 1.92 -101.22 | 135.43 2.63 -92.30 | 142.36 5.96 -46.05 | 182.58 12.15 -1.86 | 187.41 12.74 0.00 | 172.23 8.30 -50.10 | 162.99 6.70 -61.94 | 146.58 4.99 -72.34 | 141.42 3.57 -86.12 | 130.73 3.52 -73.93 |
| DELAWARE___LFGE 323621 | 82.12 1.73 -32.30 | 84.47 1.97 -30.65 | 76.12 1.53 -34.26 | 76.85 1.56 -35.34 | 77.21 1.66 -33.03 | 88.05 2.26 -27.80 | 88.80 2.62 -15.27 | 83.52 1.77 -29.66 | 90.32 1.99 -31.43 | 102.16 2.22 -38.05 | 101.06 2.05 -42.11 | 86.79 1.56 -45.22 | 79.46 1.37 -39.89 | 71.21 1.06 -42.26 | 71.02 1.06 -42.10 | 80.22 1.33 -38.39 | 112.48 2.98 -19.15 | 174.91 5.56 -0.77 | 180.61 5.94 0.00 | 138.30 3.64 -20.84 | 123.21 3.11 -25.76 | 101.70 2.36 -30.08 | 89.25 1.70 -35.82 | 85.79 1.76 -30.75 |
| DOGLEVILLE___HYD 23807 | 50.35 4.18 1.92 | 54.54 4.51 1.82 | 41.84 3.55 2.04 | 41.37 3.52 2.10 | 44.26 3.70 1.96 | 61.44 5.10 1.65 | 76.16 6.17 0.91 | 54.74 4.42 1.76 | 59.87 4.83 1.87 | 64.89 5.26 2.26 | 59.30 4.89 2.50 | 40.84 3.52 2.69 | 39.11 3.29 2.37 | 27.81 2.43 2.51 | 27.78 2.42 2.50 | 41.57 3.36 2.28 | 96.44 7.23 1.14 | 181.85 13.32 0.05 | 188.46 13.80 0.00 | 121.47 8.88 1.24 | 100.36 7.55 1.53 | 73.21 5.75 1.79 | 53.90 4.29 2.13 | 55.94 4.48 1.83 |
| DUNKIRK___1 23563 | 59.44 -1.40 -12.75 | 62.24 -1.71 -12.09 | 52.76 -1.09 -13.52 | 52.78 -1.12 -13.95 | 54.24 -1.32 -13.04 | 67.52 -1.45 -10.97 | 75.16 -1.77 -6.03 | 61.08 -2.71 -11.71 | 65.61 -3.70 -12.40 | 72.57 -4.33 -15.01 | 69.65 -3.87 -16.62 | 56.06 -1.80 -17.85 | 51.65 -2.29 -15.74 | 43.20 -1.37 -16.68 | 43.17 -1.31 -16.61 | 52.73 -2.92 -15.15 | 90.05 -7.86 -7.56 | 154.05 -14.84 -0.30 | 159.82 -14.85 0.00 | 112.14 -9.90 -8.22 | 96.78 -7.73 -10.17 | 75.17 -5.96 -11.87 | 61.78 -4.09 -14.13 | 62.65 -2.77 -12.13 |
| DUNKIRK___2 23564 | 59.44 -1.40 -12.75 | 62.24 -1.71 -12.09 | 52.76 -1.09 -13.52 | 52.78 -1.12 -13.95 | 54.24 -1.32 -13.04 | 67.52 -1.45 -10.97 | 75.16 -1.77 -6.03 | 61.08 -2.71 -11.71 | 65.61 -3.70 -12.40 | 72.57 -4.33 -15.01 | 69.65 -3.87 -16.62 | 56.06 -1.80 -17.85 | 51.65 -2.29 -15.74 | 43.20 -1.37 -16.68 | 43.17 -1.31 -16.61 | 52.73 -2.92 -15.15 | 90.05 -7.86 -7.56 | 154.05 -14.84 -0.30 | 159.82 -14.85 0.00 | 112.14 -9.90 -8.22 | 96.78 -7.73 -10.17 | 75.17 -5.96 -11.87 | 61.78 -4.09 -14.13 | 62.65 -2.77 -12.13 |
| DUNKIRK___3 23565 | 59.05 -1.63 -12.60 | 61.84 -1.97 -11.96 | 52.40 -1.29 -13.37 | 52.46 -1.28 -13.79 | 53.92 -1.49 -12.89 | 67.10 -1.74 -10.85 | 74.66 -2.20 -5.96 | 60.63 -3.02 -11.57 | 65.13 -4.04 -12.26 | 71.97 -4.76 -14.84 | 69.06 -4.27 -16.43 | 55.57 -2.08 -17.64 | 51.20 -2.56 -15.56 | 42.82 -1.56 -16.49 | 42.78 -1.51 -16.42 | 52.31 -3.16 -14.98 | 89.32 -8.50 -7.47 | 153.03 -15.85 -0.30 | 158.77 -15.89 0.00 | 111.25 -10.70 -8.13 | 96.09 -8.30 -10.05 | 74.69 -6.30 -11.74 | 61.31 -4.40 -13.97 | 62.25 -3.04 -12.00 |
| DUNKIRK___4 23566 | 59.05 -1.63 -12.60 | 61.84 -1.97 -11.96 | 52.40 -1.29 -13.37 | 52.46 -1.28 -13.79 | 53.92 -1.49 -12.89 | 67.10 -1.74 -10.85 | 74.66 -2.20 -5.96 | 60.63 -3.02 -11.57 | 65.13 -4.04 -12.26 | 71.97 -4.76 -14.84 | 69.06 -4.27 -16.43 | 55.57 -2.08 -17.64 | 51.20 -2.56 -15.56 | 42.82 -1.56 -16.49 | 42.78 -1.51 -16.42 | 52.31 -3.16 -14.98 | 89.32 -8.50 -7.47 | 153.03 -15.85 -0.30 | 158.77 -15.89 0.00 | 111.25 -10.70 -8.13 | 96.09 -8.30 -10.05 | 74.69 -6.30 -11.74 | 61.31 -4.40 -13.97 | 62.25 -3.04 -12.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 127.82 4.04 -75.70 | 127.71 4.05 -71.81 | 123.76 3.15 -80.29 | 125.72 2.96 -82.81 | 123.08 3.15 -77.41 | 127.49 4.35 -65.15 | 112.65 5.96 -35.79 | 125.76 4.17 -69.51 | 135.16 4.61 -73.65 | 156.12 5.08 -89.15 | 160.37 4.78 -98.68 | 149.30 3.32 -105.97 | 134.84 3.17 -93.47 | 129.32 2.40 -99.03 | 128.88 2.37 -98.65 | 133.69 3.24 -89.96 | 142.82 7.59 -44.88 | 185.05 14.66 -1.81 | 190.21 15.54 0.00 | 173.01 10.36 -48.83 | 162.92 8.20 -60.37 | 145.78 6.02 -70.50 | 140.05 4.39 -83.93 | 129.71 4.37 -72.05 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 126.26 3.56 -74.62 | 126.27 3.63 -70.79 | 122.33 2.86 -79.14 | 124.30 2.72 -81.63 | 121.72 2.89 -76.30 | 126.21 4.00 -64.22 | 111.50 5.32 -35.28 | 124.29 3.70 -68.51 | 133.71 4.21 -72.60 | 154.35 4.58 -87.88 | 158.44 4.27 -97.27 | 147.43 2.96 -104.46 | 133.16 2.83 -92.14 | 127.65 2.15 -97.61 | 127.22 2.12 -97.24 | 132.08 2.92 -88.67 | 141.18 6.59 -44.24 | 183.35 12.98 -1.78 | 188.46 13.80 0.00 | 171.06 9.11 -48.13 | 161.11 7.26 -59.51 | 144.08 5.33 -69.49 | 138.34 3.88 -82.73 | 128.09 3.78 -71.02 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 128.22 4.42 -75.71 | 128.40 4.72 -71.83 | 124.38 3.75 -80.30 | 126.30 3.52 -82.83 | 123.69 3.74 -77.42 | 127.96 4.81 -65.16 | 112.73 6.02 -35.80 | 125.65 4.07 -69.50 | 134.99 4.44 -73.65 | 156.05 5.01 -89.15 | 160.25 4.67 -98.68 | 149.26 3.28 -105.98 | 134.72 3.06 -93.47 | 129.29 2.37 -99.03 | 128.82 2.31 -98.65 | 133.61 3.16 -89.96 | 142.54 7.32 -44.87 | 184.71 14.32 -1.80 | 189.85 15.19 0.01 | 172.77 10.13 -48.82 | 162.72 8.01 -60.37 | 145.71 5.96 -70.50 | 140.02 4.35 -83.94 | 129.94 4.58 -72.07 |
| EAST HAMPTON___GT 23717 | 132.45 8.65 -75.71 | 131.97 8.29 -71.82 | 127.32 6.70 -80.30 | 128.29 5.52 -82.83 | 126.32 6.38 -77.42 | 130.40 7.25 -65.16 | 119.15 12.40 -35.84 | 129.93 8.33 -69.52 | 139.55 8.99 -73.66 | 161.64 10.58 -89.17 | 168.00 9.85 -101.25 | 156.16 6.92 -109.24 | 142.37 6.57 -97.61 | 136.35 4.94 -103.52 | 135.84 4.82 -103.16 | 141.42 6.76 -94.16 | 155.66 16.45 -48.86 | 206.65 27.99 -10.07 | 207.25 29.69 -2.89 | 186.59 19.91 -52.86 | 173.66 15.56 -63.76 | 157.40 13.58 -74.57 | 150.40 9.57 -89.10 | 134.67 9.32 -72.06 |
| EAST RIVER___6 23660 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.25 3.32 -77.41 | 127.73 4.58 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.50 4.95 -73.65 | 156.49 5.45 -89.15 | 160.65 5.06 -98.68 | 149.59 3.60 -105.98 | 135.07 3.40 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.27 16.60 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.27 4.60 -83.94 | 129.93 4.58 -72.06 |

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| EAST RIVER___7 23524 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.25 3.32 -77.41 | 127.73 4.58 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.50 4.95 -73.65 | 156.49 5.45 -89.15 | 160.65 5.06 -98.68 | 149.59 3.60 -105.98 | 135.07 3.40 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.27 16.60 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.27 4.60 -83.94 | 129.93 4.58 -72.06 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 127.42 3.80 -75.54 | 127.35 3.84 -71.66 | 123.42 2.98 -80.12 | 125.42 2.84 -82.64 | 122.78 3.02 -77.24 | 127.18 4.18 -65.01 | 112.29 5.67 -35.72 | 125.40 3.96 -69.36 | 134.84 4.44 -73.49 | 155.74 4.89 -88.96 | 159.93 4.55 -98.47 | 148.96 3.20 -105.75 | 134.48 3.02 -93.27 | 129.00 2.29 -98.82 | 128.55 2.26 -98.44 | 133.38 3.12 -89.76 | 142.36 7.23 -44.78 | 184.37 13.98 -1.80 | 189.51 14.84 0.00 | 172.44 9.90 -48.72 | 162.41 7.83 -60.24 | 145.35 5.75 -70.35 | 139.62 4.14 -83.75 | 129.29 4.10 -71.90 |
| EAST_HAMPTON___DIESEL 23722 | 132.45 8.65 -75.71 | 131.97 8.29 -71.82 | 127.32 6.70 -80.30 | 128.29 5.52 -82.83 | 126.32 6.38 -77.42 | 130.40 7.25 -65.16 | 119.15 12.40 -35.84 | 129.99 8.39 -69.52 | 139.55 8.99 -73.66 | 161.64 10.58 -89.17 | 168.00 9.85 -101.25 | 156.16 6.92 -109.24 | 142.37 6.57 -97.61 | 136.35 4.94 -103.52 | 135.84 4.82 -103.16 | 141.42 6.76 -94.16 | 155.66 16.45 -48.86 | 206.65 27.99 -10.07 | 207.25 29.69 -2.89 | 186.72 20.04 -52.86 | 173.66 15.56 -63.76 | 157.40 13.58 -74.57 | 150.40 9.57 -89.10 | 134.67 9.32 -72.06 |
| EAST_RIVER___1 323558 | 128.07 4.28 -75.71 | 127.97 4.30 -71.81 | 123.96 3.34 -80.29 | 125.92 3.16 -82.81 | 123.33 3.40 -77.41 | 127.84 4.70 -65.15 | 113.09 6.38 -35.81 | 126.01 4.42 -69.51 | 135.56 5.01 -73.65 | 156.55 5.51 -89.15 | 160.71 5.12 -98.68 | 149.58 3.60 -105.98 | 135.07 3.40 -93.47 | 129.52 2.59 -99.03 | 129.07 2.56 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 186.07 15.68 -1.81 | 191.27 16.60 0.00 | 173.69 11.04 -48.83 | 163.49 8.78 -60.37 | 146.20 6.44 -70.50 | 140.32 4.66 -83.94 | 129.98 4.63 -72.06 |
| EAST_RIVER___2 323559 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.25 3.32 -77.41 | 127.73 4.58 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.50 4.95 -73.65 | 156.49 5.45 -89.15 | 160.65 5.06 -98.68 | 149.59 3.60 -105.98 | 135.07 3.40 -93.48 | 129.49 2.56 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.27 16.60 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.27 4.60 -83.94 | 129.93 4.58 -72.06 |
| EAST___DELAWARE_HYD 23607 | 118.08 1.34 -68.65 | 118.27 1.30 -65.13 | 114.14 1.01 -72.81 | 115.93 0.88 -75.10 | 113.70 0.98 -70.20 | 118.41 1.33 -59.08 | 105.28 1.92 -32.46 | 116.42 1.30 -63.03 | 125.35 1.65 -66.79 | 144.59 1.85 -80.85 | 148.22 1.82 -89.49 | 137.23 1.12 -96.11 | 124.11 1.14 -84.77 | 118.62 0.92 -89.81 | 118.19 0.86 -89.46 | 123.25 1.18 -81.58 | 133.67 2.62 -40.70 | 176.28 6.06 -1.64 | 181.13 6.47 0.00 | 162.08 3.98 -44.28 | 152.30 3.21 -54.75 | 135.47 2.28 -63.93 | 129.40 1.55 -76.11 | 119.96 1.33 -65.34 |
| ELEC_TRO_TEK 24086 | 128.19 4.38 -75.73 | 127.64 3.94 -71.85 | 124.03 3.39 -80.32 | 125.28 2.48 -82.85 | 123.11 3.15 -77.45 | 126.71 3.54 -65.18 | 114.10 7.02 -36.18 | 126.10 4.48 -69.54 | 135.20 4.61 -73.68 | 156.65 5.57 -89.19 | 180.95 5.58 -118.46 | 175.01 3.88 -131.12 | 167.32 3.70 -125.42 | 164.37 2.79 -133.69 | 164.14 2.76 -133.52 | 166.72 3.81 -122.42 | 174.76 8.67 -75.73 | 251.35 16.86 -65.91 | 214.94 17.82 -22.45 | 205.49 11.73 -79.94 | 190.28 9.34 -86.59 | 178.15 6.92 -101.97 | 180.80 5.17 -123.89 | 130.38 5.01 -72.08 |
| ELLENBURG_WT_PWR 323604 | 47.51 -0.57 0.00 | 51.38 -0.47 0.00 | 39.76 -0.56 0.00 | 39.39 -0.56 0.00 | 42.01 -0.51 0.00 | 57.35 -0.64 0.00 | 70.55 -0.35 0.00 | 52.19 0.10 0.00 | 56.96 0.06 0.00 | 62.14 0.25 0.00 | 57.13 0.23 0.00 | 39.97 -0.04 0.00 | 38.39 0.19 0.00 | 27.89 0.00 0.00 | 27.86 0.00 0.00 | 40.86 0.36 0.00 | 91.61 1.26 0.00 | 171.12 2.53 0.00 | 177.11 2.44 0.00 | 115.64 1.82 0.00 | 95.66 1.32 0.00 | 70.02 0.76 0.00 | 52.25 0.52 0.00 | 53.71 0.42 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 58.08 -2.26 -12.26 | 60.84 -2.64 -11.63 | 51.55 -1.77 -13.00 | 51.57 -1.80 -13.41 | 52.97 -2.08 -12.54 | 65.93 -2.61 -10.55 | 73.44 -3.26 -5.80 | 59.33 -4.01 -11.26 | 63.71 -5.12 -11.93 | 70.39 -5.94 -14.44 | 67.53 -5.35 -15.98 | 54.29 -2.88 -17.16 | 50.01 -3.32 -15.14 | 41.81 -2.12 -16.04 | 41.81 -2.03 -15.98 | 51.18 -3.89 -14.57 | 87.41 -10.21 -7.27 | 149.65 -19.22 -0.29 | 155.27 -19.39 0.00 | 108.87 -12.86 -7.91 | 94.03 -10.09 -9.78 | 73.13 -7.55 -11.42 | 60.05 -5.28 -13.59 | 61.12 -3.84 -11.67 |
| EMPIRE_CC_1 323656 | 145.00 3.22 -93.69 | 144.10 3.37 -88.88 | 142.35 2.66 -99.37 | 145.04 2.60 -102.50 | 141.09 2.76 -95.81 | 142.45 3.83 -80.63 | 119.95 4.75 -44.30 | 141.49 3.38 -86.03 | 151.93 3.87 -91.15 | 176.38 4.15 -110.34 | 182.85 3.81 -122.13 | 173.93 2.76 -131.16 | 156.44 2.56 -115.69 | 152.36 1.90 -122.57 | 151.85 1.90 -122.09 | 154.50 2.67 -111.34 | 150.68 4.79 -55.54 | 179.75 8.93 -2.24 | 183.92 9.25 0.00 | 180.28 6.03 -60.43 | 174.06 5.00 -74.72 | 160.18 3.67 -87.25 | 159.02 3.41 -103.88 | 145.88 3.41 -89.18 |
| EMPIRE_CC_2 323658 | 145.00 3.22 -93.69 | 144.10 3.37 -88.88 | 142.35 2.66 -99.37 | 145.04 2.60 -102.50 | 141.09 2.76 -95.81 | 142.45 3.83 -80.63 | 119.95 4.75 -44.30 | 141.49 3.38 -86.03 | 151.93 3.87 -91.15 | 176.38 4.15 -110.34 | 182.85 3.81 -122.13 | 173.93 2.76 -131.16 | 156.44 2.56 -115.69 | 152.36 1.90 -122.57 | 151.85 1.90 -122.09 | 154.50 2.67 -111.34 | 150.68 4.79 -55.54 | 179.75 8.93 -2.24 | 183.92 9.25 0.00 | 180.28 6.03 -60.43 | 174.06 5.00 -74.72 | 160.18 3.67 -87.25 | 159.02 3.41 -103.88 | 145.88 3.41 -89.18 |
| ERIE_WT_PWR 323693 | 58.76 -1.88 -12.55 | 61.53 -2.23 -11.91 | 52.14 -1.49 -13.31 | 52.17 -1.52 -13.73 | 53.61 -1.75 -12.84 | 66.65 -2.14 -10.80 | 74.14 -2.69 -5.94 | 60.17 -3.44 -11.53 | 64.56 -4.55 -12.21 | 71.41 -5.26 -14.78 | 68.55 -4.72 -16.36 | 55.14 -2.44 -17.57 | 50.79 -2.90 -15.50 | 42.50 -1.81 -16.42 | 42.47 -1.75 -16.36 | 51.93 -3.48 -14.92 | 88.57 -9.22 -7.44 | 151.52 -17.36 -0.30 | 157.20 -17.47 0.00 | 110.31 -11.61 -8.10 | 95.30 -9.06 -10.01 | 74.16 -6.78 -11.69 | 60.89 -4.76 -13.92 | 61.88 -3.36 -11.95 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 64.44 -0.24 -16.60 | 67.29 -0.31 -15.75 | 57.77 -0.16 -17.60 | 57.95 -0.16 -18.16 | 59.28 -0.21 -16.97 | 72.10 -0.17 -14.28 | 78.68 -0.07 -7.85 | 67.06 -0.26 -15.24 | 72.60 -0.46 -16.15 | 80.94 -0.50 -19.55 | 78.15 -0.40 -21.64 | 63.00 -0.24 -23.24 | 58.23 -0.46 -20.49 | 49.35 -0.25 -21.71 | 49.24 -0.25 -21.63 | 59.57 -0.65 -19.72 | 98.38 -1.81 -9.84 | 165.95 -3.03 -0.40 | 171.87 -2.80 0.00 | 122.25 -2.28 -10.71 | 105.88 -1.70 -13.24 | 83.95 -0.76 -15.46 | 69.41 -0.72 -18.40 | 68.50 -0.58 -15.80 |
| E_CANADA_CAP_HY 24051 | 170.38 0.48 -121.82 | 167.88 0.47 -115.56 | 169.89 0.36 -129.20 | 173.62 0.40 -133.27 | 167.56 0.47 -124.57 | 163.18 0.35 -104.84 | 129.21 0.71 -57.60 | 164.51 0.57 -111.85 | 176.62 1.20 -118.52 | 206.66 1.30 -143.47 | 216.95 1.25 -158.80 | 211.79 1.24 -170.54 | 189.65 1.03 -150.42 | 188.01 0.75 -159.36 | 187.39 0.78 -158.75 | 186.31 1.05 -144.76 | 165.28 2.71 -72.22 | 176.73 5.23 -2.91 | 179.39 4.72 0.00 | 194.90 2.50 -78.57 | 194.04 2.55 -97.15 | 184.36 1.66 -113.45 | 187.72 0.93 -135.06 | 169.82 0.59 -115.95 |
| E_CANADA_MHWK_HY 24050 | 50.35 4.18 1.92 | 54.54 4.51 1.82 | 41.84 3.55 2.04 | 41.37 3.52 2.10 | 44.26 3.70 1.96 | 61.44 5.10 1.65 | 76.16 6.17 0.91 | 54.74 4.42 1.76 | 59.87 4.83 1.87 | 64.89 5.26 2.26 | 59.30 4.89 2.50 | 40.84 3.52 2.69 | 39.11 3.29 2.37 | 27.81 2.43 2.51 | 27.78 2.42 2.50 | 41.57 3.36 2.28 | 96.44 7.23 1.14 | 181.85 13.32 0.05 | 188.46 13.80 0.00 | 121.47 8.88 1.24 | 100.36 7.55 1.53 | 73.21 5.75 1.79 | 53.90 4.29 2.13 | 55.94 4.48 1.83 |

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|--|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|--------------------------|
| E_FISHKILL___LBMP 23776 | 128.91 3.56 -77.27 | 128.78 3.63 -73.30 | 125.09 2.82 -81.95 | 127.15 2.68 -84.53 | 124.42 2.89 -79.01 | 128.43 3.95 -66.50 | 112.75 5.32 -36.53 | 126.73 3.70 -70.95 | 136.23 4.15 -75.17 | 157.47 4.58 -91.00 | 161.90 4.27 -100.72 | 151.13 2.96 -108.17 | 136.43 2.83 -95.41 | 131.09 2.12 -101.08 | 130.64 2.09 -100.69 | 135.19 2.88 -91.82 | 142.84 6.69 -45.81 | 183.24 12.81 -1.85 | 188.30 13.63 0.00 | 172.65 8.99 -49.84 | 163.13 7.17 -61.62 | 146.55 5.33 -71.96 | 141.28 3.88 -85.66 | 130.67 3.84 -73.54 |
| FAR ROCKAWAY___4 23548 | 129.32 5.48 -75.76 | 128.86 5.13 -71.88 | 124.99 4.32 -80.35 | 126.14 3.31 -82.88 | 124.08 4.08 -77.47 | 127.89 4.70 -65.21 | 116.10 8.58 -36.62 | 127.33 5.68 -69.57 | 136.48 5.86 -73.71 | 158.16 7.05 -89.22 | 203.98 6.20 -140.87 | 203.98 4.36 -159.61 | 203.98 4.16 -161.62 | 203.98 3.12 -172.96 | 203.98 3.09 -173.02 | 203.98 4.29 -159.19 | 210.90 9.85 -110.70 | 326.36 19.21 -138.57 | 242.82 20.25 -47.90 | 242.20 13.20 -115.18 | 221.21 10.56 -116.30 | 214.64 7.75 -137.63 | 227.17 6.26 -169.18 | 131.52 6.13 -72.11 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 128.17 4.38 -75.71 | 128.07 4.40 -71.81 | 124.04 3.43 -80.29 | 126.00 3.23 -82.82 | 123.37 3.44 -77.41 | 127.90 4.76 -65.16 | 113.23 6.52 -35.81 | 126.12 4.53 -69.51 | 135.62 5.06 -73.65 | 156.67 5.63 -89.15 | 160.82 5.23 -98.68 | 149.66 3.68 -105.98 | 135.15 3.48 -93.48 | 129.54 2.62 -99.03 | 129.10 2.59 -98.65 | 134.02 3.56 -89.96 | 143.45 8.22 -44.88 | 186.23 15.84 -1.81 | 191.61 16.94 0.00 | 173.81 11.16 -48.83 | 163.58 8.87 -60.37 | 146.26 6.51 -70.50 | 140.42 4.76 -83.94 | 130.09 4.74 -72.06 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 128.07 4.28 -75.71 | 128.02 4.36 -71.81 | 124.00 3.39 -80.29 | 125.96 3.20 -82.82 | 123.33 3.40 -77.41 | 127.84 4.70 -65.16 | 113.09 6.38 -35.81 | 126.07 4.48 -69.51 | 135.56 5.01 -73.65 | 156.55 5.51 -89.15 | 160.71 5.12 -98.68 | 149.59 3.60 -105.98 | 135.07 3.40 -93.48 | 129.52 2.59 -99.03 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 186.07 15.68 -1.81 | 191.27 16.60 0.00 | 173.69 11.04 -48.83 | 163.49 8.78 -60.37 | 146.20 6.44 -70.50 | 140.38 4.71 -83.94 | 130.04 4.69 -72.06 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 128.07 4.28 -75.71 | 127.97 4.30 -71.81 | 124.00 3.39 -80.29 | 125.92 3.16 -82.82 | 123.33 3.40 -77.41 | 127.84 4.70 -65.16 | 113.09 6.38 -35.81 | 126.07 4.48 -69.51 | 135.56 5.01 -73.65 | 156.55 5.51 -89.15 | 160.71 5.12 -98.68 | 149.59 3.60 -105.98 | 135.07 3.40 -93.48 | 129.52 2.59 -99.03 | 129.07 2.56 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 186.07 15.68 -1.81 | 191.27 16.60 0.00 | 173.69 11.04 -48.83 | 163.49 8.78 -60.37 | 146.20 6.44 -70.50 | 140.33 4.66 -83.94 | 129.98 4.63 -72.06 |
| FARRAGUT___LBMP 323566 | 128.02 4.23 -75.71 | 127.92 4.25 -71.81 | 123.96 3.34 -80.29 | 125.88 3.12 -82.82 | 123.29 3.36 -77.41 | 127.79 4.64 -65.16 | 113.02 6.31 -35.81 | 126.02 4.42 -69.51 | 135.50 4.95 -73.65 | 156.49 5.45 -89.15 | 160.65 5.06 -98.68 | 149.54 3.56 -105.98 | 135.03 3.36 -93.48 | 129.49 2.56 -99.03 | 129.02 2.51 -98.65 | 133.89 3.44 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.12 6.37 -70.50 | 140.27 4.60 -83.94 | 129.93 4.58 -72.06 |
| FENNER___WINDPWR 24204 | 53.82 0.58 -5.15 | 57.31 0.57 -4.89 | 46.27 0.49 -5.47 | 46.07 0.48 -5.64 | 48.30 0.51 -5.27 | 63.18 0.75 -4.44 | 74.26 0.92 -2.44 | 57.34 0.52 -4.73 | 62.49 0.57 -5.01 | 68.64 0.68 -6.07 | 64.36 0.74 -6.72 | 47.78 0.56 -7.22 | 44.98 0.42 -6.36 | 34.97 0.34 -6.74 | 34.91 0.34 -6.72 | 46.91 0.29 -6.12 | 93.95 0.55 -3.06 | 170.05 1.34 -0.12 | 176.24 1.57 0.00 | 117.72 0.57 -3.32 | 99.12 0.67 -4.11 | 74.61 0.55 -4.80 | 57.76 0.31 -5.71 | 58.57 0.38 -4.91 |
| FIBERTEK___ENERGY 23856 | 54.79 -0.82 -7.52 | 58.06 -0.93 -7.14 | 47.70 -0.60 -7.98 | 47.54 -0.64 -8.23 | 49.53 -0.68 -7.69 | 63.53 -0.93 -6.47 | 73.25 -1.21 -3.56 | 57.89 -1.10 -6.91 | 62.92 -1.31 -7.32 | 69.33 -1.42 -8.86 | 65.46 -1.25 -9.81 | 49.70 -0.84 -10.53 | 46.53 -0.95 -9.29 | 37.09 -0.64 -9.84 | 37.03 -0.64 -9.80 | 48.30 -1.13 -8.94 | 92.10 -2.71 -4.46 | 164.04 -4.72 -0.18 | 169.96 -4.71 0.00 | 115.37 -3.30 -4.85 | 97.70 -2.64 -6.00 | 74.53 -1.73 -7.01 | 58.78 -1.29 -8.34 | 59.22 -1.22 -7.16 |
| FITZPATRICK___ 23598 | 50.83 -1.83 -4.58 | 54.17 -2.02 -4.34 | 43.73 -1.45 -4.86 | 43.52 -1.44 -5.01 | 45.63 -1.57 -4.68 | 59.73 -2.20 -3.94 | 70.30 -2.77 -2.16 | 54.10 -2.19 -4.20 | 58.91 -2.45 -4.45 | 64.56 -2.72 -5.39 | 60.43 -2.45 -5.97 | 44.77 -1.64 -6.41 | 42.17 -1.68 -5.65 | 32.71 -1.17 -5.99 | 32.69 -1.14 -5.97 | 44.07 -1.86 -5.44 | 88.73 -4.34 -2.71 | 160.77 -7.92 -0.11 | 166.46 -8.21 0.00 | 111.31 -5.46 -2.95 | 93.56 -4.43 -3.65 | 70.33 -3.18 -4.26 | 54.48 -2.33 -5.08 | 55.35 -2.29 -4.36 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 130.19 4.38 -77.73 | 130.10 4.51 -73.74 | 126.27 3.51 -82.45 | 128.35 3.36 -85.04 | 125.58 3.57 -79.49 | 129.82 4.93 -66.90 | 113.96 6.31 -36.75 | 127.94 4.48 -71.38 | 137.60 5.06 -75.63 | 159.01 5.57 -91.55 | 163.41 5.18 -101.33 | 152.39 3.56 -108.82 | 137.62 3.44 -95.99 | 132.18 2.59 -101.69 | 131.70 2.54 -101.30 | 136.39 3.52 -92.37 | 144.39 7.95 -46.08 | 186.28 15.84 -1.86 | 191.27 16.60 0.00 | 174.78 10.82 -50.14 | 165.11 8.78 -61.99 | 148.09 6.44 -72.39 | 142.57 4.66 -86.18 | 131.86 4.58 -73.99 |
| FORT ORANGE___ 23900 | 146.41 3.36 -94.96 | 145.52 3.58 -90.09 | 143.82 2.78 -100.72 | 146.59 2.75 -103.89 | 142.56 2.93 -97.11 | 143.66 3.95 -81.73 | 120.76 4.96 -44.90 | 142.82 3.54 -87.20 | 153.40 4.10 -92.39 | 178.19 4.46 -111.84 | 184.80 4.10 -123.79 | 175.91 2.96 -132.94 | 158.24 2.79 -117.26 | 154.19 2.06 -124.23 | 153.68 2.06 -123.75 | 156.26 2.92 -112.85 | 152.80 6.15 -56.30 | 182.32 11.47 -2.27 | 186.55 11.88 0.00 | 182.70 7.63 -61.25 | 176.49 6.42 -75.73 | 162.41 4.71 -88.44 | 160.64 3.62 -105.29 | 147.30 3.63 -90.39 |
| FORT_DRUM_COGEN 23780 | 51.39 0.53 -2.78 | 55.11 0.62 -2.63 | 43.59 0.32 -2.95 | 43.35 0.36 -3.04 | 45.79 0.43 -2.84 | 60.90 0.52 -2.39 | 72.99 0.78 -1.31 | 55.10 0.47 -2.55 | 60.01 0.40 -2.70 | 65.96 0.80 -3.27 | 61.49 0.97 -3.62 | 44.65 0.76 -3.89 | 42.39 0.76 -3.43 | 32.03 0.50 -3.63 | 31.96 0.47 -3.62 | 44.36 0.57 -3.30 | 93.35 1.36 -1.65 | 172.02 3.37 -0.07 | 178.16 3.49 0.00 | 116.75 1.14 -1.79 | 97.98 1.42 -2.22 | 72.81 0.97 -2.59 | 55.38 0.57 -3.08 | 56.52 0.59 -2.64 |
| FPL_FAR_ROCK_GT1 24212 | 129.32 5.48 -75.76 | 128.86 5.13 -71.88 | 124.99 4.32 -80.35 | 126.14 3.31 -82.88 | 124.08 4.08 -77.47 | 127.89 4.70 -65.21 | 116.10 8.58 -36.62 | 127.33 5.68 -69.57 | 136.48 5.86 -73.71 | 158.16 7.05 -89.22 | 203.98 6.20 -140.87 | 203.98 4.36 -159.61 | 203.98 4.16 -161.62 | 203.98 3.12 -172.96 | 203.98 3.09 -173.02 | 203.98 4.29 -159.19 | 210.90 9.85 -110.70 | 326.36 19.21 -138.57 | 242.82 20.25 -47.90 | 242.20 13.20 -115.18 | 221.21 10.56 -116.30 | 214.64 7.75 -137.63 | 227.17 6.26 -169.18 | 131.52 6.13 -72.11 |
| FPL_FAR_ROCK_GT2 23815 | 129.32 5.48 -75.76 | 128.86 5.13 -71.88 | 124.99 4.32 -80.35 | 126.14 3.31 -82.88 | 124.08 4.08 -77.47 | 127.89 4.70 -65.21 | 116.10 8.58 -36.62 | 127.33 5.68 -69.57 | 136.48 5.86 -73.71 | 158.16 7.05 -89.22 | 203.98 6.20 -140.87 | 203.98 4.36 -159.61 | 203.98 4.16 -161.62 | 203.98 3.12 -172.96 | 203.98 3.09 -173.02 | 203.98 4.29 -159.19 | 210.90 9.85 -110.70 | 326.36 19.21 -138.57 | 242.82 20.25 -47.90 | 242.20 13.20 -115.18 | 221.21 10.56 -116.30 | 214.64 7.75 -137.63 | 227.17 6.26 -169.18 | 131.52 6.13 -72.11 |
| FRANKLIN_FALL_HYD 24054 | 47.89 -0.19 0.00 | 51.96 0.10 0.00 | 40.08 -0.24 0.00 | 39.75 -0.20 0.00 | 42.44 -0.08 0.00 | 57.87 -0.12 0.00 | 71.46 0.56 0.00 | 52.86 0.78 0.00 | 57.64 0.74 0.00 | 62.94 1.05 0.00 | 57.87 0.97 0.00 | 40.37 0.36 0.00 | 38.92 0.72 0.00 | 28.17 0.28 0.00 | 28.11 0.25 0.00 | 41.26 0.77 0.00 | 92.43 2.08 0.00 | 172.96 4.38 0.00 | 179.04 4.37 0.00 | 116.78 2.95 0.00 | 96.60 2.26 0.00 | 70.71 1.46 0.00 | 52.82 1.09 0.00 | 54.30 1.01 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 128.86 5.05 -75.73 | 128.31 4.61 -71.84 | 124.55 3.91 -80.32 | 125.76 2.96 -82.85 | 123.62 3.66 -77.44 | 127.28 4.12 -65.18 | 114.91 7.87 -36.14 | 126.78 5.16 -69.54 | 135.88 5.29 -73.68 | 157.51 6.44 -89.19 | 179.28 6.15 -116.23 | 172.61 4.32 -128.28 | 164.13 4.13 -121.81 | 160.76 3.10 -129.77 | 160.50 3.06 -129.57 | 163.49 4.25 -118.74 | 172.53 9.94 -72.24 | 246.61 19.38 -58.64 | 215.17 20.60 -19.90 | 203.66 13.42 -76.41 | 188.62 10.66 -83.62 | 175.55 7.89 -98.41 | 176.89 5.79 -119.37 | 130.96 5.59 -72.08 |
| FREEPORT___CT2 23818 | 128.86 5.05 -75.73 | 128.31 4.61 -71.84 | 124.55 3.91 -80.32 | 125.76 2.96 -82.85 | 123.62 3.66 -77.44 | 127.28 4.12 -65.18 | 114.91 7.87 -36.14 | 126.78 5.16 -69.54 | 135.88 5.29 -73.68 | 157.51 6.44 -89.19 | 179.28 6.15 -116.23 | 172.61 4.32 -128.28 | 164.13 4.13 -121.81 | 160.76 3.10 -129.77 | 160.50 3.06 -129.57 | 163.49 4.25 -118.74 | 172.53 9.94 -72.24 | 246.61 19.38 -58.64 | 215.17 20.60 -19.90 | 203.66 13.42 -76.41 | 188.62 10.66 -83.62 | 175.55 7.89 -98.41 | 176.89 5.79 -119.37 | 130.96 5.59 -72.08 |
| FULTON COGEN____ 23766 | 52.84 -1.10 -5.86 | 56.17 -1.24 -5.56 | 45.65 -0.89 -6.22 | 45.49 -0.88 -6.41 | 47.54 -0.98 -5.99 | 61.76 -1.28 -5.05 | 72.04 -1.63 -2.77 | 56.01 -1.46 -5.38 | 60.90 -1.71 -5.70 | 66.94 -1.86 -6.90 | 62.89 -1.65 -7.64 | 47.09 -1.12 -8.21 | 44.21 -1.22 -7.24 | 34.73 -0.84 -7.67 | 34.69 -0.81 -7.64 | 46.09 -1.38 -6.97 | 90.58 -3.25 -3.48 | 162.99 -5.73 -0.14 | 168.91 -5.76 0.00 | 113.62 -3.99 -3.78 | 95.81 -3.21 -4.68 | 72.57 -2.15 -5.46 | 56.68 -1.55 -6.50 | 57.32 -1.55 -5.58 |
| FULTON___LFGE 323630 | 168.69 5.15 -115.46 | 166.83 5.44 -109.53 | 166.98 4.19 -122.46 | 170.50 4.23 -126.31 | 165.18 4.59 -118.07 | 163.04 5.69 -99.37 | 133.01 7.51 -54.59 | 163.78 5.68 -106.02 | 176.47 7.23 -112.33 | 205.61 7.74 -135.98 | 214.59 7.17 -150.51 | 207.37 5.72 -161.64 | 186.07 5.31 -142.57 | 182.79 3.85 -151.05 | 182.23 3.90 -150.46 | 183.29 5.59 -137.21 | 171.99 13.19 -68.45 | 196.13 24.79 -2.76 | 198.78 24.11 0.00 | 202.99 14.69 -74.47 | 199.35 12.93 -92.08 | 185.78 9.00 -107.53 | 186.00 6.26 -128.01 | 168.94 5.76 -109.90 |
| G.F.CEMENT___DRP 24184 | 153.51 4.81 -100.62 | 152.28 4.98 -95.45 | 150.95 3.91 -106.72 | 153.90 3.87 -110.08 | 149.50 4.08 -102.89 | 150.04 5.45 -86.60 | 125.50 7.02 -47.58 | 149.63 5.16 -92.39 | 161.00 6.20 -97.90 | 187.02 6.63 -118.50 | 194.10 6.03 -131.17 | 185.43 4.56 -140.86 | 166.64 4.20 -124.25 | 162.59 3.07 -131.63 | 162.11 3.12 -131.12 | 164.56 4.49 -119.57 | 160.21 10.21 -59.65 | 190.03 19.04 -2.40 | 193.71 19.04 0.00 | 190.78 12.06 -64.90 | 184.96 10.38 -80.24 | 170.38 7.41 -93.71 | 168.67 5.38 -111.56 | 154.34 5.28 -95.77 |
| GARDENVILLE___LBMP 24039 | 58.50 -2.07 -12.48 | 61.31 -2.38 -11.84 | 51.94 -1.61 -13.24 | 51.96 -1.64 -13.65 | 53.37 -1.91 -12.76 | 66.41 -2.32 -10.74 | 73.89 -2.91 -5.90 | 59.89 -3.65 -11.46 | 64.27 -4.78 -12.14 | 71.02 -5.57 -14.70 | 68.16 -5.01 -16.27 | 54.84 -2.64 -17.47 | 50.51 -3.09 -15.41 | 42.26 -1.95 -16.33 | 42.26 -1.87 -16.26 | 51.68 -3.64 -14.83 | 88.17 -9.58 -7.40 | 150.85 -18.04 -0.30 | 156.50 -18.17 0.00 | 109.69 -12.18 -8.05 | 94.77 -9.53 -9.95 | 73.75 -7.13 -11.62 | 60.60 -4.97 -13.84 | 61.65 -3.52 -11.88 |
| GENERAL___MILLS 23808 | 58.71 -1.92 -12.55 | 61.48 -2.28 -11.91 | 52.10 -1.53 -13.31 | 52.12 -1.56 -13.73 | 53.57 -1.78 -12.84 | 66.59 -2.20 -10.80 | 74.07 -2.77 -5.94 | 60.12 -3.49 -11.53 | 64.51 -4.61 -12.21 | 71.35 -5.32 -14.78 | 68.49 -4.78 -16.36 | 55.06 -2.52 -17.57 | 50.75 -2.94 -15.50 | 42.47 -1.84 -16.42 | 42.44 -1.78 -16.36 | 51.89 -3.52 -14.92 | 88.49 -9.30 -7.44 | 151.35 -17.54 -0.30 | 157.03 -17.63 0.00 | 110.20 -11.72 -8.10 | 95.20 -9.15 -10.01 | 74.09 -6.86 -11.69 | 60.89 -4.76 -13.92 | 61.82 -3.41 -11.95 |
| GE_PLASTICS___DRP 24183 | 146.34 2.84 -95.42 | 145.43 3.06 -90.52 | 143.90 2.38 -101.20 | 146.69 2.36 -104.39 | 142.60 2.51 -97.58 | 143.53 3.42 -82.12 | 120.20 4.18 -45.12 | 142.61 2.91 -87.61 | 153.15 3.41 -92.83 | 177.92 3.65 -112.38 | 184.65 3.36 -124.39 | 176.03 2.44 -133.58 | 158.31 2.29 -117.82 | 154.42 1.70 -124.83 | 153.91 1.70 -124.34 | 156.28 2.39 -113.39 | 151.98 5.06 -56.57 | 180.30 9.44 -2.28 | 184.27 9.60 0.00 | 181.63 6.26 -61.55 | 175.72 5.28 -76.09 | 162.00 3.88 -88.86 | 160.52 3.00 -105.79 | 147.09 2.98 -90.82 |
| GILBOA___1 23756 | 124.48 2.21 -74.18 | 124.92 2.69 -70.38 | 121.14 2.14 -78.68 | 123.30 2.20 -81.16 | 120.72 2.34 -75.86 | 125.08 3.25 -63.84 | 109.31 3.33 -35.08 | 122.49 2.29 -68.12 | 131.70 2.62 -72.17 | 152.05 2.79 -87.37 | 156.23 2.62 -96.71 | 145.74 1.88 -103.85 | 131.52 1.72 -91.60 | 126.25 1.31 -97.05 | 125.85 1.31 -96.67 | 130.43 1.78 -88.16 | 138.21 3.88 -43.98 | 177.11 6.75 -1.77 | 181.66 6.99 0.00 | 166.34 4.67 -47.85 | 157.47 3.96 -59.16 | 141.46 3.12 -69.09 | 136.31 2.33 -82.25 | 126.24 2.34 -70.61 |
| GILBOA___2 23757 | 124.48 2.21 -74.18 | 124.92 2.69 -70.38 | 121.14 2.14 -78.68 | 123.30 2.20 -81.16 | 120.72 2.34 -75.86 | 125.08 3.25 -63.84 | 109.31 3.33 -35.08 | 122.49 2.29 -68.12 | 131.70 2.62 -72.17 | 152.05 2.79 -87.37 | 156.23 2.62 -96.71 | 145.74 1.88 -103.85 | 131.52 1.72 -91.60 | 126.25 1.31 -97.05 | 125.85 1.31 -96.67 | 130.43 1.78 -88.16 | 138.21 3.88 -43.98 | 177.11 6.75 -1.77 | 181.66 6.99 0.00 | 166.34 4.67 -47.85 | 157.47 3.96 -59.16 | 141.46 3.12 -69.09 | 136.31 2.33 -82.25 | 126.24 2.34 -70.61 |
| GILBOA___3 23758 | 124.48 2.21 -74.18 | 124.92 2.69 -70.38 | 121.14 2.14 -78.68 | 123.30 2.20 -81.16 | 120.72 2.34 -75.86 | 125.08 3.25 -63.84 | 109.31 3.33 -35.08 | 122.49 2.29 -68.12 | 131.70 2.62 -72.17 | 152.05 2.79 -87.37 | 156.23 2.62 -96.71 | 145.74 1.88 -103.85 | 131.52 1.72 -91.60 | 126.25 1.31 -97.05 | 125.85 1.31 -96.67 | 130.43 1.78 -88.16 | 138.21 3.88 -43.98 | 177.11 6.75 -1.77 | 181.66 6.99 0.00 | 166.34 4.67 -47.85 | 157.47 3.96 -59.16 | 141.46 3.12 -69.09 | 136.31 2.33 -82.25 | 126.24 2.34 -70.61 |
| GILBOA___4 23759 | 124.48 2.21 -74.18 | 124.92 2.69 -70.38 | 121.14 2.14 -78.68 | 123.30 2.20 -81.16 | 120.72 2.34 -75.86 | 125.08 3.25 -63.84 | 109.31 3.33 -35.08 | 122.49 2.29 -68.12 | 131.70 2.62 -72.17 | 152.05 2.79 -87.37 | 156.23 2.62 -96.71 | 145.74 1.88 -103.85 | 131.52 1.72 -91.60 | 126.25 1.31 -97.05 | 125.85 1.31 -96.67 | 130.43 1.78 -88.16 | 138.21 3.88 -43.98 | 177.11 6.75 -1.77 | 181.66 6.99 0.00 | 166.34 4.67 -47.85 | 157.47 3.96 -59.16 | 141.46 3.12 -69.09 | 136.31 2.33 -82.25 | 126.24 2.34 -70.61 |
| GILBOA____ 23599 | 124.48 2.21 -74.18 | 124.92 2.69 -70.38 | 121.14 2.14 -78.68 | 123.30 2.20 -81.16 | 120.72 2.34 -75.86 | 125.08 3.25 -63.84 | 109.31 3.33 -35.08 | 122.49 2.29 -68.12 | 131.70 2.62 -72.17 | 152.05 2.79 -87.37 | 156.23 2.62 -96.71 | 145.74 1.88 -103.85 | 131.52 1.72 -91.60 | 126.25 1.31 -97.05 | 125.85 1.31 -96.67 | 130.43 1.78 -88.16 | 138.21 3.88 -43.98 | 177.11 6.75 -1.77 | 181.66 6.99 0.00 | 166.34 4.67 -47.85 | 157.47 3.96 -59.16 | 141.46 3.12 -69.09 | 136.31 2.33 -82.25 | 126.24 2.34 -70.61 |
| GINNA____ 23603 | 53.34 -3.61 -8.87 | 56.22 -4.04 -8.41 | 46.82 -2.90 -9.40 | 46.65 -3.00 -9.70 | 48.27 -3.32 -9.07 | 61.21 -4.41 -7.63 | 69.56 -5.53 -4.19 | 55.59 -4.64 -8.14 | 60.07 -5.46 -8.63 | 66.39 -5.94 -10.44 | 63.05 -5.41 -11.56 | 48.74 -3.68 -12.41 | 45.32 -3.82 -10.95 | 36.81 -2.68 -11.60 | 36.74 -2.67 -11.55 | 46.78 -4.25 -10.54 | 85.94 -9.67 -5.26 | 151.60 -17.20 -0.21 | 157.20 -17.47 0.00 | 107.70 -11.84 -5.72 | 91.89 -9.53 -7.07 | 70.52 -6.99 -8.26 | 56.28 -5.28 -9.83 | 56.77 -4.95 -8.44 |
| GLEN PARK____ 23778 | 51.72 0.67 -2.96 | 55.49 0.83 -2.81 | 43.95 0.49 -3.14 | 43.71 0.52 -3.24 | 46.15 0.59 -3.03 | 61.29 0.75 -2.55 | 73.37 1.07 -1.40 | 55.48 0.68 -2.72 | 60.36 0.57 -2.88 | 66.43 1.05 -3.49 | 61.97 1.20 -3.86 | 45.12 0.96 -4.15 | 42.77 0.92 -3.66 | 32.38 0.61 -3.88 | 32.34 0.61 -3.86 | 44.75 0.73 -3.52 | 93.82 1.71 -1.76 | 172.87 4.22 -0.07 | 179.04 4.37 0.00 | 117.33 1.59 -1.91 | 98.49 1.79 -2.36 | 73.26 1.25 -2.76 | 55.74 0.72 -3.29 | 56.85 0.75 -2.82 |

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| GLENWOOD_IC_1_G5 23712 | 128.38 4.57 -75.72 | 128.05 4.36 -71.84 | 124.23 3.59 -80.32 | 125.75 2.96 -82.84 | 123.40 3.44 -77.44 | 127.39 4.23 -65.17 | 114.02 7.09 -36.04 | 126.35 4.74 -69.53 | 135.64 5.06 -73.67 | 157.01 5.94 -89.18 | 173.61 5.69 -111.02 | 165.66 4.00 -121.65 | 155.37 3.78 -113.39 | 151.40 2.87 -120.64 | 151.06 2.81 -120.38 | 154.57 3.89 -110.19 | 163.49 9.03 -64.11 | 227.19 16.86 -41.75 | 206.65 17.99 -13.98 | 194.34 12.30 -68.22 | 180.77 9.72 -76.71 | 166.50 7.13 -90.11 | 165.74 5.17 -108.84 | 130.43 5.06 -72.08 |
| GLENWOOD_IC_2_G1 23688 | 128.08 4.28 -75.72 | 127.83 4.15 -71.83 | 123.97 3.34 -80.31 | 125.66 2.88 -82.83 | 123.22 3.27 -77.43 | 127.27 4.12 -65.16 | 113.41 6.59 -35.92 | 126.03 4.42 -69.52 | 135.35 4.78 -73.67 | 156.57 5.51 -89.17 | 167.18 5.23 -105.04 | 157.74 3.68 -114.06 | 145.44 3.51 -103.74 | 140.71 2.65 -110.16 | 140.33 2.62 -109.85 | 144.48 3.60 -100.38 | 153.44 8.31 -54.78 | 206.98 16.02 -22.37 | 198.80 16.94 -7.20 | 183.92 11.27 -58.82 | 172.10 8.97 -68.79 | 156.44 6.58 -80.60 | 153.31 4.81 -96.76 | 130.10 4.74 -72.07 |
| GLENWOOD_IC_3_G1 23689 | 128.08 4.28 -75.72 | 127.83 4.15 -71.83 | 123.97 3.34 -80.31 | 125.66 2.88 -82.83 | 123.22 3.27 -77.43 | 127.27 4.12 -65.16 | 113.41 6.59 -35.92 | 126.03 4.42 -69.52 | 135.35 4.78 -73.67 | 156.57 5.51 -89.17 | 167.18 5.23 -105.04 | 157.74 3.68 -114.06 | 145.44 3.51 -103.74 | 140.71 2.65 -110.16 | 140.33 2.62 -109.85 | 144.48 3.60 -100.38 | 153.44 8.31 -54.78 | 206.98 16.02 -22.37 | 198.80 16.94 -7.20 | 183.92 11.27 -58.82 | 172.10 8.97 -68.79 | 156.44 6.58 -80.60 | 153.31 4.81 -96.76 | 130.10 4.74 -72.07 |
| GLENWOOD___4 23550 | 128.38 4.57 -75.72 | 128.05 4.36 -71.84 | 124.23 3.59 -80.32 | 125.75 2.96 -82.84 | 123.40 3.44 -77.44 | 127.39 4.23 -65.17 | 114.02 7.09 -36.04 | 126.35 4.74 -69.53 | 135.64 5.06 -73.67 | 157.01 5.94 -89.18 | 173.61 5.69 -111.02 | 165.66 4.00 -121.65 | 155.37 3.78 -113.39 | 151.40 2.87 -120.64 | 151.06 2.81 -120.38 | 154.57 3.89 -110.19 | 163.49 9.03 -64.11 | 227.54 17.20 -41.75 | 206.82 18.16 -13.98 | 194.34 12.30 -68.22 | 180.77 9.72 -76.71 | 166.50 7.13 -90.11 | 165.74 5.17 -108.84 | 130.43 5.06 -72.08 |
| GLENWOOD___5 23614 | 128.38 4.57 -75.72 | 128.05 4.36 -71.84 | 124.23 3.59 -80.32 | 125.75 2.96 -82.84 | 123.40 3.44 -77.44 | 127.39 4.23 -65.17 | 114.02 7.09 -36.04 | 126.35 4.74 -69.53 | 135.64 5.06 -73.67 | 157.01 5.94 -89.18 | 173.61 5.69 -111.02 | 165.66 4.00 -121.65 | 155.37 3.78 -113.39 | 151.40 2.87 -120.64 | 151.06 2.81 -120.38 | 154.57 3.89 -110.19 | 163.49 9.03 -64.11 | 227.54 17.20 -41.75 | 206.82 18.16 -13.98 | 194.34 12.30 -68.22 | 180.77 9.72 -76.71 | 166.50 7.13 -90.11 | 165.74 5.17 -108.84 | 130.43 5.06 -72.08 |
| GLOBAL GREEN_PORT_GT1 23814 | 132.50 8.71 -75.71 | 132.03 8.35 -71.82 | 127.36 6.73 -80.30 | 128.33 5.55 -82.83 | 126.37 6.42 -77.42 | 130.46 7.31 -65.16 | 119.23 12.48 -35.84 | 129.99 8.39 -69.52 | 139.55 8.99 -73.66 | 161.71 10.65 -89.17 | 168.05 9.90 -101.25 | 156.24 7.00 -109.24 | 142.45 6.65 -97.61 | 136.40 4.99 -103.52 | 135.87 4.85 -103.16 | 141.46 6.80 -94.16 | 155.75 16.54 -48.86 | 205.29 26.63 -10.07 | 205.85 28.29 -2.89 | 185.69 19.01 -52.86 | 172.81 14.71 -63.76 | 157.47 13.65 -74.57 | 150.45 9.62 -89.10 | 134.73 9.38 -72.06 |
| GLOBE___DSASP 323697 | 56.49 -3.22 -11.63 | 59.20 -3.68 -11.03 | 50.07 -2.58 -12.33 | 50.11 -2.56 -12.72 | 51.47 -2.93 -11.89 | 64.17 -3.83 -10.00 | 71.43 -4.96 -5.50 | 57.08 -5.68 -10.67 | 61.21 -7.00 -11.31 | 67.48 -8.11 -13.69 | 64.72 -7.34 -15.15 | 52.04 -4.24 -16.27 | 47.93 -4.62 -14.35 | 40.06 -3.04 -15.21 | 40.06 -2.95 -15.15 | 49.13 -5.18 -13.81 | 83.87 -13.37 -6.89 | 143.74 -25.12 -0.28 | 149.16 -25.51 0.00 | 104.36 -16.96 -7.50 | 90.12 -13.49 -9.27 | 70.18 -9.91 -10.83 | 57.69 -6.93 -12.89 | 59.24 -5.12 -11.07 |
| GOETHSLN___LBMP 323567 | 127.93 4.14 -75.71 | 127.82 4.15 -71.81 | 123.88 3.26 -80.29 | 125.80 3.03 -82.82 | 123.21 3.27 -77.41 | 127.73 4.58 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.50 4.95 -73.65 | 156.49 5.45 -89.15 | 160.65 5.06 -98.68 | 149.51 3.52 -105.98 | 135.03 3.36 -93.48 | 129.46 2.54 -99.03 | 129.02 2.51 -98.65 | 133.89 3.44 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.27 4.60 -83.94 | 129.87 4.53 -72.06 |
| GOODYEAR_LAKE_HYD 323669 | 71.38 1.64 -21.66 | 74.21 1.81 -20.55 | 64.74 1.45 -22.97 | 65.13 1.48 -23.70 | 66.24 1.57 -22.15 | 78.78 2.15 -18.64 | 83.69 2.55 -10.24 | 73.69 1.72 -19.89 | 79.97 1.99 -21.07 | 89.69 2.29 -25.51 | 87.30 2.16 -28.23 | 72.01 1.68 -30.32 | 66.39 1.45 -26.75 | 57.34 1.12 -28.34 | 57.20 1.12 -28.23 | 67.61 1.38 -25.74 | 106.35 3.16 -12.84 | 175.16 6.06 -0.52 | 181.13 6.47 0.00 | 131.54 3.75 -13.97 | 114.92 3.30 -17.27 | 91.85 2.42 -20.17 | 77.35 1.61 -24.01 | 75.50 1.60 -20.62 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 72.56 0.19 -24.29 | 75.05 0.16 -23.04 | 66.33 0.24 -25.76 | 66.72 0.20 -26.57 | 67.57 0.21 -24.84 | 79.30 0.41 -20.90 | 82.95 0.56 -11.48 | 74.44 0.05 -22.30 | 80.36 -0.17 -23.63 | 90.19 -0.31 -28.60 | 88.34 -0.23 -31.66 | 73.97 -0.04 -34.00 | 67.96 -0.23 -29.99 | 59.61 -0.06 -31.77 | 59.46 -0.06 -31.65 | 68.95 -0.40 -28.86 | 103.48 -1.26 -14.40 | 166.46 -2.70 -0.58 | 172.39 -2.28 0.00 | 127.78 -1.70 -15.67 | 112.48 -1.23 -19.37 | 91.25 -0.62 -22.62 | 78.24 -0.42 -26.93 | 76.30 -0.11 -23.12 |
| GOUDEY___7 23579 | 72.56 0.19 -24.29 | 75.10 0.21 -23.04 | 66.33 0.24 -25.76 | 66.76 0.24 -26.57 | 67.57 0.21 -24.84 | 79.30 0.41 -20.90 | 82.95 0.56 -11.48 | 74.44 0.05 -22.30 | 80.36 -0.17 -23.63 | 90.25 -0.25 -28.60 | 88.34 -0.23 -31.66 | 73.97 -0.04 -34.00 | 67.96 -0.23 -29.99 | 59.61 -0.06 -31.77 | 59.46 -0.06 -31.65 | 68.95 -0.40 -28.86 | 103.57 -1.18 -14.40 | 166.46 -2.70 -0.58 | 172.39 -2.28 0.00 | 127.78 -1.70 -15.67 | 112.48 -1.23 -19.37 | 91.25 -0.62 -22.62 | 78.24 -0.42 -26.93 | 76.30 -0.11 -23.12 |
| GOUDEY___8 23580 | 72.56 0.19 -24.29 | 75.05 0.16 -23.04 | 66.33 0.24 -25.76 | 66.72 0.20 -26.57 | 67.57 0.21 -24.84 | 79.30 0.41 -20.90 | 82.95 0.56 -11.48 | 74.44 0.05 -22.30 | 80.36 -0.17 -23.63 | 90.19 -0.31 -28.60 | 88.34 -0.23 -31.66 | 73.97 -0.04 -34.00 | 67.96 -0.23 -29.99 | 59.61 -0.06 -31.77 | 59.46 -0.06 -31.65 | 68.95 -0.40 -28.86 | 103.48 -1.26 -14.40 | 166.46 -2.70 -0.58 | 172.39 -2.28 0.00 | 127.78 -1.70 -15.67 | 112.48 -1.23 -19.37 | 91.25 -0.62 -22.62 | 78.24 -0.42 -26.93 | 76.30 -0.11 -23.12 |
| GOWANUS_GT1_1 24077 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT1_2 24078 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT1_3 24079 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |

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|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| GOWANUS_GT1_4 24080 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT1_5 24084 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT1_6 24111 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT1_7 24112 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT1_8 24113 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT2_1 24114 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT2_2 24115 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT2_3 24116 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT2_4 24117 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT2_5 24118 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT2_6 24119 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT2_7 24120 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT2_8 24121 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT3_1 24122 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT3_2 24123 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |

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|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| GOWANUS_GT3_3 24124 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT3_4 24125 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT3_5 24126 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT3_6 24127 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT3_7 24128 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT3_8 24129 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT4_1 24130 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT4_2 24131 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT4_3 24132 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT4_4 24133 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT4_5 24134 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT4_6 24135 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT4_7 24136 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GOWANUS_GT4_8 24137 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GREENIDGE___3 23582 | 61.16 -1.73 -14.81 | 63.88 -2.02 -14.05 | 54.62 -1.41 -15.71 | 54.72 -1.44 -16.20 | 56.09 -1.57 -15.14 | 68.82 -1.91 -12.75 | 75.70 -2.20 -7.00 | 63.54 -2.14 -13.60 | 68.64 -2.67 -14.41 | 76.30 -3.03 -17.44 | 73.42 -2.79 -19.31 | 58.94 -1.80 -20.73 | 54.42 -2.06 -18.29 | 45.87 -1.39 -19.37 | 45.77 -1.39 -19.30 | 55.62 -2.47 -17.60 | 93.26 -5.87 -8.78 | 158.32 -10.62 -0.35 | 164.19 -10.48 0.00 | 116.09 -7.29 -9.55 | 100.30 -5.85 -11.81 | 79.03 -4.02 -13.79 | 65.15 -3.00 -16.42 | 64.83 -2.56 -14.10 |

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| GREENIDGE___4 23583 | 61.16 -1.73 -14.81 | 63.88 -2.02 -14.05 | 54.62 -1.41 -15.71 | 54.72 -1.44 -16.20 | 56.09 -1.57 -15.14 | 68.82 -1.91 -12.75 | 75.70 -2.20 -7.00 | 63.54 -2.14 -13.60 | 68.64 -2.67 -14.41 | 76.30 -3.03 -17.44 | 73.42 -2.79 -19.31 | 58.94 -1.80 -20.73 | 54.42 -2.06 -18.29 | 45.87 -1.39 -19.37 | 45.77 -1.39 -19.30 | 55.62 -2.47 -17.60 | 93.26 -5.87 -8.78 | 158.32 -10.62 -0.35 | 164.19 -10.48 0.00 | 116.09 -7.29 -9.55 | 100.30 -5.85 -11.81 | 79.03 -4.02 -13.79 | 65.15 -3.00 -16.42 | 64.83 -2.56 -14.10 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| GROVEVILLE___HYD 323602 | 130.19 4.38 -77.73 | 130.10 4.51 -73.74 | 126.27 3.51 -82.45 | 128.35 3.36 -85.04 | 125.58 3.57 -79.49 | 129.82 4.93 -66.90 | 113.96 6.31 -36.75 | 127.94 4.48 -71.38 | 137.60 5.06 -75.63 | 159.01 5.57 -91.55 | 163.41 5.18 -101.33 | 152.39 3.56 -108.82 | 137.62 3.44 -95.99 | 132.18 2.59 -101.69 | 131.70 2.54 -101.30 | 136.39 3.52 -92.37 | 144.39 7.95 -46.08 | 186.28 15.84 -1.86 | 191.27 16.60 0.00 | 174.78 10.82 -50.14 | 165.11 8.78 -61.99 | 148.09 6.44 -72.39 | 142.57 4.66 -86.18 | 131.86 4.58 -73.99 |
| HAMPSHIRE___PAPER_HYD 323593 | 47.56 -0.53 0.00 | 51.75 -0.10 0.00 | 39.76 -0.56 0.00 | 39.39 -0.56 0.00 | 42.05 -0.47 0.00 | 57.30 -0.69 0.00 | 70.69 -0.21 0.00 | 51.98 -0.10 0.00 | 56.57 -0.34 0.00 | 61.83 -0.06 0.00 | 56.96 0.06 0.00 | 39.69 -0.32 0.00 | 38.43 0.23 0.00 | 27.73 -0.17 0.00 | 27.70 -0.17 0.00 | 40.41 -0.08 0.00 | 90.26 -0.09 0.00 | 168.58 0.00 0.00 | 174.49 -0.17 0.00 | 113.14 -0.68 0.00 | 94.15 -0.19 0.00 | 69.12 -0.14 0.00 | 51.78 0.05 0.00 | 53.39 0.11 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 49.29 3.12 1.92 | 53.40 3.37 1.82 | 40.95 2.66 2.04 | 40.49 2.64 2.10 | 43.36 2.81 1.96 | 60.17 3.83 1.65 | 74.60 4.61 0.91 | 53.66 5.74 1.76 | 58.68 3.65 1.87 | 63.59 3.96 2.26 | 58.10 3.70 2.50 | 40.04 2.72 2.69 | 38.31 2.48 2.37 | 27.22 1.84 2.51 | 27.20 1.84 2.50 | 40.73 2.51 2.28 | 94.54 5.33 1.14 | 178.48 9.94 0.05 | 184.97 10.30 0.00 | 119.18 6.60 1.24 | 98.47 5.66 1.53 | 71.76 4.30 1.79 | 52.81 3.21 2.13 | 54.82 3.36 1.83 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 123.09 3.89 -71.11 | 123.25 3.94 -67.46 | 118.85 3.11 -75.42 | 120.66 2.91 -77.80 | 118.39 3.15 -72.72 | 123.48 4.29 -61.20 | 110.27 5.74 -33.62 | 121.44 4.07 -65.30 | 130.70 4.61 -69.19 | 150.65 5.01 -83.75 | 154.27 4.67 -92.70 | 142.76 3.20 -99.55 | 129.14 3.13 -87.81 | 123.29 2.37 -93.03 | 122.84 2.31 -92.67 | 128.20 3.20 -84.51 | 139.74 7.23 -42.16 | 184.78 14.50 -1.70 | 189.86 15.19 0.00 | 169.59 9.90 -45.87 | 159.07 8.01 -56.71 | 141.37 5.88 -66.23 | 134.82 4.24 -78.84 | 125.13 4.16 -67.69 |
| HARZA MOOSE___RIVER 24016 | 48.90 0.82 0.00 | 52.79 0.93 0.00 | 40.97 0.64 0.00 | 40.63 0.68 0.00 | 43.24 0.72 0.00 | 58.98 0.98 0.00 | 72.18 1.28 0.00 | 52.97 0.88 0.00 | 57.81 0.91 0.00 | 63.13 1.24 0.00 | 58.16 1.25 0.00 | 40.93 0.92 0.00 | 39.07 0.88 0.00 | 28.50 0.61 0.00 | 28.48 0.61 0.00 | 41.26 0.77 0.00 | 92.16 1.81 0.00 | 172.46 3.88 0.00 | 178.51 3.84 0.00 | 115.64 1.82 0.00 | 96.13 1.79 0.00 | 70.57 1.31 0.00 | 52.61 0.88 0.00 | 54.19 0.90 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 128.17 4.38 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.30 | 126.13 3.36 -82.82 | 123.51 3.57 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.35 10.70 -48.83 | 163.11 8.39 -60.37 | 146.00 6.24 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| HEMPSTEAD____ 23647 | 128.43 4.62 -75.73 | 127.89 4.20 -71.84 | 124.23 3.59 -80.32 | 125.51 2.72 -82.84 | 123.32 3.36 -77.44 | 126.99 3.83 -65.17 | 114.20 7.24 -36.07 | 126.36 4.74 -69.53 | 135.53 4.95 -73.68 | 157.02 5.94 -89.18 | 175.27 5.74 -112.62 | 167.74 4.04 -123.70 | 158.00 3.82 -115.98 | 154.22 2.87 -123.45 | 153.92 2.84 -123.21 | 157.25 3.93 -112.83 | 166.08 9.12 -66.61 | 233.24 17.70 -46.95 | 209.17 18.70 -15.81 | 196.98 12.41 -70.75 | 182.99 9.81 -78.84 | 169.19 7.27 -92.67 | 169.09 5.28 -112.08 | 130.48 5.12 -72.08 |
| HICKLING___1 23621 | 66.85 -0.14 -18.91 | 69.54 -0.26 -17.94 | 60.34 -0.04 -20.06 | 60.56 -0.08 -20.69 | 61.73 -0.13 -19.34 | 74.33 0.06 -16.28 | 80.27 0.43 -8.94 | 69.09 -0.36 -17.37 | 74.45 -0.85 -18.40 | 82.99 -1.18 -22.27 | 80.54 -1.02 -24.66 | 65.96 -0.52 -26.48 | 60.71 -0.84 -23.35 | 52.19 -0.45 -24.74 | 52.06 -0.45 -24.65 | 61.76 -1.21 -22.48 | 98.31 -3.25 -11.21 | 162.63 -6.41 -0.45 | 168.73 -5.94 0.00 | 121.81 -4.21 -12.20 | 106.22 -3.21 -15.08 | 84.86 -2.01 -17.61 | 71.36 -1.35 -20.97 | 70.59 -0.69 -18.00 |
| HICKLING___2 23622 | 66.85 -0.14 -18.91 | 69.54 -0.26 -17.94 | 60.34 -0.04 -20.06 | 60.56 -0.08 -20.69 | 61.73 -0.13 -19.34 | 74.33 0.06 -16.28 | 80.27 0.43 -8.94 | 69.09 -0.36 -17.37 | 74.45 -0.85 -18.40 | 82.99 -1.18 -22.27 | 80.54 -1.02 -24.66 | 65.96 -0.52 -26.48 | 60.71 -0.84 -23.35 | 52.19 -0.45 -24.74 | 52.06 -0.45 -24.65 | 61.76 -1.21 -22.48 | 98.31 -3.25 -11.21 | 162.63 -6.41 -0.45 | 168.73 -5.94 0.00 | 121.81 -4.21 -12.20 | 106.22 -3.21 -15.08 | 84.86 -2.01 -17.61 | 71.36 -1.35 -20.97 | 70.59 -0.69 -18.00 |
| HIGH FALLS___HY 23754 | 127.15 3.80 -75.27 | 127.15 3.89 -71.40 | 123.22 3.06 -79.83 | 125.17 2.88 -82.34 | 122.59 3.10 -76.97 | 127.00 4.23 -64.78 | 112.02 5.53 -35.59 | 125.10 3.91 -69.11 | 134.58 4.44 -73.23 | 155.42 4.89 -88.65 | 159.58 4.55 -98.12 | 148.46 3.08 -105.37 | 134.15 3.02 -92.94 | 128.65 2.29 -98.47 | 128.18 2.23 -98.09 | 133.02 3.08 -89.45 | 141.84 6.86 -44.62 | 184.70 14.32 -1.80 | 189.69 15.02 0.00 | 172.04 9.67 -48.55 | 162.19 7.83 -60.03 | 145.03 5.68 -70.10 | 139.27 4.09 -83.45 | 128.87 3.94 -71.64 |
| HILLBURN___GT 23639 | 123.56 3.56 -71.92 | 123.70 3.63 -68.22 | 119.42 2.82 -76.28 | 121.26 2.64 -78.68 | 118.91 2.85 -73.54 | 123.83 3.95 -61.89 | 110.29 5.39 -34.00 | 121.92 3.80 -66.03 | 131.14 4.27 -69.97 | 151.23 4.64 -84.70 | 154.98 4.32 -93.75 | 143.69 3.00 -100.68 | 129.86 2.87 -88.80 | 124.15 2.18 -94.08 | 123.73 2.15 -93.72 | 128.91 2.95 -85.46 | 139.76 6.78 -42.64 | 183.46 13.16 -1.72 | 188.81 14.14 0.00 | 169.55 9.34 -46.39 | 159.06 7.36 -57.35 | 141.70 5.47 -66.98 | 135.40 3.93 -79.74 | 125.63 3.89 -68.45 |
| HISHELDN_WT_PWR 323625 | 59.70 -1.83 -13.45 | 62.48 -2.13 -12.76 | 53.14 -1.45 -14.26 | 53.19 -1.48 -14.71 | 54.57 -1.70 -13.75 | 67.53 -2.03 -11.57 | 74.71 -2.55 -6.36 | 61.20 -3.23 -12.35 | 65.78 -4.21 -13.08 | 72.77 -4.95 -15.84 | 70.00 -4.44 -17.53 | 56.44 -2.40 -18.83 | 51.98 -2.83 -16.61 | 43.70 -1.79 -17.59 | 43.63 -1.75 -17.53 | 53.08 -3.40 -15.98 | 89.47 -8.85 -7.97 | 152.21 -16.69 -0.32 | 157.90 -16.77 0.00 | 111.35 -11.15 -8.67 | 96.30 -8.77 -10.73 | 75.34 -6.44 -12.52 | 62.14 -4.50 -14.91 | 62.89 -3.20 -12.80 |
| HOLTSVILLE_IC_1 23690 | 128.65 4.85 -75.71 | 127.98 4.30 -71.82 | 124.26 3.63 -80.30 | 125.38 2.60 -82.83 | 123.26 3.32 -77.42 | 126.57 3.42 -65.16 | 114.25 7.51 -35.84 | 126.39 4.79 -69.52 | 135.57 5.01 -73.66 | 157.25 6.19 -89.17 | 164.02 5.92 -101.20 | 153.30 4.12 -109.17 | 139.66 3.93 -97.53 | 134.28 2.96 -103.43 | 133.86 2.92 -103.07 | 138.66 4.09 -94.08 | 149.07 9.94 -48.78 | 198.04 19.55 -9.91 | 198.10 20.60 -2.83 | 180.37 13.77 -52.78 | 168.60 10.56 -63.69 | 151.84 8.10 -74.49 | 146.47 5.74 -89.00 | 130.73 5.38 -72.06 |

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| HOLTSVILLE_IC_10 23699 | 129.09 5.29 -75.71 | 128.39 4.72 -71.83 | 124.58 3.95 -80.30 | 125.69 2.91 -82.83 | 123.56 3.61 -77.42 | 126.98 3.83 -65.16 | 114.76 8.01 -35.85 | 126.76 5.16 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.71 6.37 -101.43 | 153.96 4.48 -109.47 | 140.34 4.24 -97.91 | 134.94 3.21 -103.84 | 134.52 3.18 -103.48 | 139.37 4.41 -94.46 | 150.24 10.75 -49.15 | 200.49 21.24 -10.67 | 200.31 22.54 -3.10 | 181.99 15.02 -53.15 | 169.85 11.51 -64.00 | 152.84 8.73 -74.86 | 147.35 6.15 -89.47 | 131.21 5.86 -72.06 |
| HOLTSVILLE_IC_2 23691 | 128.65 4.85 -75.71 | 127.98 4.30 -71.82 | 124.26 3.63 -80.30 | 125.38 2.60 -82.83 | 123.26 3.32 -77.42 | 126.57 3.42 -65.16 | 114.25 7.51 -35.84 | 126.39 4.79 -69.52 | 135.57 5.01 -73.66 | 157.25 6.19 -89.17 | 164.02 5.92 -101.20 | 153.30 4.12 -109.17 | 139.66 3.93 -97.53 | 134.28 2.96 -103.43 | 133.86 2.92 -103.07 | 138.66 4.09 -94.08 | 149.07 9.94 -48.78 | 198.04 19.55 -9.91 | 198.10 20.60 -2.83 | 180.37 13.77 -52.78 | 168.60 10.56 -63.69 | 151.84 8.10 -74.49 | 146.47 5.74 -89.00 | 130.73 5.38 -72.06 |
| HOLTSVILLE_IC_3 23692 | 128.65 4.85 -75.71 | 127.98 4.30 -71.82 | 124.26 3.63 -80.30 | 125.38 2.60 -82.83 | 123.26 3.32 -77.42 | 126.57 3.42 -65.16 | 114.25 7.51 -35.84 | 126.39 4.79 -69.52 | 135.57 5.01 -73.66 | 157.25 6.19 -89.17 | 164.02 5.92 -101.20 | 153.30 4.12 -109.17 | 139.66 3.93 -97.53 | 134.28 2.96 -103.43 | 133.86 2.92 -103.07 | 138.66 4.09 -94.08 | 149.07 9.94 -48.78 | 198.04 19.55 -9.91 | 198.10 20.60 -2.83 | 180.37 13.77 -52.78 | 168.60 10.56 -63.69 | 151.84 8.10 -74.49 | 146.47 5.74 -89.00 | 130.73 5.38 -72.06 |
| HOLTSVILLE_IC_4 23693 | 128.65 4.85 -75.71 | 127.98 4.30 -71.82 | 124.26 3.63 -80.30 | 125.38 2.60 -82.83 | 123.26 3.32 -77.42 | 126.57 3.42 -65.16 | 114.25 7.51 -35.84 | 126.39 4.79 -69.52 | 135.57 5.01 -73.66 | 157.25 6.19 -89.17 | 164.02 5.92 -101.20 | 153.30 4.12 -109.17 | 139.66 3.93 -97.53 | 134.28 2.96 -103.43 | 133.86 2.92 -103.07 | 138.66 4.09 -94.08 | 149.07 9.94 -48.78 | 198.04 19.55 -9.91 | 198.10 20.60 -2.83 | 180.37 13.77 -52.78 | 168.60 10.56 -63.69 | 151.84 8.10 -74.49 | 146.47 5.74 -89.00 | 130.73 5.38 -72.06 |
| HOLTSVILLE_IC_5 23694 | 128.65 4.85 -75.71 | 127.98 4.30 -71.82 | 124.26 3.63 -80.30 | 125.38 2.60 -82.83 | 123.26 3.32 -77.42 | 126.57 3.42 -65.16 | 114.25 7.51 -35.84 | 126.39 4.79 -69.52 | 135.57 5.01 -73.66 | 157.25 6.19 -89.17 | 164.02 5.92 -101.20 | 153.30 4.12 -109.17 | 139.66 3.93 -97.53 | 134.28 2.96 -103.43 | 133.86 2.92 -103.07 | 138.66 4.09 -94.08 | 149.07 9.94 -48.78 | 198.04 19.55 -9.91 | 198.10 20.60 -2.83 | 180.37 13.77 -52.78 | 168.60 10.56 -63.69 | 151.84 8.10 -74.49 | 146.47 5.74 -89.00 | 130.73 5.38 -72.06 |
| HOLTSVILLE_IC_6 23695 | 129.09 5.29 -75.71 | 128.39 4.72 -71.83 | 124.58 3.95 -80.30 | 125.69 2.91 -82.83 | 123.56 3.61 -77.42 | 126.98 3.83 -65.16 | 114.76 8.01 -35.85 | 126.76 5.16 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.71 6.37 -101.43 | 153.96 4.48 -109.47 | 140.34 4.24 -97.91 | 134.94 3.21 -103.84 | 134.52 3.18 -103.48 | 139.37 4.41 -94.46 | 150.24 10.75 -49.15 | 200.49 21.24 -10.67 | 200.31 22.54 -3.10 | 181.99 15.02 -53.15 | 169.85 11.51 -64.00 | 152.84 8.73 -74.86 | 147.35 6.15 -89.47 | 131.21 5.86 -72.06 |
| HOLTSVILLE_IC_7 23696 | 129.09 5.29 -75.71 | 128.39 4.72 -71.83 | 124.58 3.95 -80.30 | 125.69 2.91 -82.83 | 123.56 3.61 -77.42 | 126.98 3.83 -65.16 | 114.76 8.01 -35.85 | 126.76 5.16 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.71 6.37 -101.43 | 153.96 4.48 -109.47 | 140.34 4.24 -97.91 | 134.94 3.21 -103.84 | 134.52 3.18 -103.48 | 139.37 4.41 -94.46 | 150.24 10.75 -49.15 | 200.49 21.24 -10.67 | 200.31 22.54 -3.10 | 181.99 15.02 -53.15 | 169.85 11.51 -64.00 | 152.84 8.73 -74.86 | 147.35 6.15 -89.47 | 131.21 5.86 -72.06 |
| HOLTSVILLE_IC_8 23697 | 129.09 5.29 -75.71 | 128.39 4.72 -71.83 | 124.58 3.95 -80.30 | 125.69 2.91 -82.83 | 123.56 3.61 -77.42 | 126.98 3.83 -65.16 | 114.76 8.01 -35.85 | 126.76 5.16 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.71 6.37 -101.43 | 153.96 4.48 -109.47 | 140.34 4.24 -97.91 | 134.94 3.21 -103.84 | 134.52 3.18 -103.48 | 139.37 4.41 -94.46 | 150.24 10.75 -49.15 | 200.49 21.24 -10.67 | 200.31 22.54 -3.10 | 181.99 15.02 -53.15 | 169.85 11.51 -64.00 | 152.84 8.73 -74.86 | 147.35 6.15 -89.47 | 131.21 5.86 -72.06 |
| HOLTSVILLE_IC_9 23698 | 129.09 5.29 -75.71 | 128.39 4.72 -71.83 | 124.58 3.95 -80.30 | 125.69 2.91 -82.83 | 123.56 3.61 -77.42 | 126.98 3.83 -65.16 | 114.76 8.01 -35.85 | 126.76 5.16 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.71 6.37 -101.43 | 153.96 4.48 -109.47 | 140.34 4.24 -97.91 | 134.94 3.21 -103.84 | 134.52 3.18 -103.48 | 139.37 4.41 -94.46 | 150.24 10.75 -49.15 | 200.49 21.24 -10.67 | 200.31 22.54 -3.10 | 181.99 15.02 -53.15 | 169.85 11.51 -64.00 | 152.84 8.73 -74.86 | 147.35 6.15 -89.47 | 131.21 5.86 -72.06 |
| HOWARD_WT_PWR 323690 | 63.91 -0.24 -16.07 | 66.62 -0.47 -15.24 | 57.20 -0.16 -17.04 | 57.33 -0.20 -17.57 | 58.65 -0.30 -16.43 | 71.76 -0.06 -13.83 | 78.78 0.28 -7.60 | 66.10 -0.73 -14.75 | 71.17 -1.37 -15.63 | 79.08 -1.73 -18.92 | 76.25 -1.59 -20.94 | 61.66 -0.84 -22.49 | 56.62 -1.41 -19.84 | 48.04 -0.86 -21.02 | 47.85 -0.95 -20.94 | 57.56 -2.02 -19.09 | 94.54 -5.33 -9.52 | 159.37 -9.60 -0.38 | 165.58 -9.09 0.00 | 117.70 -6.48 -10.36 | 102.15 -5.00 -12.81 | 80.89 -3.32 -14.96 | 67.32 -2.22 -17.81 | 67.25 -1.33 -15.29 |
| HQ_GEN_CEDARS 23644 | 46.74 -1.35 0.00 | 51.28 -0.57 0.00 | 38.95 -1.37 0.00 | 38.59 -1.36 0.00 | 41.33 -1.19 0.00 | 56.31 -1.68 0.00 | 70.19 -0.71 0.00 | 51.82 -0.26 0.00 | 56.45 -0.46 0.00 | 61.58 -0.31 0.00 | 56.62 -0.28 0.00 | 38.89 -1.12 0.00 | 38.08 -0.11 0.00 | 27.14 -0.75 0.00 | 27.11 -0.75 0.00 | 40.37 -0.12 0.00 | 90.35 0.00 0.00 | 168.58 0.00 0.00 | 174.32 -0.35 0.00 | 113.60 -0.23 0.00 | 94.15 -0.19 0.00 | 68.98 -0.28 0.00 | 51.63 -0.10 0.00 | 53.18 -0.11 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 46.74 -1.35 0.00 | 51.28 -0.57 0.00 | 38.95 -1.37 0.00 | 38.59 -1.36 0.00 | 41.33 -1.19 0.00 | 55.09 -1.68 1.22 | 70.49 -0.71 -0.29 | 52.75 -0.26 -0.92 | 56.45 -0.46 0.00 | 61.58 -0.31 0.00 | 56.62 -0.28 0.00 | 38.89 -1.12 0.00 | 38.08 -0.11 0.00 | 27.14 -0.75 0.00 | 27.11 -0.75 0.00 | 40.37 -0.12 0.00 | 91.55 0.00 -1.20 | 167.38 0.00 1.20 | 174.32 -0.35 0.00 | 113.60 -0.23 0.00 | 94.15 -0.19 0.00 | 68.98 -0.28 0.00 | 51.63 -0.10 0.00 | 53.18 -0.11 0.00 |
| HQ_GEN_IMPORT 323601 | 47.27 -0.82 0.00 | 47.52 -0.78 3.56 | 39.60 -0.72 0.00 | 39.23 -0.72 0.00 | 41.80 -0.72 0.00 | 50.00 -0.99 7.00 | 65.00 -1.06 4.84 | 52.43 -0.57 -0.92 | 56.28 -0.62 0.00 | 61.27 -0.62 0.00 | 56.28 -0.62 0.00 | 39.45 -0.56 0.00 | 37.78 -0.42 0.00 | 27.50 -0.39 0.00 | 27.47 -0.39 0.00 | 40.17 -0.33 0.00 | 91.10 -0.45 -1.20 | 166.55 -0.84 1.20 | 173.63 -1.04 0.00 | 113.26 -0.57 0.00 | 93.78 -0.56 0.00 | 68.70 -0.56 0.00 | 51.32 -0.42 0.00 | 52.81 -0.48 0.00 |
| HQ_GEN_WHEEL 23651 | 47.27 -0.82 0.00 | 47.52 -0.78 3.56 | 39.60 -0.72 0.00 | 39.23 -0.72 0.00 | 41.80 -0.72 0.00 | 50.00 -0.99 7.00 | 65.00 -1.06 4.84 | 52.43 -0.57 -0.92 | 56.28 -0.62 0.00 | 61.27 -0.62 0.00 | 56.28 -0.62 0.00 | 39.45 -0.56 0.00 | 37.78 -0.42 0.00 | 27.50 -0.39 0.00 | 27.47 -0.39 0.00 | 40.17 -0.33 0.00 | 91.10 -0.45 -1.20 | 166.55 -0.84 1.20 | 173.63 -1.04 0.00 | 113.26 -0.57 0.00 | 93.78 -0.56 0.00 | 68.70 -0.56 0.00 | 51.32 -0.42 0.00 | 52.81 -0.48 0.00 |
| HUDSON_AVE_GT_3 23810 | 128.17 4.38 -75.71 | 128.07 4.40 -71.81 | 124.04 3.43 -80.29 | 126.00 3.23 -82.82 | 123.37 3.44 -77.41 | 127.96 4.81 -65.16 | 113.23 6.52 -35.81 | 126.12 4.53 -69.51 | 135.62 5.06 -73.65 | 156.67 5.63 -89.15 | 160.82 5.23 -98.68 | 149.66 3.68 -105.98 | 135.15 3.48 -93.48 | 129.57 2.65 -99.03 | 129.10 2.59 -98.65 | 134.02 3.56 -89.96 | 143.45 8.22 -44.88 | 186.23 15.84 -1.81 | 191.61 16.94 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.42 4.76 -83.94 | 130.09 4.74 -72.06 |

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|------------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| HUDSON AVE_GT_4 23540 | 128.17 4.38 -75.71 | 128.07 4.40 -71.81 | 124.04 3.43 -80.29 | 126.00 3.23 -82.82 | 123.37 3.44 -77.41 | 127.96 4.81 -65.16 | 113.23 6.52 -35.81 | 126.12 4.53 -69.51 | 135.62 5.06 -73.65 | 156.67 5.63 -89.15 | 160.82 5.23 -98.68 | 149.66 3.68 -105.98 | 135.15 3.48 -93.48 | 129.57 2.65 -99.03 | 129.10 2.59 -98.65 | 134.02 3.56 -89.96 | 143.45 8.22 -44.88 | 186.23 15.84 -1.81 | 191.61 16.94 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.42 4.76 -83.94 | 130.09 4.74 -72.06 |
| HUDSON AVE_GT_5 23657 | 128.17 4.38 -75.71 | 128.07 4.40 -71.81 | 124.04 3.43 -80.29 | 126.00 3.23 -82.82 | 123.37 3.44 -77.41 | 127.96 4.81 -65.16 | 113.23 6.52 -35.81 | 126.12 4.53 -69.51 | 135.62 5.06 -73.65 | 156.67 5.63 -89.15 | 160.82 5.23 -98.68 | 149.66 3.68 -105.98 | 135.15 3.48 -93.48 | 129.57 2.65 -99.03 | 129.10 2.59 -98.65 | 134.02 3.56 -89.96 | 143.45 8.22 -44.88 | 186.23 15.84 -1.81 | 191.61 16.94 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.42 4.76 -83.94 | 130.09 4.74 -72.06 |
| HUDSON_AVE_10 24168 | 127.93 4.14 -75.71 | 127.82 4.15 -71.81 | 123.84 3.23 -80.29 | 125.80 3.03 -82.82 | 123.16 3.23 -77.41 | 127.67 4.53 -65.16 | 112.95 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.15 | 160.53 4.95 -98.68 | 149.42 3.44 -105.98 | 134.96 3.29 -93.48 | 129.44 2.51 -99.03 | 128.99 2.48 -98.65 | 133.81 3.36 -89.96 | 143.00 7.77 -44.88 | 185.57 15.18 -1.81 | 190.73 16.06 0.00 | 173.24 10.59 -48.83 | 163.21 8.49 -60.37 | 145.99 6.24 -70.50 | 140.27 4.60 -83.94 | 129.93 4.58 -72.06 |
| HUNTER MOUNT___DRP 323613 | 135.42 4.76 -82.57 | 135.21 5.03 -78.33 | 131.86 3.95 -87.58 | 134.08 3.80 -90.33 | 131.04 4.08 -84.44 | 134.62 5.57 -71.06 | 116.75 6.81 -39.04 | 132.75 4.84 -75.82 | 142.82 5.58 -80.34 | 165.21 6.07 -97.25 | 170.18 5.63 -107.64 | 159.41 3.80 -115.60 | 143.86 3.70 -101.96 | 138.65 2.73 -108.02 | 138.17 2.70 -107.61 | 142.47 3.85 -98.13 | 147.61 8.31 -48.95 | 187.76 17.20 -1.97 | 192.13 17.46 0.00 | 178.25 11.16 -53.26 | 169.54 9.34 -65.85 | 152.95 6.79 -76.90 | 148.30 5.02 -91.55 | 136.78 4.90 -78.60 |
| HUNTINGTON_RES_REC 323705 | 128.07 4.28 -75.71 | 127.41 3.74 -71.82 | 123.85 3.23 -80.30 | 124.97 2.20 -82.83 | 122.79 2.85 -77.42 | 126.05 2.90 -65.16 | 113.41 6.66 -35.85 | 125.87 4.27 -69.52 | 135.01 4.44 -73.66 | 156.63 5.57 -89.17 | 163.69 5.35 -101.44 | 153.25 3.76 -109.48 | 139.71 3.59 -97.93 | 134.46 2.70 -103.86 | 134.04 2.68 -103.51 | 138.66 3.68 -94.48 | 148.38 8.86 -49.17 | 196.83 17.53 -10.71 | 196.48 18.70 -3.11 | 179.29 12.30 -53.17 | 167.89 9.52 -64.02 | 151.27 7.13 -74.88 | 146.35 5.12 -89.49 | 130.15 4.80 -72.06 |
| HUNTLEY___63 23557 | 57.81 -2.11 -11.84 | 60.60 -2.49 -11.23 | 51.23 -1.65 -12.56 | 51.23 -1.68 -12.95 | 52.67 -1.96 -12.11 | 65.75 -2.43 -10.19 | 73.38 -3.12 -5.60 | 58.74 -4.22 -10.87 | 62.96 -5.46 -11.52 | 69.52 -6.31 -13.94 | 66.70 -5.63 -15.43 | 53.62 -2.96 -16.58 | 49.38 -3.44 -14.62 | 41.21 -2.18 -15.49 | 41.20 -2.09 -15.43 | 50.56 -4.01 -14.07 | 86.80 -10.57 -7.02 | 149.14 -19.72 -0.28 | 154.59 -20.08 0.00 | 108.14 -13.32 -7.64 | 93.59 -10.19 -9.44 | 72.59 -7.69 -11.03 | 59.53 -5.33 -13.13 | 60.82 -3.73 -11.27 |
| HUNTLEY___64 23558 | 57.81 -2.11 -11.84 | 60.60 -2.49 -11.23 | 51.23 -1.65 -12.56 | 51.23 -1.68 -12.95 | 52.67 -1.96 -12.11 | 65.75 -2.43 -10.19 | 73.38 -3.12 -5.60 | 58.74 -4.22 -10.87 | 62.96 -5.46 -11.52 | 69.52 -6.31 -13.94 | 66.70 -5.63 -15.43 | 53.62 -2.96 -16.58 | 49.38 -3.44 -14.62 | 41.21 -2.18 -15.49 | 41.20 -2.09 -15.43 | 50.56 -4.01 -14.07 | 86.80 -10.57 -7.02 | 149.14 -19.72 -0.28 | 154.59 -20.08 0.00 | 108.14 -13.32 -7.64 | 93.59 -10.19 -9.44 | 72.59 -7.69 -11.03 | 59.53 -5.33 -13.13 | 60.82 -3.73 -11.27 |
| HUNTLEY___65 23559 | 57.81 -2.11 -11.84 | 60.60 -2.49 -11.23 | 51.23 -1.65 -12.56 | 51.23 -1.68 -12.95 | 52.67 -1.96 -12.11 | 65.75 -2.43 -10.19 | 73.38 -3.12 -5.60 | 58.74 -4.22 -10.87 | 62.96 -5.46 -11.52 | 69.52 -6.31 -13.94 | 66.70 -5.63 -15.43 | 53.62 -2.96 -16.58 | 49.38 -3.44 -14.62 | 41.21 -2.18 -15.49 | 41.20 -2.09 -15.43 | 50.56 -4.01 -14.07 | 86.80 -10.57 -7.02 | 149.14 -19.72 -0.28 | 154.59 -20.08 0.00 | 108.14 -13.32 -7.64 | 93.59 -10.19 -9.44 | 72.59 -7.69 -11.03 | 59.53 -5.33 -13.13 | 60.82 -3.73 -11.27 |
| HUNTLEY___66 23560 | 57.81 -2.11 -11.84 | 60.60 -2.49 -11.23 | 51.23 -1.65 -12.56 | 51.23 -1.68 -12.95 | 52.67 -1.96 -12.11 | 65.75 -2.43 -10.19 | 73.38 -3.12 -5.60 | 58.74 -4.22 -10.87 | 62.96 -5.46 -11.52 | 69.52 -6.31 -13.94 | 66.70 -5.63 -15.43 | 53.62 -2.96 -16.58 | 49.38 -3.44 -14.62 | 41.21 -2.18 -15.49 | 41.20 -2.09 -15.43 | 50.56 -4.01 -14.07 | 86.80 -10.57 -7.02 | 149.14 -19.72 -0.28 | 154.59 -20.08 0.00 | 108.14 -13.32 -7.64 | 93.59 -10.19 -9.44 | 72.59 -7.69 -11.03 | 59.53 -5.33 -13.13 | 60.82 -3.73 -11.27 |
| HUNTLEY___67 23561 | 57.54 -2.60 -12.05 | 60.28 -3.01 -11.43 | 51.01 -2.10 -12.78 | 51.02 -2.12 -13.18 | 52.42 -2.42 -12.32 | 65.34 -3.02 -10.37 | 72.70 -3.90 -5.70 | 58.67 -4.48 -11.07 | 62.94 -5.69 -11.73 | 69.52 -6.56 -14.19 | 66.64 -5.97 -15.71 | 53.56 -3.32 -16.87 | 49.33 -3.74 -14.88 | 41.23 -2.43 -15.77 | 41.23 -2.34 -15.70 | 50.52 -4.29 -14.32 | 86.38 -11.12 -7.14 | 147.96 -20.91 -0.29 | 153.53 -21.14 0.00 | 107.48 -14.12 -7.77 | 92.82 -11.13 -9.61 | 72.24 -8.24 -11.22 | 59.30 -5.79 -13.36 | 60.49 -4.26 -11.47 |
| HUNTLEY___68 23562 | 57.54 -2.60 -12.05 | 60.28 -3.01 -11.43 | 51.01 -2.10 -12.78 | 51.02 -2.12 -13.18 | 52.42 -2.42 -12.32 | 65.34 -3.02 -10.37 | 72.70 -3.90 -5.70 | 58.67 -4.48 -11.07 | 62.94 -5.69 -11.73 | 69.52 -6.56 -14.19 | 66.64 -5.97 -15.71 | 53.56 -3.32 -16.87 | 49.33 -3.74 -14.88 | 41.23 -2.43 -15.77 | 41.23 -2.34 -15.70 | 50.52 -4.29 -14.32 | 86.38 -11.12 -7.14 | 147.96 -20.91 -0.29 | 153.53 -21.14 0.00 | 107.48 -14.12 -7.77 | 92.82 -11.13 -9.61 | 72.24 -8.24 -11.22 | 59.30 -5.79 -13.36 | 60.49 -4.26 -11.47 |
| HYLAND___LFGE 323620 | 60.78 -0.39 -13.08 | 63.59 -0.68 -12.41 | 53.96 -0.24 -13.87 | 53.90 -0.36 -14.31 | 55.43 -0.47 -13.38 | 68.90 -0.35 -11.26 | 76.87 -0.21 -6.19 | 63.10 -0.99 -12.01 | 67.98 -1.65 -12.73 | 75.38 -1.92 -15.41 | 72.25 -1.71 -17.05 | 57.36 -0.96 -18.31 | 52.93 -1.41 -16.15 | 44.11 -0.89 -17.11 | 42.15 -2.76 -17.05 | 51.51 -4.53 -15.54 | 86.90 -11.21 -7.76 | 149.00 -19.89 -0.31 | 154.59 -20.08 0.00 | 108.60 -13.66 -8.44 | 94.49 -10.28 -10.43 | 73.96 -7.48 -12.18 | 64.01 -2.22 -14.50 | 64.25 -1.49 -12.45 |
| INDECK___CORINTH 23802 | 153.23 3.99 -101.16 | 151.97 4.15 -95.97 | 150.88 3.26 -107.29 | 153.85 3.23 -110.67 | 149.37 3.40 -103.45 | 149.52 4.47 -87.06 | 124.55 5.82 -47.83 | 149.24 4.27 -92.88 | 160.56 5.23 -98.42 | 186.60 5.57 -119.14 | 193.90 5.12 -131.87 | 185.50 3.88 -141.62 | 166.70 3.59 -124.91 | 162.85 2.62 -132.34 | 162.36 2.68 -131.82 | 164.56 3.85 -120.21 | 159.08 8.76 -59.97 | 187.35 16.35 -2.42 | 190.91 16.25 0.00 | 189.32 10.25 -65.25 | 183.88 8.87 -80.67 | 169.77 6.30 -94.21 | 168.39 4.50 -112.16 | 153.94 4.37 -96.29 |
| INDECK___ILION 23567 | 48.18 2.02 1.92 | 52.21 2.18 1.82 | 40.02 1.73 2.04 | 39.57 1.72 2.10 | 42.38 1.83 1.96 | 58.83 2.49 1.65 | 72.97 2.98 0.91 | 52.41 2.09 1.76 | 57.37 2.33 1.87 | 62.17 2.54 2.26 | 56.74 2.33 2.50 | 39.08 1.76 2.69 | 37.43 1.60 2.37 | 26.58 1.20 2.51 | 26.56 1.20 2.50 | 39.84 1.62 2.28 | 92.73 3.52 1.14 | 174.94 6.40 0.05 | 181.30 6.64 0.00 | 116.80 4.21 1.24 | 96.40 3.58 1.53 | 70.24 2.77 1.79 | 51.62 2.02 2.13 | 53.59 2.13 1.83 |
| INDECK___OLEAN 23982 | 60.30 -1.78 -14.00 | 63.06 -2.08 -13.28 | 53.80 -1.37 -14.85 | 53.87 -1.40 -15.31 | 55.31 -1.53 -14.31 | 68.18 -1.86 -12.05 | 75.68 -1.84 -6.62 | 62.80 -2.14 -12.85 | 67.56 -2.96 -13.62 | 74.66 -3.71 -16.49 | 71.74 -3.41 -18.25 | 57.89 -1.72 -19.60 | 53.34 -2.14 -17.29 | 44.95 -1.25 -18.31 | 44.88 -1.23 -18.24 | 54.50 -2.63 -16.64 | 91.69 -6.96 -8.30 | 154.59 -14.33 -0.33 | 160.87 -13.80 0.00 | 113.64 -9.22 -9.03 | 98.43 -7.08 -11.16 | 77.10 -5.20 -13.04 | 63.79 -3.47 -15.52 | 64.00 -2.61 -13.32 |

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| INDECK___OSWEGO 23783 | 52.22 -1.49 -5.63 | 55.53 -1.66 -5.34 | 45.08 -1.21 -5.97 | 44.95 -1.16 -6.16 | 47.00 -1.27 -5.76 | 61.10 -1.74 -4.84 | 71.29 -2.27 -2.66 | 54.96 -2.29 -5.17 | 59.71 -2.67 -5.48 | 65.61 -2.91 -6.63 | 61.63 -2.62 -7.34 | 46.13 -1.76 -7.88 | 43.43 -1.72 -6.95 | 34.06 -1.20 -7.36 | 34.00 -1.20 -7.34 | 45.20 -1.98 -6.69 | 89.08 -4.60 -3.34 | 160.29 -8.42 -0.13 | 165.94 -8.73 0.00 | 111.65 -5.80 -3.63 | 94.12 -4.71 -4.49 | 71.24 -3.25 -5.24 | 56.01 -1.97 -6.24 | 56.73 -1.92 -5.36 |
| INDECK___YERKES 23781 | 57.86 -2.07 -11.84 | 60.65 -2.44 -11.23 | 51.27 -1.61 -12.56 | 51.26 -1.64 -12.95 | 52.72 -1.91 -12.11 | 65.86 -2.32 -10.19 | 73.45 -3.05 -5.60 | 58.74 -4.22 -10.87 | 62.96 -5.46 -11.52 | 69.58 -6.25 -13.94 | 66.70 -5.63 -15.43 | 53.66 -2.92 -16.58 | 49.42 -3.40 -14.62 | 41.23 -2.15 -15.49 | 41.23 -2.06 -15.43 | 50.60 -3.97 -14.07 | 86.80 -10.57 -7.02 | 149.14 -19.72 -0.28 | 154.59 -20.08 0.00 | 108.14 -13.32 -7.64 | 93.69 -10.09 -9.44 | 72.66 -7.62 -11.03 | 59.58 -5.28 -13.13 | 60.88 -3.68 -11.27 |
| INDIAN POINT_GT_1 24139 | 126.59 3.56 -74.95 | 126.52 3.58 -71.10 | 122.59 2.78 -79.49 | 124.58 2.64 -81.99 | 122.01 2.85 -76.64 | 126.38 3.89 -64.50 | 111.66 5.32 -35.44 | 124.60 3.70 -68.82 | 134.03 4.21 -72.92 | 154.73 4.58 -88.27 | 158.87 4.27 -97.70 | 147.93 3.00 -104.92 | 133.56 2.83 -92.54 | 128.08 2.15 -98.04 | 127.64 2.12 -97.66 | 132.43 2.88 -89.06 | 141.56 6.78 -44.43 | 183.53 13.16 -1.79 | 188.65 13.98 0.00 | 171.38 9.22 -48.34 | 161.47 7.36 -59.77 | 144.46 5.41 -69.80 | 138.71 3.88 -83.09 | 128.46 3.84 -71.33 |
| INDIAN POINT_GT_2 23659 | 126.59 3.56 -74.95 | 126.52 3.58 -71.10 | 122.59 2.78 -79.49 | 124.58 2.64 -81.99 | 122.01 2.85 -76.64 | 126.38 3.89 -64.50 | 111.66 5.32 -35.44 | 124.60 3.70 -68.82 | 134.03 4.21 -72.92 | 154.73 4.58 -88.27 | 158.87 4.27 -97.70 | 147.93 3.00 -104.92 | 133.56 2.83 -92.54 | 128.08 2.15 -98.04 | 127.64 2.12 -97.66 | 132.43 2.88 -89.06 | 141.56 6.78 -44.43 | 183.53 13.16 -1.79 | 188.65 13.98 0.00 | 171.38 9.22 -48.34 | 161.47 7.36 -59.77 | 144.46 5.41 -69.80 | 138.71 3.88 -83.09 | 128.46 3.84 -71.33 |
| INDIAN POINT_GT_3 24019 | 126.59 3.56 -74.95 | 126.52 3.58 -71.10 | 122.59 2.78 -79.49 | 124.58 2.64 -81.99 | 122.01 2.85 -76.64 | 126.38 3.89 -64.50 | 111.66 5.32 -35.44 | 124.60 3.70 -68.82 | 134.03 4.21 -72.92 | 154.73 4.58 -88.27 | 158.87 4.27 -97.70 | 147.93 3.00 -104.92 | 133.56 2.83 -92.54 | 128.08 2.15 -98.04 | 127.64 2.12 -97.66 | 132.43 2.88 -89.06 | 141.56 6.78 -44.43 | 183.53 13.16 -1.79 | 188.65 13.98 0.00 | 171.38 9.22 -48.34 | 161.47 7.36 -59.77 | 144.46 5.41 -69.80 | 138.71 3.88 -83.09 | 128.46 3.84 -71.33 |
| INDIAN POINT___2 23530 | 125.44 3.36 -73.99 | 125.41 3.37 -70.19 | 121.42 2.62 -78.48 | 123.37 2.48 -80.95 | 120.82 2.64 -75.66 | 125.32 3.66 -63.68 | 110.92 5.03 -34.99 | 123.57 3.54 -67.94 | 132.87 3.98 -71.99 | 153.36 4.33 -87.14 | 157.40 4.04 -96.45 | 146.39 2.80 -103.58 | 132.23 2.67 -91.36 | 126.72 2.04 -96.80 | 126.29 2.01 -96.42 | 131.18 2.76 -87.93 | 140.63 6.42 -43.87 | 182.65 12.30 -1.77 | 187.94 13.27 0.00 | 170.31 8.77 -47.73 | 160.23 6.88 -59.01 | 143.29 5.12 -68.91 | 137.44 3.67 -82.04 | 127.34 3.63 -70.43 |
| INDIAN POINT___3 23531 | 126.43 3.36 -74.98 | 126.35 3.37 -71.13 | 122.46 2.62 -79.52 | 124.45 2.48 -82.02 | 121.83 2.64 -76.67 | 126.17 3.66 -64.53 | 111.39 5.03 -35.45 | 124.42 3.49 -68.85 | 133.78 3.92 -72.95 | 154.52 4.33 -88.30 | 158.69 4.04 -97.74 | 147.77 2.80 -104.97 | 133.45 2.67 -92.58 | 128.01 2.04 -98.09 | 127.58 2.01 -97.71 | 132.35 2.76 -89.10 | 141.12 6.32 -44.45 | 182.68 12.30 -1.79 | 187.77 13.11 0.00 | 170.95 8.77 -48.36 | 161.02 6.88 -59.79 | 144.21 5.12 -69.83 | 138.53 3.67 -83.13 | 128.28 3.63 -71.37 |
| IP CORINTH___1 23988 | 153.52 4.28 -101.16 | 152.22 4.40 -95.97 | 151.08 3.47 -107.29 | 154.09 3.47 -110.67 | 149.62 3.66 -103.45 | 149.86 4.81 -87.06 | 124.90 6.17 -47.83 | 149.55 4.58 -92.88 | 160.90 5.58 -98.42 | 186.97 5.94 -119.14 | 194.18 5.41 -131.87 | 185.75 4.12 -141.62 | 166.92 3.82 -124.91 | 162.99 2.76 -132.34 | 162.53 2.84 -131.82 | 164.80 4.09 -120.21 | 159.54 9.22 -59.97 | 188.20 17.20 -2.42 | 191.79 17.13 0.00 | 190.00 10.93 -65.25 | 184.36 9.34 -80.67 | 170.11 6.65 -94.21 | 168.70 4.81 -112.16 | 154.26 4.69 -96.29 |
| IP___TICONDEROGA 23804 | 151.56 6.45 -97.03 | 150.49 6.59 -92.05 | 148.48 5.24 -102.91 | 151.22 5.12 -106.15 | 147.10 5.36 -99.22 | 149.03 7.54 -83.51 | 126.49 9.71 -45.88 | 148.16 6.98 -89.09 | 159.33 8.03 -94.40 | 184.71 8.54 -114.28 | 191.13 7.74 -126.49 | 181.45 5.60 -135.84 | 163.16 5.15 -119.81 | 158.54 3.71 -126.94 | 158.07 3.76 -126.45 | 161.27 5.46 -115.31 | 160.35 12.47 -57.53 | 194.50 23.60 -2.32 | 198.78 24.11 0.00 | 192.00 15.59 -62.59 | 184.75 13.02 -77.38 | 169.04 9.42 -90.37 | 166.03 6.72 -107.58 | 152.47 6.82 -92.36 |
| ISLIP_RES_REC 323679 | 129.47 5.67 -75.71 | 128.81 5.13 -71.83 | 124.90 4.27 -80.30 | 125.98 3.20 -82.83 | 123.90 3.96 -77.42 | 127.38 4.23 -65.16 | 115.33 8.58 -35.85 | 127.18 5.58 -69.52 | 136.48 5.92 -73.66 | 158.30 7.24 -89.17 | 165.38 6.88 -101.59 | 154.51 4.84 -109.67 | 140.94 4.58 -98.16 | 135.46 3.46 -104.11 | 135.05 3.43 -103.76 | 139.99 4.78 -94.72 | 151.31 11.57 -49.39 | 202.86 23.10 -11.18 | 202.21 24.27 -3.28 | 183.37 16.16 -53.40 | 171.01 12.45 -64.21 | 153.71 9.35 -75.11 | 148.14 6.62 -89.79 | 131.64 6.28 -72.06 |
| JARVIS____ 23743 | 46.55 0.38 1.92 | 50.44 0.41 1.82 | 38.65 0.36 2.04 | 38.21 0.36 2.10 | 40.94 0.38 1.96 | 56.80 0.46 1.65 | 70.56 0.56 0.91 | 50.69 0.37 1.76 | 55.44 0.40 1.87 | 60.07 0.44 2.26 | 54.80 0.40 2.50 | 37.68 0.36 2.69 | 36.13 0.30 2.37 | 25.63 0.25 2.51 | 25.61 0.25 2.50 | 38.54 0.32 2.28 | 89.76 0.55 1.14 | 169.56 1.02 0.05 | 175.72 1.05 0.00 | 113.16 0.57 1.24 | 93.38 0.57 1.53 | 67.96 0.49 1.79 | 49.97 0.36 2.13 | 51.84 0.38 1.83 |
| JENNISON___1 23625 | 76.61 2.36 -26.17 | 79.22 2.54 -24.82 | 70.09 2.02 -27.75 | 70.61 2.04 -28.63 | 71.45 2.17 -26.76 | 83.52 3.01 -22.52 | 86.96 3.68 -12.37 | 78.51 2.40 -24.03 | 84.98 2.62 -25.46 | 95.74 3.03 -30.82 | 93.92 2.90 -34.11 | 78.84 2.20 -36.63 | 72.34 1.83 -32.31 | 63.55 1.42 -34.23 | 63.38 1.42 -34.10 | 73.29 1.70 -31.10 | 109.57 3.71 -15.51 | 176.62 7.41 -0.62 | 182.71 8.04 0.00 | 135.03 4.32 -16.88 | 119.08 3.87 -20.87 | 96.60 2.98 -24.37 | 82.71 1.97 -29.01 | 80.38 2.19 -24.91 |
| JENNISON___2 23626 | 76.61 2.36 -26.17 | 79.22 2.54 -24.82 | 70.09 2.02 -27.75 | 70.61 2.04 -28.63 | 71.45 2.17 -26.76 | 83.52 3.01 -22.52 | 86.96 3.68 -12.37 | 78.51 2.40 -24.03 | 84.98 2.62 -25.46 | 95.74 3.03 -30.82 | 93.92 2.90 -34.11 | 78.84 2.20 -36.63 | 72.34 1.83 -32.31 | 63.55 1.42 -34.23 | 63.38 1.42 -34.10 | 73.29 1.70 -31.10 | 109.57 3.71 -15.51 | 176.62 7.41 -0.62 | 182.71 8.04 0.00 | 135.03 4.32 -16.88 | 119.08 3.87 -20.87 | 96.60 2.98 -24.37 | 82.71 1.97 -29.01 | 80.38 2.19 -24.91 |
| JERICHO_RISE_WT_PWR 323719 | 47.27 -0.82 0.00 | 51.18 -0.68 0.00 | 39.55 -0.77 0.00 | 39.23 -0.72 0.00 | 41.84 -0.68 0.00 | 57.12 -0.87 0.00 | 70.26 -0.64 0.00 | 51.98 -0.10 0.00 | 56.79 -0.11 0.00 | 61.95 0.06 0.00 | 56.90 0.00 0.00 | 39.81 -0.20 0.00 | 38.27 0.08 0.00 | 27.78 -0.11 0.00 | 27.75 -0.11 0.00 | 40.74 0.24 0.00 | 91.35 1.00 0.00 | 170.61 2.03 0.00 | 176.77 2.10 0.00 | 115.42 1.59 0.00 | 95.48 1.14 0.00 | 69.81 0.55 0.00 | 52.10 0.36 0.00 | 53.55 0.27 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 128.51 4.71 -75.71 | 127.83 4.15 -71.82 | 124.13 3.51 -80.30 | 125.22 2.44 -82.83 | 123.09 3.15 -77.42 | 126.34 3.19 -65.16 | 113.98 7.24 -35.85 | 126.19 4.58 -69.52 | 135.40 4.83 -73.66 | 157.06 6.00 -89.17 | 163.99 5.74 -101.34 | 153.40 4.04 -109.35 | 139.77 3.82 -97.76 | 134.47 2.90 -103.68 | 134.03 2.84 -103.33 | 138.78 3.97 -94.31 | 149.12 9.76 -49.01 | 198.34 19.38 -10.38 | 198.09 20.43 -3.00 | 180.60 13.77 -53.01 | 168.70 10.47 -63.88 | 151.93 7.96 -74.72 | 146.61 5.59 -89.29 | 130.58 5.23 -72.06 |

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|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| KEDC PORT_JEFF_GT3 24211 | 128.51 4.71 -75.71 | 127.83 4.15 -71.82 | 124.13 3.51 -80.30 | 125.22 2.44 -82.83 | 123.09 3.15 -77.42 | 126.34 3.19 -65.16 | 113.98 7.24 -35.85 | 126.19 4.58 -69.52 | 135.40 4.83 -73.66 | 157.06 6.00 -89.17 | 163.99 5.74 -101.34 | 153.40 4.04 -109.35 | 139.77 3.82 -97.76 | 134.47 2.90 -103.68 | 134.03 2.84 -103.33 | 138.78 3.97 -94.31 | 149.12 9.76 -49.01 | 198.34 19.38 -10.38 | 198.09 20.43 -3.00 | 180.60 13.77 -53.01 | 168.70 10.47 -63.88 | 151.93 7.96 -74.72 | 146.61 5.59 -89.29 | 130.58 5.23 -72.06 |
| KEDC_GLWD_GT4 24219 | 128.38 4.57 -75.72 | 128.05 4.36 -71.84 | 124.23 3.59 -80.32 | 125.75 2.96 -82.84 | 123.40 3.44 -77.44 | 127.39 4.23 -65.17 | 114.02 7.09 -36.04 | 126.35 4.74 -69.53 | 135.64 5.06 -73.67 | 157.01 5.94 -89.18 | 173.61 5.69 -111.02 | 165.66 4.00 -121.65 | 155.37 3.78 -113.39 | 151.40 2.87 -120.64 | 151.06 2.81 -120.38 | 154.57 3.89 -110.19 | 163.49 9.03 -64.11 | 227.19 16.86 -41.75 | 206.65 17.99 -13.98 | 194.34 12.30 -68.22 | 180.77 9.72 -76.71 | 166.50 7.13 -90.11 | 165.74 5.17 -108.84 | 130.43 5.06 -72.08 |
| KEDC_GLWD_GT5 24220 | 128.38 4.57 -75.72 | 128.05 4.36 -71.84 | 124.23 3.59 -80.32 | 125.75 2.96 -82.84 | 123.40 3.44 -77.44 | 127.39 4.23 -65.17 | 114.02 7.09 -36.04 | 126.35 4.74 -69.53 | 135.64 5.06 -73.67 | 157.01 5.94 -89.18 | 173.61 5.69 -111.02 | 165.66 4.00 -121.65 | 155.37 3.78 -113.39 | 151.40 2.87 -120.64 | 151.06 2.81 -120.38 | 154.57 3.89 -110.19 | 163.49 9.03 -64.11 | 227.19 16.86 -41.75 | 206.65 17.99 -13.98 | 194.34 12.30 -68.22 | 180.77 9.72 -76.71 | 166.50 7.13 -90.11 | 165.74 5.17 -108.84 | 130.43 5.06 -72.08 |
| KENSICO____ 23655 | 127.42 3.80 -75.54 | 127.35 3.84 -71.66 | 123.42 2.98 -80.12 | 125.42 2.84 -82.64 | 122.78 3.02 -77.24 | 127.18 4.18 -65.01 | 112.29 5.67 -35.72 | 125.40 3.96 -69.36 | 134.84 4.44 -73.49 | 155.74 4.89 -88.96 | 159.93 4.55 -98.47 | 148.96 3.20 -105.75 | 134.48 3.02 -93.27 | 129.00 2.29 -98.82 | 128.55 2.26 -98.44 | 133.38 3.12 -89.76 | 142.36 7.23 -44.78 | 184.37 13.98 -1.80 | 189.51 14.84 0.00 | 172.44 9.90 -48.72 | 162.41 7.83 -60.24 | 145.35 5.75 -70.35 | 139.62 4.14 -83.75 | 129.29 4.10 -71.90 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 123.79 4.04 -71.67 | 123.99 4.15 -67.99 | 119.56 3.23 -76.01 | 121.43 3.08 -78.40 | 119.13 3.32 -73.29 | 124.19 4.53 -61.68 | 110.67 5.88 -33.89 | 122.06 4.17 -65.80 | 131.41 4.78 -69.73 | 151.55 5.26 -84.40 | 155.22 4.89 -93.42 | 143.62 3.28 -100.33 | 129.93 3.24 -88.49 | 124.07 2.43 -93.75 | 123.65 2.40 -93.39 | 128.98 3.32 -85.17 | 140.25 7.41 -42.49 | 185.64 15.34 -1.71 | 190.56 15.89 0.00 | 170.30 10.25 -46.23 | 159.89 8.39 -57.15 | 142.09 6.10 -66.74 | 135.54 4.35 -79.46 | 125.71 4.21 -68.21 |
| KIAC_JFK_GT1 23816 | 127.83 4.04 -75.71 | 127.71 4.05 -71.81 | 123.76 3.15 -80.29 | 125.72 2.96 -82.82 | 123.08 3.15 -77.41 | 127.61 4.47 -65.16 | 113.02 6.31 -35.81 | 126.12 4.53 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.37 4.78 -98.68 | 149.34 3.36 -105.98 | 134.91 3.24 -93.48 | 129.41 2.48 -99.03 | 128.96 2.45 -98.65 | 133.78 3.32 -89.96 | 142.90 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.01 10.36 -48.83 | 163.21 8.49 -60.37 | 145.99 6.24 -70.50 | 140.42 4.76 -83.94 | 129.93 4.58 -72.06 |
| KIAC_JFK_GT2 23817 | 127.83 4.04 -75.71 | 127.71 4.05 -71.81 | 123.76 3.15 -80.29 | 125.72 2.96 -82.82 | 123.08 3.15 -77.41 | 127.61 4.47 -65.16 | 113.02 6.31 -35.81 | 126.12 4.53 -69.51 | 135.50 4.95 -73.65 | 156.55 5.51 -89.15 | 160.37 4.78 -98.68 | 149.34 3.36 -105.98 | 134.91 3.24 -93.48 | 129.41 2.48 -99.03 | 128.96 2.45 -98.65 | 133.78 3.32 -89.96 | 142.90 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.01 10.36 -48.83 | 163.21 8.49 -60.37 | 145.99 6.24 -70.50 | 140.42 4.76 -83.94 | 129.93 4.58 -72.06 |
| KINTIGH____ 23543 | 55.38 -2.93 -10.23 | 58.18 -3.37 -9.70 | 48.83 -2.34 -10.85 | 48.74 -2.40 -11.19 | 50.30 -2.68 -10.46 | 63.31 -3.48 -8.80 | 70.49 -5.25 -4.84 | 56.21 -5.26 -9.39 | 60.48 -6.37 -9.95 | 66.69 -7.24 -12.04 | 63.69 -6.54 -13.33 | 50.28 -4.04 -14.32 | 46.55 -4.28 -12.63 | 38.37 -2.90 -13.38 | 38.35 -2.84 -13.33 | 47.83 -4.82 -12.15 | 84.58 -11.83 -6.06 | 146.75 -22.08 -0.24 | 152.31 -22.36 0.00 | 105.51 -14.91 -6.60 | 90.61 -11.89 -8.16 | 70.05 -8.73 -9.52 | 56.81 -6.26 -11.34 | 57.90 -5.12 -9.73 |
| LEDERLE____ 23769 | 124.70 3.70 -72.91 | 124.76 3.74 -69.17 | 120.60 2.94 -77.33 | 122.47 2.75 -79.76 | 120.06 2.98 -74.56 | 124.80 4.06 -62.75 | 110.97 5.60 -34.47 | 122.99 3.96 -66.95 | 132.28 4.44 -70.94 | 152.59 4.83 -85.87 | 156.39 4.44 -95.05 | 145.20 3.12 -102.07 | 131.21 2.98 -90.03 | 125.53 2.26 -95.38 | 125.11 2.23 -95.01 | 130.22 3.08 -86.64 | 140.63 7.05 -43.23 | 183.98 13.65 -1.74 | 189.16 14.49 0.00 | 170.41 9.56 -47.03 | 160.13 7.64 -58.15 | 142.77 5.61 -67.90 | 136.66 4.09 -80.84 | 126.73 4.05 -69.40 |
| LINDEN COGEN____ 23786 | 127.93 4.14 -75.71 | 127.82 4.15 -71.81 | 123.84 3.23 -80.29 | 125.80 3.03 -82.82 | 123.21 3.27 -77.41 | 127.67 4.53 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.49 5.45 -89.15 | 160.60 5.01 -98.68 | 149.51 3.52 -105.98 | 134.99 3.32 -93.48 | 129.46 2.54 -99.03 | 129.02 2.51 -98.65 | 133.89 3.44 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.22 4.55 -83.94 | 129.87 4.53 -72.06 |
| LIPA_MISC_IPP 23656 | 128.94 5.15 -75.71 | 128.29 4.61 -71.82 | 124.50 3.87 -80.30 | 125.62 2.84 -82.83 | 123.47 3.53 -77.42 | 126.80 3.66 -65.16 | 114.68 7.94 -35.84 | 126.65 5.05 -69.52 | 135.86 5.29 -73.66 | 157.56 6.50 -89.17 | 164.34 6.20 -101.23 | 153.58 4.36 -109.21 | 139.90 4.13 -97.58 | 134.50 3.12 -103.49 | 134.06 3.06 -103.13 | 138.91 4.29 -94.13 | 149.66 10.48 -48.83 | 199.16 20.56 -10.01 | 199.19 21.65 -2.87 | 181.11 14.46 -52.83 | 169.20 11.13 -63.73 | 152.38 8.59 -74.54 | 146.84 6.05 -89.06 | 131.06 5.70 -72.06 |
| LISF__SOLAR 323691 | 129.09 5.29 -75.71 | 128.44 4.77 -71.82 | 124.62 3.99 -80.30 | 125.69 2.91 -82.83 | 123.56 3.61 -77.42 | 126.92 3.77 -65.16 | 114.82 8.08 -35.84 | 126.76 5.16 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.48 6.32 -101.26 | 153.70 4.44 -109.26 | 140.07 4.24 -97.64 | 134.62 3.18 -103.55 | 134.20 3.15 -103.19 | 139.06 4.37 -94.18 | 149.98 10.75 -48.89 | 199.61 20.90 -10.13 | 199.76 22.19 -2.91 | 181.50 14.79 -52.88 | 169.53 11.41 -63.78 | 152.65 8.80 -74.59 | 147.07 6.20 -89.13 | 131.21 5.86 -72.06 |
| LITTLE FALLS__HYD 24013 | 50.35 4.18 1.92 | 54.54 4.51 1.82 | 41.84 3.55 2.04 | 41.37 3.52 2.10 | 44.26 3.70 1.96 | 61.44 5.10 1.65 | 76.16 6.17 0.91 | 54.74 4.42 1.76 | 59.87 4.83 1.87 | 64.89 5.26 2.26 | 59.30 4.89 2.50 | 40.84 3.52 2.69 | 39.11 3.29 2.37 | 27.81 2.43 2.51 | 27.78 2.42 2.50 | 41.57 3.36 2.28 | 96.44 7.23 1.14 | 181.85 13.32 0.05 | 188.46 13.80 0.00 | 121.47 8.88 1.24 | 100.36 7.55 1.53 | 73.21 5.75 1.79 | 53.90 4.29 2.13 | 55.94 4.48 1.83 |
| LI_NEWBRDGE__DRP 323616 | 128.12 4.33 -75.71 | 127.57 3.89 -71.82 | 124.01 3.39 -80.30 | 125.17 2.40 -82.83 | 123.04 3.10 -77.42 | 126.51 3.36 -65.16 | 113.73 7.02 -35.80 | 126.08 4.48 -69.52 | 135.12 4.55 -73.66 | 156.63 5.57 -89.17 | 161.52 5.41 -99.20 | 150.45 3.80 -106.64 | 136.09 3.59 -94.31 | 130.56 2.73 -99.94 | 130.10 2.68 -99.56 | 135.02 3.72 -90.80 | 144.61 8.59 -45.67 | 188.72 16.69 -3.45 | 192.87 17.63 -0.57 | 175.08 11.62 -49.65 | 164.64 9.25 -61.05 | 147.43 6.86 -71.32 | 141.77 5.07 -84.97 | 130.25 4.90 -72.06 |
| LONG_LAKE_PHOENIX 24014 | 52.84 -1.10 -5.86 | 56.17 -1.24 -5.56 | 45.65 -0.89 -6.22 | 45.49 -0.88 -6.41 | 47.54 -0.98 -5.99 | 61.76 -1.28 -5.05 | 72.04 -1.63 -2.77 | 56.01 -1.46 -5.38 | 60.90 -1.71 -5.70 | 66.94 -1.86 -6.90 | 62.89 -1.65 -7.64 | 47.09 -1.12 -8.21 | 44.21 -1.22 -7.24 | 34.73 -0.84 -7.67 | 34.69 -0.81 -7.64 | 46.09 -1.38 -6.97 | 90.58 -3.25 -3.48 | 162.99 -5.73 -0.14 | 168.91 -5.76 0.00 | 113.62 -3.99 -3.78 | 95.81 -3.21 -4.68 | 72.57 -2.15 -5.46 | 56.68 -1.55 -6.50 | 57.32 -1.55 -5.58 |

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|---------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| LOVETT___3 23632 | 124.70 3.36 -73.25 | 124.71 3.37 -69.49 | 120.67 2.66 -77.69 | 122.56 2.48 -80.13 | 120.11 2.68 -74.90 | 124.74 3.71 -63.04 | 110.64 5.11 -34.63 | 122.88 3.54 -67.26 | 132.15 3.98 -71.26 | 152.49 4.33 -86.27 | 156.43 4.04 -95.49 | 145.35 2.80 -102.54 | 131.32 2.67 -90.45 | 125.78 2.06 -95.82 | 125.32 2.01 -95.45 | 130.30 2.76 -87.05 | 140.19 6.42 -43.43 | 182.63 12.30 -1.75 | 187.94 13.27 0.00 | 169.83 8.77 -47.25 | 159.64 6.88 -58.41 | 142.60 5.12 -68.22 | 136.67 3.73 -81.21 | 126.68 3.67 -69.72 |
| LOVETT___4 23642 | 124.70 3.36 -73.25 | 124.71 3.37 -69.49 | 120.67 2.66 -77.69 | 122.56 2.48 -80.13 | 120.11 2.68 -74.90 | 124.74 3.71 -63.04 | 110.64 5.11 -34.63 | 122.88 3.54 -67.26 | 132.15 3.98 -71.26 | 152.49 4.33 -86.27 | 156.43 4.04 -95.49 | 145.35 2.80 -102.54 | 131.32 2.67 -90.45 | 125.78 2.06 -95.82 | 125.32 2.01 -95.45 | 130.30 2.76 -87.05 | 140.19 6.42 -43.43 | 182.63 12.30 -1.75 | 187.94 13.27 0.00 | 169.83 8.77 -47.25 | 159.64 6.88 -58.41 | 142.60 5.12 -68.22 | 136.67 3.73 -81.21 | 126.68 3.67 -69.72 |
| LOVETT___5 23593 | 124.70 3.36 -73.25 | 124.71 3.37 -69.49 | 120.67 2.66 -77.69 | 122.56 2.48 -80.13 | 120.11 2.68 -74.90 | 124.74 3.71 -63.04 | 110.64 5.11 -34.63 | 122.88 3.54 -67.26 | 132.15 3.98 -71.26 | 152.49 4.33 -86.27 | 156.43 4.04 -95.49 | 145.35 2.80 -102.54 | 131.32 2.67 -90.45 | 125.78 2.06 -95.82 | 125.32 2.01 -95.45 | 130.30 2.76 -87.05 | 140.19 6.42 -43.43 | 182.63 12.30 -1.75 | 187.94 13.27 0.00 | 169.83 8.77 -47.25 | 159.64 6.88 -58.41 | 142.60 5.12 -68.22 | 136.67 3.73 -81.21 | 126.68 3.67 -69.72 |
| LOWER RAQUET___HYD 24057 | 47.17 -0.92 0.00 | 51.59 -0.26 0.00 | 39.32 -1.01 0.00 | 38.99 -0.96 0.00 | 41.71 -0.81 0.00 | 56.83 -1.16 0.00 | 70.55 -0.35 0.00 | 51.98 -0.10 0.00 | 56.45 -0.46 0.00 | 61.70 -0.19 0.00 | 56.73 -0.17 0.00 | 39.21 -0.80 0.00 | 38.39 0.19 0.00 | 27.44 -0.45 0.00 | 27.42 -0.45 0.00 | 40.33 -0.16 0.00 | 90.17 -0.18 0.00 | 168.08 -0.50 0.00 | 173.80 -0.87 0.00 | 113.03 -0.79 0.00 | 93.97 -0.38 0.00 | 68.98 -0.28 0.00 | 51.89 0.16 0.00 | 53.50 0.21 0.00 |
| LOWER___HUDSON 24059 | 151.64 3.80 -99.76 | 150.43 3.94 -94.64 | 149.24 3.11 -105.81 | 152.16 3.08 -109.14 | 147.77 3.23 -102.02 | 148.25 4.41 -85.86 | 123.60 5.53 -47.17 | 147.69 4.01 -91.60 | 158.63 4.67 -97.06 | 184.39 5.01 -117.49 | 191.56 4.61 -130.05 | 183.07 3.40 -139.66 | 164.55 3.17 -123.18 | 160.71 2.31 -130.51 | 160.21 2.34 -130.00 | 162.41 3.36 -118.55 | 156.72 7.23 -59.14 | 184.46 13.49 -2.38 | 188.30 13.63 0.00 | 186.94 8.77 -64.35 | 181.35 7.45 -79.56 | 167.57 5.41 -92.91 | 166.48 4.14 -110.61 | 152.34 4.10 -94.95 |
| LWR___OSWEGATCHIE_HYD 23850 | 47.56 -0.53 0.00 | 51.75 -0.10 0.00 | 39.76 -0.56 0.00 | 39.39 -0.56 0.00 | 42.05 -0.47 0.00 | 57.30 -0.69 0.00 | 70.69 -0.21 0.00 | 51.98 -0.10 0.00 | 56.57 -0.34 0.00 | 61.83 -0.06 0.00 | 56.96 0.06 0.00 | 39.69 -0.32 0.00 | 38.43 0.23 0.00 | 27.73 -0.17 0.00 | 27.70 -0.17 0.00 | 40.41 -0.08 0.00 | 90.26 -0.09 0.00 | 168.58 0.00 0.00 | 174.49 -0.17 0.00 | 113.14 -0.68 0.00 | 94.15 -0.19 0.00 | 69.12 -0.14 0.00 | 51.78 0.05 0.00 | 53.39 0.11 0.00 |
| LYONS_FALL_HYD 23570 | 48.90 0.82 0.00 | 52.79 0.93 0.00 | 40.97 0.64 0.00 | 40.63 0.68 0.00 | 43.24 0.72 0.00 | 58.98 0.98 0.00 | 72.18 1.28 0.00 | 52.97 0.88 0.00 | 57.81 0.91 0.00 | 63.13 1.24 0.00 | 58.16 1.25 0.00 | 40.93 0.92 0.00 | 39.07 0.88 0.00 | 28.50 0.61 0.00 | 28.48 0.61 0.00 | 41.26 0.77 0.00 | 92.16 1.81 0.00 | 172.46 3.88 0.00 | 178.51 3.84 0.00 | 115.64 1.82 0.00 | 96.13 1.79 0.00 | 70.57 1.31 0.00 | 52.61 0.88 0.00 | 54.19 0.90 0.00 |
| MADISON___COUNTY_LFGE 323628 | 51.38 0.77 -2.53 | 55.04 0.78 -2.40 | 43.65 0.64 -2.69 | 43.36 0.64 -2.77 | 45.79 0.68 -2.59 | 61.16 0.98 -2.18 | 73.30 1.20 -1.20 | 55.14 0.73 -2.33 | 60.17 0.80 -2.47 | 65.86 0.99 -2.99 | 61.23 1.03 -3.30 | 44.36 0.80 -3.55 | 41.93 0.61 -3.13 | 31.68 0.47 -3.32 | 31.64 0.47 -3.30 | 44.03 0.53 -3.01 | 92.94 1.09 -1.50 | 171.18 2.53 -0.06 | 177.29 2.62 0.00 | 116.71 1.25 -1.63 | 97.50 1.14 -2.02 | 72.51 0.90 -2.36 | 55.11 0.57 -2.81 | 56.34 0.64 -2.41 |
| MAPLE_RIDGE_WT_1 323574 | 43.41 -0.24 4.44 | 47.44 -0.21 4.21 | 35.42 -0.20 4.71 | 34.94 -0.16 4.85 | 37.81 -0.17 4.54 | 53.94 -0.23 3.82 | 68.52 -0.28 2.10 | 47.85 -0.16 4.07 | 52.42 -0.17 4.32 | 56.48 -0.19 5.22 | 51.01 -0.11 5.78 | 33.68 -0.12 6.21 | 32.64 -0.08 5.48 | 22.00 -0.08 5.80 | 22.00 -0.08 5.78 | 35.14 -0.08 5.27 | 87.45 -0.27 2.63 | 167.47 -1.01 0.11 | 173.09 -1.58 0.00 | 110.05 -0.91 2.86 | 90.24 -0.56 3.54 | 64.78 -0.34 4.13 | 46.56 -0.26 4.92 | 48.80 -0.27 4.22 |
| MAPLE_RIDGE_WT_2 323611 | 43.41 -0.24 4.44 | 47.44 -0.21 4.21 | 35.42 -0.20 4.71 | 34.94 -0.16 4.85 | 37.81 -0.17 4.54 | 53.94 -0.23 3.82 | 68.52 -0.28 2.10 | 47.85 -0.16 4.07 | 52.42 -0.17 4.32 | 56.48 -0.19 5.22 | 51.01 -0.11 5.78 | 33.68 -0.12 6.21 | 32.64 -0.08 5.48 | 22.00 -0.08 5.80 | 22.00 -0.08 5.78 | 35.14 -0.08 5.27 | 87.45 -0.27 2.63 | 167.47 -1.01 0.11 | 173.09 -1.58 0.00 | 110.05 -0.91 2.86 | 90.24 -0.56 3.54 | 64.78 -0.34 4.13 | 46.56 -0.26 4.92 | 48.80 -0.27 4.22 |
| MARBLE_RIVER_WT_PWR 323696 | 47.36 -0.72 0.00 | 51.23 -0.62 0.00 | 39.64 -0.69 0.00 | 39.27 -0.68 0.00 | 41.88 -0.64 0.00 | 57.18 -0.81 0.00 | 70.41 -0.49 0.00 | 52.03 -0.05 0.00 | 56.85 -0.06 0.00 | 62.01 0.12 0.00 | 57.02 0.11 0.00 | 39.89 -0.12 0.00 | 38.31 0.11 0.00 | 27.84 -0.06 0.00 | 27.83 -0.03 0.00 | 40.82 0.32 0.00 | 91.52 1.17 0.00 | 170.94 2.36 0.00 | 177.11 2.44 0.00 | 115.64 1.82 0.00 | 95.66 1.32 0.00 | 70.02 0.76 0.00 | 52.25 0.52 0.00 | 53.71 0.42 0.00 |
| MARSH_HILL_WT_PWR 323713 | 63.68 -0.29 -15.88 | 66.45 -0.47 -15.07 | 57.01 -0.16 -16.85 | 57.13 -0.20 -17.38 | 58.47 -0.30 -16.24 | 71.54 -0.12 -13.67 | 78.62 0.21 -7.51 | 65.89 -0.78 -14.58 | 70.94 -1.42 -15.45 | 78.80 -1.80 -18.71 | 75.96 -1.65 -20.70 | 61.36 -0.88 -22.24 | 56.39 -1.41 -19.61 | 47.83 -0.84 -20.78 | 47.64 -0.92 -20.70 | 57.35 -2.02 -18.87 | 94.44 -5.33 -9.42 | 159.36 -9.60 -0.38 | 165.40 -9.26 0.00 | 117.58 -6.48 -10.24 | 102.01 -5.00 -12.67 | 80.66 -3.39 -14.79 | 67.07 -2.27 -17.61 | 67.07 -1.33 -15.12 |
| MG INDUSTRY___DRP 24185 | 146.26 2.84 -95.34 | 145.35 3.06 -90.44 | 143.82 2.38 -101.12 | 146.64 2.40 -104.30 | 142.52 2.51 -97.49 | 143.46 3.42 -82.05 | 120.16 4.18 -45.08 | 142.59 2.97 -87.54 | 153.07 3.41 -92.75 | 177.82 3.65 -112.28 | 184.60 3.41 -124.28 | 175.91 2.44 -133.47 | 158.21 2.29 -117.72 | 154.31 1.70 -124.72 | 153.80 1.70 -124.24 | 156.18 2.39 -113.29 | 151.93 5.06 -56.52 | 180.30 9.44 -2.28 | 184.44 9.78 0.00 | 181.57 6.26 -61.49 | 175.65 5.28 -76.03 | 161.92 3.88 -88.79 | 160.48 3.05 -105.70 | 147.01 2.98 -90.74 |
| MID___OSWEGATCHIE_HYD 23849 | 47.56 -0.53 0.00 | 51.75 -0.10 0.00 | 39.76 -0.56 0.00 | 39.39 -0.56 0.00 | 42.05 -0.47 0.00 | 57.30 -0.69 0.00 | 70.69 -0.21 0.00 | 51.98 -0.10 0.00 | 56.57 -0.34 0.00 | 61.83 -0.06 0.00 | 56.96 0.06 0.00 | 39.69 -0.32 0.00 | 38.43 0.23 0.00 | 27.73 -0.17 0.00 | 27.70 -0.17 0.00 | 40.41 -0.08 0.00 | 90.26 -0.09 0.00 | 168.58 0.00 0.00 | 174.49 -0.17 0.00 | 113.14 -0.68 0.00 | 94.15 -0.19 0.00 | 69.12 -0.14 0.00 | 51.78 0.05 0.00 | 53.39 0.11 0.00 |
| MID___RAQUETTE_HYD 23851 | 47.17 -0.92 0.00 | 51.59 -0.26 0.00 | 39.32 -1.01 0.00 | 38.99 -0.96 0.00 | 41.71 -0.81 0.00 | 56.83 -1.16 0.00 | 70.55 -0.35 0.00 | 51.98 -0.10 0.00 | 56.45 -0.46 0.00 | 61.70 -0.19 0.00 | 56.73 -0.17 0.00 | 39.21 -0.80 0.00 | 38.39 0.19 0.00 | 27.44 -0.45 0.00 | 27.42 -0.45 0.00 | 40.33 -0.16 0.00 | 90.17 -0.18 0.00 | 168.08 -0.50 0.00 | 173.80 -0.87 0.00 | 113.03 -0.79 0.00 | 93.97 -0.38 0.00 | 68.98 -0.28 0.00 | 51.89 0.16 0.00 | 53.50 0.21 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| MILLIKEN___1 23584 | 61.95 -1.10 -14.97 | 64.81 -1.24 -14.21 | 55.32 -0.89 -15.88 | 55.45 -0.88 -16.38 | 56.86 -0.98 -15.31 | 69.66 -1.22 -12.89 | 76.56 -1.42 -7.08 | 64.64 -1.20 -13.75 | 69.99 -1.48 -14.57 | 77.91 -1.61 -17.64 | 75.00 -1.42 -19.52 | 59.97 -1.00 -20.96 | 55.54 -1.14 -18.49 | 46.70 -0.78 -19.59 | 46.60 -0.78 -19.51 | 56.91 -1.38 -17.79 | 95.44 -3.79 -8.88 | 162.36 -6.58 -0.36 | 168.21 -6.46 0.00 | 118.92 -4.56 -9.66 | 102.60 -3.68 -11.94 | 81.19 -2.01 -13.95 | 66.73 -1.60 -16.60 | 65.99 -1.55 -14.25 |
| MILLIKEN___2 23585 | 61.95 -1.10 -14.97 | 64.81 -1.24 -14.21 | 55.32 -0.89 -15.88 | 55.45 -0.88 -16.38 | 56.86 -0.98 -15.31 | 69.66 -1.22 -12.89 | 76.56 -1.42 -7.08 | 64.64 -1.20 -13.75 | 69.99 -1.48 -14.57 | 77.91 -1.61 -17.64 | 75.00 -1.42 -19.52 | 59.97 -1.00 -20.96 | 55.54 -1.14 -18.49 | 46.70 -0.78 -19.59 | 46.60 -0.78 -19.51 | 56.91 -1.38 -17.79 | 95.44 -3.79 -8.88 | 162.36 -6.58 -0.36 | 168.21 -6.46 0.00 | 118.92 -4.56 -9.66 | 102.60 -3.68 -11.94 | 81.19 -2.01 -13.95 | 66.73 -1.60 -16.60 | 65.99 -1.55 -14.25 |
| MILLIKEN___DIESEL 23629 | 61.95 -1.10 -14.97 | 64.81 -1.24 -14.21 | 55.32 -0.89 -15.88 | 55.45 -0.88 -16.38 | 56.86 -0.98 -15.31 | 69.66 -1.22 -12.89 | 76.56 -1.42 -7.08 | 64.64 -1.20 -13.75 | 69.99 -1.48 -14.57 | 77.91 -1.61 -17.64 | 75.00 -1.42 -19.52 | 59.97 -1.00 -20.96 | 55.54 -1.14 -18.49 | 46.70 -0.78 -19.59 | 46.60 -0.78 -19.51 | 56.91 -1.38 -17.79 | 95.44 -3.79 -8.88 | 162.36 -6.58 -0.36 | 168.21 -6.46 0.00 | 118.92 -4.56 -9.66 | 102.60 -3.68 -11.94 | 81.19 -2.01 -13.95 | 66.73 -1.60 -16.60 | 65.99 -1.55 -14.25 |
| MILLSEAT___LFGE 323607 | 56.98 -2.02 -10.92 | 59.77 -2.44 -10.36 | 50.33 -1.57 -11.58 | 50.30 -1.60 -11.94 | 51.77 -1.91 -11.16 | 65.01 -2.38 -9.40 | 73.09 -2.98 -5.16 | 58.25 -3.85 -10.02 | 62.58 -4.95 -10.62 | 68.99 -5.75 -12.86 | 66.02 -5.12 -14.23 | 52.45 -2.84 -15.28 | 48.35 -3.32 -13.48 | 40.03 -2.15 -14.28 | 40.00 -2.09 -14.23 | 49.62 -3.85 -12.97 | 86.88 -9.94 -6.47 | 150.63 -18.21 -0.26 | 156.33 -18.34 0.00 | 108.46 -12.40 -7.04 | 93.43 -9.62 -8.71 | 72.15 -7.27 -10.17 | 58.66 -5.17 -12.10 | 60.05 -3.63 -10.39 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 127.04 3.70 -75.25 | 126.98 3.74 -71.39 | 123.04 2.90 -79.81 | 124.99 2.72 -82.32 | 122.40 2.93 -76.95 | 126.75 4.00 -64.76 | 111.94 5.46 -35.58 | 124.98 3.80 -69.10 | 134.44 4.32 -73.21 | 155.22 4.70 -88.63 | 159.38 4.38 -98.10 | 148.44 3.08 -105.35 | 134.02 2.90 -92.92 | 128.54 2.20 -98.44 | 128.10 2.17 -98.06 | 132.92 3.00 -89.43 | 141.92 6.96 -44.61 | 183.87 13.49 -1.80 | 188.99 14.33 0.00 | 171.80 9.44 -48.54 | 161.91 7.55 -60.01 | 144.88 5.54 -70.08 | 139.15 3.98 -83.43 | 128.86 3.94 -71.63 |
| MODEL_CITY_ENERGY 24167 | 56.49 -3.12 -11.53 | 59.22 -3.58 -10.94 | 50.06 -2.50 -12.23 | 50.09 -2.48 -12.62 | 51.47 -2.85 -11.79 | 64.27 -3.65 -9.93 | 71.60 -4.75 -5.45 | 57.15 -5.52 -10.59 | 61.24 -6.89 -11.22 | 67.55 -7.92 -13.58 | 64.77 -7.17 -15.04 | 52.03 -4.12 -16.15 | 47.93 -4.51 -14.24 | 40.00 -2.98 -15.09 | 40.02 -2.87 -15.03 | 49.10 -5.10 -13.71 | 83.99 -13.19 -6.84 | 144.08 -24.78 -0.28 | 149.52 -25.15 0.00 | 104.53 -16.73 -7.44 | 90.24 -13.30 -9.20 | 70.23 -9.76 -10.74 | 57.64 -6.88 -12.79 | 59.31 -4.95 -10.98 |
| MODERN_LFGE___ 323580 | 56.49 -3.12 -11.53 | 59.22 -3.58 -10.94 | 50.06 -2.50 -12.23 | 50.09 -2.48 -12.62 | 51.47 -2.85 -11.79 | 64.27 -3.65 -9.93 | 71.60 -4.75 -5.45 | 57.15 -5.52 -10.59 | 61.24 -6.89 -11.22 | 67.55 -7.92 -13.58 | 64.77 -7.17 -15.04 | 52.03 -4.12 -16.15 | 47.93 -4.51 -14.24 | 40.00 -2.98 -15.09 | 40.02 -2.87 -15.03 | 49.10 -5.10 -13.71 | 83.99 -13.19 -6.84 | 144.08 -24.78 -0.28 | 149.52 -25.15 0.00 | 104.53 -16.73 -7.44 | 90.24 -13.30 -9.20 | 70.23 -9.76 -10.74 | 57.64 -6.88 -12.79 | 59.31 -4.95 -10.98 |
| MOHAWK_PAPER___DRP 24187 | 149.93 3.56 -98.29 | 148.83 3.74 -93.24 | 147.51 2.94 -104.25 | 150.39 2.91 -107.53 | 146.09 3.06 -100.51 | 146.76 4.18 -84.59 | 122.62 5.25 -46.47 | 146.08 3.75 -90.25 | 156.97 4.44 -95.63 | 182.41 4.77 -115.76 | 189.41 4.38 -128.13 | 180.84 3.24 -137.60 | 162.58 3.02 -121.37 | 158.71 2.23 -128.58 | 158.20 2.26 -128.08 | 160.49 3.20 -116.80 | 155.31 6.69 -58.27 | 183.41 12.48 -2.35 | 187.41 12.74 0.00 | 185.30 8.08 -63.40 | 179.61 6.88 -78.38 | 165.78 4.99 -91.54 | 164.59 3.88 -108.97 | 150.68 3.84 -93.55 |
| MONGAUP___HYD 23641 | 120.86 3.46 -69.31 | 121.18 3.58 -65.76 | 116.66 2.82 -73.52 | 118.42 2.64 -75.83 | 116.25 2.85 -70.88 | 121.47 3.83 -59.65 | 109.56 5.88 -32.77 | 119.11 3.38 -63.64 | 128.32 3.98 -67.44 | 147.92 4.39 -81.63 | 151.41 4.15 -90.36 | 139.77 2.72 -97.04 | 126.50 2.71 -85.59 | 120.63 2.06 -90.68 | 120.20 2.01 -90.33 | 125.66 2.79 -82.37 | 137.59 6.15 -41.09 | 183.40 13.16 -1.66 | 188.30 13.63 0.00 | 167.18 8.65 -44.71 | 156.79 7.17 -55.28 | 139.07 5.26 -64.55 | 132.31 3.73 -76.85 | 122.78 3.52 -65.98 |
| MONTAUK___DIESEL 23721 | 132.45 8.65 -75.71 | 131.97 8.29 -71.82 | 127.32 6.70 -80.30 | 128.29 5.52 -82.83 | 126.32 6.38 -77.42 | 130.40 7.25 -65.16 | 119.15 12.40 -35.84 | 129.93 8.33 -69.52 | 139.55 8.99 -73.66 | 161.64 10.58 -89.17 | 168.00 9.85 -101.25 | 156.16 6.92 -109.24 | 142.37 6.57 -97.61 | 136.35 4.94 -103.52 | 135.84 4.82 -103.16 | 141.42 6.76 -94.16 | 155.66 16.45 -48.86 | 206.65 27.99 -10.07 | 207.25 29.69 -2.89 | 186.59 19.91 -52.86 | 173.66 15.56 -63.76 | 157.40 13.58 -74.57 | 150.40 9.57 -89.10 | 134.67 9.32 -72.06 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 127.98 4.18 -75.72 | 127.87 4.20 -71.82 | 123.89 3.26 -80.30 | 125.85 3.08 -82.82 | 123.26 3.32 -77.42 | 127.68 4.53 -65.16 | 112.88 6.17 -35.82 | 125.92 4.32 -69.52 | 135.40 4.83 -73.66 | 156.38 5.32 -89.16 | 160.55 4.95 -98.69 | 149.47 3.48 -105.99 | 134.97 3.29 -93.48 | 129.45 2.51 -99.04 | 128.97 2.45 -98.66 | 133.87 3.40 -89.97 | 143.09 7.86 -44.88 | 185.57 15.18 -1.81 | 190.73 16.06 0.00 | 173.35 10.70 -48.83 | 163.21 8.49 -60.38 | 146.00 6.24 -70.51 | 140.23 4.55 -83.95 | 129.88 4.53 -72.07 |
| MUNSVILLE_WIND_PWR 323609 | 74.85 3.56 -23.21 | 77.71 3.84 -22.02 | 67.97 3.03 -24.62 | 68.42 3.08 -25.39 | 69.53 3.27 -23.74 | 82.55 4.58 -19.98 | 87.48 5.60 -10.98 | 77.20 3.80 -21.31 | 83.70 4.21 -22.58 | 94.11 4.89 -27.34 | 91.83 4.67 -30.26 | 76.02 3.52 -32.50 | 69.80 2.94 -28.66 | 60.52 2.26 -30.37 | 60.34 2.23 -30.25 | 70.91 2.83 -27.58 | 110.43 6.32 -13.76 | 182.12 12.98 -0.55 | 188.65 13.98 0.00 | 136.31 7.51 -14.97 | 119.36 6.50 -18.51 | 95.86 4.99 -21.62 | 80.73 3.26 -25.74 | 78.90 3.52 -22.09 |
| N SALMON___HYD 24042 | 47.89 -0.19 0.00 | 51.96 0.10 0.00 | 40.08 -0.24 0.00 | 39.75 -0.20 0.00 | 42.44 -0.08 0.00 | 57.87 -0.12 0.00 | 71.46 0.56 0.00 | 52.86 0.78 0.00 | 57.64 0.74 0.00 | 62.94 1.05 0.00 | 57.87 0.97 0.00 | 40.37 0.36 0.00 | 38.92 0.72 0.00 | 28.17 0.28 0.00 | 28.11 0.25 0.00 | 41.26 0.77 0.00 | 92.43 2.08 0.00 | 172.96 4.38 0.00 | 179.04 4.37 0.00 | 116.78 2.95 0.00 | 96.60 2.26 0.00 | 70.71 1.46 0.00 | 52.82 1.09 0.00 | 54.30 1.01 0.00 |
| N.E_GEN_SANDY PD 24062 | 141.06 3.75 -89.22 | 140.33 3.84 -84.64 | 137.98 3.03 -94.63 | 140.47 2.91 -97.60 | 136.86 3.10 -91.24 | 137.85 4.29 -75.57 | 138.05 5.53 -61.62 | 138.84 3.91 -82.84 | 152.32 4.44 -90.97 | 171.79 4.83 -105.08 | 177.65 4.44 -116.30 | 168.07 3.16 -124.90 | 151.30 2.94 -110.17 | 146.79 2.18 -116.72 | 146.30 2.17 -116.26 | 149.59 3.08 -106.02 | 183.00 6.78 -85.87 | 211.00 12.81 -29.61 | 206.92 13.45 -18.80 | 188.75 8.77 -66.16 | 177.70 7.17 -76.19 | 157.61 5.26 -83.09 | 154.58 3.93 -98.92 | 142.15 3.94 -84.92 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 124.66 3.46 -73.12 | 124.74 3.53 -69.36 | 120.61 2.74 -77.55 | 122.53 2.60 -79.99 | 120.09 2.81 -74.77 | 124.74 3.83 -62.92 | 110.72 5.25 -34.57 | 122.92 3.70 -67.13 | 132.19 4.15 -71.13 | 152.51 4.52 -86.11 | 156.37 4.15 -95.31 | 145.28 2.92 -102.36 | 131.26 2.79 -90.28 | 125.66 2.12 -95.65 | 125.23 2.09 -95.28 | 130.26 2.88 -86.89 | 140.29 6.59 -43.35 | 183.14 12.81 -1.75 | 188.30 13.63 0.00 | 169.97 8.99 -47.16 | 159.82 7.17 -58.31 | 142.68 5.33 -68.09 | 136.62 3.83 -81.06 | 126.66 3.78 -69.59 |

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|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| NARROWS_GT1_1 24228 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NARROWS_GT1_2 24229 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NARROWS_GT1_3 24230 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NARROWS_GT1_4 24231 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NARROWS_GT1_5 24232 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NARROWS_GT1_6 24233 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NARROWS_GT1_7 24234 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 | | | | | | | | | | |

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|---|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|---------------------------|--------------------------|
| NARROWS_GT2_8 24243 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 135.42 4.76 -82.57 | 135.21 5.03 -78.33 | 131.86 3.95 -87.58 | 134.08 3.80 -90.33 | 131.04 4.08 -84.44 | 134.62 5.57 -71.06 | 116.75 6.81 -39.04 | 132.75 4.84 -75.82 | 142.82 5.58 -80.34 | 165.21 6.07 -97.25 | 170.18 5.63 -107.64 | 159.41 3.80 -115.60 | 143.86 3.70 -101.96 | 138.65 2.73 -108.02 | 138.17 2.70 -107.61 | 142.47 3.85 -98.13 | 147.61 8.31 -48.95 | 187.76 17.20 -1.97 | 192.13 17.46 0.00 | 178.25 11.16 -53.26 | 169.54 9.34 -65.85 | 152.95 6.79 -76.90 | 148.30 5.02 -91.55 | 136.78 4.90 -78.60 |
| NEG CAPITAL___MECHNVIL 23645 | 153.98 4.47 -101.42 | 152.78 4.72 -96.21 | 151.56 3.67 -107.57 | 154.54 3.64 -110.95 | 150.10 3.87 -103.71 | 150.38 5.10 -87.29 | 125.31 6.45 -47.96 | 149.95 4.74 -93.13 | 161.21 5.63 -98.67 | 187.34 6.00 -119.45 | 194.63 5.52 -132.21 | 186.15 4.16 -141.99 | 167.33 3.90 -125.24 | 163.42 2.85 -132.68 | 162.90 2.87 -132.17 | 165.15 4.13 -120.52 | 159.70 9.22 -60.13 | 188.03 17.02 -2.42 | 191.79 17.13 0.00 | 190.17 10.93 -65.42 | 184.57 9.34 -80.88 | 170.43 6.72 -94.45 | 169.15 4.97 -112.45 | 154.72 4.90 -96.54 |
| NEG CENTRAL_HIGH_ACRES 23767 | 54.67 -2.31 -8.89 | 57.65 -2.64 -8.44 | 47.94 -1.81 -9.43 | 47.80 -1.88 -9.73 | 49.49 -2.12 -9.09 | 62.86 -2.78 -7.65 | 71.56 -3.54 -4.20 | 57.07 -3.18 -8.17 | 61.69 -3.87 -8.65 | 68.09 -4.27 -10.47 | 64.69 -3.81 -11.59 | 49.94 -2.52 -12.45 | 46.43 -2.75 -10.98 | 37.63 -1.90 -11.63 | 37.59 -1.87 -11.59 | 47.95 -3.12 -10.57 | 88.39 -7.23 -5.27 | 155.98 -12.82 -0.21 | 161.74 -12.92 0.00 | 110.68 -8.88 -5.74 | 94.36 -7.08 -7.09 | 72.41 -5.12 -8.28 | 57.71 -3.88 -9.86 | 58.29 -3.46 -8.46 |
| NEG CENTRAL___DRP 24199 | 56.57 -1.25 -9.74 | 59.64 -1.45 -9.24 | 49.64 -1.01 -10.33 | 49.61 -1.00 -10.65 | 51.33 -1.15 -9.96 | 64.98 -1.39 -8.38 | 73.88 -1.63 -4.60 | 59.41 -1.61 -8.94 | 64.38 -1.99 -9.47 | 71.13 -2.23 -11.47 | 67.60 -1.99 -12.69 | 52.28 -1.36 -13.63 | 48.69 -1.53 -12.02 | 39.60 -1.03 -12.74 | 39.52 -1.03 -12.69 | 50.24 -1.82 -11.57 | 91.79 -4.34 -5.77 | 161.06 -7.75 -0.23 | 166.99 -7.68 0.00 | 114.75 -5.35 -6.28 | 97.86 -4.24 -7.76 | 75.42 -2.91 -9.07 | 60.36 -2.17 -10.79 | 60.64 -1.92 -9.27 |
| NEG CENTRAL___INDECK 23768 | 60.89 -0.29 -13.10 | 63.71 -0.57 -12.43 | 54.05 -0.16 -13.89 | 54.04 -0.24 -14.33 | 55.53 -0.38 -13.39 | 69.03 -0.23 -11.27 | 77.02 -0.07 -6.19 | 63.17 -0.94 -12.03 | 68.06 -1.59 -12.74 | 75.46 -1.86 -15.43 | 72.33 -1.65 -17.07 | 57.46 -0.88 -18.34 | 53.00 -1.37 -16.17 | 44.19 -0.84 -17.14 | 43.09 -1.84 -17.07 | 52.82 -3.24 -15.57 | 90.07 -8.04 -7.77 | 154.74 -14.16 -0.31 | 160.69 -13.98 0.00 | 112.60 -9.68 -8.45 | 97.43 -7.36 -10.45 | 76.12 -5.33 -12.20 | 64.08 -2.17 -14.52 | 64.37 -1.39 -12.47 |
| NEG CENTRAL___SENECA 23627 | 57.65 -1.30 -10.86 | 60.60 -1.55 -10.31 | 50.80 -1.05 -11.52 | 50.76 -1.08 -11.89 | 52.44 -1.19 -11.11 | 65.89 -1.45 -9.35 | 74.41 -1.63 -5.14 | 60.39 -1.67 -9.98 | 65.31 -2.16 -10.57 | 72.21 -2.48 -12.80 | 68.85 -2.22 -14.16 | 53.74 -1.48 -15.21 | 49.89 -1.72 -13.42 | 40.96 -1.14 -14.21 | 40.85 -1.17 -14.16 | 51.30 -2.11 -12.91 | 91.82 -4.97 -6.44 | 160.07 -8.77 -0.26 | 166.11 -8.55 0.00 | 114.79 -6.04 -7.01 | 98.10 -4.91 -8.66 | 76.05 -3.32 -10.12 | 61.29 -2.48 -12.05 | 61.49 -2.13 -10.34 |
| NEG CENTRAL___STATE_STREET 24147 | 56.91 -0.63 -9.45 | 60.09 -0.73 -8.96 | 49.90 -0.44 -10.02 | 49.81 -0.48 -10.34 | 51.68 -0.51 -9.66 | 65.54 -0.58 -8.13 | 74.73 -0.64 -4.47 | 60.03 -0.73 -8.68 | 65.13 -0.97 -9.19 | 72.03 -0.99 -11.13 | 68.43 -0.80 -12.32 | 52.68 -0.56 -13.23 | 49.14 -0.73 -11.67 | 39.78 -0.47 -12.36 | 39.68 -0.50 -12.31 | 50.75 -0.97 -11.23 | 93.42 -2.53 -5.60 | 164.60 -4.21 -0.23 | 170.66 -4.01 0.00 | 116.96 -2.96 -6.10 | 99.52 -2.35 -7.54 | 76.60 -1.46 -8.80 | 61.02 -1.19 -10.48 | 61.22 -1.07 -8.99 |
| NEG MILLWOOD___DRP 24198 | 130.56 4.76 -77.72 | 130.45 4.87 -73.73 | 126.54 3.79 -82.43 | 128.61 3.64 -85.02 | 125.86 3.87 -79.47 | 130.15 5.28 -66.88 | 114.31 6.66 -36.75 | 128.23 4.79 -71.36 | 138.03 5.52 -75.61 | 159.49 6.07 -91.53 | 163.79 5.58 -101.31 | 152.73 3.92 -108.80 | 137.86 3.70 -95.96 | 132.27 2.70 -101.67 | 131.79 2.65 -101.27 | 136.50 3.65 -92.35 | 145.01 8.59 -46.07 | 187.64 17.20 -1.86 | 192.66 17.99 0.00 | 175.57 11.62 -50.13 | 165.66 9.34 -61.98 | 148.49 6.86 -72.38 | 142.86 4.97 -86.17 | 132.11 4.85 -73.97 |
| NEG NORTH_FLCN_SEA 23793 | 47.99 -0.10 0.00 | 51.96 0.10 0.00 | 40.20 -0.12 0.00 | 39.83 -0.12 0.00 | 42.52 0.00 0.00 | 58.05 0.06 0.00 | 71.46 0.56 0.00 | 52.86 0.78 0.00 | 57.70 0.80 0.00 | 62.94 1.05 0.00 | 57.87 0.97 0.00 | 40.49 0.48 0.00 | 38.84 0.65 0.00 | 28.23 0.34 0.00 | 28.20 0.34 0.00 | 41.35 0.85 0.00 | 92.69 2.35 0.00 | 173.30 4.71 0.00 | 179.55 4.88 0.00 | 117.13 3.30 0.00 | 96.89 2.55 0.00 | 70.85 1.59 0.00 | 52.87 1.14 0.00 | 54.35 1.07 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 47.41 -0.67 0.00 | 51.33 -0.52 0.00 | 39.68 -0.65 0.00 | 39.35 -0.60 0.00 | 41.97 -0.55 0.00 | 57.30 -0.69 0.00 | 70.48 -0.42 0.00 | 52.19 0.10 0.00 | 56.96 0.06 0.00 | 62.14 0.25 0.00 | 57.13 0.23 0.00 | 39.97 -0.04 0.00 | 38.39 0.19 0.00 | 27.86 -0.03 0.00 | 27.86 0.00 0.00 | 40.86 0.36 0.00 | 91.61 1.26 0.00 | 171.27 2.69 0.00 | 177.29 2.62 0.00 | 115.76 1.93 0.00 | 95.76 1.42 0.00 | 70.09 0.83 0.00 | 52.25 0.52 0.00 | 53.71 0.42 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 48.13 0.05 0.00 | 52.06 0.21 0.00 | 40.28 -0.04 0.00 | 39.95 0.00 0.00 | 42.61 0.09 0.00 | 58.22 0.23 0.00 | 71.68 0.78 0.00 | 53.02 0.94 0.00 | 57.87 0.97 0.00 | 63.19 1.30 0.00 | 58.10 1.20 0.00 | 40.61 0.60 0.00 | 38.96 0.76 0.00 | 28.31 0.42 0.00 | 28.28 0.42 0.00 | 41.47 0.97 0.00 | 92.97 2.62 0.00 | 173.98 5.39 0.00 | 180.26 5.59 0.00 | 117.69 3.87 0.00 | 97.27 2.93 0.00 | 71.13 1.87 0.00 | 53.03 1.29 0.00 | 54.51 1.23 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 48.13 0.05 0.00 | 52.06 0.21 0.00 | 40.28 -0.04 0.00 | 39.95 0.00 0.00 | 42.61 0.09 0.00 | 58.22 0.23 0.00 | 71.68 0.78 0.00 | 53.02 0.94 0.00 | 57.87 0.97 0.00 | 63.19 1.30 0.00 | 58.10 1.20 0.00 | 40.61 0.60 0.00 | 38.96 0.76 0.00 | 28.31 0.42 0.00 | 28.28 0.42 0.00 | 41.47 0.97 0.00 | 92.97 2.62 0.00 | 173.98 5.39 0.00 | 180.26 5.59 0.00 | 117.69 3.87 0.00 | 97.27 2.93 0.00 | 71.13 1.87 0.00 | 53.03 1.29 0.00 | 54.51 1.23 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 48.13 0.05 0.00 | 52.06 0.21 0.00 | 40.28 -0.04 0.00 | 39.95 0.00 0.00 | 42.61 0.09 0.00 | 58.22 0.23 0.00 | 71.68 0.78 0.00 | 53.02 0.94 0.00 | 57.87 0.97 0.00 | 63.19 1.30 0.00 | 58.10 1.20 0.00 | 40.61 0.60 0.00 | 38.96 0.76 0.00 | 28.31 0.42 0.00 | 28.28 0.42 0.00 | 41.47 0.97 0.00 | 92.97 2.62 0.00 | 173.98 5.39 0.00 | 180.26 5.59 0.00 | 117.69 3.87 0.00 | 97.27 2.93 0.00 | 71.13 1.87 0.00 | 53.03 1.29 0.00 | 54.51 1.23 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 56.51 -2.98 -11.41 | 59.25 -3.42 -10.83 | 50.05 -2.38 -12.10 | 50.04 -2.40 -12.49 | 51.43 -2.76 -11.67 | 64.33 -3.48 -9.82 | 71.69 -4.61 -5.40 | 57.40 -5.16 -10.48 | 61.58 -6.43 -11.10 | 67.84 -7.49 -13.44 | 65.07 -6.72 -14.88 | 52.18 -3.80 -15.98 | 48.09 -4.20 -14.09 | 40.06 -2.76 -14.93 | 40.06 -2.67 -14.87 | 49.24 -4.82 -13.56 | 84.65 -12.47 -6.77 | 145.25 -23.60 -0.27 | 150.74 -23.92 0.00 | 105.37 -15.82 -7.36 | 90.99 -12.46 -9.10 | 70.61 -9.28 -10.63 | 57.92 -6.47 -12.65 | 59.41 -4.74 -10.86 |

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| NEG WEST___LANCASTR 23811 | 59.71 -1.73 -13.36 | 62.50 -2.02 -12.67 | 53.16 -1.33 -14.17 | 53.17 -1.40 -14.61 | 54.61 -1.57 -13.66 | 67.63 -1.86 -11.50 | 75.09 -2.13 -6.32 | 61.64 -2.71 -12.27 | 66.20 -3.70 -13.00 | 73.23 -4.39 -15.73 | 70.33 -3.98 -17.41 | 56.67 -2.04 -18.70 | 52.21 -2.48 -16.50 | 43.86 -1.51 -17.48 | 43.82 -1.45 -17.41 | 53.37 -3.00 -15.88 | 90.32 -7.95 -7.92 | 153.56 -15.34 -0.32 | 159.47 -15.20 0.00 | 112.31 -10.13 -8.62 | 97.17 -7.83 -10.65 | 75.88 -5.82 -12.44 | 62.56 -3.98 -14.81 | 63.18 -2.83 -12.72 |
| NEG_PENN_ALLEGHNY 23528 | 73.14 0.62 -24.44 | 75.66 0.62 -23.18 | 66.80 0.56 -25.92 | 67.24 0.56 -26.73 | 68.06 0.55 -24.99 | 79.95 0.92 -21.03 | 83.66 1.20 -11.55 | 75.09 0.57 -22.44 | 81.08 0.40 -23.77 | 91.04 0.37 -28.78 | 89.16 0.40 -31.85 | 74.57 0.36 -34.21 | 68.48 0.11 -30.17 | 60.05 0.20 -31.97 | 59.90 0.20 -31.84 | 69.49 -0.04 -29.04 | 104.48 -0.36 -14.49 | 168.00 -1.17 -0.58 | 173.80 -0.87 0.00 | 128.79 -0.79 -15.76 | 113.36 -0.47 -19.49 | 92.08 0.07 -22.76 | 78.88 0.05 -27.09 | 76.87 0.32 -23.26 |
| NEG___GEN_MONROE 24207 | 55.91 -1.54 -9.36 | 58.97 -1.76 -8.88 | 49.20 -1.05 -9.93 | 49.03 -1.16 -10.24 | 50.73 -1.36 -9.57 | 64.49 -1.56 -8.06 | 73.13 -2.20 -4.43 | 58.03 -2.65 -8.60 | 62.60 -3.41 -9.11 | 69.20 -3.71 -11.03 | 65.75 -3.36 -12.21 | 51.08 -2.04 -13.11 | 47.35 -2.41 -11.56 | 38.58 -1.56 -12.25 | 38.50 -1.56 -12.20 | 48.75 -2.87 -11.13 | 88.95 -6.96 -5.55 | 156.51 -12.30 -0.22 | 162.09 -12.58 0.00 | 111.21 -8.66 -6.04 | 95.02 -6.79 -7.47 | 72.92 -5.05 -8.72 | 58.34 -3.77 -10.38 | 59.32 -2.88 -8.91 |
| NEPA___ENERGY 23901 | 61.77 -2.31 -16.00 | 64.44 -2.59 -15.17 | 55.47 -1.81 -16.97 | 55.61 -1.84 -17.50 | 56.84 -2.04 -16.36 | 69.21 -2.55 -13.77 | 75.55 -2.91 -7.56 | 63.65 -3.12 -14.69 | 68.48 -3.98 -15.56 | 75.96 -4.76 -18.84 | 73.38 -4.38 -20.85 | 59.84 -2.56 -22.39 | 55.08 -2.87 -19.75 | 46.98 -1.84 -20.93 | 46.92 -1.78 -20.84 | 56.18 -3.32 -19.01 | 91.43 -8.40 -9.48 | 152.27 -16.69 -0.38 | 158.43 -16.24 0.00 | 113.32 -10.82 -10.32 | 98.61 -8.49 -12.76 | 78.06 -6.09 -14.90 | 65.28 -4.19 -17.73 | 65.26 -3.25 -15.22 |
| NEVERSINK___HYD 23608 | 117.74 1.34 -68.31 | 117.95 1.30 -64.80 | 113.78 1.01 -72.45 | 115.56 0.88 -74.73 | 113.35 0.98 -69.85 | 118.11 1.33 -58.79 | 105.11 1.92 -32.30 | 116.11 1.30 -62.72 | 124.95 1.59 -66.46 | 144.19 1.85 -80.45 | 147.72 1.77 -89.04 | 136.75 1.12 -95.63 | 123.69 1.14 -84.35 | 118.17 0.92 -89.36 | 117.74 0.86 -89.01 | 122.80 1.13 -81.17 | 133.47 2.62 -40.50 | 176.28 6.06 -1.63 | 180.95 6.28 0.00 | 161.86 3.98 -44.06 | 151.93 3.11 -54.47 | 135.15 2.28 -63.62 | 128.97 1.50 -75.73 | 119.64 1.33 -65.02 |
| NEWTON___FALLS_HYD 23847 | 47.56 -0.53 0.00 | 51.75 -0.10 0.00 | 39.76 -0.56 0.00 | 39.39 -0.56 0.00 | 42.05 -0.47 0.00 | 57.30 -0.69 0.00 | 70.69 -0.21 0.00 | 51.98 -0.10 0.00 | 56.57 -0.34 0.00 | 61.83 -0.06 0.00 | 56.96 0.06 0.00 | 39.69 -0.32 0.00 | 38.43 0.23 0.00 | 27.73 -0.17 0.00 | 27.70 -0.17 0.00 | 40.41 -0.08 0.00 | 90.26 0.00 0.00 | 168.58 0.00 0.00 | 174.49 -0.17 0.00 | 113.14 -0.68 0.00 | 94.15 -0.19 0.00 | 69.12 -0.14 0.00 | 51.78 0.05 0.00 | 53.39 0.11 0.00 |
| NIAGARA_115E_LBMP 323715 | 56.44 -3.27 -11.63 | 59.15 -3.73 -11.03 | 50.04 -2.62 -12.34 | 50.08 -2.60 -12.72 | 51.40 -3.02 -11.89 | 64.12 -3.88 -10.01 | 71.37 -5.03 -5.50 | 56.93 -5.83 -10.68 | 60.99 -7.23 -11.32 | 67.30 -8.29 -13.70 | 64.55 -7.51 -15.16 | 51.93 -4.36 -16.28 | 47.82 -4.74 -14.36 | 39.96 -3.15 -15.22 | 39.98 -3.04 -15.16 | 48.97 -5.35 -13.82 | 83.51 -13.73 -6.90 | 143.07 -25.79 -0.28 | 148.46 -26.20 0.00 | 103.91 -17.41 -7.50 | 89.75 -13.87 -9.28 | 69.91 -10.18 -10.83 | 57.44 -7.19 -12.90 | 59.19 -5.17 -11.07 |
| NIAGARA_115W_LBMP 323714 | 56.49 -3.22 -11.63 | 59.20 -3.68 -11.03 | 50.07 -2.58 -12.33 | 50.11 -2.56 -12.72 | 51.47 -2.93 -11.89 | 64.17 -3.83 -10.00 | 71.43 -4.96 -5.50 | 57.08 -5.68 -10.67 | 61.21 -7.00 -11.31 | 67.48 -8.11 -13.69 | 64.72 -7.34 -15.15 | 52.04 -4.24 -16.27 | 47.93 -4.62 -14.35 | 40.06 -3.04 -15.21 | 40.06 -2.95 -15.15 | 49.13 -5.18 -13.81 | 83.87 -13.37 -6.89 | 143.74 -25.12 -0.28 | 149.16 -25.51 0.00 | 104.36 -16.96 -7.50 | 90.12 -13.49 -9.27 | 70.18 -9.91 -10.83 | 57.69 -6.93 -12.89 | 59.24 -5.12 -11.07 |
| NIAGARA_230_LBMP 323716 | 56.36 -3.22 -11.49 | 59.07 -3.68 -10.90 | 49.93 -2.58 -12.19 | 49.93 -2.60 -12.57 | 51.34 -2.93 -11.75 | 64.05 -3.83 -9.89 | 71.37 -4.96 -5.43 | 57.27 -5.36 -10.55 | 61.43 -6.66 -11.18 | 67.75 -7.68 -13.54 | 64.94 -6.94 -14.98 | 52.02 -4.08 -16.09 | 47.96 -4.43 -14.19 | 40.00 -2.93 -15.04 | 40.00 -2.84 -14.98 | 49.17 -4.98 -13.66 | 84.43 -12.74 -6.81 | 144.92 -23.94 -0.27 | 150.39 -24.27 0.00 | 105.07 -16.16 -7.41 | 90.68 -12.83 -9.17 | 70.54 -9.42 -10.70 | 57.85 -6.62 -12.74 | 59.16 -5.06 -10.94 |
| NIAGARA____ 23760 | 56.37 -3.27 -11.56 | 59.14 -3.68 -10.97 | 50.00 -2.58 -12.26 | 50.00 -2.60 -12.64 | 51.36 -2.98 -11.82 | 64.11 -3.83 -9.95 | 71.40 -4.96 -5.47 | 57.12 -5.57 -10.61 | 61.26 -6.89 -11.25 | 67.58 -7.92 -13.61 | 64.74 -7.23 -15.07 | 51.99 -4.20 -16.18 | 47.92 -4.55 -14.27 | 40.00 -3.01 -15.12 | 40.00 -2.93 -15.06 | 49.09 -5.14 -13.74 | 84.10 -13.10 -6.85 | 144.08 -24.78 -0.28 | 149.52 -25.15 0.00 | 104.55 -16.73 -7.46 | 90.26 -13.30 -9.22 | 70.26 -9.76 -10.76 | 57.72 -6.83 -12.82 | 59.17 -5.12 -11.00 |
| NINE_MILE_1 23575 | 50.97 -1.83 -4.71 | 54.30 -2.02 -4.47 | 43.83 -1.49 -5.00 | 43.63 -1.48 -5.15 | 45.77 -1.57 -4.82 | 59.84 -2.20 -4.06 | 70.36 -2.77 -2.23 | 54.22 -2.19 -4.33 | 58.99 -2.50 -4.58 | 64.72 -2.72 -5.55 | 60.60 -2.45 -6.14 | 44.92 -1.68 -6.60 | 42.33 -1.68 -5.82 | 32.89 -1.17 -6.16 | 32.83 -1.17 -6.14 | 44.23 -1.86 -5.60 | 88.81 -4.34 -2.79 | 160.61 -8.09 -0.11 | 166.46 -8.21 0.00 | 111.40 -5.46 -3.04 | 93.67 -4.43 -3.76 | 70.46 -3.18 -4.39 | 54.63 -2.33 -5.22 | 55.48 -2.29 -4.48 |
| NINE_MILE_2 23744 | 50.96 -1.83 -4.70 | 54.29 -2.02 -4.46 | 43.82 -1.49 -4.99 | 43.62 -1.48 -5.14 | 45.76 -1.57 -4.81 | 59.83 -2.20 -4.05 | 70.36 -2.77 -2.22 | 54.21 -2.19 -4.32 | 58.98 -2.50 -4.57 | 64.70 -2.72 -5.54 | 60.59 -2.45 -6.13 | 44.95 -1.64 -6.58 | 42.32 -1.68 -5.81 | 32.87 -1.17 -6.15 | 32.82 -1.17 -6.13 | 44.22 -1.86 -5.59 | 88.80 -4.34 -2.79 | 160.78 -7.92 -0.11 | 166.46 -8.21 0.00 | 111.39 -5.46 -3.03 | 93.66 -4.43 -3.75 | 70.45 -3.18 -4.38 | 54.62 -2.33 -5.21 | 55.47 -2.29 -4.48 |
| NM_CAPITAL___DRP 24208 | 148.89 3.32 -97.49 | 147.86 3.53 -92.48 | 146.50 2.78 -103.40 | 149.32 2.72 -106.65 | 145.10 2.89 -99.69 | 145.84 3.95 -83.90 | 121.88 4.89 -46.10 | 145.09 3.49 -89.51 | 155.85 4.10 -94.85 | 181.10 4.39 -114.81 | 188.03 4.04 -127.08 | 179.45 2.96 -136.48 | 161.32 2.75 -120.38 | 157.46 2.04 -127.53 | 156.97 2.06 -127.04 | 159.26 2.92 -115.85 | 154.20 6.05 -57.80 | 182.21 11.30 -2.33 | 186.19 11.53 0.00 | 184.10 7.39 -62.88 | 178.31 6.23 -77.74 | 164.62 4.57 -90.79 | 163.44 3.62 -108.09 | 149.65 3.57 -92.79 |
| NM_CENTRAL___DRP 24181 | 53.50 -0.82 -6.24 | 56.84 -0.93 -5.92 | 46.29 -0.65 -6.62 | 46.13 -0.64 -6.82 | 48.18 -0.72 -6.38 | 62.43 -0.93 -5.37 | 72.64 -1.21 -2.95 | 56.77 -1.04 -5.73 | 61.72 -1.25 -6.07 | 67.87 -1.36 -7.35 | 63.84 -1.20 -8.13 | 47.94 -0.80 -8.73 | 44.98 -0.92 -7.70 | 35.47 -0.59 -8.16 | 35.41 -0.59 -8.13 | 46.82 -1.09 -7.41 | 91.42 -2.62 -3.70 | 164.19 -4.54 -0.15 | 170.13 -4.54 0.00 | 114.66 -3.19 -4.02 | 96.68 -2.64 -4.97 | 73.34 -1.73 -5.81 | 57.30 -1.35 -6.92 | 58.00 -1.22 -5.94 |
| NM_FRONTIER___DRP 24179 | 56.49 -3.22 -11.63 | 59.20 -3.68 -11.03 | 50.07 -2.58 -12.33 | 50.11 -2.56 -12.72 | 51.47 -2.93 -11.89 | 64.17 -3.83 -10.00 | 71.43 -4.96 -5.50 | 57.08 -5.68 -10.67 | 61.21 -7.00 -11.31 | 67.48 -8.11 -13.69 | 64.72 -7.34 -15.15 | 52.04 -4.24 -16.27 | 47.93 -4.62 -14.35 | 40.06 -3.04 -15.21 | 40.06 -2.95 -15.15 | 49.13 -5.18 -13.81 | 83.87 -13.37 -6.89 | 143.74 -25.12 -0.28 | 149.16 -25.51 0.00 | 104.36 -16.96 -7.50 | 90.12 -13.49 -9.27 | 70.18 -9.91 -10.83 | 57.69 -6.93 -12.89 | 59.24 -5.12 -11.07 |

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|--------------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| NM_ST_REGIS___HYD 24053 | 47.36 -0.72 0.00 | 51.70 -0.16 0.00 | 39.52 -0.81 0.00 | 39.19 -0.76 0.00 | 41.92 -0.60 0.00 | 57.12 -0.87 0.00 | 70.83 -0.07 0.00 | 52.24 0.16 0.00 | 56.79 -0.11 0.00 | 62.08 0.19 0.00 | 57.08 0.17 0.00 | 39.53 -0.48 0.00 | 38.54 0.34 0.00 | 27.67 -0.22 0.00 | 27.61 -0.25 0.00 | 40.62 0.12 0.00 | 90.89 0.55 0.00 | 169.60 1.02 0.00 | 175.37 0.70 0.00 | 114.17 0.34 0.00 | 94.72 0.38 0.00 | 69.46 0.21 0.00 | 52.14 0.41 0.00 | 53.76 0.48 0.00 |
| NORTHPORT___1 23551 | 128.41 4.62 -75.71 | 127.77 4.10 -71.82 | 124.13 3.51 -80.30 | 125.26 2.48 -82.83 | 123.13 3.19 -77.42 | 126.45 3.30 -65.16 | 113.97 7.24 -35.84 | 126.19 4.58 -69.52 | 135.35 4.78 -73.66 | 157.00 5.94 -89.17 | 163.45 5.69 -100.85 | 152.74 4.00 -108.74 | 138.95 3.78 -96.97 | 133.59 2.87 -102.83 | 133.14 2.81 -102.47 | 137.94 3.93 -93.51 | 147.91 9.31 -48.25 | 195.76 18.38 -8.80 | 196.50 19.39 -2.44 | 178.92 12.86 -52.24 | 167.58 10.00 -63.24 | 150.75 7.55 -73.94 | 145.47 5.43 -88.30 | 130.52 5.17 -72.06 |
| NORTHPORT___2 23552 | 128.41 4.62 -75.71 | 127.77 4.10 -71.82 | 124.13 3.51 -80.30 | 125.26 2.48 -82.83 | 123.13 3.19 -77.42 | 126.45 3.30 -65.16 | 113.97 7.24 -35.84 | 126.19 4.58 -69.52 | 135.35 4.78 -73.66 | 157.00 5.94 -89.17 | 163.45 5.69 -100.85 | 152.74 4.00 -108.74 | 138.95 3.78 -96.97 | 133.59 2.87 -102.83 | 133.14 2.81 -102.47 | 137.94 3.93 -93.51 | 147.91 9.31 -48.25 | 195.76 18.38 -8.80 | 196.50 19.39 -2.44 | 178.92 12.86 -52.24 | 167.58 10.00 -63.24 | 150.75 7.55 -73.94 | 145.47 5.43 -88.30 | 130.52 5.17 -72.06 |
| NORTHPORT___3 23553 | 127.20 3.41 -75.70 | 126.57 2.90 -71.82 | 123.20 2.58 -80.29 | 124.37 1.60 -82.82 | 122.19 2.25 -77.42 | 125.34 2.20 -65.15 | 112.33 5.60 -35.83 | 125.08 3.49 -69.51 | 134.03 3.47 -73.65 | 155.51 4.46 -89.16 | 162.10 4.38 -100.81 | 151.77 3.08 -108.69 | 138.01 2.90 -96.91 | 132.86 2.20 -102.76 | 132.44 2.17 -102.40 | 136.94 3.00 -93.45 | 145.59 7.05 -48.19 | 191.09 13.83 -8.68 | 191.90 14.84 -2.40 | 175.79 9.79 -52.18 | 165.17 7.64 -63.18 | 148.82 5.68 -73.88 | 144.10 4.14 -88.23 | 129.23 3.89 -72.06 |
| NORTHPORT___4 23650 | 127.20 3.41 -75.70 | 126.57 2.90 -71.82 | 123.20 2.58 -80.29 | 124.37 1.60 -82.82 | 122.19 2.25 -77.42 | 125.34 2.20 -65.15 | 112.33 5.60 -35.83 | 125.08 3.49 -69.51 | 134.03 3.47 -73.65 | 155.51 4.46 -89.16 | 162.10 4.38 -100.81 | 151.77 3.08 -108.69 | 138.01 2.90 -96.91 | 132.86 2.20 -102.76 | 132.44 2.17 -102.40 | 136.94 3.00 -93.45 | 145.59 7.05 -48.19 | 191.09 13.83 -8.68 | 191.90 14.84 -2.40 | 175.79 9.79 -52.18 | 165.17 7.64 -63.18 | 148.82 5.68 -73.88 | 144.10 4.14 -88.23 | 129.23 3.89 -72.06 |
| NORTHPORT___IC 23718 | 128.41 4.62 -75.71 | 127.77 4.10 -71.82 | 124.13 3.51 -80.30 | 125.26 2.48 -82.83 | 123.13 3.19 -77.42 | 126.45 3.30 -65.16 | 113.97 7.24 -35.84 | 126.19 4.58 -69.52 | 135.35 4.78 -73.66 | 157.00 5.94 -89.17 | 163.45 5.69 -100.85 | 152.74 4.00 -108.74 | 138.95 3.78 -96.97 | 133.59 2.87 -102.83 | 133.14 2.81 -102.47 | 137.94 3.93 -93.51 | 147.91 9.31 -48.25 | 195.76 18.38 -8.80 | 196.50 19.39 -2.44 | 178.92 12.86 -52.24 | 167.58 10.00 -63.24 | 150.75 7.55 -73.94 | 145.47 5.43 -88.30 | 130.52 5.17 -72.06 |
| NPX_GEN_1385_PROXY 323591 | 128.41 4.62 -75.71 | 127.77 4.10 -71.82 | 124.13 3.51 -80.30 | 125.26 2.48 -82.83 | 123.13 3.19 -77.42 | 125.23 3.30 -63.94 | 114.27 7.24 -36.13 | 127.11 4.58 -70.44 | 135.35 4.78 -73.66 | 157.00 5.94 -89.17 | 163.45 5.69 -100.85 | 152.74 4.00 -108.74 | 138.95 3.78 -96.97 | 133.59 2.87 -102.83 | 133.14 2.81 -102.47 | 137.94 3.93 -93.51 | 149.11 9.31 -49.45 | 194.56 18.38 -7.60 | 196.50 19.39 -2.44 | 178.92 12.86 -52.24 | 167.58 10.00 -63.24 | 150.75 7.55 -73.94 | 145.47 5.43 -88.30 | 130.52 5.17 -72.06 |
| NPX_GEN_CSC 323557 | 129.18 5.38 -75.71 | 128.50 4.82 -71.82 | 124.66 4.03 -80.30 | 125.78 3.00 -82.83 | 123.64 3.70 -77.42 | 125.82 3.89 -63.94 | 115.26 8.22 -36.14 | 127.78 5.26 -70.44 | 136.08 5.52 -73.66 | 157.87 6.81 -89.17 | 164.56 6.43 -101.23 | 153.74 4.52 -109.22 | 140.05 4.28 -97.58 | 134.61 3.23 -103.49 | 134.17 3.18 -103.13 | 139.08 4.45 -94.13 | 151.22 10.84 -50.04 | 198.65 21.24 -8.82 | 200.08 22.54 -2.87 | 181.68 15.02 -52.83 | 169.68 11.60 -63.74 | 152.74 8.94 -74.54 | 147.11 6.31 -89.06 | 131.32 5.97 -72.06 |
| NSINS_S_GLNS_FALLS 23858 | 153.62 4.71 -100.83 | 152.43 4.93 -95.65 | 151.13 3.87 -106.94 | 154.09 3.84 -110.30 | 149.67 4.04 -103.11 | 150.10 5.33 -86.77 | 125.45 6.88 -47.67 | 149.71 5.05 -92.58 | 161.09 6.09 -98.10 | 187.13 6.50 -118.75 | 194.31 5.97 -131.44 | 185.64 4.48 -141.15 | 166.86 4.16 -124.50 | 162.83 3.04 -131.90 | 162.35 3.09 -131.39 | 164.77 4.45 -119.82 | 160.24 10.12 -59.78 | 189.87 18.88 -2.41 | 193.37 18.70 0.00 | 190.81 11.95 -65.03 | 184.94 10.19 -80.41 | 170.43 7.27 -93.90 | 168.80 5.28 -111.79 | 154.42 5.17 -95.97 |
| NUCOR_STEEL___DRP 24197 | 56.41 -0.72 -9.04 | 59.55 -0.88 -8.58 | 49.39 -0.53 -9.59 | 49.28 -0.56 -9.89 | 51.13 -0.64 -9.25 | 65.02 -0.76 -7.78 | 74.25 -0.92 -4.28 | 59.45 -0.94 -8.30 | 64.50 -1.20 -8.80 | 71.24 -1.30 -10.65 | 67.56 -1.14 -11.79 | 51.91 -0.76 -12.66 | 48.44 -0.92 -11.17 | 39.11 -0.61 -11.83 | 39.03 -0.61 -11.78 | 50.11 -1.13 -10.75 | 92.91 -2.80 -5.36 | 164.08 -4.72 -0.22 | 169.96 -4.71 0.00 | 116.24 -3.41 -5.83 | 98.82 -2.74 -7.21 | 76.01 -1.66 -8.42 | 60.47 -1.29 -10.03 | 60.72 -1.17 -8.61 |
| NYISO_LBMP_REFERENCE 24008 | 48.08 0.00 0.00 | 51.85 0.00 0.00 | 40.32 0.00 0.00 | 39.95 0.00 0.00 | 42.52 0.00 0.00 | 57.99 0.00 0.00 | 70.90 0.00 0.00 | 52.08 0.00 0.00 | 56.90 0.00 0.00 | 61.89 0.00 0.00 | 56.90 0.00 0.00 | 40.01 0.00 0.00 | 38.19 0.00 0.00 | 27.89 0.00 0.00 | 27.86 0.00 0.00 | 40.50 0.00 0.00 | 90.35 0.00 0.00 | 168.58 0.00 0.00 | 174.67 0.00 0.00 | 113.82 0.00 0.00 | 94.34 0.00 0.00 | 69.26 0.00 0.00 | 51.73 0.00 0.00 | 53.29 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 128.99 5.19 -75.71 | 128.35 4.67 -71.83 | 124.58 3.95 -80.30 | 125.66 2.88 -82.83 | 123.56 3.61 -77.42 | 127.04 3.89 -65.16 | 114.76 8.01 -35.85 | 126.81 5.21 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 165.03 6.37 -101.76 | 154.37 4.48 -109.89 | 140.87 4.24 -98.43 | 135.51 3.21 -104.41 | 135.10 3.18 -104.06 | 139.91 4.41 -95.00 | 150.58 10.57 -49.66 | 201.05 20.73 -11.73 | 200.15 22.01 -3.47 | 182.06 14.57 -53.66 | 170.09 11.32 -64.44 | 153.15 8.52 -75.38 | 147.96 6.10 -90.13 | 131.16 5.81 -72.06 |
| NYPA_GOWANUS___GT5 24156 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NYPA_GOWANUS___GT6 24157 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |
| NYPA_HARLEM__RVR__GT1 24160 | 128.37 4.57 -75.71 | 128.55 4.87 -71.83 | 124.46 3.83 -80.30 | 126.38 3.60 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.87 6.17 -35.80 | 125.70 4.11 -69.50 | 134.93 4.38 -73.65 | 155.93 4.89 -89.15 | 160.14 4.55 -98.68 | 149.22 3.24 -105.98 | 134.72 3.06 -93.47 | 129.29 2.37 -99.03 | 128.82 2.31 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.68 15.02 0.01 | 172.89 10.25 -48.82 | 162.63 7.93 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.15 4.80 -72.07 |

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| NYPA_HARLEM__RVR_GT2 24161 | 128.37 4.57 -75.71 | 128.55 4.87 -71.83 | 124.46 3.83 -80.30 | 126.38 3.60 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.87 6.17 -35.80 | 125.70 4.11 -69.50 | 134.93 4.38 -73.65 | 155.93 4.89 -89.15 | 160.14 4.55 -98.68 | 149.22 3.24 -105.98 | 134.72 3.06 -93.47 | 129.29 2.37 -99.03 | 128.82 2.31 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.68 15.02 0.01 | 172.89 10.25 -48.82 | 162.63 7.93 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.15 4.80 -72.07 |
| NYPA_KENT____GT 24152 | 128.31 4.52 -75.71 | 128.28 4.61 -71.82 | 124.20 3.59 -80.29 | 126.13 3.36 -82.82 | 123.51 3.57 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.34 4.78 -73.65 | 156.37 5.32 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.89 15.50 -1.81 | 191.27 16.60 0.00 | 173.69 11.04 -48.83 | 163.49 8.78 -60.37 | 146.20 6.44 -70.50 | 140.38 4.71 -83.94 | 130.15 4.80 -72.07 |
| NYPA_POUCH1____GT 24155 | 128.37 4.57 -75.71 | 128.28 4.61 -71.82 | 124.20 3.59 -80.29 | 126.13 3.36 -82.82 | 123.51 3.57 -77.42 | 127.91 4.76 -65.16 | 112.88 6.17 -35.81 | 125.71 4.11 -69.51 | 135.11 4.55 -73.65 | 156.12 5.08 -89.16 | 160.37 4.78 -98.69 | 149.35 3.36 -105.98 | 134.84 3.17 -93.48 | 129.36 2.43 -99.04 | 128.88 2.37 -98.65 | 133.70 3.24 -89.96 | 142.82 7.59 -44.88 | 185.57 15.18 -1.81 | 191.08 16.41 0.00 | 173.69 11.04 -48.83 | 163.39 8.67 -60.37 | 146.20 6.44 -70.50 | 140.43 4.76 -83.94 | 130.20 4.85 -72.07 |
| NYPA_VERNON____GT2 24162 | 128.22 4.42 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.10 6.38 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.30 8.58 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 130.04 4.69 -72.07 |
| NYPA_VERNON____GT3 24163 | 128.22 4.42 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.10 6.38 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.30 8.58 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 130.04 4.69 -72.07 |
| NYPA__ASTORIA_CC1 323568 | 128.17 4.38 -75.71 | 128.13 4.46 -71.82 | 124.12 3.51 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| NYPA__ASTORIA_CC2 323569 | 128.17 4.38 -75.71 | 128.13 4.46 -71.82 | 124.12 3.51 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.02 6.31 -35.81 | 125.87 4.27 -69.51 | 135.28 4.72 -73.65 | 156.31 5.26 -89.16 | 160.49 4.89 -98.69 | 149.43 3.44 -105.98 | 134.92 3.24 -93.48 | 129.41 2.48 -99.04 | 128.94 2.42 -98.65 | 133.78 3.32 -89.96 | 142.91 7.68 -44.88 | 185.39 15.00 -1.81 | 190.56 15.89 0.00 | 173.24 10.59 -48.83 | 163.11 8.39 -60.37 | 145.92 6.16 -70.50 | 140.17 4.50 -83.94 | 129.99 4.63 -72.07 |
| NYPA__HOLTSVILL 23794 | 128.65 4.85 -75.71 | 127.98 4.30 -71.82 | 124.26 3.63 -80.30 | 125.38 2.60 -82.83 | 123.22 3.27 -77.42 | 126.57 3.42 -65.16 | 114.25 7.51 -35.84 | 126.34 4.74 -69.52 | 135.57 5.01 -73.66 | 157.25 6.19 -89.17 | 163.96 5.86 -101.20 | 153.30 4.12 -109.17 | 139.66 3.93 -97.53 | 134.28 2.96 -103.43 | 133.86 2.92 -103.07 | 138.62 4.05 -94.08 | 148.98 9.85 -48.78 | 197.87 19.38 -9.91 | 198.10 20.60 -2.83 | 180.37 13.77 -52.78 | 168.60 10.56 -63.69 | 151.77 8.03 -74.49 | 146.42 5.69 -89.00 | 130.73 5.38 -72.06 |
| NYPA____HELLGATE_GT1 24158 | 128.37 4.57 -75.71 | 128.55 4.87 -71.83 | 124.46 3.83 -80.30 | 126.38 3.60 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.87 6.17 -35.80 | 125.70 4.11 -69.50 | 134.93 4.38 -73.65 | 155.93 4.89 -89.15 | 160.14 4.55 -98.68 | 149.22 3.24 -105.98 | 134.72 3.06 -93.47 | 129.29 2.37 -99.03 | 128.82 2.31 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.68 15.02 0.01 | 172.89 10.25 -48.82 | 162.63 7.93 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.16 4.80 -72.08 |
| NYPA____HELLGATE_GT2 24159 | 128.37 4.57 -75.71 | 128.55 4.87 -71.83 | 124.46 3.83 -80.30 | 126.38 3.60 -82.83 | 123.77 3.83 -77.42 | 128.02 4.87 -65.16 | 112.87 6.17 -35.80 | 125.70 4.11 -69.50 | 134.93 4.38 -73.65 | 155.93 4.89 -89.15 | 160.14 4.55 -98.68 | 149.22 3.24 -105.98 | 134.72 3.06 -93.47 | 129.29 2.37 -99.03 | 128.82 2.31 -98.65 | 133.61 3.16 -89.96 | 142.45 7.23 -44.87 | 184.37 13.98 -1.80 | 189.68 15.02 0.01 | 172.89 10.25 -48.82 | 162.63 7.93 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 130.16 4.80 -72.08 |
| NYS_BARGE__HYD 23848 | 56.62 -2.79 -11.32 | 59.38 -3.21 -10.74 | 50.11 -2.22 -12.01 | 50.10 -2.24 -12.39 | 51.50 -2.60 -11.58 | 64.49 -3.25 -9.74 | 72.00 -4.25 -5.35 | 57.48 -5.00 -10.40 | 61.66 -6.26 -11.02 | 67.98 -7.24 -13.33 | 65.18 -6.49 -14.76 | 52.22 -3.64 -15.85 | 48.09 -4.09 -13.98 | 40.05 -2.65 -14.81 | 40.05 -2.56 -14.75 | 49.29 -4.66 -13.45 | 84.96 -12.10 -6.71 | 146.09 -22.76 -0.27 | 151.61 -23.06 0.00 | 105.76 -15.37 -7.30 | 91.30 -12.08 -9.03 | 70.80 -9.00 -10.54 | 57.97 -6.31 -12.55 | 59.53 -4.53 -10.78 |
| O.H_GEN_BRUCE 24063 | 57.88 -2.98 -12.78 | 60.55 -3.42 -12.12 | 51.50 -2.38 -13.55 | 51.53 -2.40 -13.98 | 52.87 -2.72 -13.07 | 64.29 -3.48 -9.78 | 72.77 -4.46 -6.34 | 60.00 -4.74 -12.66 | 63.48 -5.86 -12.43 | 70.13 -6.81 -15.05 | 67.36 -6.20 -16.66 | 54.22 -3.68 -17.89 | 50.00 -3.97 -15.78 | 41.99 -2.62 -16.72 | 41.98 -2.54 -16.65 | 51.18 -4.50 -15.18 | 87.74 -11.39 -8.78 | 129.00 -21.75 17.84 | 127.75 -21.84 25.08 | 107.49 -14.57 -8.24 | 93.02 -11.51 -10.19 | 72.77 -8.38 -11.90 | 60.00 -5.90 -14.17 | 60.92 -4.53 -12.16 |
| OAK_ORCHARD__HYD 24046 | 55.66 -1.68 -9.27 | 58.62 -2.02 -8.79 | 48.82 -1.33 -9.83 | 48.69 -1.40 -10.14 | 50.38 -1.62 -9.48 | 63.93 -2.03 -7.97 | 72.59 -2.69 -4.38 | 57.78 -2.81 -8.51 | 62.34 -3.58 -9.01 | 68.78 -4.02 -10.91 | 65.34 -3.64 -12.08 | 50.74 -2.24 -12.97 | 47.11 -2.52 -11.44 | 38.31 -1.70 -12.12 | 38.27 -1.67 -12.07 | 48.55 -2.95 -11.01 | 88.70 -7.14 -5.49 | 156.16 -12.65 -0.22 | 162.09 -12.58 0.00 | 111.14 -8.66 -5.98 | 94.94 -6.79 -7.39 | 72.83 -5.05 -8.63 | 58.33 -3.67 -10.27 | 59.12 -2.98 -8.82 |
| OCC_CHEM__DRP 24175 | 56.60 -3.12 -11.64 | 59.32 -3.58 -11.04 | 50.17 -2.50 -12.35 | 50.17 -2.52 -12.74 | 51.58 -2.85 -11.90 | 64.30 -3.71 -10.02 | 71.58 -4.82 -5.50 | 57.25 -5.52 -10.69 | 61.34 -6.89 -11.33 | 67.68 -7.92 -13.71 | 64.91 -7.17 -15.18 | 52.18 -4.12 -16.30 | 48.06 -4.51 -14.37 | 40.16 -2.96 -15.23 | 40.16 -2.87 -15.17 | 49.23 -5.10 -13.83 | 84.15 -13.10 -6.90 | 144.24 -24.62 -0.28 | 149.69 -24.98 0.00 | 104.71 -16.62 -7.51 | 90.42 -13.21 -9.28 | 70.40 -9.70 -10.84 | 57.86 -6.77 -12.91 | 59.36 -5.01 -11.08 |
| OLIN_CORP_DRP 24177 | 56.63 -3.17 -11.72 | 59.34 -3.63 -11.12 | 50.22 -2.54 -12.43 | 50.26 -2.52 -12.82 | 51.61 -2.89 -11.99 | 64.31 -3.77 -10.09 | 71.55 -4.89 -5.54 | 57.22 -5.63 -10.76 | 61.31 -7.00 -11.40 | 67.65 -8.04 -13.81 | 64.90 -7.28 -15.28 | 52.22 -4.20 -16.41 | 48.09 -4.58 -14.47 | 40.19 -3.04 -15.34 | 40.21 -2.93 -15.28 | 49.24 -5.18 -13.93 | 83.93 -13.37 -6.95 | 143.74 -25.12 -0.28 | 149.16 -25.51 0.00 | 104.42 -16.96 -7.56 | 90.20 -13.49 -9.35 | 70.27 -9.91 -10.92 | 57.74 -6.98 -13.00 | 59.38 -5.06 -11.16 |

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| OLIN_CORP_DSASP 323712 | 56.60 -3.12 -11.64 | 59.32 -3.58 -11.04 | 50.17 -2.50 -12.35 | 50.17 -2.52 -12.74 | 51.58 -2.85 -11.90 | 64.30 -3.71 -10.02 | 71.58 -4.82 -5.50 | 57.25 -5.52 -10.69 | 61.34 -6.89 -11.33 | 67.68 -7.92 -13.71 | 64.91 -7.17 -15.18 | 52.18 -4.12 -16.30 | 48.06 -4.51 -14.37 | 40.16 -2.96 -15.23 | 40.16 -2.87 -15.17 | 49.23 -5.10 -13.83 | 84.15 -13.10 -6.90 | 144.24 -24.62 -0.28 | 149.69 -24.98 0.00 | 104.71 -16.62 -7.51 | 90.42 -13.21 -9.28 | 70.40 -9.70 -10.84 | 57.86 -6.77 -12.91 | 59.36 -5.01 -11.08 |
| ONEIDA_HERK_LFGE 323681 | 49.14 1.06 0.00 | 52.99 1.14 0.00 | 41.17 0.85 0.00 | 40.83 0.88 0.00 | 43.45 0.93 0.00 | 59.21 1.22 0.00 | 72.46 1.56 0.00 | 53.18 1.10 0.00 | 58.10 1.20 0.00 | 63.37 1.48 0.00 | 58.38 1.48 0.00 | 41.13 1.12 0.00 | 39.23 1.03 0.00 | 28.62 0.72 0.00 | 28.59 0.72 0.00 | 41.43 0.93 0.00 | 92.51 2.16 0.00 | 172.96 4.38 0.00 | 179.20 4.53 0.00 | 116.10 2.28 0.00 | 96.51 2.17 0.00 | 70.85 1.59 0.00 | 52.77 1.03 0.00 | 54.35 1.07 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 55.48 -0.48 -7.88 | 58.75 -0.57 -7.47 | 48.31 -0.36 -8.35 | 48.21 -0.36 -8.62 | 50.15 -0.43 -8.05 | 64.25 -0.52 -6.78 | 73.99 -0.64 -3.72 | 58.69 -0.62 -7.23 | 63.77 -0.80 -7.66 | 70.30 -0.87 -9.28 | 66.43 -0.74 -10.27 | 50.56 -0.48 -11.03 | 47.31 -0.61 -9.73 | 37.81 -0.39 -10.30 | 37.74 -0.39 -10.26 | 49.09 -0.77 -9.36 | 93.12 -1.90 -4.67 | 165.56 -3.21 -0.19 | 171.53 -3.14 0.00 | 116.63 -2.28 -5.08 | 98.74 -1.89 -6.28 | 75.41 -1.18 -7.34 | 59.53 -0.93 -8.73 | 59.93 -0.85 -7.50 |
| ONONDAGA___COGEN 23986 | 54.79 -0.82 -7.52 | 58.06 -0.93 -7.14 | 47.70 -0.60 -7.98 | 47.54 -0.64 -8.23 | 49.53 -0.68 -7.69 | 63.53 -0.93 -6.47 | 73.25 -1.21 -3.56 | 57.89 -1.10 -6.91 | 62.92 -1.31 -7.32 | 69.33 -1.42 -8.86 | 65.46 -1.25 -9.81 | 49.70 -0.84 -10.53 | 46.53 -0.95 -9.29 | 37.09 -0.64 -9.84 | 37.03 -0.64 -9.80 | 48.30 -1.13 -8.94 | 92.10 -2.71 -4.46 | 164.04 -4.72 -0.18 | 169.96 -4.71 0.00 | 115.37 -3.30 -4.85 | 97.70 -2.64 -6.00 | 74.53 -1.73 -7.01 | 58.78 -1.29 -8.34 | 59.22 -1.22 -7.16 |
| ONTARIO___LFGE 23819 | 57.65 -1.30 -10.86 | 60.60 -1.55 -10.31 | 50.80 -1.05 -11.52 | 50.76 -1.08 -11.89 | 52.44 -1.19 -11.11 | 65.89 -1.45 -9.35 | 74.41 -1.63 -5.14 | 60.39 -1.67 -9.98 | 65.31 -2.16 -10.57 | 72.21 -2.48 -12.80 | 68.85 -2.22 -14.16 | 53.74 -1.48 -15.21 | 49.89 -1.72 -13.42 | 40.96 -1.14 -14.21 | 40.85 -1.17 -14.16 | 51.30 -2.11 -12.91 | 91.82 -4.97 -6.44 | 160.07 -8.77 -0.26 | 166.11 -8.55 0.00 | 114.79 -6.04 -7.01 | 98.10 -4.91 -8.66 | 76.05 -3.32 -10.12 | 61.29 -2.48 -12.05 | 61.49 -2.13 -10.34 |
| ORANGEVILLE_WT_PWR 323706 | 60.34 -1.63 -13.89 | 63.11 -1.92 -13.18 | 53.77 -1.29 -14.74 | 53.87 -1.28 -15.20 | 55.24 -1.49 -14.21 | 68.15 -1.80 -11.96 | 75.27 -2.20 -6.57 | 61.92 -2.92 -12.76 | 66.61 -3.81 -13.52 | 73.74 -4.52 -16.36 | 70.98 -4.04 -18.11 | 57.26 -2.20 -19.45 | 52.75 -2.60 -17.16 | 44.42 -1.65 -18.18 | 44.35 -1.62 -18.11 | 53.85 -3.16 -16.51 | 90.37 -8.22 -8.24 | 153.41 -15.51 -0.33 | 159.12 -15.55 0.00 | 112.31 -10.47 -8.96 | 97.21 -8.21 -11.08 | 76.24 -5.96 -12.94 | 63.00 -4.14 -15.40 | 63.58 -2.93 -13.22 |
| OSWEGATCHIE___HYD 24044 | 47.56 -0.53 0.00 | 51.75 -0.10 0.00 | 39.76 -0.56 0.00 | 39.39 -0.56 0.00 | 42.05 -0.47 0.00 | 57.30 -0.69 0.00 | 70.69 -0.21 0.00 | 51.98 -0.10 0.00 | 56.57 -0.34 0.00 | 61.83 -0.06 0.00 | 56.96 0.06 0.00 | 39.69 -0.32 0.00 | 38.43 0.23 0.00 | 27.73 -0.17 0.00 | 27.70 -0.17 0.00 | 40.41 -0.08 0.00 | 90.26 -0.09 0.00 | 168.58 0.00 0.00 | 174.49 -0.17 0.00 | 113.14 -0.68 0.00 | 94.15 -0.19 0.00 | 69.12 -0.14 0.00 | 51.78 0.05 0.00 | 53.39 0.11 0.00 |
| OSWEGO___5 23606 | 52.05 -1.44 -5.41 | 55.37 -1.61 -5.13 | 44.89 -1.17 -5.74 | 44.71 -1.16 -5.92 | 46.78 -1.27 -5.53 | 60.91 -1.74 -4.65 | 71.26 -2.20 -2.56 | 55.28 -1.77 -4.97 | 60.12 -2.05 -5.26 | 65.97 -2.29 -6.37 | 61.91 -2.05 -7.05 | 46.22 -1.36 -7.57 | 43.46 -1.41 -6.68 | 33.99 -0.98 -7.08 | 33.93 -0.98 -7.05 | 45.34 -1.58 -6.43 | 89.85 -3.71 -3.21 | 161.97 -6.75 -0.13 | 167.68 -6.99 0.00 | 112.64 -4.67 -3.49 | 94.88 -3.78 -4.31 | 71.66 -2.63 -5.04 | 55.76 -1.97 -6.00 | 56.57 -1.87 -5.15 |
| OSWEGO___6 23613 | 52.05 -1.44 -5.41 | 55.37 -1.61 -5.13 | 44.89 -1.17 -5.74 | 44.71 -1.16 -5.92 | 46.78 -1.27 -5.53 | 60.91 -1.74 -4.65 | 71.26 -2.20 -2.56 | 55.28 -1.77 -4.97 | 60.12 -2.05 -5.26 | 65.97 -2.29 -6.37 | 61.91 -2.05 -7.05 | 46.22 -1.36 -7.57 | 43.46 -1.41 -6.68 | 33.99 -0.98 -7.08 | 33.93 -0.98 -7.05 | 45.34 -1.58 -6.43 | 89.85 -3.71 -3.21 | 161.97 -6.75 -0.13 | 167.68 -6.99 0.00 | 112.64 -4.67 -3.49 | 94.88 -3.78 -4.31 | 71.66 -2.63 -5.04 | 55.76 -1.97 -6.00 | 56.57 -1.87 -5.15 |
| OUTOKUMPU-AB___DRP 24206 | 57.81 -2.11 -11.84 | 60.60 -2.49 -11.23 | 51.23 -1.65 -12.56 | 51.23 -1.68 -12.95 | 52.67 -1.96 -12.11 | 65.75 -2.43 -10.19 | 73.38 -3.12 -5.60 | 58.74 -4.22 -10.87 | 62.96 -5.46 -11.52 | 69.52 -6.31 -13.94 | 66.70 -5.63 -15.43 | 53.62 -2.96 -16.58 | 49.38 -3.44 -14.62 | 41.21 -2.18 -15.49 | 41.20 -2.09 -15.43 | 50.56 -4.01 -14.07 | 86.80 -10.57 -7.02 | 149.14 -19.72 -0.28 | 154.59 -20.08 0.00 | 108.14 -13.32 -7.64 | 93.59 -10.19 -9.44 | 72.59 -7.69 -11.03 | 59.53 -5.33 -13.13 | 60.82 -3.73 -11.27 |
| OXBOW___ 24026 | 57.32 -2.50 -11.74 | 60.08 -2.90 -11.13 | 50.79 -1.97 -12.45 | 50.79 -2.00 -12.84 | 52.22 -2.30 -12.00 | 65.19 -2.90 -10.10 | 72.69 -3.76 -5.55 | 58.12 -4.74 -10.78 | 62.35 -5.97 -11.42 | 68.84 -6.87 -13.82 | 66.00 -6.20 -15.30 | 53.04 -3.40 -16.43 | 48.87 -3.82 -14.49 | 40.79 -2.45 -15.35 | 40.79 -2.37 -15.29 | 50.03 -4.41 -13.95 | 85.74 -11.57 -6.96 | 147.28 -21.58 -0.28 | 152.83 -21.84 0.00 | 106.82 -14.57 -7.57 | 92.38 -11.32 -9.36 | 71.73 -8.45 -10.93 | 58.84 -5.90 -13.01 | 60.25 -4.21 -11.17 |
| OXY_CHEM_DSASP 323612 | 56.60 -3.12 -11.64 | 59.32 -3.58 -11.04 | 50.17 -2.50 -12.35 | 50.17 -2.52 -12.74 | 51.58 -2.85 -11.90 | 64.30 -3.71 -10.02 | 71.58 -4.82 -5.50 | 57.25 -5.52 -10.69 | 61.34 -6.89 -11.33 | 67.68 -7.92 -13.71 | 64.91 -7.17 -15.18 | 52.18 -4.12 -16.30 | 48.06 -4.51 -14.37 | 40.16 -2.96 -15.23 | 40.16 -2.87 -15.17 | 49.23 -5.10 -13.83 | 84.15 -13.10 -6.90 | 144.24 -24.62 -0.28 | 149.69 -24.98 0.00 | 104.71 -16.62 -7.51 | 90.42 -13.21 -9.28 | 70.40 -9.70 -10.84 | 57.86 -6.77 -12.91 | 59.36 -5.01 -11.08 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 56.60 -3.12 -11.64 | 59.32 -3.58 -11.04 | 50.17 -2.50 -12.35 | 50.17 -2.52 -12.74 | 51.58 -2.85 -11.90 | 64.30 -3.71 -10.02 | 71.58 -4.82 -5.50 | 57.25 -5.52 -10.69 | 61.34 -6.89 -11.33 | 67.68 -7.92 -13.71 | 64.91 -7.17 -15.18 | 52.18 -4.12 -16.30 | 48.06 -4.51 -14.37 | 40.16 -2.96 -15.23 | 40.16 -2.87 -15.17 | 49.23 -5.10 -13.83 | 84.15 -13.10 -6.90 | 144.24 -24.62 -0.28 | 149.69 -24.98 0.00 | 104.71 -16.62 -7.51 | 90.42 -13.21 -9.28 | 70.40 -9.70 -10.84 | 57.86 -6.77 -12.91 | 59.36 -5.01 -11.08 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 128.22 4.42 -75.71 | 128.40 4.72 -71.83 | 124.33 3.71 -80.30 | 126.25 3.47 -82.83 | 123.64 3.70 -77.42 | 127.91 4.76 -65.16 | 112.66 5.96 -35.80 | 125.60 4.01 -69.50 | 134.99 4.44 -73.65 | 155.99 4.95 -89.15 | 160.25 4.67 -98.68 | 149.26 3.28 -105.98 | 134.72 3.06 -93.47 | 129.26 2.34 -99.03 | 128.82 2.31 -98.65 | 133.61 3.16 -89.96 | 142.54 7.32 -44.87 | 184.71 14.32 -1.80 | 189.85 15.19 0.01 | 172.77 10.13 -48.82 | 162.72 8.01 -60.37 | 145.64 5.88 -70.50 | 140.02 4.35 -83.94 | 129.88 4.53 -72.07 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 128.31 4.52 -75.71 | 128.50 4.82 -71.83 | 124.41 3.79 -80.30 | 126.33 3.55 -82.83 | 123.73 3.78 -77.42 | 128.02 4.87 -65.16 | 112.87 6.17 -35.80 | 125.76 4.17 -69.50 | 135.16 4.61 -73.65 | 156.17 5.13 -89.15 | 160.36 4.78 -98.68 | 149.34 3.36 -105.98 | 134.84 3.17 -93.47 | 129.35 2.43 -99.03 | 128.88 2.37 -98.65 | 133.69 3.24 -89.96 | 142.72 7.49 -44.87 | 185.22 14.84 -1.80 | 190.39 15.73 0.01 | 173.23 10.59 -48.82 | 163.01 8.30 -60.37 | 145.91 6.16 -70.50 | 140.17 4.50 -83.94 | 130.04 4.69 -72.07 |

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| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 59.26 -1.68 -12.86 | 62.03 -2.02 -12.20 | 52.64 -1.33 -13.64 | 52.67 -1.36 -14.07 | 54.10 -1.57 -13.16 | 67.20 -1.86 -11.07 | 74.78 -2.20 -6.08 | 60.98 -2.92 -11.81 | 65.49 -3.93 -12.52 | 72.40 -4.64 -15.15 | 69.46 -4.21 -16.77 | 55.89 -2.12 -18.01 | 51.52 -2.56 -15.88 | 43.16 -1.56 -16.83 | 43.12 -1.51 -16.76 | 52.67 -3.12 -15.29 | 89.67 -8.31 -7.63 | 153.04 -15.85 -0.31 | 158.95 -15.72 0.00 | 111.65 -10.47 -8.30 | 96.49 -8.11 -10.26 | 75.14 -6.09 -11.98 | 61.75 -4.24 -14.26 | 62.60 -2.93 -12.24 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 130.56 4.76 -77.72 | 130.45 4.87 -73.73 | 126.54 3.79 -82.43 | 128.61 3.64 -85.02 | 125.86 3.87 -79.47 | 130.15 5.28 -66.88 | 114.31 6.66 -36.75 | 128.23 4.79 -71.36 | 138.03 5.52 -75.61 | 159.49 6.07 -91.53 | 163.79 5.58 -101.31 | 152.73 3.92 -108.80 | 137.86 3.70 -95.96 | 132.27 2.70 -101.67 | 131.79 2.65 -101.27 | 136.50 3.65 -92.35 | 145.01 8.59 -46.07 | 187.64 17.20 -1.86 | 192.66 17.99 0.00 | 175.57 11.62 -50.13 | 165.66 9.34 -61.98 | 148.49 6.86 -72.38 | 142.86 4.97 -86.17 | 132.11 4.85 -73.97 |
| PEEKSKILL____ 23653 | 126.59 3.56 -74.95 | 126.52 3.58 -71.10 | 122.59 2.78 -79.49 | 124.58 2.64 -81.99 | 122.01 2.85 -76.64 | 126.38 3.89 -64.50 | 111.66 5.32 -35.44 | 124.60 3.70 -68.82 | 134.03 4.21 -72.92 | 154.73 4.58 -88.27 | 158.87 4.27 -97.70 | 147.93 3.00 -104.92 | 133.56 2.83 -92.54 | 128.08 2.15 -98.04 | 127.64 2.12 -97.66 | 132.43 2.88 -89.06 | 141.56 6.78 -44.43 | 183.53 13.16 -1.79 | 188.65 13.98 0.00 | 171.38 9.22 -48.34 | 161.47 7.36 -59.77 | 144.46 5.41 -69.80 | 138.71 3.88 -83.09 | 128.46 3.84 -71.33 |
| PGE MADISON____WINDPWR 24146 | 74.85 3.56 -23.21 | 77.71 3.84 -22.02 | 67.97 3.03 -24.62 | 68.42 3.08 -25.39 | 69.53 3.27 -23.74 | 82.55 4.58 -19.98 | 87.48 5.60 -10.98 | 77.20 3.80 -21.31 | 83.70 4.21 -22.58 | 94.11 4.89 -27.34 | 91.83 4.67 -30.26 | 76.02 3.52 -32.50 | 69.80 2.94 -28.66 | 60.52 2.26 -30.37 | 60.34 2.23 -30.25 | 70.91 2.83 -27.58 | 110.43 6.32 -13.76 | 182.12 12.98 -0.55 | 188.65 13.98 0.00 | 136.31 7.51 -14.97 | 119.36 6.50 -18.51 | 95.86 4.99 -21.62 | 80.73 3.26 -25.74 | 78.90 3.52 -22.09 |
| PIERCEFIELD____HYD 23852 | 47.17 -0.92 0.00 | 51.59 -0.26 0.00 | 39.32 -1.01 0.00 | 38.99 -0.96 0.00 | 41.71 -0.81 0.00 | 56.83 -1.16 0.00 | 70.55 -0.35 0.00 | 51.98 -0.10 0.00 | 56.45 -0.46 0.00 | 61.70 -0.19 0.00 | 56.73 -0.17 0.00 | 39.21 -0.80 0.00 | 38.39 0.19 0.00 | 27.44 -0.45 0.00 | 27.42 -0.45 0.00 | 40.33 -0.16 0.00 | 90.17 -0.18 0.00 | 168.08 -0.50 0.00 | 173.80 -0.87 0.00 | 113.03 -0.79 0.00 | 93.97 -0.38 0.00 | 68.98 -0.28 0.00 | 51.89 0.16 0.00 | 53.50 0.21 0.00 |
| PINELAWN_CC_1 323563 | 128.80 5.00 -75.72 | 128.19 4.51 -71.83 | 124.46 3.83 -80.31 | 125.62 2.84 -82.83 | 123.52 3.57 -77.43 | 127.04 3.89 -65.16 | 114.62 7.80 -35.92 | 126.71 5.11 -69.52 | 135.86 5.29 -73.67 | 157.56 6.50 -89.17 | 168.15 6.20 -105.04 | 158.43 4.36 -114.06 | 146.06 4.13 -103.74 | 141.18 3.12 -110.16 | 140.80 3.09 -109.85 | 145.17 4.29 -100.38 | 155.25 10.12 -54.78 | 209.33 18.38 -22.37 | 201.08 19.21 -7.20 | 185.28 12.63 -58.82 | 173.13 10.00 -68.79 | 157.89 8.03 -80.60 | 154.34 5.84 -96.76 | 130.95 5.59 -72.07 |
| PJM_GEN_HTP_PROXY 323702 | 127.96 4.18 -75.70 | 127.91 4.25 -71.80 | 123.91 3.31 -80.28 | 125.87 3.12 -82.80 | 123.24 3.32 -77.40 | 126.50 4.58 -63.93 | 113.23 6.24 -36.09 | 126.83 4.32 -70.42 | 135.44 4.89 -73.64 | 156.41 5.38 -89.14 | 160.58 5.01 -98.67 | 149.49 3.52 -105.96 | 134.98 3.32 -93.46 | 129.45 2.54 -99.02 | 128.98 2.48 -98.64 | 133.84 3.40 -89.95 | 144.28 7.86 -46.07 | 184.53 15.34 -0.61 | 190.91 16.25 0.00 | 173.46 10.82 -48.82 | 163.29 8.58 -60.36 | 146.05 6.30 -70.49 | 140.21 4.55 -83.92 | 129.86 4.53 -72.05 |
| PJM_GEN_KEystone 24065 | 101.59 1.25 -52.26 | 90.90 1.14 -37.91 | 89.22 0.97 -47.93 | 91.61 0.84 -50.82 | 96.85 0.89 -53.44 | 103.08 1.33 -43.75 | 98.03 2.13 -25.00 | 102.03 1.04 -48.90 | 108.71 0.97 -50.84 | 124.36 0.93 -61.54 | 125.88 0.85 -68.12 | 113.96 0.80 -73.15 | 103.33 0.61 -64.52 | 96.84 0.59 -68.36 | 96.54 0.59 -68.09 | 103.04 0.45 -62.10 | 123.34 0.81 -32.18 | 169.97 1.34 -0.05 | 176.77 2.10 0.00 | 148.90 1.37 -33.70 | 137.15 1.14 -41.67 | 118.82 0.90 -48.66 | 110.39 0.72 -57.94 | 104.09 1.07 -49.74 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 128.12 4.33 -75.71 | 127.51 3.84 -71.82 | 123.97 3.34 -80.30 | 125.13 2.36 -82.83 | 123.01 3.06 -77.42 | 125.23 3.30 -63.94 | 113.90 6.95 -36.05 | 126.95 4.42 -70.44 | 135.06 4.49 -73.66 | 156.63 5.57 -89.17 | 158.70 5.35 -96.45 | 146.90 3.76 -103.13 | 131.63 3.59 -89.85 | 125.70 2.70 -95.10 | 125.23 2.68 -94.69 | 130.46 3.68 -86.28 | 141.41 8.49 -42.57 | 178.41 16.53 6.71 | 189.57 17.46 2.56 | 170.61 11.49 -45.30 | 160.88 9.15 -57.39 | 142.97 6.79 -66.92 | 136.19 5.07 -79.39 | 130.20 4.85 -72.06 |
| PJM_GEN_VFT_PROXY 323633 | 127.93 4.14 -75.71 | 127.82 4.15 -71.81 | 123.84 3.23 -80.29 | 125.80 3.03 -82.82 | 123.21 3.27 -77.41 | 126.45 4.53 -63.94 | 113.31 6.31 -36.10 | 126.89 4.38 -70.43 | 135.45 4.89 -73.65 | 156.49 5.45 -89.15 | 160.60 5.01 -98.68 | 149.51 3.52 -105.98 | 134.99 3.32 -93.48 | 129.46 2.54 -99.03 | 129.02 2.51 -98.65 | 133.89 3.44 -89.96 | 144.38 7.95 -46.08 | 184.53 15.34 -0.61 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.22 4.55 -83.94 | 129.87 4.53 -72.06 |
| PLEASANTVLY____LBMP 24000 | 130.36 3.61 -78.67 | 130.16 3.68 -74.63 | 126.62 2.86 -83.43 | 128.76 2.75 -86.06 | 125.90 2.93 -80.44 | 129.75 4.06 -67.70 | 113.48 5.39 -37.20 | 128.07 3.75 -72.23 | 137.65 4.21 -76.54 | 159.18 4.64 -92.65 | 163.77 4.32 -102.55 | 153.14 3.00 -110.13 | 138.20 2.87 -97.14 | 132.95 2.15 -102.91 | 132.49 2.12 -102.51 | 136.93 2.95 -93.48 | 143.77 6.78 -46.64 | 183.45 12.98 -1.88 | 188.46 13.80 0.00 | 173.67 9.11 -50.74 | 164.34 7.26 -62.73 | 147.92 5.41 -73.26 | 142.83 3.88 -87.22 | 132.05 3.89 -74.88 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 128.28 3.94 -76.26 | 128.13 3.94 -72.34 | 124.26 3.06 -80.88 | 126.29 2.91 -83.42 | 123.60 3.10 -77.98 | 127.85 4.23 -65.63 | 112.70 5.74 -36.06 | 126.11 4.01 -70.02 | 135.65 4.55 -74.19 | 156.71 5.01 -89.81 | 160.98 4.67 -99.41 | 150.04 3.28 -106.76 | 135.45 3.09 -94.16 | 129.99 2.34 -99.76 | 129.55 2.31 -99.37 | 134.28 3.16 -90.62 | 142.87 7.32 -45.21 | 184.73 14.32 -1.82 | 189.86 15.19 0.00 | 173.03 10.02 -49.19 | 163.17 8.01 -60.81 | 146.16 5.88 -71.02 | 140.52 4.24 -84.55 | 130.08 4.21 -72.58 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 132.59 4.14 -80.37 | 132.35 4.25 -76.24 | 128.91 3.34 -85.24 | 131.07 3.20 -87.92 | 128.11 3.40 -82.19 | 131.85 4.70 -69.17 | 115.00 6.10 -38.00 | 130.15 4.27 -73.80 | 139.93 4.83 -78.19 | 161.80 5.26 -94.65 | 166.57 4.89 -104.77 | 155.92 3.40 -112.51 | 140.68 3.24 -99.24 | 135.46 2.43 -105.14 | 134.99 2.40 -104.73 | 139.32 3.32 -95.51 | 145.49 7.49 -47.65 | 185.50 15.00 -1.92 | 190.39 15.73 0.00 | 175.91 10.25 -51.84 | 166.74 8.30 -64.09 | 150.20 6.10 -74.85 | 145.29 4.45 -89.11 | 134.15 4.37 -76.50 |
| POLETTI____ 23519 | 127.97 4.18 -75.71 | 127.92 4.25 -71.81 | 123.92 3.31 -80.29 | 125.88 3.12 -82.82 | 123.25 3.32 -77.41 | 127.73 4.58 -65.16 | 113.02 6.31 -35.81 | 125.91 4.32 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.15 | 160.60 5.01 -98.68 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.44 2.51 -99.03 | 128.99 2.48 -98.65 | 133.86 3.40 -89.96 | 143.00 7.77 -44.88 | 185.39 15.00 -1.81 | 190.73 16.06 0.00 | 173.24 10.59 -48.83 | 163.21 8.49 -60.37 | 145.99 6.24 -70.50 | 140.22 4.55 -83.94 | 129.87 4.53 -72.06 |
| PORT_JEFF_3 23555 | 128.22 4.42 -75.71 | 127.51 3.84 -71.82 | 123.89 3.26 -80.30 | 125.02 2.24 -82.83 | 122.84 2.89 -77.42 | 126.05 2.90 -65.16 | 113.55 6.81 -35.84 | 125.92 4.32 -69.52 | 135.06 4.49 -73.66 | 156.69 5.63 -89.17 | 163.55 5.41 -101.23 | 153.03 3.80 -109.22 | 139.37 3.59 -97.59 | 134.12 2.73 -103.49 | 133.70 2.70 -103.14 | 138.36 3.72 -94.14 | 148.31 9.12 -48.84 | 196.83 18.21 -10.03 | 196.93 19.39 -2.87 | 179.52 12.86 -52.84 | 167.99 9.90 -63.74 | 151.35 7.55 -74.55 | 146.08 5.28 -89.07 | 130.31 4.96 -72.06 |

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| PORT_JEFF_4 23616 | 128.22 4.42 -75.71 | 127.51 3.84 -71.82 | 123.89 3.26 -80.30 | 125.02 2.24 -82.83 | 122.84 2.89 -77.42 | 126.05 2.90 -65.16 | 113.55 6.81 -35.84 | 125.92 4.32 -69.52 | 135.06 4.49 -73.66 | 156.69 5.63 -89.17 | 163.55 5.41 -101.23 | 153.03 3.80 -109.22 | 139.37 3.59 -97.59 | 134.12 2.73 -103.49 | 133.70 2.70 -103.14 | 138.36 3.72 -94.14 | 148.31 9.12 -48.84 | 196.83 18.21 -10.03 | 196.93 19.39 -2.87 | 179.52 12.86 -52.84 | 167.99 9.90 -63.74 | 151.35 7.55 -74.55 | 146.08 5.28 -89.07 | 130.31 4.96 -72.06 |
| PORT_JEFF_IC 23713 | 128.51 4.71 -75.71 | 127.83 4.15 -71.82 | 124.13 3.51 -80.30 | 125.22 2.44 -82.83 | 123.09 3.15 -77.42 | 126.34 3.19 -65.16 | 113.98 7.24 -35.85 | 126.19 4.58 -69.52 | 135.40 4.83 -73.66 | 157.06 6.00 -89.17 | 163.99 5.74 -101.34 | 153.40 4.04 -109.35 | 139.77 3.82 -97.76 | 134.47 2.90 -103.68 | 134.03 2.84 -103.33 | 138.78 3.97 -94.31 | 149.12 9.76 -49.01 | 198.34 19.38 -10.38 | 198.09 20.43 -3.00 | 180.60 13.77 -53.01 | 168.70 10.47 -63.88 | 151.93 7.96 -74.72 | 146.61 5.59 -89.29 | 130.58 5.23 -72.06 |
| PPL_PILGRIM_ST_GT1 24216 | 128.99 5.19 -75.71 | 128.35 4.67 -71.83 | 124.58 3.95 -80.30 | 125.66 2.88 -82.83 | 123.56 3.61 -77.42 | 127.04 3.89 -65.16 | 114.76 8.01 -35.85 | 126.81 5.21 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 165.03 6.37 -101.76 | 154.37 4.48 -109.89 | 140.87 4.24 -98.43 | 135.51 3.21 -104.41 | 135.10 3.18 -104.06 | 139.91 4.41 -95.00 | 150.58 10.57 -49.66 | 201.05 20.73 -11.73 | 200.15 22.01 -3.47 | 182.06 14.57 -53.66 | 170.09 11.32 -64.44 | 153.15 8.52 -75.38 | 147.96 6.10 -90.13 | 131.16 5.81 -72.06 |
| PPL_PILGRIM_ST_GT2 24217 | 128.99 5.19 -75.71 | 128.35 4.67 -71.83 | 124.58 3.95 -80.30 | 125.66 2.88 -82.83 | 123.56 3.61 -77.42 | 127.04 3.89 -65.16 | 114.76 8.01 -35.85 | 126.81 5.21 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 165.03 6.37 -101.76 | 154.37 4.48 -109.89 | 140.87 4.24 -98.43 | 135.51 3.21 -104.41 | 135.10 3.18 -104.06 | 139.91 4.41 -95.00 | 150.58 10.57 -49.66 | 201.05 20.73 -11.73 | 200.15 22.01 -3.47 | 182.06 14.57 -53.66 | 170.09 11.32 -64.44 | 153.15 8.52 -75.38 | 147.96 6.10 -90.13 | 131.16 5.81 -72.06 |
| PPL_SHRM_GT3 24213 | 129.08 5.29 -75.71 | 128.44 4.77 -71.82 | 124.62 3.99 -80.30 | 125.69 2.91 -82.83 | 123.60 3.66 -77.42 | 126.98 3.83 -65.16 | 114.82 8.08 -35.84 | 126.81 5.21 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.50 6.32 -101.28 | 153.68 4.40 -109.27 | 140.05 4.20 -97.66 | 134.61 3.15 -103.57 | 134.20 3.12 -103.21 | 139.08 4.37 -94.21 | 150.01 10.75 -48.91 | 199.83 21.07 -10.17 | 199.95 22.36 -2.92 | 181.75 15.02 -52.91 | 169.65 11.51 -63.80 | 152.74 8.87 -74.62 | 147.15 6.26 -89.16 | 131.27 5.91 -72.06 |
| PPL_SHRM_GT4 24214 | 129.08 5.29 -75.71 | 128.44 4.77 -71.82 | 124.62 3.99 -80.30 | 125.69 2.91 -82.83 | 123.60 3.66 -77.42 | 126.98 3.83 -65.16 | 114.82 8.08 -35.84 | 126.81 5.21 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.50 6.32 -101.28 | 153.68 4.40 -109.27 | 140.05 4.20 -97.66 | 134.61 3.15 -103.57 | 134.20 3.12 -103.21 | 139.08 4.37 -94.21 | 150.01 10.75 -48.91 | 199.83 21.07 -10.17 | 199.95 22.36 -2.92 | 181.75 15.02 -52.91 | 169.65 11.51 -63.80 | 152.74 8.87 -74.62 | 147.15 6.26 -89.16 | 131.27 5.91 -72.06 |
| PROJECT___ORANGE 1 24174 | 53.67 -0.77 -6.36 | 56.96 -0.93 -6.04 | 46.47 -0.60 -6.75 | 46.27 -0.64 -6.96 | 48.34 -0.68 -6.51 | 62.54 -0.93 -5.48 | 72.77 -1.14 -3.01 | 56.88 -1.04 -5.84 | 61.84 -1.25 -6.19 | 68.02 -1.36 -7.49 | 64.06 -1.14 -8.29 | 48.15 -0.76 -8.91 | 45.17 -0.88 -7.86 | 35.63 -0.59 -8.32 | 35.57 -0.59 -8.29 | 47.00 -1.05 -7.56 | 91.50 -2.62 -3.77 | 164.19 -4.54 -0.15 | 170.13 -4.54 0.00 | 114.74 -3.19 -4.10 | 96.87 -2.54 -5.07 | 73.45 -1.73 -5.93 | 57.49 -1.29 -7.05 | 58.12 -1.22 -6.06 |
| PROJECT___ORANGE 2 24166 | 53.67 -0.77 -6.36 | 56.96 -0.93 -6.04 | 46.47 -0.60 -6.75 | 46.27 -0.64 -6.96 | 48.34 -0.68 -6.51 | 62.54 -0.93 -5.48 | 72.77 -1.14 -3.01 | 56.88 -1.04 -5.84 | 61.84 -1.25 -6.19 | 68.02 -1.36 -7.49 | 64.06 -1.14 -8.29 | 48.15 -0.76 -8.91 | 45.17 -0.88 -7.86 | 35.63 -0.59 -8.32 | 35.57 -0.59 -8.29 | 47.00 -1.05 -7.56 | 91.50 -2.62 -3.77 | 164.19 -4.54 -0.15 | 170.13 -4.54 0.00 | 114.74 -3.19 -4.10 | 96.87 -2.54 -5.07 | 73.45 -1.73 -5.93 | 57.49 -1.29 -7.05 | 58.12 -1.22 -6.06 |
| PYRITES___HYD 24023 | 47.75 -0.33 0.00 | 52.22 0.37 0.00 | 39.80 -0.53 0.00 | 39.47 -0.48 0.00 | 42.22 -0.30 0.00 | 57.47 -0.52 0.00 | 71.40 0.50 0.00 | 52.71 0.63 0.00 | 57.36 0.45 0.00 | 62.75 0.87 0.00 | 57.76 0.85 0.00 | 39.97 -0.04 0.00 | 39.00 0.80 0.00 | 27.92 0.03 0.00 | 27.89 0.03 0.00 | 41.10 0.61 0.00 | 92.06 1.71 0.00 | 171.95 3.37 0.00 | 177.81 3.15 0.00 | 115.42 1.59 0.00 | 95.85 1.50 0.00 | 70.15 0.90 0.00 | 52.56 0.83 0.00 | 54.19 0.90 0.00 |
| RAMAPO___LBMP 323565 | 124.26 3.27 -72.91 | 124.34 3.32 -69.16 | 120.23 2.58 -77.33 | 122.15 2.44 -79.76 | 119.71 2.64 -74.56 | 124.33 3.60 -62.75 | 110.33 4.96 -34.47 | 122.52 3.49 -66.94 | 131.76 3.92 -70.93 | 152.02 4.27 -85.86 | 155.87 3.92 -95.04 | 144.83 2.76 -102.07 | 130.85 2.63 -90.03 | 125.28 2.01 -95.38 | 124.85 1.98 -95.01 | 129.85 2.71 -86.64 | 139.80 6.23 -43.22 | 182.30 11.97 -1.74 | 187.59 12.93 0.00 | 169.39 8.54 -47.03 | 159.28 6.80 -58.14 | 142.14 4.99 -67.90 | 136.18 3.62 -80.83 | 126.25 3.57 -69.39 |
| RANKINE____ 23646 | 58.71 -1.92 -12.55 | 61.48 -2.28 -11.91 | 52.10 -1.53 -13.31 | 52.12 -1.56 -13.73 | 53.57 -1.78 -12.84 | 66.59 -2.20 -10.80 | 74.07 -2.77 -5.94 | 60.12 -3.49 -11.53 | 64.51 -4.61 -12.21 | 71.35 -5.32 -14.78 | 68.49 -4.78 -16.36 | 55.06 -2.52 -17.57 | 50.75 -2.94 -15.50 | 42.47 -1.84 -16.42 | 42.44 -1.78 -16.36 | 51.89 -3.52 -14.92 | 88.49 -9.30 -7.44 | 151.35 -17.54 -0.30 | 157.03 -17.63 0.00 | 110.20 -11.72 -8.10 | 95.20 -9.15 -10.01 | 74.09 -6.86 -11.69 | 60.89 -4.76 -13.92 | 61.82 -3.41 -11.95 |
| RAVENSWOOD_GT2_1 24244 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.29 3.36 -77.42 | 127.79 4.64 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD_GT2_2 24245 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.29 3.36 -77.42 | 127.79 4.64 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD_GT2_3 24246 | 128.03 4.23 -75.71 | 127.97 4.30 -71.82 | 123.96 3.34 -80.29 | 125.93 3.16 -82.82 | 123.29 3.36 -77.42 | 127.79 4.64 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.50 5.45 -89.16 | 160.66 5.06 -98.69 | 149.55 3.56 -105.98 | 135.04 3.36 -93.48 | 129.47 2.54 -99.04 | 129.03 2.51 -98.65 | 133.90 3.44 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD_GT2_4 24247 | 128.03 4.23 -75.71 | 127.97 4.30 -71.82 | 123.96 3.34 -80.29 | 125.93 3.16 -82.82 | 123.29 3.36 -77.42 | 127.79 4.64 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.50 5.45 -89.16 | 160.66 5.06 -98.69 | 149.55 3.56 -105.98 | 135.04 3.36 -93.48 | 129.47 2.54 -99.04 | 129.03 2.51 -98.65 | 133.90 3.44 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |

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|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| RAVENSWOOD_GT3_1 24248 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.29 3.36 -77.42 | 127.79 4.64 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD_GT3_2 24249 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.29 3.36 -77.42 | 127.79 4.64 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD_GT3_3 24250 | 128.07 4.28 -75.71 | 128.03 4.36 -71.82 | 124.00 3.39 -80.29 | 125.97 3.20 -82.82 | 123.34 3.40 -77.42 | 127.85 4.70 -65.16 | 113.10 6.38 -35.81 | 126.02 4.42 -69.51 | 135.51 4.95 -73.65 | 156.50 5.45 -89.16 | 160.66 5.06 -98.69 | 149.55 3.56 -105.98 | 135.07 3.40 -93.48 | 129.49 2.56 -99.04 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.27 16.60 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.20 6.44 -70.50 | 140.33 4.66 -83.94 | 129.99 4.63 -72.07 |
| RAVENSWOOD_GT3_4 24251 | 128.07 4.28 -75.71 | 128.03 4.36 -71.82 | 124.00 3.39 -80.29 | 125.97 3.20 -82.82 | 123.34 3.40 -77.42 | 127.85 4.70 -65.16 | 113.10 6.38 -35.81 | 126.02 4.42 -69.51 | 135.51 4.95 -73.65 | 156.50 5.45 -89.16 | 160.66 5.06 -98.69 | 149.55 3.56 -105.98 | 135.07 3.40 -93.48 | 129.49 2.56 -99.04 | 129.05 2.54 -98.65 | 133.94 3.48 -89.96 | 143.27 8.04 -44.88 | 185.89 15.50 -1.81 | 191.27 16.60 0.00 | 173.58 10.93 -48.83 | 163.39 8.67 -60.37 | 146.20 6.44 -70.50 | 140.33 4.66 -83.94 | 129.99 4.63 -72.07 |
| RAVENSWOOD_GT_1 23729 | 128.22 4.42 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.10 6.38 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.30 8.58 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 130.04 4.69 -72.07 |
| RAVENSWOOD_GT_10 24258 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.26 3.32 -77.42 | 127.73 4.58 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD_GT_11 24259 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.26 3.32 -77.42 | 127.73 4.58 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD_GT_4 24252 | 127.98 4.18 -75.71 | 127.87 4.20 -71.82 | 123.88 3.26 -80.29 | 125.85 3.08 -82.82 | 123.21 3.27 -77.42 | 127.73 4.58 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.23 4.55 -83.94 | 129.88 4.53 -72.07 |
| RAVENSWOOD_GT_5 24254 | 127.98 4.18 -75.71 | 127.87 4.20 -71.82 | 123.88 3.26 -80.29 | 125.85 3.08 -82.82 | 123.21 3.27 -77.42 | 127.73 4.58 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.23 4.55 -83.94 | 129.88 4.53 -72.07 |
| RAVENSWOOD_GT_6 24253 | 127.98 4.18 -75.71 | 127.87 4.20 -71.82 | 123.88 3.26 -80.29 | 125.85 3.08 -82.82 | 123.21 3.27 -77.42 | 127.73 4.58 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.23 4.55 -83.94 | 129.88 4.53 -72.07 |
| RAVENSWOOD_GT_7 24255 | 127.98 4.18 -75.71 | 127.87 4.20 -71.82 | 123.88 3.26 -80.29 | 125.85 3.08 -82.82 | 123.21 3.27 -77.42 | 127.73 4.58 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.18 7.95 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.23 4.55 -83.94 | 129.88 4.53 -72.07 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.26 3.32 -77.42 | 127.73 4.58 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD_GT_9 24257 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.26 3.32 -77.42 | 127.73 4.58 -65.16 | 112.96 6.24 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD___1 23533 | 128.22 4.42 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.10 6.38 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.30 8.58 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 130.04 4.69 -72.07 |
| RAVENSWOOD___2 23534 | 128.22 4.42 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.10 6.38 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.30 8.58 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 130.04 4.69 -72.07 |

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| RAVENSWOOD___3 23535 | 128.03 4.23 -75.71 | 127.92 4.25 -71.82 | 123.92 3.31 -80.29 | 125.89 3.12 -82.82 | 123.29 3.36 -77.42 | 127.79 4.64 -65.16 | 113.02 6.31 -35.81 | 125.97 4.38 -69.51 | 135.45 4.89 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 190.91 16.25 0.00 | 173.47 10.82 -48.83 | 163.30 8.58 -60.37 | 146.06 6.30 -70.50 | 140.28 4.60 -83.94 | 129.94 4.58 -72.07 |
| RAVENSWOOD___4 23820 | 128.22 4.42 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.10 6.38 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.30 8.58 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 130.04 4.69 -72.07 |
| RCPL_TRUST___DRP 24196 | 128.01 4.23 -75.70 | 127.96 4.30 -71.80 | 123.95 3.34 -80.28 | 125.91 3.16 -82.80 | 123.28 3.36 -77.40 | 127.78 4.64 -65.14 | 113.01 6.31 -35.80 | 125.96 4.38 -69.50 | 135.49 4.95 -73.64 | 156.48 5.45 -89.14 | 160.64 5.06 -98.67 | 149.53 3.56 -105.96 | 135.02 3.36 -93.46 | 129.48 2.56 -99.02 | 129.01 2.51 -98.64 | 133.88 3.44 -89.95 | 143.18 7.95 -44.87 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.57 10.93 -48.82 | 163.38 8.67 -60.36 | 146.11 6.37 -70.49 | 140.26 4.60 -83.92 | 129.97 4.63 -72.05 |
| RENSSELAER___COGEN 23796 | 147.56 3.17 -96.30 | 146.58 3.37 -91.36 | 145.12 2.66 -102.14 | 147.94 2.64 -105.35 | 143.76 2.76 -98.48 | 144.64 3.77 -82.88 | 121.11 4.68 -45.53 | 143.84 3.34 -88.42 | 154.47 3.87 -93.69 | 179.52 4.21 -113.42 | 186.31 3.87 -125.54 | 177.62 2.80 -134.82 | 159.74 2.63 -118.91 | 155.83 1.95 -125.98 | 155.31 1.95 -125.49 | 157.69 2.76 -114.44 | 153.23 5.79 -57.09 | 181.68 10.80 -2.30 | 185.68 11.01 0.00 | 183.11 7.18 -62.12 | 177.18 6.04 -76.80 | 163.31 4.37 -89.69 | 161.97 3.47 -106.77 | 148.36 3.41 -91.66 |
| REVERE_CPPR_DRP 24186 | 51.11 1.20 -1.83 | 54.88 1.30 -1.73 | 43.27 1.01 -1.94 | 42.99 1.04 -2.00 | 45.49 1.10 -1.87 | 61.07 1.51 -1.57 | 73.60 1.84 -0.86 | 55.01 1.25 -1.68 | 60.05 1.36 -1.78 | 65.71 1.67 -2.15 | 60.99 1.71 -2.38 | 43.84 1.28 -2.56 | 41.56 1.11 -2.26 | 31.09 0.81 -2.39 | 31.05 0.81 -2.38 | 43.68 1.01 -2.17 | 93.69 2.26 -1.08 | 173.52 4.89 -0.04 | 179.74 5.07 0.00 | 117.62 2.62 -1.18 | 98.16 2.36 -1.46 | 72.69 1.73 -1.70 | 54.89 1.14 -2.02 | 56.20 1.17 -1.74 |
| RIVERBAY___ 323610 | 128.31 4.52 -75.71 | 128.50 4.82 -71.83 | 124.41 3.79 -80.30 | 126.33 3.55 -82.83 | 123.73 3.78 -77.42 | 128.02 4.87 -65.16 | 112.87 6.17 -35.80 | 125.76 4.17 -69.50 | 135.16 4.61 -73.65 | 156.17 5.13 -89.15 | 160.36 4.78 -98.68 | 149.34 3.36 -105.98 | 134.84 3.17 -93.47 | 129.35 2.43 -99.03 | 128.88 2.37 -98.65 | 133.69 3.24 -89.96 | 142.72 7.49 -44.87 | 185.22 14.84 -1.80 | 190.39 15.73 0.01 | 173.23 10.59 -48.82 | 163.01 8.30 -60.37 | 145.91 6.16 -70.50 | 140.17 4.50 -83.94 | 130.04 4.69 -72.07 |
| ROCHESTER_9_IC 23652 | 55.76 -1.54 -9.22 | 58.73 -1.86 -8.75 | 48.93 -1.17 -9.78 | 48.76 -1.28 -10.09 | 50.46 -1.49 -9.43 | 64.07 -1.86 -7.93 | 72.78 -2.48 -4.36 | 57.89 -2.65 -8.47 | 62.52 -3.36 -8.97 | 68.97 -3.78 -10.86 | 65.51 -3.41 -12.02 | 50.79 -2.12 -12.91 | 47.17 -2.41 -11.38 | 38.33 -1.62 -12.06 | 38.29 -1.59 -12.01 | 48.66 -2.79 -10.96 | 89.04 -6.78 -5.47 | 156.84 -11.97 -0.22 | 162.78 -11.88 0.00 | 111.57 -8.20 -5.95 | 95.28 -6.42 -7.35 | 73.06 -4.78 -8.59 | 58.43 -3.52 -10.22 | 59.24 -2.83 -8.78 |
| ROSETON___1 23587 | 127.20 3.27 -75.85 | 127.12 3.32 -71.95 | 123.35 2.58 -80.44 | 125.36 2.44 -82.97 | 122.72 2.64 -77.56 | 126.86 3.60 -65.27 | 111.59 4.82 -35.86 | 125.11 3.38 -69.64 | 134.51 3.81 -73.79 | 155.42 4.21 -89.32 | 159.65 3.87 -98.87 | 148.91 2.72 -106.18 | 134.41 2.56 -93.65 | 129.06 1.95 -99.22 | 128.62 1.92 -98.84 | 133.26 2.63 -90.13 | 141.37 6.05 -44.97 | 182.19 11.80 -1.81 | 187.25 12.58 0.00 | 171.05 8.30 -48.92 | 161.43 6.60 -60.49 | 144.74 4.85 -70.64 | 139.34 3.52 -84.09 | 128.94 3.46 -72.19 |
| ROSETON___2 23588 | 127.20 3.27 -75.85 | 127.12 3.32 -71.95 | 123.35 2.58 -80.44 | 125.36 2.44 -82.97 | 122.72 2.64 -77.56 | 126.86 3.60 -65.27 | 111.59 4.82 -35.86 | 125.11 3.38 -69.64 | 134.51 3.81 -73.79 | 155.42 4.21 -89.32 | 159.65 3.87 -98.87 | 148.91 2.72 -106.18 | 134.41 2.56 -93.65 | 129.06 1.95 -99.22 | 128.62 1.92 -98.84 | 133.26 2.63 -90.13 | 141.37 6.05 -44.97 | 182.19 11.80 -1.81 | 187.25 12.58 0.00 | 171.05 8.30 -48.92 | 161.43 6.60 -60.49 | 144.74 4.85 -70.64 | 139.34 3.52 -84.09 | 128.94 3.46 -72.19 |
| RUSSELL___1 23602 | 56.01 -1.30 -9.23 | 59.00 -1.61 -8.75 | 49.14 -0.97 -9.78 | 48.97 -1.08 -10.09 | 50.68 -1.27 -9.43 | 64.37 -1.56 -7.94 | 73.20 -2.06 -4.36 | 58.26 -2.29 -8.47 | 62.86 -3.02 -8.98 | 69.35 -3.40 -10.87 | 65.91 -3.02 -12.03 | 51.08 -1.84 -12.92 | 47.41 -2.18 -11.39 | 38.51 -1.45 -12.07 | 38.47 -1.42 -12.02 | 48.87 -2.59 -10.96 | 89.67 -6.15 -5.47 | 158.19 -10.62 -0.22 | 164.01 -10.66 0.00 | 112.38 -7.40 -5.95 | 95.94 -5.76 -7.36 | 73.55 -4.29 -8.59 | 58.75 -3.21 -10.23 | 59.51 -2.56 -8.78 |
| RUSSELL___2 23532 | 56.01 -1.30 -9.23 | 59.00 -1.61 -8.75 | 49.14 -0.97 -9.78 | 48.97 -1.08 -10.09 | 50.68 -1.27 -9.43 | 64.37 -1.56 -7.94 | 73.20 -2.06 -4.36 | 58.26 -2.29 -8.47 | 62.86 -3.02 -8.98 | 69.35 -3.40 -10.87 | 65.91 -3.02 -12.03 | 51.08 -1.84 -12.92 | 47.41 -2.18 -11.39 | 38.51 -1.45 -12.07 | 38.47 -1.42 -12.02 | 48.87 -2.59 -10.96 | 89.67 -6.15 -5.47 | 158.19 -10.62 -0.22 | 164.01 -10.66 0.00 | 112.38 -7.40 -5.95 | 95.94 -5.76 -7.36 | 73.55 -4.29 -8.59 | 58.75 -3.21 -10.23 | 59.51 -2.56 -8.78 |
| RUSSELL___3 23549 | 56.01 -1.30 -9.23 | 59.00 -1.61 -8.75 | 49.14 -0.97 -9.78 | 48.97 -1.08 -10.09 | 50.68 -1.27 -9.43 | 64.37 -1.56 -7.94 | 73.20 -2.06 -4.36 | 58.26 -2.29 -8.47 | 62.86 -3.02 -8.98 | 69.35 -3.40 -10.87 | 65.91 -3.02 -12.03 | 51.08 -1.84 -12.92 | 47.41 -2.18 -11.39 | 38.51 -1.45 -12.07 | 38.47 -1.42 -12.02 | 48.87 -2.59 -10.96 | 89.67 -6.15 -5.47 | 158.19 -10.62 -0.22 | 164.01 -10.66 0.00 | 112.38 -7.40 -5.95 | 95.94 -5.76 -7.36 | 73.55 -4.29 -8.59 | 58.75 -3.21 -10.23 | 59.51 -2.56 -8.78 |
| RUSSELL___4 23556 | 56.01 -1.30 -9.23 | 59.00 -1.61 -8.75 | 49.14 -0.97 -9.78 | 48.97 -1.08 -10.09 | 50.68 -1.27 -9.43 | 64.37 -1.56 -7.94 | 73.20 -2.06 -4.36 | 58.26 -2.29 -8.47 | 62.86 -3.02 -8.98 | 69.35 -3.40 -10.87 | 65.91 -3.02 -12.03 | 51.08 -1.84 -12.92 | 47.41 -2.18 -11.39 | 38.51 -1.45 -12.07 | 38.47 -1.42 -12.02 | 48.87 -2.59 -10.96 | 89.67 -6.15 -5.47 | 158.19 -10.62 -0.22 | 164.01 -10.66 0.00 | 112.38 -7.40 -5.95 | 95.94 -5.76 -7.36 | 73.55 -4.29 -8.59 | 58.75 -3.21 -10.23 | 59.51 -2.56 -8.78 |
| RUSSELL___STATION 23914 | 56.01 -1.30 -9.23 | 59.00 -1.61 -8.75 | 49.14 -0.97 -9.78 | 48.97 -1.08 -10.09 | 50.68 -1.27 -9.43 | 64.37 -1.56 -7.94 | 73.20 -2.06 -4.36 | 58.26 -2.29 -8.47 | 62.86 -3.02 -8.98 | 69.35 -3.40 -10.87 | 65.91 -3.02 -12.03 | 51.08 -1.84 -12.92 | 47.41 -2.18 -11.39 | 38.51 -1.45 -12.07 | 38.47 -1.42 -12.02 | 48.87 -2.59 -10.96 | 89.67 -6.15 -5.47 | 158.19 -10.62 -0.22 | 164.01 -10.66 0.00 | 112.38 -7.40 -5.95 | 95.94 -5.76 -7.36 | 73.55 -4.29 -8.59 | 58.75 -3.21 -10.23 | 59.51 -2.56 -8.78 |
| S SALMON___HYD 24043 | 52.35 -0.72 -4.99 | 55.75 -0.83 -4.73 | 45.01 -0.60 -5.29 | 44.81 -0.60 -5.46 | 46.99 -0.64 -5.10 | 61.42 -0.87 -4.29 | 72.05 -1.21 -2.36 | 55.52 -1.15 -4.58 | 60.23 -1.53 -4.86 | 66.22 -1.54 -5.88 | 62.10 -1.31 -6.51 | 46.19 -0.80 -6.99 | 43.55 -0.80 -6.16 | 33.86 -0.56 -6.53 | 33.81 -0.56 -6.50 | 45.45 -0.97 -5.93 | 90.87 -2.44 -2.96 | 164.32 -4.38 -0.12 | 170.31 -4.36 0.00 | 113.74 -3.30 -3.22 | 96.06 -2.27 -3.98 | 72.31 -1.59 -4.65 | 56.18 -1.09 -5.53 | 56.97 -1.07 -4.75 |

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| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 57.63 -2.50 -12.05 | 60.38 -2.90 -11.43 | 51.12 -1.97 -12.78 | 51.13 -2.00 -13.18 | 52.54 -2.30 -12.32 | 65.46 -2.90 -10.37 | 72.84 -3.76 -5.70 | 58.77 -4.37 -11.06 | 63.11 -5.52 -11.72 | 69.64 -6.44 -14.19 | 66.80 -5.80 -15.70 | 53.67 -3.20 -16.86 | 49.44 -3.63 -14.87 | 41.31 -2.34 -15.76 | 41.30 -2.26 -15.70 | 50.64 -4.17 -14.31 | 86.65 -10.84 -7.14 | 148.47 -20.40 -0.29 | 154.05 -20.61 0.00 | 107.82 -13.78 -7.77 | 93.10 -10.85 -9.61 | 72.44 -8.03 -11.22 | 59.45 -5.64 -13.36 | 60.60 -4.16 -11.47 |
| SELKIRK___I 23801 | 146.26 2.84 -95.34 | 145.35 3.06 -90.44 | 143.82 2.38 -101.12 | 146.64 2.40 -104.30 | 142.52 2.51 -97.49 | 143.46 3.42 -82.05 | 120.16 4.18 -45.08 | 142.59 2.97 -87.54 | 153.07 3.41 -92.75 | 177.82 3.65 -112.28 | 184.60 3.41 -124.28 | 175.91 2.44 -133.47 | 158.21 2.29 -117.72 | 154.31 1.70 -124.72 | 153.80 1.70 -124.24 | 156.18 2.39 -113.29 | 151.93 5.06 -56.52 | 180.30 9.44 -2.28 | 184.44 9.78 0.00 | 181.57 6.26 -61.49 | 175.65 5.28 -76.03 | 161.92 3.88 -88.79 | 160.48 3.05 -105.70 | 147.01 2.98 -90.74 |
| SELKIRK___II 23799 | 146.34 2.84 -95.42 | 145.43 3.06 -90.52 | 143.90 2.38 -101.20 | 146.69 2.36 -104.39 | 142.60 2.51 -97.58 | 143.53 3.42 -82.12 | 120.20 4.18 -45.12 | 142.61 2.91 -87.61 | 153.15 3.41 -92.83 | 177.92 3.65 -112.38 | 184.65 3.36 -124.39 | 176.03 2.44 -133.58 | 158.31 2.29 -117.82 | 154.42 1.70 -124.83 | 153.91 1.70 -124.34 | 156.28 2.39 -113.39 | 151.98 5.06 -56.57 | 180.30 9.44 -2.28 | 184.27 9.60 0.00 | 181.63 6.26 -61.55 | 175.72 5.28 -76.09 | 162.00 3.88 -88.86 | 160.52 3.00 -105.79 | 147.09 2.98 -90.82 |
| SENECA OSWGO___HYD 24041 | 52.84 -1.10 -5.86 | 56.17 -1.24 -5.56 | 45.65 -0.89 -6.22 | 45.49 -0.88 -6.41 | 47.54 -0.98 -5.99 | 61.76 -1.28 -5.05 | 72.04 -1.63 -2.77 | 56.01 -1.46 -5.38 | 60.90 -1.71 -5.70 | 66.94 -1.86 -6.90 | 62.89 -1.65 -7.64 | 47.09 -1.12 -8.21 | 44.21 -1.22 -7.24 | 34.73 -0.84 -7.67 | 34.69 -0.81 -7.64 | 46.09 -1.38 -6.97 | 90.58 -3.25 -3.48 | 162.99 -5.73 -0.14 | 168.91 -5.76 0.00 | 113.62 -3.99 -3.78 | 95.81 -3.21 -4.68 | 72.57 -2.15 -5.46 | 56.68 -1.55 -6.50 | 57.32 -1.55 -5.58 |
| SENECA___ENERGY 23797 | 56.01 -1.68 -9.61 | 59.05 -1.92 -9.11 | 49.18 -1.33 -10.19 | 49.10 -1.36 -10.51 | 50.86 -1.49 -9.83 | 64.29 -1.97 -8.27 | 73.03 -2.41 -4.54 | 58.77 -2.14 -8.82 | 63.64 -2.62 -9.35 | 70.30 -2.91 -11.32 | 66.87 -2.56 -12.53 | 51.74 -1.72 -13.45 | 48.19 -1.87 -11.86 | 39.18 -1.28 -12.57 | 39.07 -1.31 -12.52 | 49.73 -2.19 -11.42 | 90.90 -5.15 -5.70 | 159.54 -9.27 -0.23 | 165.40 -9.26 0.00 | 113.65 -6.37 -6.20 | 96.82 -5.19 -7.66 | 74.60 -3.60 -8.95 | 59.75 -2.64 -10.65 | 60.03 -2.40 -9.15 |
| SHOEMAKER___GT 23640 | 120.33 2.93 -69.31 | 120.61 3.01 -65.76 | 116.22 2.38 -73.52 | 118.02 2.24 -75.83 | 115.82 2.42 -70.88 | 120.95 3.30 -59.65 | 108.14 4.47 -32.77 | 118.80 3.07 -63.64 | 127.81 3.47 -67.44 | 147.30 3.78 -81.63 | 150.79 3.53 -90.36 | 139.48 2.44 -97.04 | 126.11 2.33 -85.59 | 120.36 1.79 -90.68 | 119.95 1.76 -90.33 | 125.25 2.39 -82.37 | 136.86 5.42 -41.09 | 180.87 10.63 -1.66 | 186.01 11.35 0.00 | 165.93 7.39 -44.71 | 155.57 5.95 -55.28 | 138.24 4.44 -64.55 | 131.79 3.21 -76.85 | 122.40 3.14 -65.98 |
| SHOREHAM_IC_1 23715 | 129.08 5.29 -75.71 | 128.44 4.77 -71.82 | 124.62 3.99 -80.30 | 125.69 2.91 -82.83 | 123.60 3.66 -77.42 | 126.98 3.83 -65.16 | 114.82 8.08 -35.84 | 126.81 5.21 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.50 6.32 -101.28 | 153.68 4.40 -109.27 | 140.05 4.20 -97.66 | 134.61 3.15 -103.57 | 134.20 3.12 -103.21 | 139.08 4.37 -94.21 | 150.01 10.75 -48.91 | 199.83 21.07 -10.17 | 199.95 22.36 -2.92 | 181.75 15.02 -52.91 | 169.65 11.51 -63.80 | 152.74 8.87 -74.62 | 147.15 6.26 -89.16 | 131.27 5.91 -72.06 |
| SHOREHAM_IC_2 23716 | 129.08 5.29 -75.71 | 128.44 4.77 -71.82 | 124.62 3.99 -80.30 | 125.69 2.91 -82.83 | 123.60 3.66 -77.42 | 126.98 3.83 -65.16 | 114.82 8.08 -35.84 | 126.81 5.21 -69.52 | 136.03 5.46 -73.66 | 157.74 6.69 -89.17 | 164.50 6.32 -101.28 | 153.68 4.40 -109.27 | 140.05 4.20 -97.66 | 134.61 3.15 -103.57 | 134.20 3.12 -103.21 | 139.08 4.37 -94.21 | 150.01 10.75 -48.91 | 199.83 21.07 -10.17 | 199.95 22.36 -2.92 | 181.75 15.02 -52.91 | 169.65 11.51 -63.80 | 152.74 8.87 -74.62 | 147.15 6.26 -89.16 | 131.27 5.91 -72.06 |
| SISSONVILLE____ 23735 | 47.17 -0.92 0.00 | 51.59 -0.26 0.00 | 39.32 -1.01 0.00 | 38.99 -0.96 0.00 | 41.71 -0.81 0.00 | 56.83 -1.16 0.00 | 70.55 -0.35 0.00 | 51.98 -0.10 0.00 | 56.45 -0.46 0.00 | 61.70 -0.19 0.00 | 56.73 -0.17 0.00 | 39.21 -0.80 0.00 | 38.39 0.19 0.00 | 27.44 -0.45 0.00 | 27.42 -0.45 0.00 | 40.33 -0.16 0.00 | 90.17 -0.18 0.00 | 168.08 -0.50 0.00 | 173.80 -0.87 0.00 | 113.03 -0.79 0.00 | 93.97 -0.38 0.00 | 68.98 -0.28 0.00 | 51.89 0.16 0.00 | 53.50 0.21 0.00 |
| SITHE_IND_GS1 24169 | 51.01 -1.83 -4.75 | 54.29 -2.08 -4.51 | 43.87 -1.49 -5.04 | 43.68 -1.48 -5.20 | 45.77 -1.62 -4.86 | 59.82 -2.26 -4.09 | 70.31 -2.84 -2.25 | 54.21 -2.24 -4.37 | 59.03 -2.50 -4.63 | 64.70 -2.78 -5.60 | 60.60 -2.50 -6.20 | 44.98 -1.68 -6.66 | 42.35 -1.72 -5.87 | 32.91 -1.20 -6.22 | 32.89 -1.17 -6.20 | 44.24 -1.90 -5.65 | 88.74 -4.43 -2.82 | 160.44 -8.26 -0.11 | 166.29 -8.38 0.00 | 111.31 -5.57 -3.07 | 93.61 -4.53 -3.79 | 70.43 -3.25 -4.43 | 54.62 -2.38 -5.27 | 55.47 -2.34 -4.53 |
| SITHE_IND_GS2 24170 | 51.01 -1.83 -4.75 | 54.29 -2.08 -4.51 | 43.87 -1.49 -5.04 | 43.68 -1.48 -5.20 | 45.77 -1.62 -4.86 | 59.82 -2.26 -4.09 | 70.31 -2.84 -2.25 | 54.21 -2.24 -4.37 | 59.03 -2.50 -4.63 | 64.70 -2.78 -5.60 | 60.60 -2.50 -6.20 | 44.98 -1.68 -6.66 | 42.35 -1.72 -5.87 | 32.91 -1.20 -6.22 | 32.89 -1.17 -6.20 | 44.24 -1.90 -5.65 | 88.74 -4.43 -2.82 | 160.44 -8.26 -0.11 | 166.29 -8.38 0.00 | 111.31 -5.57 -3.07 | 93.61 -4.53 -3.79 | 70.43 -3.25 -4.43 | 54.62 -2.38 -5.27 | 55.47 -2.34 -4.53 |
| SITHE_IND_GS3 24171 | 51.01 -1.83 -4.75 | 54.29 -2.08 -4.51 | 43.87 -1.49 -5.04 | 43.68 -1.48 -5.20 | 45.77 -1.62 -4.86 | 59.82 -2.26 -4.09 | 70.31 -2.84 -2.25 | 54.21 -2.24 -4.37 | 59.03 -2.50 -4.63 | 64.70 -2.78 -5.60 | 60.60 -2.50 -6.20 | 44.98 -1.68 -6.66 | 42.35 -1.72 -5.87 | 32.91 -1.20 -6.22 | 32.89 -1.17 -6.20 | 44.24 -1.90 -5.65 | 88.74 -4.43 -2.82 | 160.44 -8.26 -0.11 | 166.29 -8.38 0.00 | 111.31 -5.57 -3.07 | 93.61 -4.53 -3.79 | 70.43 -3.25 -4.43 | 54.62 -2.38 -5.27 | 55.47 -2.34 -4.53 |
| SITHE_IND_GS4 24172 | 51.01 -1.83 -4.75 | 54.29 -2.08 -4.51 | 43.87 -1.49 -5.04 | 43.68 -1.48 -5.20 | 45.77 -1.62 -4.86 | 59.82 -2.26 -4.09 | 70.31 -2.84 -2.25 | 54.21 -2.24 -4.37 | 59.03 -2.50 -4.63 | 64.70 -2.78 -5.60 | 60.60 -2.50 -6.20 | 44.98 -1.68 -6.66 | 42.35 -1.72 -5.87 | 32.91 -1.20 -6.22 | 32.89 -1.17 -6.20 | 44.24 -1.90 -5.65 | 88.74 -4.43 -2.82 | 160.44 -8.26 -0.11 | 166.29 -8.38 0.00 | 111.31 -5.57 -3.07 | 93.61 -4.53 -3.79 | 70.43 -3.25 -4.43 | 54.62 -2.38 -5.27 | 55.47 -2.34 -4.53 |
| SITHE___BATAVIA 24024 | 57.09 -1.68 -10.69 | 59.97 -2.02 -10.14 | 50.41 -1.25 -11.34 | 50.33 -1.32 -11.70 | 51.84 -1.62 -10.93 | 65.28 -1.91 -9.20 | 73.55 -2.41 -5.06 | 58.62 -3.28 -9.82 | 62.98 -4.33 -10.40 | 69.47 -5.01 -12.59 | 66.35 -4.50 -13.94 | 52.50 -2.48 -14.97 | 48.46 -2.94 -13.20 | 39.98 -1.90 -13.99 | 39.96 -1.84 -13.93 | 49.76 -3.44 -12.71 | 87.84 -8.85 -6.34 | 152.82 -16.02 -0.26 | 158.77 -15.89 0.00 | 109.79 -10.93 -6.90 | 94.38 -8.49 -8.53 | 72.84 -6.37 -9.96 | 58.98 -4.60 -11.86 | 60.27 -3.20 -10.18 |
| SITHE___INDEPEND 23800 | 51.01 -1.83 -4.75 | 54.29 -2.08 -4.51 | 43.87 -1.49 -5.04 | 43.68 -1.48 -5.20 | 45.77 -1.62 -4.86 | 59.82 -2.26 -4.09 | 70.31 -2.84 -2.25 | 54.21 -2.24 -4.37 | 59.03 -2.50 -4.63 | 64.70 -2.78 -5.60 | 60.60 -2.50 -6.20 | 44.98 -1.68 -6.66 | 42.35 -1.72 -5.87 | 32.91 -1.20 -6.22 | 32.89 -1.17 -6.20 | 44.24 -1.90 -5.65 | 88.74 -4.43 -2.82 | 160.44 -8.26 -0.11 | 166.29 -8.38 0.00 | 111.31 -5.57 -3.07 | 93.61 -4.53 -3.79 | 70.43 -3.25 -4.43 | 54.62 -2.38 -5.27 | 55.47 -2.34 -4.53 |

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|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| SITHE___MASSENA 23902 | 47.03 -1.06 0.00 | 51.18 -0.68 0.00 | 39.27 -1.05 0.00 | 38.91 -1.04 0.00 | 41.58 -0.94 0.00 | 56.66 -1.33 0.00 | 70.05 -0.85 0.00 | 51.72 -0.36 0.00 | 56.45 -0.46 0.00 | 61.52 -0.37 0.00 | 56.51 -0.40 0.00 | 39.21 -0.80 0.00 | 38.00 -0.19 0.00 | 27.33 -0.56 0.00 | 27.31 -0.56 0.00 | 40.33 -0.16 0.00 | 90.35 0.00 0.00 | 168.58 0.00 0.00 | 174.32 -0.35 0.00 | 113.71 -0.11 0.00 | 94.15 -0.19 0.00 | 68.98 -0.28 0.00 | 51.58 -0.15 0.00 | 53.07 -0.21 0.00 |
| SITHE___OGDNSBRG 24021 | 47.70 -0.39 0.00 | 52.11 0.26 0.00 | 39.76 -0.56 0.00 | 39.43 -0.52 0.00 | 42.18 -0.34 0.00 | 57.41 -0.58 0.00 | 71.18 0.28 0.00 | 52.60 0.52 0.00 | 57.36 0.45 0.00 | 62.69 0.80 0.00 | 57.70 0.80 0.00 | 39.97 -0.04 0.00 | 38.88 0.69 0.00 | 27.89 0.00 0.00 | 27.83 -0.03 0.00 | 41.10 0.61 0.00 | 92.06 1.71 0.00 | 172.13 3.55 0.00 | 177.98 3.31 0.00 | 115.64 1.82 0.00 | 95.85 1.50 0.00 | 70.15 0.90 0.00 | 52.51 0.78 0.00 | 54.03 0.75 0.00 |
| SITHE___STERLING 23777 | 51.38 0.77 -2.53 | 55.04 0.78 -2.40 | 43.65 0.64 -2.69 | 43.36 0.64 -2.77 | 45.79 0.68 -2.59 | 61.16 0.98 -2.18 | 73.30 1.20 -1.20 | 55.14 0.73 -2.33 | 60.17 0.80 -2.47 | 65.86 0.99 -2.99 | 61.23 1.03 -3.30 | 44.36 0.80 -3.55 | 41.93 0.61 -3.13 | 31.68 0.47 -3.32 | 31.64 0.47 -3.30 | 44.03 0.53 -3.01 | 92.94 1.09 -1.50 | 171.18 2.53 -0.06 | 177.29 2.62 0.00 | 116.71 1.25 -1.63 | 97.50 1.14 -2.02 | 72.51 0.90 -2.36 | 55.11 0.57 -2.81 | 56.34 0.64 -2.41 |
| SOUTH CAIRO___GT 23612 | 135.42 4.76 -82.57 | 135.21 5.03 -78.33 | 131.86 3.95 -87.58 | 134.08 3.80 -90.33 | 131.04 4.08 -84.44 | 134.62 5.57 -71.06 | 116.75 6.81 -39.04 | 132.75 4.84 -75.82 | 142.82 5.58 -80.34 | 165.21 6.07 -97.25 | 170.18 5.63 -107.64 | 159.41 3.80 -115.60 | 143.86 3.70 -101.96 | 138.65 2.73 -108.02 | 138.17 2.70 -107.61 | 142.47 3.85 -98.13 | 147.61 8.31 -48.95 | 187.76 17.20 -1.97 | 192.13 17.46 0.00 | 178.25 11.16 -53.26 | 169.54 9.34 -65.85 | 152.95 6.79 -76.90 | 148.30 5.02 -91.55 | 136.78 4.90 -78.60 |
| SOUTH HAMPTN___IC 23720 | 131.20 7.40 -75.71 | 130.67 7.00 -71.82 | 126.31 5.69 -80.30 | 127.33 4.55 -82.83 | 125.30 5.36 -77.42 | 129.12 5.97 -65.16 | 117.59 10.85 -35.84 | 128.79 7.19 -69.52 | 138.25 7.68 -73.66 | 160.22 9.16 -89.17 | 166.68 8.53 -101.25 | 155.24 6.00 -109.23 | 141.49 5.69 -97.61 | 135.67 4.27 -103.52 | 135.23 4.21 -103.16 | 140.56 5.91 -94.16 | 153.58 14.37 -48.86 | 204.94 26.29 -10.07 | 205.50 27.94 -2.89 | 185.46 18.78 -52.86 | 172.62 14.52 -63.76 | 155.66 11.84 -74.57 | 149.16 8.33 -89.10 | 133.40 8.05 -72.06 |
| SOUTHOLD___IC 23719 | 132.50 8.71 -75.71 | 132.03 8.35 -71.82 | 127.36 6.73 -80.30 | 128.33 5.55 -82.83 | 126.37 6.42 -77.42 | 130.46 7.31 -65.16 | 119.23 12.48 -35.84 | 129.99 8.39 -69.52 | 139.55 8.99 -73.66 | 161.71 10.65 -89.17 | 168.05 9.90 -101.25 | 156.24 7.00 -109.24 | 142.45 6.65 -97.61 | 136.40 4.99 -103.52 | 135.87 4.85 -103.16 | 141.46 6.80 -94.16 | 155.75 16.54 -48.86 | 205.29 26.63 -10.07 | 205.85 28.29 -2.89 | 185.69 19.01 -52.86 | 172.81 14.71 -63.76 | 157.47 13.65 -74.57 | 150.45 9.62 -89.10 | 134.73 9.38 -72.06 |
| ST LAWRENCE___ 23600 | 46.83 -1.25 0.00 | 50.71 -1.14 0.00 | 39.15 -1.17 0.00 | 38.83 -1.12 0.00 | 41.41 -1.11 0.00 | 56.43 -1.56 0.00 | 69.34 -1.56 0.00 | 51.25 -0.84 0.00 | 55.94 -0.97 0.00 | 60.90 -0.99 0.00 | 55.94 -0.97 0.00 | 39.09 -0.92 0.00 | 37.62 -0.57 0.00 | 27.25 -0.64 0.00 | 27.22 -0.64 0.00 | 39.97 -0.53 0.00 | 89.53 -0.81 0.00 | 167.06 -1.52 0.00 | 172.75 -1.92 0.00 | 112.80 -1.03 0.00 | 93.40 -0.94 0.00 | 68.35 -0.90 0.00 | 51.06 -0.67 0.00 | 52.54 -0.75 0.00 |
| STATION 5_MISC_HYD 23604 | 55.76 -1.54 -9.22 | 58.73 -1.86 -8.75 | 48.93 -1.17 -9.78 | 48.76 -1.28 -10.09 | 50.46 -1.49 -9.43 | 64.07 -1.86 -7.93 | 72.78 -2.48 -4.36 | 57.89 -2.65 -8.47 | 62.52 -3.36 -8.97 | 68.97 -3.78 -10.86 | 65.51 -3.41 -12.02 | 50.79 -2.12 -12.91 | 47.17 -2.41 -11.38 | 38.33 -1.62 -12.06 | 38.29 -1.59 -12.01 | 48.66 -2.79 -10.96 | 89.04 -6.78 -5.47 | 156.84 -11.97 -0.22 | 162.78 -11.88 0.00 | 111.57 -8.20 -5.95 | 95.28 -6.42 -7.35 | 73.06 -4.78 -8.59 | 58.43 -3.52 -10.22 | 59.24 -2.83 -8.78 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 56.05 -1.20 -9.17 | 59.10 -1.45 -8.70 | 49.12 -0.93 -9.72 | 48.98 -1.00 -10.03 | 50.75 -1.15 -9.37 | 64.49 -1.39 -7.89 | 73.53 -1.70 -4.33 | 58.67 -1.82 -8.42 | 63.43 -2.39 -8.92 | 70.02 -2.66 -10.80 | 66.47 -2.39 -11.95 | 51.28 -1.56 -12.83 | 47.68 -1.83 -11.32 | 38.66 -1.23 -11.99 | 38.58 -1.23 -11.94 | 49.24 -2.15 -10.89 | 90.73 -5.06 -5.43 | 160.21 -8.59 -0.22 | 166.11 -8.55 0.00 | 113.70 -6.04 -5.91 | 96.84 -4.81 -7.31 | 74.33 -3.46 -8.54 | 59.31 -2.59 -10.16 | 59.82 -2.19 -8.72 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 55.32 -1.88 -9.11 | 58.32 -2.18 -8.64 | 48.53 -1.45 -9.66 | 48.40 -1.52 -9.97 | 50.09 -1.75 -9.32 | 63.63 -2.20 -7.84 | 72.30 -2.91 -4.31 | 57.53 -2.92 -8.36 | 62.12 -3.64 -8.86 | 68.60 -4.02 -10.73 | 65.14 -3.64 -11.87 | 50.48 -2.28 -12.75 | 46.88 -2.56 -11.25 | 38.08 -1.73 -11.92 | 38.01 -1.73 -11.87 | 48.37 -2.95 -10.82 | 88.70 -7.05 -5.40 | 156.33 -12.47 -0.22 | 162.27 -12.40 0.00 | 111.16 -8.54 -5.88 | 94.81 -6.79 -7.26 | 72.75 -4.99 -8.48 | 58.11 -3.73 -10.10 | 58.81 -3.14 -8.67 |
| STEEL___WIND 323596 | 58.76 -1.88 -12.55 | 61.53 -2.23 -11.91 | 52.14 -1.49 -13.31 | 52.17 -1.52 -13.73 | 53.61 -1.75 -12.84 | 66.65 -2.14 -10.80 | 74.14 -2.69 -5.94 | 60.17 -3.44 -11.53 | 64.56 -4.55 -12.21 | 71.41 -5.26 -14.78 | 68.55 -4.72 -16.36 | 55.14 -2.44 -17.57 | 50.79 -2.90 -15.50 | 42.50 -1.81 -16.42 | 42.47 -1.75 -16.36 | 51.93 -3.48 -14.92 | 88.57 -9.22 -7.44 | 151.52 -17.36 -0.30 | 157.20 -17.47 0.00 | 110.31 -11.61 -8.10 | 95.30 -9.06 -10.01 | 74.16 -6.78 -11.69 | 60.89 -4.76 -13.92 | 61.88 -3.36 -11.95 |
| STEBEN_REC_LFGE 323667 | 64.65 -0.05 -16.61 | 67.35 -0.26 -15.76 | 57.94 0.00 -17.62 | 58.08 -0.04 -18.17 | 59.38 -0.13 -16.99 | 72.46 0.17 -14.30 | 79.32 0.56 -7.85 | 66.92 -0.42 -15.25 | 72.04 -1.02 -16.16 | 80.15 -1.30 -19.56 | 77.31 -1.25 -21.65 | 62.62 -0.64 -23.25 | 57.52 -1.18 -20.51 | 48.90 -0.73 -21.73 | 48.70 -0.81 -21.65 | 58.41 -1.82 -19.74 | 95.41 -4.79 -9.85 | 160.56 -8.42 -0.40 | 166.81 -7.86 0.00 | 118.85 -5.69 -10.71 | 103.25 -4.34 -13.25 | 81.88 -2.84 -15.47 | 68.24 -1.91 -18.42 | 67.98 -1.12 -15.81 |
| STONY___BROOK 24151 | 128.60 4.81 -75.71 | 127.93 4.25 -71.82 | 124.21 3.59 -80.30 | 125.30 2.52 -82.83 | 123.17 3.23 -77.42 | 126.45 3.30 -65.16 | 114.12 7.37 -35.85 | 126.34 4.74 -69.52 | 135.57 5.01 -73.66 | 157.25 6.19 -89.17 | 164.20 5.92 -101.37 | 153.57 4.16 -109.40 | 139.95 3.93 -97.82 | 134.62 2.99 -103.74 | 134.20 2.95 -103.39 | 138.95 4.09 -94.37 | 149.35 9.94 -49.06 | 198.96 19.88 -10.49 | 198.83 21.13 -3.03 | 180.88 14.00 -53.06 | 169.02 10.75 -63.93 | 152.13 8.10 -74.77 | 146.83 5.74 -89.36 | 130.73 5.38 -72.06 |
| STURGEON_POOL_HYD 23609 | 129.15 3.56 -77.51 | 129.01 3.63 -73.53 | 125.39 2.86 -82.21 | 127.46 2.72 -84.79 | 124.67 2.89 -79.26 | 128.64 3.95 -66.70 | 112.66 5.11 -36.65 | 126.84 3.59 -71.17 | 136.35 4.04 -75.41 | 157.63 4.46 -91.28 | 162.09 4.15 -101.04 | 151.35 2.84 -108.51 | 136.65 2.75 -95.71 | 131.35 2.06 -101.40 | 130.90 2.03 -101.00 | 135.39 2.79 -92.11 | 142.62 6.32 -45.95 | 183.09 12.65 -1.85 | 187.94 13.27 0.00 | 172.58 8.77 -49.99 | 163.14 6.98 -61.81 | 146.64 5.20 -72.18 | 141.44 3.77 -85.93 | 130.73 3.67 -73.77 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 122.16 3.32 -70.76 | 122.35 3.37 -67.13 | 117.99 2.62 -75.05 | 119.84 2.48 -77.41 | 117.56 2.68 -72.36 | 122.55 3.66 -60.90 | 109.32 4.96 -33.46 | 120.49 3.44 -64.97 | 129.67 3.92 -68.85 | 149.50 4.27 -83.34 | 153.13 3.98 -92.24 | 141.83 2.76 -99.06 | 128.21 2.63 -87.38 | 122.47 2.01 -92.57 | 122.03 1.95 -92.21 | 127.30 2.71 -84.09 | 138.45 6.15 -41.95 | 182.42 12.15 -1.69 | 187.59 12.93 0.00 | 167.89 8.42 -45.64 | 157.47 6.70 -56.43 | 140.15 4.99 -65.90 | 133.75 3.57 -78.46 | 124.16 3.52 -67.35 |

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| SYNERGY___BIOGAS 323694 | 57.09 -1.68 -10.69 | 59.97 -2.02 -10.14 | 50.41 -1.25 -11.34 | 50.33 -1.32 -11.70 | 51.84 -1.62 -10.93 | 65.28 -1.91 -9.20 | 73.55 -2.41 -5.06 | 58.62 -3.28 -9.82 | 62.98 -4.33 -10.40 | 69.47 -5.01 -12.59 | 66.35 -4.50 -13.94 | 52.50 -2.48 -14.97 | 48.46 -2.94 -13.20 | 39.98 -1.90 -13.99 | 39.96 -1.84 -13.93 | 49.76 -3.44 -12.71 | 87.84 -8.85 -6.34 | 152.82 -16.02 -0.26 | 158.77 -15.89 0.00 | 109.79 -10.93 -6.90 | 94.38 -8.49 -8.53 | 72.84 -6.37 -9.96 | 58.98 -4.60 -11.86 | 60.27 -3.20 -10.18 |
| SYRACUSE___ENERGY_ST1 323597 | 54.79 -0.82 -7.52 | 58.06 -0.93 -7.14 | 47.70 -0.60 -7.98 | 47.54 -0.64 -8.23 | 49.53 -0.68 -7.69 | 63.53 -0.93 -6.47 | 73.25 -1.21 -3.56 | 57.89 -1.10 -6.91 | 62.92 -1.31 -7.32 | 69.33 -1.42 -8.86 | 65.46 -1.25 -9.81 | 49.70 -0.84 -10.53 | 46.53 -0.95 -9.29 | 37.09 -0.64 -9.84 | 37.03 -0.64 -9.80 | 48.30 -1.13 -8.94 | 92.10 -2.71 -4.46 | 164.04 -4.72 -0.18 | 169.96 -4.71 0.00 | 115.37 -3.30 -4.85 | 97.70 -2.64 -6.00 | 74.53 -1.73 -7.01 | 58.78 -1.29 -8.34 | 59.22 -1.22 -7.16 |
| SYRACUSE___ENERGY_ST2 323598 | 54.79 -0.82 -7.52 | 58.06 -0.93 -7.14 | 47.70 -0.60 -7.98 | 47.54 -0.64 -8.23 | 49.53 -0.68 -7.69 | 63.53 -0.93 -6.47 | 73.25 -1.21 -3.56 | 57.89 -1.10 -6.91 | 62.92 -1.31 -7.32 | 69.33 -1.42 -8.86 | 65.46 -1.25 -9.81 | 49.70 -0.84 -10.53 | 46.53 -0.95 -9.29 | 37.09 -0.64 -9.84 | 37.03 -0.64 -9.80 | 48.30 -1.13 -8.94 | 92.10 -2.71 -4.46 | 164.04 -4.72 -0.18 | 169.96 -4.71 0.00 | 115.37 -3.30 -4.85 | 97.70 -2.64 -6.00 | 74.53 -1.73 -7.01 | 58.78 -1.29 -8.34 | 59.22 -1.22 -7.16 |
| SYRACUSE___POWER 24017 | 55.20 -0.53 -7.64 | 58.48 -0.62 -7.25 | 48.03 -0.40 -8.11 | 47.91 -0.40 -8.36 | 49.87 -0.47 -7.82 | 63.99 -0.58 -6.58 | 73.81 -0.71 -3.61 | 58.42 -0.68 -7.02 | 63.49 -0.85 -7.44 | 69.97 -0.93 -9.00 | 66.07 -0.80 -9.96 | 50.15 -0.56 -10.70 | 46.98 -0.65 -9.44 | 37.47 -0.42 -10.00 | 37.41 -0.42 -9.96 | 48.77 -0.81 -9.08 | 92.89 -1.99 -4.53 | 165.40 -3.37 -0.18 | 171.34 -3.32 0.00 | 116.36 -2.40 -4.93 | 98.45 -1.99 -6.10 | 75.13 -1.24 -7.12 | 59.22 -0.98 -8.48 | 59.66 -0.91 -7.28 |
| TRIGEN___CC 323695 | 128.19 4.38 -75.73 | 127.64 3.94 -71.85 | 124.03 3.39 -80.32 | 125.28 2.48 -82.85 | 123.11 3.15 -77.45 | 126.71 3.54 -65.18 | 114.10 7.02 -36.18 | 126.10 4.48 -69.54 | 135.20 4.61 -73.68 | 156.65 5.57 -89.19 | 180.95 5.58 -118.46 | 175.01 3.88 -131.12 | 167.32 3.70 -125.42 | 164.37 2.79 -133.69 | 164.14 2.76 -133.52 | 166.72 3.81 -122.42 | 174.76 8.67 -75.73 | 251.35 16.86 -65.91 | 214.94 17.82 -22.45 | 205.49 11.73 -79.94 | 190.28 9.34 -86.59 | 178.15 6.92 -101.97 | 180.80 5.17 -123.89 | 130.38 5.01 -72.08 |
| UNION___PROCESSING_DRP 323587 | 55.66 -1.68 -9.27 | 58.62 -2.02 -8.79 | 48.82 -1.33 -9.83 | 48.69 -1.40 -10.14 | 50.38 -1.62 -9.48 | 63.93 -2.03 -7.97 | 72.59 -2.69 -4.38 | 57.78 -2.81 -8.51 | 62.34 -3.58 -9.01 | 68.78 -4.02 -10.91 | 65.34 -3.64 -12.08 | 50.74 -2.24 -12.97 | 47.11 -2.52 -11.44 | 38.31 -1.70 -12.12 | 38.27 -1.67 -12.07 | 48.55 -2.95 -11.01 | 88.70 -7.14 -5.49 | 156.16 -12.65 -0.22 | 162.09 -12.58 0.00 | 111.14 -8.66 -5.98 | 94.94 -6.79 -7.39 | 72.83 -5.05 -8.63 | 58.33 -3.67 -10.27 | 59.12 -2.98 -8.82 |
| UPPER HUDSON___HYD 24058 | 153.52 4.28 -101.16 | 152.22 4.40 -95.97 | 151.08 3.47 -107.29 | 154.09 3.47 -110.67 | 149.62 3.66 -103.45 | 149.86 4.81 -87.06 | 124.90 6.17 -47.83 | 149.55 4.58 -92.88 | 160.90 5.58 -98.42 | 186.97 5.94 -119.14 | 194.18 5.41 -131.87 | 185.75 4.12 -141.62 | 166.92 3.82 -124.91 | 162.99 2.76 -132.34 | 162.53 2.84 -131.82 | 164.80 4.09 -120.21 | 159.54 9.22 -59.97 | 188.20 17.20 -2.42 | 191.79 17.13 0.00 | 190.00 10.93 -65.25 | 184.36 9.34 -80.67 | 170.11 6.65 -94.21 | 168.70 4.81 -112.16 | 154.26 4.69 -96.29 |
| UPPER RAQUET___HYD 24056 | 47.17 -0.92 0.00 | 51.59 -0.26 0.00 | 39.32 -1.01 0.00 | 38.99 -0.96 0.00 | 41.71 -0.81 0.00 | 56.83 -1.16 0.00 | 70.55 -0.35 0.00 | 51.98 -0.10 0.00 | 56.45 -0.46 0.00 | 61.70 -0.19 0.00 | 56.73 -0.17 0.00 | 39.21 -0.80 0.00 | 38.39 0.19 0.00 | 27.44 -0.45 0.00 | 27.42 -0.45 0.00 | 40.33 -0.16 0.00 | 90.17 -0.18 0.00 | 168.08 -0.50 0.00 | 173.80 -0.87 0.00 | 113.03 -0.79 0.00 | 93.97 -0.38 0.00 | 68.98 -0.28 0.00 | 51.89 0.16 0.00 | 53.50 0.21 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 84.28 3.89 -32.30 | 86.75 4.25 -30.65 | 77.93 3.34 -34.26 | 78.68 3.39 -35.34 | 79.17 3.61 -33.03 | 90.49 4.70 -27.80 | 91.56 5.39 -15.27 | 85.44 3.70 -29.66 | 92.49 4.15 -31.43 | 104.70 4.77 -38.05 | 103.51 4.49 -42.11 | 88.59 3.36 -45.22 | 81.02 2.94 -39.89 | 72.35 2.20 -42.26 | 72.16 2.20 -42.10 | 81.84 2.95 -38.39 | 116.09 6.59 -19.15 | 182.34 12.98 -0.77 | 188.46 13.80 0.00 | 142.86 8.20 -20.84 | 127.09 6.98 -25.76 | 104.54 5.20 -30.08 | 91.22 3.67 -35.82 | 87.87 3.84 -30.75 |
| VISCHER___FERRY HYD 24020 | 151.64 3.80 -99.76 | 150.43 3.94 -94.64 | 149.24 3.11 -105.81 | 152.16 3.08 -109.14 | 147.77 3.23 -102.02 | 148.25 4.41 -85.86 | 123.60 5.53 -47.17 | 147.69 4.01 -91.60 | 158.63 4.67 -97.06 | 184.39 5.01 -117.49 | 191.56 4.61 -130.05 | 183.07 3.40 -139.66 | 164.55 3.17 -123.18 | 160.71 2.31 -130.51 | 160.21 2.34 -130.00 | 162.41 3.36 -118.55 | 156.72 7.23 -59.14 | 184.46 13.49 -2.38 | 188.30 13.63 0.00 | 186.94 8.77 -64.35 | 181.35 7.45 -79.56 | 167.57 5.41 -92.91 | 166.48 4.14 -110.61 | 152.34 4.10 -94.95 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 124.87 3.65 -73.13 | 124.91 3.68 -69.38 | 120.75 2.86 -77.56 | 122.67 2.72 -80.00 | 120.24 2.93 -74.78 | 124.93 4.00 -62.94 | 110.94 5.46 -34.58 | 123.09 3.85 -67.15 | 132.38 4.32 -71.15 | 152.72 4.70 -86.13 | 156.62 4.38 -95.33 | 145.42 3.04 -102.38 | 131.40 2.90 -90.30 | 125.76 2.20 -95.67 | 125.34 2.17 -95.30 | 130.40 3.00 -86.90 | 140.57 6.86 -43.36 | 183.65 13.32 -1.75 | 188.99 14.33 0.00 | 170.43 9.44 -47.17 | 160.11 7.45 -58.32 | 142.90 5.54 -68.11 | 136.80 3.98 -81.08 | 126.84 3.94 -69.61 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 128.01 4.23 -75.70 | 127.96 4.30 -71.80 | 123.95 3.34 -80.28 | 125.91 3.16 -82.80 | 123.28 3.36 -77.40 | 127.78 4.64 -65.14 | 113.01 6.31 -35.80 | 125.96 4.38 -69.50 | 135.49 4.95 -73.64 | 156.48 5.45 -89.14 | 160.64 5.06 -98.67 | 149.53 3.56 -105.96 | 135.02 3.36 -93.46 | 129.48 2.56 -99.02 | 129.01 2.51 -98.64 | 133.88 3.44 -89.95 | 143.18 7.95 -44.87 | 185.89 15.50 -1.81 | 191.08 16.41 0.00 | 173.57 10.93 -48.82 | 163.38 8.67 -60.36 | 146.11 6.37 -70.49 | 140.31 4.66 -83.92 | 129.97 4.63 -72.05 |
| WADING RIVER_IC_1 23522 | 129.18 5.38 -75.71 | 128.55 4.87 -71.82 | 124.70 4.07 -80.30 | 125.78 3.00 -82.83 | 123.69 3.74 -77.42 | 127.09 3.95 -65.16 | 114.96 8.22 -35.84 | 126.86 5.26 -69.52 | 136.15 5.58 -73.66 | 157.87 6.81 -89.17 | 164.56 6.43 -101.23 | 153.74 4.52 -109.21 | 140.09 4.31 -97.58 | 134.61 3.23 -103.49 | 134.20 3.20 -103.13 | 139.08 4.45 -94.13 | 150.11 10.93 -48.84 | 200.02 21.41 -10.02 | 200.23 22.70 -2.87 | 181.79 15.14 -52.83 | 169.68 11.60 -63.74 | 152.80 9.00 -74.54 | 147.10 6.31 -89.06 | 131.32 5.97 -72.06 |
| WADING RIVER_IC_2 23547 | 129.18 5.38 -75.71 | 128.55 4.87 -71.82 | 124.70 4.07 -80.30 | 125.78 3.00 -82.83 | 123.69 3.74 -77.42 | 127.09 3.95 -65.16 | 114.96 8.22 -35.84 | 126.86 5.26 -69.52 | 136.15 5.58 -73.66 | 157.87 6.81 -89.17 | 164.56 6.43 -101.23 | 153.74 4.52 -109.21 | 140.09 4.31 -97.58 | 134.61 3.23 -103.49 | 134.20 3.20 -103.13 | 139.08 4.45 -94.13 | 150.11 10.93 -48.84 | 200.02 21.41 -10.02 | 200.23 22.70 -2.87 | 181.79 15.14 -52.83 | 169.68 11.60 -63.74 | 152.80 9.00 -74.54 | 147.10 6.31 -89.06 | 131.32 5.97 -72.06 |
| WADING RIVER_IC_3 23601 | 129.18 5.38 -75.71 | 128.55 4.87 -71.82 | 124.70 4.07 -80.30 | 125.78 3.00 -82.83 | 123.69 3.74 -77.42 | 127.09 3.95 -65.16 | 114.96 8.22 -35.84 | 126.86 5.26 -69.52 | 136.15 5.58 -73.66 | 157.87 6.81 -89.17 | 164.56 6.43 -101.23 | 153.74 4.52 -109.21 | 140.09 4.31 -97.58 | 134.61 3.23 -103.49 | 134.20 3.20 -103.13 | 139.08 4.45 -94.13 | 150.11 10.93 -48.84 | 200.02 21.41 -10.02 | 200.23 22.70 -2.87 | 181.79 15.14 -52.83 | 169.68 11.60 -63.74 | 152.80 9.00 -74.54 | 147.10 6.31 -89.06 | 131.32 5.97 -72.06 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| WALDEN___HYDRO 24148 | 126.35 3.65 -74.62 | 126.32 3.68 -70.79 | 122.33 2.86 -79.14 | 124.30 2.72 -81.63 | 121.75 2.93 -76.30 | 126.26 4.06 -64.22 | 111.64 5.46 -35.28 | 124.45 3.85 -68.51 | 133.88 4.38 -72.60 | 154.60 4.83 -87.88 | 158.61 4.44 -97.27 | 147.51 3.04 -104.46 | 133.27 2.94 -92.14 | 127.74 2.23 -97.61 | 127.30 2.20 -97.24 | 132.20 3.04 -88.67 | 141.45 6.86 -44.24 | 184.02 13.65 -1.78 | 189.16 14.49 0.00 | 171.39 9.44 -48.13 | 161.49 7.64 -59.51 | 144.35 5.61 -69.49 | 138.44 3.98 -82.73 | 128.20 3.89 -71.02 |
| WARRENSBURG___ 23737 | 153.52 4.28 -101.16 | 152.22 4.40 -95.97 | 151.08 3.47 -107.29 | 154.09 3.47 -110.67 | 149.62 3.66 -103.45 | 149.86 4.81 -87.06 | 124.90 6.17 -47.83 | 149.55 4.58 -92.88 | 160.90 5.58 -98.42 | 186.97 5.94 -119.14 | 194.18 5.41 -131.87 | 185.75 4.12 -141.62 | 166.92 3.82 -124.91 | 162.99 2.76 -132.34 | 162.53 2.84 -131.82 | 164.80 4.09 -120.21 | 159.54 9.22 -59.97 | 188.20 17.20 -2.42 | 191.79 17.13 0.00 | 190.00 10.93 -65.25 | 184.36 9.34 -80.67 | 170.11 6.65 -94.21 | 168.70 4.81 -112.16 | 154.26 4.69 -96.29 |
| WATERSIDE___6 8 9 23538 | 128.22 4.42 -75.71 | 128.18 4.51 -71.82 | 124.17 3.55 -80.29 | 126.09 3.31 -82.82 | 123.46 3.53 -77.42 | 127.96 4.81 -65.16 | 113.10 6.38 -35.81 | 125.97 4.38 -69.51 | 135.39 4.83 -73.65 | 156.43 5.38 -89.16 | 160.60 5.01 -98.69 | 149.51 3.52 -105.98 | 135.00 3.32 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.86 3.40 -89.96 | 143.09 7.86 -44.88 | 185.73 15.34 -1.81 | 191.08 16.41 0.00 | 173.58 10.93 -48.83 | 163.30 8.58 -60.37 | 146.13 6.37 -70.50 | 140.28 4.60 -83.94 | 130.04 4.69 -72.07 |
| WDELAWARE___HYD 323627 | 118.02 1.34 -68.59 | 118.22 1.30 -65.07 | 114.08 1.01 -72.75 | 115.86 0.88 -75.04 | 113.64 0.98 -70.14 | 118.35 1.33 -59.03 | 105.25 1.92 -32.43 | 116.36 1.30 -62.98 | 125.29 1.65 -66.73 | 144.52 1.85 -80.78 | 148.14 1.82 -89.41 | 137.15 1.12 -96.02 | 124.03 1.14 -84.69 | 118.54 0.92 -89.73 | 118.11 0.86 -89.38 | 123.14 1.13 -81.51 | 133.63 2.62 -40.66 | 176.28 6.06 -1.64 | 181.13 6.47 0.00 | 162.05 3.98 -44.24 | 152.25 3.21 -54.70 | 135.41 2.28 -63.88 | 129.33 1.55 -76.05 | 119.90 1.33 -65.28 |
| WEST BABYLON___IC 23714 | 129.33 5.53 -75.72 | 128.77 5.08 -71.83 | 124.90 4.27 -80.31 | 126.02 3.23 -82.83 | 123.94 4.00 -77.43 | 127.56 4.41 -65.16 | 115.32 8.50 -35.92 | 127.23 5.63 -69.52 | 136.49 5.92 -73.67 | 158.24 7.18 -89.17 | 168.77 6.83 -105.04 | 158.86 4.80 -114.06 | 146.51 4.58 -103.74 | 141.49 3.43 -110.16 | 141.11 3.40 -109.85 | 145.61 4.74 -100.38 | 156.33 11.20 -54.78 | 212.54 21.58 -22.37 | 204.56 22.70 -7.20 | 187.67 15.02 -58.82 | 174.92 11.79 -68.79 | 158.80 8.94 -80.60 | 154.96 6.47 -96.76 | 131.53 6.18 -72.07 |
| WEST CANADA___HYD 24049 | 46.55 0.38 1.92 | 50.44 0.41 1.82 | 38.65 0.36 2.04 | 38.21 0.36 2.10 | 40.94 0.38 1.96 | 56.80 0.46 1.65 | 70.56 0.56 0.91 | 50.69 0.37 1.76 | 55.44 0.40 1.87 | 60.07 0.44 2.26 | 54.80 0.40 2.50 | 37.68 0.36 2.69 | 36.13 0.30 2.37 | 25.63 0.25 2.51 | 25.61 0.25 2.50 | 38.54 0.32 2.28 | 89.76 0.55 1.14 | 169.56 1.02 0.05 | 175.72 1.05 0.00 | 113.16 0.57 1.24 | 93.38 0.57 1.53 | 67.96 0.49 1.79 | 49.97 0.36 2.13 | 51.84 0.38 1.83 |
| WESTERN_NY_WIND 24143 | 57.15 -1.68 -10.75 | 59.98 -2.08 -10.20 | 50.43 -1.29 -11.40 | 50.35 -1.36 -11.76 | 51.86 -1.66 -10.99 | 65.27 -1.97 -9.25 | 73.50 -2.48 -5.08 | 58.62 -3.33 -9.87 | 62.98 -4.38 -10.46 | 69.48 -5.07 -12.66 | 66.37 -4.55 -14.02 | 52.54 -2.52 -15.05 | 48.49 -2.98 -13.28 | 40.03 -1.92 -14.07 | 40.01 -1.87 -14.01 | 49.79 -3.48 -12.78 | 87.78 -8.95 -6.37 | 152.66 -16.18 -0.26 | 158.43 -16.24 0.00 | 109.72 -11.04 -6.93 | 94.33 -8.58 -8.57 | 72.83 -6.44 -10.01 | 59.00 -4.66 -11.92 | 60.27 -3.25 -10.23 |
| WESTOVER___LESR 323668 | 72.56 0.19 -24.29 | 75.10 0.21 -23.04 | 66.33 0.24 -25.76 | 66.76 0.24 -26.57 | 67.57 0.21 -24.84 | 79.30 0.41 -20.90 | 82.95 0.56 -11.48 | 74.44 0.05 -22.30 | 80.36 -0.17 -23.63 | 90.25 -0.25 -28.60 | 88.34 -0.23 -31.66 | 73.97 -0.04 -34.00 | 67.96 -0.23 -29.99 | 59.61 -0.06 -31.77 | 59.46 -0.06 -31.65 | 68.95 -0.40 -28.86 | 103.57 -1.18 -14.40 | 166.46 -2.70 -0.58 | 172.39 -2.28 0.00 | 127.78 -1.70 -15.67 | 112.48 -1.23 -19.37 | 91.25 -0.62 -22.62 | 78.24 -0.42 -26.93 | 76.30 -0.11 -23.12 |
| WETHRSFD_WT_PWR 323626 | 60.51 -1.59 -14.01 | 63.28 -1.86 -13.29 | 53.93 -1.25 -14.86 | 54.04 -1.24 -15.33 | 55.40 -1.45 -14.33 | 68.31 -1.74 -12.06 | 75.47 -2.06 -6.62 | 62.13 -2.81 -12.87 | 66.84 -3.70 -13.63 | 74.00 -4.39 -16.50 | 71.24 -3.93 -18.26 | 57.50 -2.12 -19.62 | 52.94 -2.56 -17.30 | 44.63 -1.59 -18.33 | 44.53 -1.59 -18.26 | 54.03 -3.12 -16.65 | 90.52 -8.13 -8.31 | 153.58 -15.34 -0.33 | 159.47 -15.20 0.00 | 112.62 -10.24 -9.04 | 97.50 -8.02 -11.17 | 76.49 -5.82 -13.05 | 63.23 -4.04 -15.53 | 63.80 -2.83 -13.34 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 124.67 3.36 -73.22 | 124.68 3.37 -69.46 | 120.64 2.66 -77.66 | 122.53 2.48 -80.10 | 120.08 2.68 -74.87 | 124.66 3.66 -63.01 | 110.63 5.11 -34.62 | 122.86 3.54 -67.23 | 132.12 3.98 -71.24 | 152.45 4.33 -86.23 | 156.33 3.98 -95.45 | 145.31 2.80 -102.50 | 131.28 2.67 -90.41 | 125.71 2.04 -95.79 | 125.29 2.01 -95.42 | 130.26 2.76 -87.01 | 140.08 6.32 -43.41 | 182.63 12.30 -1.75 | 187.77 13.11 0.00 | 169.82 8.77 -47.23 | 159.62 6.88 -58.39 | 142.57 5.12 -68.19 | 136.58 3.67 -81.18 | 126.60 3.63 -69.69 |
| YORK___WARBASSE 23770 | 128.41 4.62 -75.71 | 128.39 4.72 -71.82 | 124.29 3.67 -80.29 | 126.21 3.44 -82.82 | 123.59 3.66 -77.42 | 128.02 4.87 -65.16 | 113.10 6.38 -35.81 | 125.92 4.32 -69.51 | 135.28 4.72 -73.65 | 156.37 5.32 -89.16 | 160.54 4.95 -98.69 | 149.51 3.52 -105.98 | 134.96 3.29 -93.48 | 129.47 2.54 -99.04 | 129.00 2.48 -98.65 | 133.82 3.36 -89.96 | 143.09 7.86 -44.88 | 186.07 15.68 -1.81 | 191.44 16.77 0.00 | 173.92 11.27 -48.83 | 163.68 8.97 -60.37 | 146.34 6.58 -70.50 | 140.49 4.81 -83.94 | 130.31 4.96 -72.07 |