

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/17/2025

| 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 | 123.25 | 102.89 | 96.75 | 98.56 | 100.26 | 105.54 | 114.84 | 153.34 | 145.09 | 117.02 | 97.94 | 92.28 | 91.06 | 89.95 | 94.37 | 101.58 | 94.13 | 123.85 | 106.82 | 97.53 | 98.23 | 91.54 | 86.59 | 91.45 |
| 24138 | 10.74 | 8.22 | 7.35 | 7.76 | 7.57 | 7.73 | 8.74 | 12.96 | 13.09 | 9.67 | 9.29 | 9.29 | 8.95 | 8.77 | 9.43 | 7.62 | 7.55 | 7.71 | 7.69 | 7.76 | 7.85 | 7.52 | 7.54 | 6.73 |
| | -7.29 | -9.04 | -10.32 | -4.62 | -6.68 | -12.80 | -18.73 | -15.79 | -4.91 | -20.26 | -3.47 | 0.00 | 0.00 | 0.00 | 0.00 | -23.40 | -16.08 | -45.43 | -28.57 | -19.22 | -19.69 | -13.77 | -8.65 | -14.61 |
| 74TH STREET_GT_1 | 123.14 | 102.90 | 96.83 | 98.65 | 100.35 | 105.55 | 114.84 | 153.22 | 145.09 | 117.02 | 98.02 | 92.20 | 90.97 | 89.95 | 94.37 | 101.59 | 94.13 | 123.34 | 106.75 | 97.54 | 98.24 | 91.61 | 86.73 | 91.52 |
| 24260 | 10.63 | 8.22 | 7.43 | 7.84 | 7.65 | 7.74 | 8.74 | 12.83 | 13.09 | 9.67 | 9.37 | 9.21 | 8.87 | 8.77 | 9.43 | 7.62 | 7.54 | 7.71 | 7.62 | 7.76 | 7.85 | 7.59 | 7.67 | 6.80 |
| | -7.29 | -9.04 | -10.32 | -4.62 | -6.68 | -12.80 | -18.74 | -15.80 | -4.91 | -20.26 | -3.47 | 0.00 | 0.00 | 0.00 | 0.00 | -23.40 | -16.09 | -44.91 | -28.57 | -19.22 | -19.69 | -13.77 | -8.65 | -14.61 |
| 74TH STREET_GT_2 | 123.14 | 102.90 | 96.83 | 98.65 | 100.35 | 105.55 | 114.84 | 153.22 | 145.09 | 117.02 | 98.02 | 92.20 | 90.97 | 89.95 | 94.37 | 101.59 | 94.13 | 123.34 | 106.75 | 97.54 | 98.24 | 91.61 | 86.73 | 91.52 |
| 24261 | 10.63 | 8.22 | 7.43 | 7.84 | 7.65 | 7.74 | 8.74 | 12.83 | 13.09 | 9.67 | 9.37 | 9.21 | 8.87 | 8.77 | 9.43 | 7.62 | 7.54 | 7.71 | 7.62 | 7.76 | 7.85 | 7.59 | 7.67 | 6.80 |
| | -7.29 | -9.04 | -10.32 | -4.62 | -6.68 | -12.80 | -18.74 | -15.80 | -4.91 | -20.26 | -3.47 | 0.00 | 0.00 | 0.00 | 0.00 | -23.40 | -16.09 | -44.91 | -28.57 | -19.22 | -19.69 | -13.77 | -8.65 | -14.61 |
| ADK HUDSON___FALLS | 157.83 | 147.94 | 149.22 | 120.23 | 133.21 | 171.48 | 212.34 | 233.12 | 166.31 | 127.00 | 93.24 | 89.21 | 88.26 | 87.35 | 91.40 | 112.67 | 136.14 | 194.51 | 183.87 | 146.65 | 139.16 | 126.88 | 107.42 | 123.96 |
| 24011 | 6.10 | 4.62 | 4.27 | 4.57 | 4.56 | 4.76 | 5.42 | 7.72 | 7.88 | 6.71 | 6.39 | 6.22 | 6.16 | 6.17 | 6.46 | 5.65 | 4.51 | 4.67 | 4.73 | 4.66 | 4.60 | 4.29 | 4.15 | 3.79 |
| | -46.50 | -57.68 | -65.88 | -29.48 | -42.64 | -81.71 | -119.55 | -100.81 | -31.35 | -33.21 | -1.67 | 0.00 | 0.00 | 0.00 | 0.00 | -36.46 | -61.13 | -119.12 | -108.58 | -71.44 | -63.86 | -52.34 | -32.86 | -50.06 |
| ADK RESOURCE___RCVRY | 158.18 | 148.24 | 149.57 | 120.47 | 133.43 | 171.99 | 213.15 | 233.91 | 166.74 | 127.39 | 93.50 | 89.46 | 88.51 | 87.59 | 91.65 | 113.01 | 136.55 | 195.12 | 184.56 | 147.04 | 139.56 | 127.19 | 107.57 | 124.17 |
| 23798 | 6.21 | 4.62 | 4.27 | 4.65 | 4.56 | 4.84 | 5.60 | 7.98 | 8.14 | 6.97 | 6.65 | 6.48 | 6.41 | 6.41 | 6.71 | 5.85 | 4.65 | 4.81 | 4.94 | 4.73 | 4.74 | 4.36 | 4.15 | 3.78 |
| | -46.74 | -57.98 | -66.23 | -29.64 | -42.87 | -82.14 | -120.18 | -101.34 | -31.51 | -33.32 | -1.67 | 0.00 | 0.00 | 0.00 | 0.00 | -36.59 | -61.40 | -119.59 | -109.06 | -71.76 | -64.13 | -52.58 | -33.01 | -50.27 |
| ADK S GLENS___FALLS | 157.83 | 147.94 | 149.22 | 120.23 | 133.21 | 171.48 | 212.34 | 233.12 | 166.31 | 127.00 | 93.24 | 89.21 | 88.26 | 87.35 | 91.40 | 112.67 | 136.14 | 194.51 | 183.87 | 146.65 | 139.16 | 126.88 | 107.42 | 123.96 |
| 24028 | 6.10 | 4.62 | 4.27 | 4.57 | 4.56 | 4.76 | 5.42 | 7.72 | 7.88 | 6.71 | 6.39 | 6.22 | 6.16 | 6.17 | 6.46 | 5.65 | 4.51 | 4.67 | 4.73 | 4.66 | 4.60 | 4.29 | 4.15 | 3.79 |
| | -46.50 | -57.68 | -65.88 | -29.48 | -42.64 | -81.71 | -119.55 | -100.81 | -31.35 | -33.21 | -1.67 | 0.00 | 0.00 | 0.00 | 0.00 | -36.46 | -61.13 | -119.12 | -108.58 | -71.44 | -63.86 | -52.34 | -32.86 | -50.06 |
| ADK_NYS___DAM | 149.06 | 136.40 | 135.25 | 115.94 | 125.46 | 153.58 | 184.65 | 210.88 | 161.45 | 123.54 | 95.07 | 90.46 | 89.25 | 88.24 | 92.75 | 108.51 | 124.93 | 175.14 | 162.19 | 133.46 | 128.57 | 118.08 | 103.11 | 116.19 |
| 23527 | 9.26 | 7.87 | 7.19 | 7.84 | 7.74 | 7.82 | 8.39 | 11.34 | 11.05 | 8.01 | 7.83 | 7.47 | 7.14 | 7.06 | 7.81 | 6.42 | 6.70 | 6.79 | 6.84 | 6.99 | 7.07 | 6.96 | 7.04 | 6.52 |
| | -34.57 | -42.89 | -48.99 | -21.92 | -31.71 | -60.75 | -88.89 | -74.95 | -23.31 | -28.45 | -2.06 | 0.00 | 0.00 | 0.00 | 0.00 | -31.52 | -47.73 | -97.63 | -84.78 | -55.92 | -50.81 | -40.87 | -25.66 | -39.56 |
| AIR_PRODUCTS___DRP | 134.91 | 120.26 | 117.70 | 105.87 | 112.55 | 132.03 | 154.20 | 182.88 | 149.09 | 109.76 | 90.63 | 87.13 | 86.21 | 85.24 | 89.10 | 93.76 | 110.32 | 155.36 | 139.14 | 116.93 | 114.17 | 104.86 | 93.47 | 105.02 |
| 24190 | 5.16 | 4.20 | 3.87 | 4.14 | 4.04 | 3.91 | 3.76 | 5.11 | 5.46 | 4.18 | 4.26 | 4.15 | 4.11 | 4.06 | 4.16 | 2.82 | 2.68 | 2.62 | 2.61 | 2.68 | 2.69 | 2.81 | 3.10 | 3.51 |
| | -24.53 | -30.43 | -34.76 | -15.55 | -22.50 | -43.11 | -63.08 | -53.19 | -16.54 | -18.49 | -1.18 | 0.00 | 0.00 | 0.00 | 0.00 | -20.38 | -37.14 | -82.03 | -65.97 | -43.70 | -40.78 | -31.80 | -19.97 | -31.40 |
| AKWESSNE_115KV_BK | 103.54 | 84.44 | 78.20 | 85.15 | 84.89 | 83.31 | 84.92 | 121.60 | 123.91 | 84.74 | 83.14 | 80.83 | 80.05 | 79.15 | 82.56 | 69.15 | 69.16 | 69.09 | 69.08 | 69.00 | 69.00 | 69.13 | 69.14 | 69.27 |
| 355683 | -1.68 | -1.20 | -0.87 | -1.03 | -1.12 | -1.70 | -2.45 | -2.99 | -3.18 | -2.35 | -2.04 | -2.16 | -2.05 | -2.03 | -2.38 | -1.41 | -1.34 | -1.63 | -1.48 | -1.55 | -1.70 | -1.12 | -1.27 | -0.84 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 128.95 | 112.64 | 108.82 | 102.10 | 106.94 | 121.13 | 138.12 | 169.56 | 145.10 | 104.89 | 89.91 | 86.89 | 86.05 | 85.08 | 89.10 | 89.19 | 103.63 | 144.90 | 127.09 | 109.19 | 107.89 | 99.20 | 89.96 | 99.57 |
| 323833 | 5.68 | 4.62 | 4.19 | 4.48 | 4.38 | 4.42 | 4.37 | 5.86 | 5.85 | 3.92 | 3.74 | 3.90 | 3.94 | 3.90 | 4.16 | 3.32 | 3.18 | 3.25 | 3.32 | 3.25 | 3.32 | 3.30 | 3.45 | 3.64 |
| | -18.04 | -22.38 | -25.56 | -11.44 | -16.55 | -31.70 | -46.39 | -39.11 | -12.16 | -13.88 | -0.98 | 0.00 | 0.00 | 0.00 | 0.00 | -15.31 | -29.96 | -70.92 | -53.21 | -35.39 | -33.87 | -25.65 | -16.10 | -25.81 |
| ALBANY_2_SOLAR | 128.93 | 112.54 | 108.80 | 102.09 | 106.93 | 121.02 | 138.09 | 169.41 | 144.97 | 104.87 | 89.91 | 86.80 | 85.97 | 85.08 | 89.10 | 89.10 | 103.62 | 144.88 | 127.00 | 109.17 | 107.88 | 99.20 | 89.95 | 99.49 |
| 323834 | 5.68 | 4.54 | 4.19 | 4.48 | 4.38 | 4.33 | 4.37 | 5.73 | 5.72 | 3.92 | 3.74 | 3.82 | 3.86 | 3.90 | 4.16 | 3.25 | 3.18 | 3.25 | 3.25 | 3.25 | 3.32 | 3.30 | 3.45 | 3.57 |
| | -18.03 | -22.37 | -25.55 | -11.43 | -16.53 | -31.68 | -46.36 | -39.09 | -12.15 | -13.86 | -0.98 | 0.00 | 0.00 | 0.00 | 0.00 | -15.29 | -29.95 | -70.91 | -53.19 | -35.37 | -33.86 | -25.64 | -16.10 | -25.80 |
| ALBANY___1 | 134.91 | 120.26 | 117.70 | 105.87 | 112.55 | 132.03 | 154.20 | 182.88 | 149.09 | 109.76 | 90.63 | 87.13 | 86.21 | 85.24 | 89.10 | 93.76 | 110.32 | 155.36 | 139.14 | 116.93 | 114.17 | 104.86 | 93.47 | 105.02 |
| 23571 | 5.16 | 4.20 | 3.87 | 4.14 | 4.04 | 3.91 | 3.76 | 5.11 | 5.46 | 4.18 | 4.26 | 4.15 | 4.11 | 4.06 | 4.16 | 2.82 | 2.68 | 2.62 | 2.61 | 2.68 | 2.69 | 2.81 | 3.10 | 3.51 |
| | -24.53 | -30.43 | -34.76 | -15.55 | -22.50 | -43.11 | -63.08 | -53.19 | -16.54 | -18.49 | -1.18 | 0.00 | 0.00 | 0.00 | 0.00 | -20.38 | -37.14 | -82.03 | -65.97 | -43.70 | -40.78 | -31.80 | -19.97 | -31.40 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|---------------------------|---------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| ALBANY___2 23572 | 134.91 5.16 -24.53 | 120.26 4.20 -30.43 | 117.70 3.87 -34.76 | 105.87 4.14 -15.55 | 112.55 4.04 -22.50 | 132.03 3.91 -43.11 | 154.20 3.76 -63.08 | 182.88 5.11 -53.19 | 149.09 5.46 -16.54 | 109.76 4.18 -18.49 | 90.63 4.26 -1.18 | 87.13 4.15 0.00 | 86.21 4.11 0.00 | 85.24 4.06 0.00 | 89.10 4.16 0.00 | 93.76 2.82 -20.38 | 110.32 2.68 -37.14 | 155.36 2.62 -82.03 | 139.14 2.61 -65.97 | 116.93 2.68 -43.70 | 114.17 2.69 -40.78 | 104.86 2.81 -31.80 | 93.47 3.10 -19.97 | 105.02 3.51 -31.40 |
| ALBANY___3 23573 | 134.91 5.16 -24.53 | 120.26 4.20 -30.43 | 117.70 3.87 -34.76 | 105.87 4.14 -15.55 | 112.55 4.04 -22.50 | 132.03 3.91 -43.11 | 154.20 3.76 -63.08 | 182.88 5.11 -53.19 | 149.09 5.46 -16.54 | 109.76 4.18 -18.49 | 90.63 4.26 -1.18 | 87.13 4.15 0.00 | 86.21 4.11 0.00 | 85.24 4.06 0.00 | 89.10 4.16 0.00 | 93.76 2.82 -20.38 | 110.32 2.68 -37.14 | 155.36 2.62 -82.03 | 139.14 2.61 -65.97 | 116.93 2.68 -43.70 | 114.17 2.69 -40.78 | 104.86 2.81 -31.80 | 93.47 3.10 -19.97 | 105.02 3.51 -31.40 |
| ALBANY___4 23574 | 134.91 5.16 -24.53 | 120.26 4.20 -30.43 | 117.70 3.87 -34.76 | 105.87 4.14 -15.55 | 112.55 4.04 -22.50 | 132.03 3.91 -43.11 | 154.20 3.76 -63.08 | 182.88 5.11 -53.19 | 149.09 5.46 -16.54 | 109.76 4.18 -18.49 | 90.63 4.26 -1.18 | 87.13 4.15 0.00 | 86.21 4.11 0.00 | 85.24 4.06 0.00 | 89.10 4.16 0.00 | 93.76 2.82 -20.38 | 110.32 2.68 -37.14 | 155.36 2.62 -82.03 | 139.14 2.61 -65.97 | 116.93 2.68 -43.70 | 114.17 2.69 -40.78 | 104.86 2.81 -31.80 | 93.47 3.10 -19.97 | 105.02 3.51 -31.40 |
| ALBANY___LFGE 323615 | 142.64 5.99 -31.42 | 129.57 4.96 -38.97 | 128.09 4.50 -44.52 | 110.93 4.82 -19.92 | 119.55 4.73 -28.81 | 144.80 4.59 -55.21 | 172.78 4.63 -80.78 | 199.05 6.35 -68.11 | 155.00 6.73 -21.18 | 115.57 4.96 -23.52 | 91.54 4.94 -1.42 | 87.88 4.89 0.00 | 86.87 4.76 0.00 | 85.89 4.71 0.00 | 89.87 4.92 0.00 | 100.07 3.60 -25.91 | 118.56 3.45 -44.61 | 167.70 3.46 -93.52 | 153.18 3.39 -79.23 | 126.27 3.39 -52.33 | 122.11 3.46 -47.95 | 111.96 3.51 -38.19 | 98.19 3.80 -23.98 | 111.31 3.99 -37.20 |
| ALCOA_PA_115KV_PL-6C 55860 | 103.54 -1.68 0.00 | 84.44 -1.20 0.00 | 78.36 -0.71 0.00 | 85.23 -0.95 0.00 | 84.89 -1.12 0.00 | 83.22 -1.79 0.00 | 84.75 -2.62 0.00 | 121.10 -3.49 0.00 | 123.53 -3.56 0.00 | 84.48 -2.61 0.00 | 83.05 -2.13 0.00 | 80.66 -2.32 0.00 | 80.14 -1.97 0.00 | 79.15 -2.03 0.00 | 82.39 -2.55 0.00 | 69.15 -1.41 0.00 | 69.23 -1.27 0.00 | 69.09 -1.63 0.00 | 69.08 -1.48 0.00 | 69.00 -1.55 0.00 | 69.00 -1.70 0.00 | 69.27 -0.98 0.00 | 69.21 -1.20 0.00 | 69.41 -0.70 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 103.54 -1.68 0.00 | 84.44 -1.20 0.00 | 78.36 -0.71 0.00 | 85.23 -0.95 0.00 | 84.89 -1.12 0.00 | 83.22 -1.79 0.00 | 84.75 -2.62 0.00 | 121.10 -3.49 0.00 | 123.53 -3.56 0.00 | 84.48 -2.61 0.00 | 83.05 -2.13 0.00 | 80.66 -2.32 0.00 | 80.14 -1.97 0.00 | 79.15 -2.03 0.00 | 82.39 -2.55 0.00 | 69.15 -1.41 0.00 | 69.23 -1.27 0.00 | 69.09 -1.63 0.00 | 69.08 -1.48 0.00 | 69.00 -1.55 0.00 | 69.00 -1.70 0.00 | 69.27 -0.98 0.00 | 69.21 -1.20 0.00 | 69.41 -0.70 0.00 |
| ALCOA___DSASP 323711 | 103.54 -1.69 0.00 | 84.44 -1.20 0.00 | 78.36 -0.71 0.00 | 85.24 -0.95 0.00 | 84.89 -1.12 0.00 | 83.22 -1.79 0.00 | 84.83 -2.54 0.00 | 121.10 -3.49 0.00 | 123.53 -3.56 0.00 | 84.48 -2.61 0.00 | 83.31 -1.87 0.00 | 80.66 -2.32 0.00 | 79.97 -2.14 0.00 | 79.15 -2.03 0.00 | 82.40 -2.55 0.00 | 69.15 -1.41 0.00 | 69.16 -1.34 0.00 | 69.09 -1.62 0.00 | 69.01 -1.55 0.00 | 69.07 -1.48 0.00 | 68.93 -1.76 0.00 | 69.27 -0.98 0.00 | 69.21 -1.20 0.00 | 69.41 -0.70 0.00 |
| ALLEGHENY___COGEN 23514 | 107.18 0.84 -1.12 | 87.96 0.94 -1.38 | 81.36 0.71 -1.58 | 87.41 0.52 -0.71 | 87.98 0.95 -1.02 | 88.92 1.96 -1.96 | 92.59 2.36 -2.87 | 121.15 -5.85 -2.42 | 121.61 -6.22 -0.75 | 84.64 -3.92 -1.47 | 80.54 -4.85 -0.20 | 78.01 -4.98 0.00 | 77.09 -5.01 0.00 | 76.31 -4.87 0.00 | 79.85 -5.09 0.00 | 68.35 -3.88 -1.67 | 69.16 -4.09 -2.75 | 71.49 -3.89 -4.66 | 71.41 -4.23 -5.08 | 90.00 -3.88 -23.33 | 120.12 0.14 -49.28 | 116.79 -1.13 -47.66 | 78.85 -1.13 -9.58 | 71.38 -1.26 -2.52 |
| ALTAMONT_115KV_TB 2 55880 | 127.82 4.31 -18.28 | 111.83 3.51 -22.68 | 108.14 3.16 -25.90 | 101.13 3.36 -11.59 | 106.13 3.35 -16.77 | 120.45 3.32 -32.13 | 137.96 3.58 -47.01 | 169.08 4.86 -39.63 | 144.50 5.08 -12.33 | 103.08 3.66 -12.33 | 89.41 3.58 -0.65 | 86.55 3.57 0.00 | 85.64 3.53 0.00 | 84.75 3.57 0.00 | 88.68 3.74 0.00 | 86.87 2.82 -13.48 | 103.96 2.89 -30.57 | 146.04 2.90 -72.42 | 127.76 2.89 -54.30 | 109.63 2.96 -36.11 | 108.23 2.97 -34.56 | 99.31 2.88 -26.18 | 89.87 3.03 -16.43 | 99.33 2.87 -26.34 |
| ALTONA_WT_PWR 323606 | 105.01 -0.21 0.00 | 85.64 0.00 0.00 | 79.31 0.24 0.00 | 86.36 0.17 0.00 | 86.01 0.00 0.00 | 84.42 -0.59 0.00 | 85.71 -1.66 0.00 | 121.73 -2.86 0.00 | 124.17 -2.92 0.00 | 85.43 -1.66 0.00 | 83.99 -1.19 0.00 | 81.57 -1.41 0.00 | 80.71 -1.40 0.00 | 79.88 -1.30 0.00 | 83.33 -1.62 0.00 | 69.86 -0.71 0.00 | 69.86 -0.64 0.00 | 69.73 -0.99 0.00 | 69.51 -1.06 0.00 | 69.42 -1.13 0.00 | 69.21 -1.49 0.00 | 69.27 -0.98 0.00 | 69.07 -1.34 0.00 | 69.55 -0.56 0.00 |
| AMERICAN_REF_FUEL 24010 | 95.55 -9.68 0.00 | 78.36 -7.28 0.00 | 72.35 -6.72 0.00 | 78.51 -7.67 0.00 | 78.53 -7.48 0.00 | 78.54 -6.46 0.00 | 79.68 -7.69 0.00 | 110.51 -14.08 0.00 | 112.73 -14.36 0.00 | 78.50 -9.23 -0.64 | 75.83 -9.54 -0.18 | 73.69 -9.29 0.00 | 73.07 -9.03 0.00 | 72.09 -9.09 0.00 | 75.26 -9.69 0.00 | 63.27 -8.05 -0.75 | 63.13 -9.80 -2.43 | 66.20 -9.55 -5.03 | 64.68 -10.16 -4.28 | 59.81 -9.03 1.71 | 55.84 -7.35 7.50 | 52.76 -9.13 8.36 | 61.66 -8.17 0.58 | 64.29 -8.06 -2.23 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 100.02 -6.31 -1.11 | 82.21 -4.79 -1.37 | 76.21 -4.43 -1.57 | 81.88 -5.00 -0.70 | 82.38 -4.65 -1.02 | 83.81 -3.14 -1.95 | 86.55 -3.67 -2.85 | 119.15 -7.85 -2.40 | 120.21 -7.62 -0.75 | 83.93 -4.62 -1.46 | 80.28 -5.11 -0.20 | 77.84 -5.15 0.00 | 76.85 -5.26 0.00 | 75.74 -5.44 0.00 | 78.75 -6.20 0.00 | 67.00 -5.22 -1.66 | 66.18 -7.05 -2.74 | 68.94 -7.14 -5.36 | 68.67 -6.71 -4.81 | 62.72 -6.35 1.49 | 57.61 -5.59 7.50 | 54.44 -6.96 8.86 | 63.68 -6.20 0.53 | 65.33 -7.29 -2.51 |
| ARTHUR KILL_GT_1 23520 | 123.03 10.52 -7.29 | 136.01 7.54 -42.84 | 125.54 6.64 -39.83 | 129.07 6.98 -35.91 | 130.60 6.62 -37.97 | 75.88 6.80 15.93 | 136.18 7.77 -41.04 | 196.17 11.84 -59.74 | 244.19 12.08 -105.02 | 282.27 9.14 -186.04 | 272.60 8.69 -178.73 | 83.64 8.71 8.05 | 83.64 8.38 6.84 | 83.55 8.20 5.82 | 83.57 8.75 10.13 | 254.19 7.12 -176.50 | 201.61 7.12 -124.00 | 286.27 7.22 -208.34 | 236.92 7.27 -159.09 | 269.35 7.48 -191.32 | 192.04 7.57 -113.78 | 171.27 7.24 -93.78 | 188.14 7.32 -110.41 | 130.00 6.45 -53.44 |
| ARTHUR_KILL_2 23512 | 122.72 10.20 -7.29 | 135.67 7.19 -42.84 | 125.30 6.40 -39.83 | 128.81 6.73 -35.91 | 130.34 6.36 -37.97 | 75.62 6.55 15.93 | 135.83 7.42 -41.04 | 195.66 11.34 -59.74 | 243.67 11.56 -105.02 | 281.92 8.79 -186.04 | 272.34 8.43 -178.73 | 83.40 8.47 8.05 | 83.40 8.13 6.84 | 83.32 7.96 5.82 | 83.39 8.58 10.13 | 253.98 6.92 -176.50 | 201.41 6.91 -124.00 | 285.99 6.93 -208.34 | 236.70 7.06 -159.09 | 269.07 7.20 -191.32 | 191.76 7.28 -113.78 | 171.06 7.02 -93.78 | 188.00 7.19 -110.41 | 129.79 6.24 -53.44 |
| ARTHUR_KILL_3 23513 | 50.17 10.00 65.06 | 78.39 7.27 14.52 | 77.78 6.48 7.77 | 77.78 6.81 15.21 | 77.78 6.62 14.85 | 75.78 6.71 15.94 | 79.44 7.60 15.52 | 119.70 11.22 16.11 | 114.60 11.31 23.79 | 87.80 8.45 7.74 | 83.74 8.26 9.70 | 83.22 8.30 8.06 | 83.22 7.96 6.85 | 83.22 7.87 5.83 | 83.22 8.41 10.13 | 83.97 6.71 -6.70 | 81.73 6.62 -4.61 | 99.60 6.72 -22.16 | 88.33 6.71 -11.06 | 84.66 6.84 -7.27 | 82.98 6.93 -5.35 | 83.22 6.74 -6.22 | 82.97 6.83 -5.74 | 79.60 6.03 -3.46 |

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|-----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| ARTHUR_KILL_COGEN 323718 | 123.03 10.52 -7.29 | 136.01 7.54 -42.84 | 125.54 6.64 -39.83 | 129.07 6.98 -35.91 | 130.60 6.62 -37.97 | 75.88 6.80 15.93 | 136.18 7.77 -41.04 | 196.17 11.84 -59.74 | 244.19 12.08 -105.02 | 282.27 9.14 -186.04 | 272.60 8.69 -178.73 | 83.64 8.71 8.05 | 83.64 8.38 6.84 | 83.55 8.20 5.82 | 83.57 8.75 10.13 | 254.19 7.12 -176.50 | 201.61 7.12 -124.00 | 286.27 7.22 -208.34 | 236.92 7.27 -159.09 | 269.35 7.48 -191.32 | 192.04 7.57 -113.78 | 171.27 7.24 -93.78 | 188.14 7.32 -110.41 | 130.00 6.45 -53.44 |
| ASHOKAN____ 23654 | 128.03 7.68 -15.13 | 110.57 6.17 -18.76 | 105.88 5.38 -21.43 | 101.46 5.69 -9.59 | 105.47 5.59 -13.87 | 117.88 6.29 -26.58 | 133.43 7.17 -38.89 | 167.47 10.09 -32.79 | 146.05 8.76 -10.20 | 110.94 6.97 -16.88 | 92.37 5.28 -1.91 | 89.87 6.88 0.00 | 89.00 6.90 0.00 | 87.84 6.66 0.00 | 92.33 7.39 0.00 | 97.53 7.97 -19.00 | 98.97 2.96 -25.52 | 136.63 3.53 -62.38 | 119.27 3.39 -45.32 | 103.93 3.18 -30.20 | 103.41 3.46 -29.25 | 95.33 3.23 -21.85 | 87.30 3.17 -13.72 | 95.03 2.73 -22.18 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 122.83 10.32 -7.29 | 102.20 7.54 -9.03 | 96.10 6.72 -10.32 | 97.77 6.98 -4.61 | 99.31 6.62 -6.67 | 104.52 6.71 -12.80 | 113.79 7.69 -18.73 | 151.84 11.46 -15.79 | 143.81 11.82 -4.90 | 116.32 8.97 -20.26 | 97.34 8.69 -3.46 | 91.69 8.71 0.01 | 90.48 8.38 0.01 | 89.46 8.28 0.01 | 93.77 8.83 0.01 | 101.01 7.06 -23.40 | 93.62 7.05 -16.08 | 123.22 7.07 -45.43 | 106.25 7.12 -28.56 | 97.04 7.27 -19.22 | 97.80 7.42 -19.68 | 91.19 7.17 -13.76 | 86.30 7.25 -8.64 | 91.03 6.31 -14.60 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 122.83 10.32 -7.29 | 102.20 7.54 -9.03 | 96.10 6.72 -10.32 | 97.77 6.98 -4.61 | 99.31 6.62 -6.67 | 104.61 6.80 -12.80 | 113.79 7.69 -18.73 | 151.97 11.59 -15.79 | 143.81 11.82 -4.90 | 116.40 9.06 -20.26 | 97.34 8.69 -3.46 | 91.69 8.71 0.01 | 90.48 8.38 0.01 | 89.46 8.28 0.01 | 93.77 8.83 0.01 | 101.01 7.06 -23.40 | 93.62 7.05 -16.08 | 123.22 7.07 -45.43 | 106.25 7.12 -28.56 | 97.11 7.34 -19.22 | 97.80 7.42 -19.68 | 91.19 7.17 -13.76 | 86.30 7.25 -8.64 | 91.03 6.31 -14.60 |
| ASTORIA_GT2_1 24094 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT2_2 24095 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT2_3 24096 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT2_4 24097 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT3_1 24098 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT3_2 24099 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT3_3 24100 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT3_4 24101 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT4_1 24102 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT4_2 24103 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT4_3 24104 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |

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|----------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT4_4 24105 | 122.93 10.42 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.40 6.71 -6.68 | 104.61 6.80 -12.80 | 113.88 7.78 -18.74 | 151.98 11.59 -15.80 | 143.95 11.95 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.81 7.42 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.10 6.38 -14.61 |
| ASTORIA_GT_1 23523 | 123.03 10.52 -7.29 | 102.38 7.71 -9.03 | 96.26 6.88 -10.32 | 97.94 7.15 -4.61 | 99.48 6.79 -6.67 | 104.78 6.97 -12.80 | 114.04 7.95 -18.73 | 152.22 11.84 -15.79 | 144.19 12.20 -4.90 | 116.57 9.23 -20.26 | 97.58 8.94 -3.46 | 91.94 8.97 0.01 | 90.72 8.62 0.01 | 89.61 8.44 0.01 | 93.93 9.00 0.01 | 101.23 7.27 -23.40 | 93.84 7.26 -16.08 | 123.36 7.22 -45.43 | 106.46 7.34 -28.56 | 97.24 7.48 -19.22 | 98.02 7.64 -19.68 | 91.39 7.37 -13.76 | 86.51 7.46 -8.64 | 91.16 6.45 -14.60 |
| ASTORIA_GT_10 24110 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.20 -10.32 | 98.39 7.58 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.60 12.21 -15.80 | 144.58 12.58 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.45 7.48 -23.40 | 96.00 7.40 -18.10 | 123.12 7.50 -44.91 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.60 -10.30 | 91.45 6.73 -14.61 |
| ASTORIA_GT_11 24225 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.20 -10.32 | 98.39 7.58 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.60 12.21 -15.80 | 144.58 12.58 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.45 7.48 -23.40 | 96.00 7.40 -18.10 | 123.12 7.50 -44.91 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.60 -10.30 | 91.45 6.73 -14.61 |
| ASTORIA_GT_12 24226 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.20 -10.32 | 98.39 7.58 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.60 12.21 -15.80 | 144.58 12.58 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.45 7.48 -23.40 | 96.00 7.40 -18.10 | 123.12 7.50 -44.91 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.60 -10.30 | 91.45 6.73 -14.61 |
| ASTORIA_GT_13 24227 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.20 -10.32 | 98.39 7.58 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.60 12.21 -15.80 | 144.58 12.58 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.45 7.48 -23.40 | 96.00 7.40 -18.10 | 123.12 7.50 -44.91 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.60 -10.30 | 91.45 6.73 -14.61 |
| ASTORIA_GT_5 24106 | 123.03 10.52 -7.29 | 102.38 7.71 -9.04 | 96.27 6.88 -10.32 | 97.96 7.15 -4.62 | 99.49 6.79 -6.68 | 104.78 6.97 -12.80 | 114.05 7.95 -18.74 | 152.22 11.84 -15.80 | 144.20 12.20 -4.91 | 116.59 9.23 -20.26 | 97.59 8.94 -3.46 | 91.86 8.88 0.01 | 90.64 8.54 0.01 | 89.62 8.44 0.00 | 93.95 9.00 0.00 | 101.23 7.27 -23.40 | 93.84 7.26 -16.08 | 122.91 7.28 -44.91 | 106.40 7.27 -28.57 | 97.25 7.48 -19.22 | 97.95 7.56 -19.69 | 91.39 7.38 -13.76 | 86.51 7.46 -8.64 | 91.24 6.52 -14.61 |
| ASTORIA_GT_7 24107 | 123.03 10.52 -7.29 | 102.38 7.71 -9.04 | 96.27 6.88 -10.32 | 97.96 7.15 -4.62 | 99.49 6.79 -6.68 | 104.78 6.97 -12.80 | 114.05 7.95 -18.74 | 152.22 11.84 -15.80 | 144.20 12.20 -4.91 | 116.59 9.23 -20.26 | 97.59 8.94 -3.46 | 91.86 8.88 0.01 | 90.64 8.54 0.01 | 89.62 8.44 0.00 | 93.95 9.00 0.00 | 101.23 7.27 -23.40 | 93.84 7.26 -16.08 | 122.91 7.28 -44.91 | 106.40 7.27 -28.57 | 97.25 7.48 -19.22 | 97.95 7.56 -19.69 | 91.39 7.38 -13.76 | 86.51 7.46 -8.64 | 91.24 6.52 -14.61 |
| ASTORIA_GT_8 24108 | 123.03 10.52 -7.29 | 102.38 7.71 -9.04 | 96.27 6.88 -10.32 | 97.96 7.15 -4.62 | 99.49 6.79 -6.68 | 104.78 6.97 -12.80 | 114.05 7.95 -18.74 | 152.22 11.84 -15.80 | 144.20 12.20 -4.91 | 116.59 9.23 -20.26 | 97.59 8.94 -3.46 | 91.86 8.88 0.01 | 90.64 8.54 0.01 | 89.62 8.44 0.00 | 93.95 9.00 0.00 | 101.23 7.27 -23.40 | 93.84 7.26 -16.08 | 122.91 7.28 -44.91 | 106.40 7.27 -28.57 | 97.25 7.48 -19.22 | 97.95 7.56 -19.69 | 91.39 7.38 -13.76 | 86.51 7.46 -8.64 | 91.24 6.52 -14.61 |
| ASTORIA___2 24149 | 122.83 10.32 -7.29 | 102.29 7.62 -9.03 | 96.19 6.80 -10.32 | 97.86 7.07 -4.61 | 99.40 6.71 -6.67 | 104.61 6.80 -12.80 | 113.87 7.77 -18.73 | 151.97 11.59 -15.79 | 143.81 11.82 -4.90 | 116.40 9.06 -20.26 | 97.42 8.78 -3.46 | 91.77 8.79 0.01 | 90.56 8.46 0.01 | 89.46 8.28 0.01 | 93.77 8.83 0.01 | 101.08 7.12 -23.40 | 93.69 7.12 -16.08 | 123.22 7.07 -45.43 | 106.25 7.12 -28.56 | 97.11 7.34 -19.22 | 97.87 7.49 -19.68 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.09 6.38 -14.60 |
| ASTORIA___3 23516 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.19 -10.32 | 98.39 7.59 -4.62 | 99.92 7.23 -6.68 | 105.12 7.31 -12.80 | 114.31 8.21 -18.74 | 152.61 12.22 -15.80 | 144.46 12.46 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.37 7.41 -23.40 | 96.00 7.40 -18.10 | 123.58 7.42 -45.43 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.61 -10.30 | 91.45 6.73 -14.61 |
| ASTORIA___4 23517 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.20 -10.32 | 98.39 7.58 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.60 12.21 -15.80 | 144.58 12.58 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.45 7.48 -23.40 | 96.00 7.40 -18.10 | 123.12 7.50 -44.91 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.60 -10.30 | 91.45 6.73 -14.61 |
| ASTORIA___5 23518 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.19 -10.32 | 98.39 7.59 -4.62 | 99.92 7.23 -6.68 | 105.12 7.31 -12.80 | 114.31 8.21 -18.74 | 152.61 12.22 -15.80 | 144.46 12.46 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.37 7.41 -23.40 | 96.00 7.40 -18.10 | 123.58 7.42 -45.43 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.61 -10.30 | 91.45 6.73 -14.61 |
| AST_ENERGY_2_CC3 323677 | 122.51 10.00 -7.29 | 84.86 7.62 8.39 | 84.86 6.88 1.08 | 84.86 7.24 8.56 | 84.86 6.96 8.11 | 84.86 7.05 7.20 | 84.86 7.95 10.46 | 124.90 11.84 11.53 | 116.86 11.94 22.17 | 90.06 8.89 5.92 | 77.64 8.60 16.14 | 77.12 8.63 14.49 | 77.12 8.29 13.27 | 77.12 8.12 12.18 | 77.12 8.75 16.57 | 77.87 6.99 -0.32 | 76.87 6.98 0.61 | 95.00 7.07 -17.21 | 82.23 7.06 -4.61 | 81.50 7.20 -3.75 | 76.88 7.28 1.10 | 77.12 7.02 0.16 | 76.87 7.11 0.65 | 76.50 6.31 -0.07 |
| AST_ENERGY_2_CC4 323678 | 122.51 10.00 -7.29 | 84.86 7.62 8.39 | 84.86 6.88 1.08 | 84.86 7.24 8.56 | 84.86 6.96 8.11 | 84.86 7.05 7.20 | 84.86 7.95 10.46 | 124.90 11.84 11.53 | 116.86 11.94 22.17 | 90.06 8.89 5.92 | 77.64 8.60 16.14 | 77.12 8.63 14.49 | 77.12 8.29 13.27 | 77.12 8.12 12.18 | 77.12 8.75 16.57 | 77.87 6.99 -0.32 | 76.87 6.98 0.61 | 95.00 7.07 -17.21 | 82.23 7.06 -4.61 | 81.50 7.20 -3.75 | 76.88 7.28 1.10 | 77.12 7.02 0.16 | 76.87 7.11 0.65 | 76.50 6.31 -0.07 |

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|--------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|
| ATHENS_STG_1 23668 | 114.29 5.26 -3.81 | 94.64 4.28 -4.72 | 88.34 3.87 -5.40 | 92.65 4.05 -2.41 | 93.55 4.04 -3.49 | 95.78 4.08 -6.69 | 101.70 4.54 -9.79 | 139.07 6.23 -8.26 | 136.01 6.35 -2.57 | 117.49 4.70 -25.70 | 94.69 4.51 -5.00 | 87.63 4.64 0.00 | 86.70 4.60 0.00 | 85.72 4.54 0.00 | 89.78 4.84 0.00 | 104.21 3.67 -29.98 | 88.69 4.02 -14.18 | 119.86 4.10 -45.04 | 99.83 4.09 -25.18 | 91.81 4.16 -17.09 | 93.32 4.24 -18.38 | 86.39 4.00 -12.14 | 82.11 4.08 -7.62 | 87.21 3.71 -13.39 |
| ATHENS_STG_2 23670 | 114.29 5.26 -3.81 | 94.64 4.28 -4.72 | 88.34 3.87 -5.40 | 92.65 4.05 -2.41 | 93.55 4.04 -3.49 | 95.78 4.08 -6.69 | 101.70 4.54 -9.79 | 139.07 6.23 -8.26 | 136.01 6.35 -2.57 | 117.49 4.70 -25.70 | 94.69 4.51 -5.00 | 87.63 4.64 0.00 | 86.70 4.60 0.00 | 85.72 4.54 0.00 | 89.78 4.84 0.00 | 104.21 3.67 -29.98 | 88.69 4.02 -14.18 | 119.86 4.10 -45.04 | 99.83 4.09 -25.18 | 91.81 4.16 -17.09 | 93.32 4.24 -18.38 | 86.39 4.00 -12.14 | 82.11 4.08 -7.62 | 87.21 3.71 -13.39 |
| ATHENS_STG_3 23677 | 114.29 5.26 -3.81 | 94.64 4.28 -4.72 | 88.34 3.87 -5.40 | 92.65 4.05 -2.41 | 93.55 4.04 -3.49 | 95.78 4.08 -6.69 | 101.70 4.54 -9.79 | 139.07 6.23 -8.26 | 136.01 6.35 -2.57 | 117.49 4.70 -25.70 | 94.69 4.51 -5.00 | 87.63 4.64 0.00 | 86.70 4.60 0.00 | 85.72 4.54 0.00 | 89.78 4.84 0.00 | 104.21 3.67 -29.98 | 88.69 4.02 -14.18 | 119.86 4.10 -45.04 | 99.83 4.09 -25.18 | 91.81 4.16 -17.09 | 93.32 4.24 -18.38 | 86.39 4.00 -12.14 | 82.11 4.08 -7.62 | 87.21 3.71 -13.39 |
| AUBURN___LFGE 323710 | 105.75 0.53 0.00 | 85.98 0.34 0.00 | 79.38 0.32 0.00 | 86.44 0.26 0.00 | 86.44 0.43 0.00 | 86.03 1.02 0.00 | 88.77 1.40 0.00 | 126.09 1.50 0.00 | 128.61 1.53 0.00 | 88.78 1.13 -0.56 | 86.19 0.85 -0.16 | 83.81 0.83 0.00 | 82.84 0.74 0.00 | 81.83 0.65 0.00 | 85.62 0.68 0.00 | 71.78 0.56 -0.66 | 73.05 0.42 -2.13 | 78.40 0.57 -7.12 | 74.84 0.49 -3.78 | 74.44 0.56 -3.32 | 75.69 0.57 -4.43 | 73.83 0.00 -3.58 | 71.93 0.07 -1.46 | 71.86 -0.21 -1.95 |
| BABYLON_RES_REC 323704 | 123.98 11.47 -7.29 | 106.38 10.44 -10.31 | 104.22 9.48 -15.67 | 103.06 10.08 -6.80 | 109.03 9.97 -13.04 | 115.27 10.37 -19.89 | 145.39 11.35 -46.67 | 160.11 16.57 -18.95 | 147.66 15.63 -4.95 | 119.21 11.84 -20.28 | 99.64 10.99 -3.47 | 93.36 10.37 0.00 | 91.30 9.19 0.00 | 90.67 9.49 0.00 | 95.39 10.44 0.00 | 112.82 9.17 -33.09 | 122.10 9.10 -42.51 | 139.57 9.54 -59.31 | 136.14 9.52 -56.05 | 127.32 9.52 -47.25 | 125.34 9.61 -45.03 | 117.99 9.20 -38.54 | 105.20 9.44 -25.36 | 92.79 8.06 -14.62 |
| BABYLON__69_KV_BK2 356345 | 125.67 13.15 -7.29 | 107.79 11.82 -10.33 | 105.45 10.60 -15.79 | 104.32 11.29 -6.85 | 110.38 11.18 -13.19 | 116.62 11.56 -20.05 | 147.42 12.76 -47.30 | 162.18 18.56 -19.02 | 150.46 18.43 -4.95 | 120.43 13.06 -20.28 | 100.75 12.10 -3.47 | 94.27 11.29 0.00 | 92.12 10.02 0.00 | 91.65 10.47 0.00 | 96.50 11.55 0.00 | 113.92 10.16 -33.20 | 123.67 10.15 -43.02 | 140.51 10.75 -59.04 | 137.94 10.73 -56.65 | 129.04 10.65 -47.83 | 126.99 10.75 -45.55 | 119.55 10.26 -39.04 | 106.63 10.49 -25.73 | 93.78 9.04 -14.62 |
| BALL_HILL_WT_PWR 323825 | 99.98 -6.31 -1.06 | 82.25 -4.71 -1.32 | 76.15 -4.43 -1.51 | 81.69 -5.17 -0.67 | 82.17 -4.81 -0.98 | 83.22 -3.65 -1.87 | 85.65 -4.45 -2.74 | 117.68 -9.22 -2.31 | 118.65 -9.15 -0.72 | 82.75 -5.75 -1.41 | 79.16 -6.21 -0.20 | 76.93 -6.05 0.00 | 76.12 -5.99 0.00 | 75.09 -6.09 0.00 | 78.32 -6.63 0.00 | 66.65 -5.50 -1.59 | 66.01 -7.12 -2.63 | 68.89 -7.07 -5.24 | 68.61 -6.56 -4.60 | 61.23 -6.14 3.19 | 54.23 -5.23 11.24 | 51.05 -6.61 12.59 | 63.32 -5.84 1.24 | 65.72 -6.80 -2.41 |
| BARON_WINDS___WT_PWR 323822 | 103.71 -2.95 -1.43 | 85.11 -2.31 -1.78 | 78.80 -2.30 -2.03 | 84.33 -2.76 -0.91 | 84.75 -2.58 -1.31 | 85.91 -1.62 -2.52 | 89.31 -1.75 -3.69 | 123.22 -4.48 -3.11 | 123.48 -4.57 -0.97 | 85.93 -3.05 -1.89 | 81.95 -3.50 -0.26 | 79.66 -3.32 0.00 | 78.90 -3.20 0.00 | 78.01 -3.17 0.00 | 81.63 -3.31 0.00 | 70.02 -2.68 -2.14 | 70.54 -3.52 -3.57 | 73.23 -3.60 -6.11 | 73.49 -3.10 -6.03 | 38.30 -3.17 29.08 | -4.08 -2.83 71.95 | -6.00 -3.58 72.67 | 55.20 -3.59 11.62 | 68.68 -4.70 -3.26 |
| BARRETT_IC_1 23704 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.53 9.79 -3.56 | 92.19 9.21 0.00 | 90.65 8.46 -0.09 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 164.27 8.18 -85.52 | 162.70 8.10 -84.10 | 164.32 8.20 -85.40 | 149.55 8.18 -70.81 | 149.55 8.32 -70.68 | 149.08 8.48 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_10 23701 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.47 9.79 -3.49 | 92.19 9.21 0.00 | 90.59 8.46 -0.02 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 126.71 8.18 -47.97 | 134.38 8.10 -55.78 | 146.34 8.20 -67.42 | 140.92 8.18 -62.18 | 134.63 8.32 -55.75 | 132.89 8.48 -53.71 | 127.25 8.22 -48.78 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_11 23702 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.47 9.79 -3.49 | 92.19 9.21 0.00 | 90.59 8.46 -0.02 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 126.71 8.18 -47.97 | 134.38 8.10 -55.78 | 146.34 8.20 -67.42 | 140.92 8.18 -62.18 | 134.63 8.32 -55.75 | 132.89 8.48 -53.71 | 127.25 8.22 -48.78 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_12 23703 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.47 9.79 -3.49 | 92.19 9.21 0.00 | 90.59 8.46 -0.02 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 126.71 8.18 -47.97 | 134.38 8.10 -55.78 | 146.34 8.20 -67.42 | 140.92 8.18 -62.18 | 134.63 8.32 -55.75 | 132.89 8.48 -53.71 | 127.25 8.22 -48.78 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_2 23705 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.53 9.79 -3.56 | 92.19 9.21 0.00 | 90.65 8.46 -0.09 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 164.27 8.18 -85.52 | 162.70 8.10 -84.10 | 164.32 8.20 -85.40 | 149.55 8.18 -70.81 | 149.55 8.32 -70.68 | 149.08 8.48 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_3 23706 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.53 9.79 -3.56 | 92.19 9.21 0.00 | 90.65 8.46 -0.09 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 164.27 8.18 -85.52 | 162.70 8.10 -84.10 | 164.32 8.20 -85.40 | 149.55 8.18 -70.81 | 149.55 8.32 -70.68 | 149.08 8.48 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_4 23707 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.53 9.79 -3.56 | 92.19 9.21 0.00 | 90.65 8.46 -0.09 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 164.27 8.18 -85.52 | 162.70 8.10 -84.10 | 164.32 8.20 -85.40 | 149.55 8.18 -70.81 | 149.55 8.32 -70.68 | 149.08 8.48 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |

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| BARRETT_IC_5 23708 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.53 9.79 -3.56 | 92.19 9.21 0.00 | 90.65 8.46 -0.09 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 164.27 8.18 -85.52 | 162.70 8.10 -84.10 | 164.32 8.20 -85.40 | 149.55 8.18 -70.81 | 149.55 8.32 -70.68 | 149.08 8.48 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_6 23709 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.53 9.79 -3.56 | 92.19 9.21 0.00 | 90.65 8.46 -0.09 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 164.27 8.18 -85.52 | 162.70 8.10 -84.10 | 164.32 8.20 -85.40 | 149.55 8.18 -70.81 | 149.55 8.32 -70.68 | 149.08 8.48 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_7 23710 | 122.83 10.31 -7.29 | 105.66 9.59 -10.43 | 103.84 8.54 -16.23 | 102.35 9.14 -7.03 | 108.68 8.95 -13.72 | 114.92 9.27 -20.65 | 147.17 10.13 -49.67 | 158.45 14.58 -19.28 | 146.77 14.74 -4.94 | 117.98 10.63 -20.27 | 98.54 9.80 -3.56 | 92.03 9.05 0.00 | 90.57 8.37 -0.09 | 89.79 8.61 0.00 | 94.12 9.17 0.00 | 164.27 8.19 -85.52 | 162.70 8.11 -84.10 | 163.80 8.20 -84.88 | 149.55 8.19 -70.81 | 149.48 8.25 -70.68 | 149.02 8.41 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.95 7.22 -14.61 |
| BARRETT_IC_8 23711 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.53 9.79 -3.56 | 92.19 9.21 0.00 | 90.65 8.46 -0.09 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 164.27 8.18 -85.52 | 162.70 8.10 -84.10 | 164.32 8.20 -85.40 | 149.55 8.18 -70.81 | 149.55 8.32 -70.68 | 149.08 8.48 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT_IC_9 23700 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.47 9.79 -3.49 | 92.19 9.21 0.00 | 90.59 8.46 -0.02 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 126.71 8.18 -47.97 | 134.38 8.10 -55.78 | 146.34 8.20 -67.42 | 140.92 8.18 -62.18 | 134.63 8.32 -55.75 | 132.89 8.48 -53.71 | 127.25 8.22 -48.78 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT___1 23545 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.53 9.79 -3.56 | 92.19 9.21 0.00 | 90.65 8.46 -0.09 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 164.27 8.18 -85.52 | 162.70 8.10 -84.10 | 164.32 8.20 -85.40 | 149.55 8.20 -70.81 | 149.55 8.18 -70.68 | 149.08 8.48 -69.90 | 147.82 8.22 -69.35 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BARRETT___2 23546 | 122.62 10.10 -7.29 | 105.57 9.50 -10.43 | 103.84 8.54 -16.23 | 102.34 9.13 -7.03 | 108.68 8.94 -13.72 | 114.93 9.27 -20.65 | 147.16 10.13 -49.67 | 158.44 14.57 -19.28 | 145.76 13.73 -4.94 | 117.98 10.62 -20.27 | 98.47 9.79 -3.49 | 92.19 9.21 0.00 | 90.59 8.46 -0.02 | 89.78 8.60 0.00 | 94.12 9.18 0.00 | 126.71 8.18 -47.97 | 134.38 8.10 -55.78 | 146.34 8.20 -67.42 | 140.92 8.18 -62.18 | 134.63 8.32 -55.75 | 132.89 8.48 -53.71 | 127.25 8.22 -48.78 | 106.07 8.52 -27.14 | 91.88 7.16 -14.61 |
| BATAVIA___115KV_TB1 55881 | 99.96 -5.26 0.00 | 81.95 -3.68 0.00 | 75.67 -3.40 0.00 | 82.13 -4.05 0.00 | 82.23 -3.78 0.00 | 82.29 -2.72 0.00 | 84.05 -3.32 0.00 | 117.36 -7.23 0.00 | 119.46 -7.63 0.00 | 82.98 -4.70 -0.59 | 80.49 -4.86 -0.17 | 78.25 -4.73 0.00 | 77.18 -4.93 0.00 | 76.23 -4.95 0.00 | 79.42 -5.52 0.00 | 66.74 -4.52 -0.69 | 67.02 -5.71 -2.23 | 70.01 -5.45 -4.74 | 68.28 -6.21 -3.93 | 64.74 -5.15 0.66 | 61.56 -4.31 4.82 | 59.10 -5.55 5.61 | 65.32 -4.93 0.15 | 67.40 -4.77 -2.05 |
| BAYONEEC___CTG1 323682 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BAYONEEC___CTG10 323750 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BAYONEEC___CTG2 323683 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BAYONEEC___CTG3 323684 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BAYONEEC___CTG4 323685 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BAYONEEC___CTG5 323686 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BAYONEEC___CTG6 323687 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |

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|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| BAYONEEC___CTG7 323688 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BAYONEEC___CTG8 323689 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BAYONEEC___CTG9 323749 | 122.72 10.20 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.13 8.03 -18.73 | 152.35 11.96 -15.80 | 144.08 12.08 -4.91 | 116.33 8.97 -20.26 | 97.34 8.69 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.56 6.98 -16.08 | 123.29 7.14 -45.43 | 106.26 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.10 6.38 -14.61 |
| BEACON___LESR 323632 | 137.61 7.05 -25.33 | 122.80 5.74 -31.43 | 120.18 5.22 -35.90 | 107.84 5.60 -16.06 | 114.83 5.59 -23.23 | 135.05 5.52 -44.52 | 158.01 5.51 -65.14 | 187.24 7.73 -54.92 | 152.18 8.01 -17.08 | 112.19 5.66 -19.44 | 92.00 5.53 -1.28 | 88.54 5.56 0.00 | 87.52 5.42 0.00 | 86.45 5.27 0.00 | 90.46 5.52 0.00 | 96.18 4.16 -21.45 | 112.54 4.09 -37.96 | 158.12 4.17 -83.23 | 142.15 4.16 -67.42 | 119.35 4.16 -44.64 | 116.42 4.17 -41.55 | 106.90 4.14 -32.50 | 95.18 4.37 -20.41 | 106.69 4.55 -32.03 |
| BEAVER RIVER___HYD 24048 | 105.65 0.42 0.00 | 85.98 0.34 0.00 | 79.55 0.48 0.00 | 87.22 1.04 0.00 | 87.21 1.20 0.00 | 86.20 1.19 0.00 | 88.42 1.05 0.00 | 127.58 2.99 0.00 | 130.01 2.93 0.00 | 88.57 1.48 0.00 | 86.03 0.85 0.00 | 83.57 0.58 0.00 | 82.44 0.33 0.00 | 81.59 0.41 0.00 | 85.28 0.34 0.00 | 71.27 0.71 0.00 | 71.13 0.63 0.00 | 71.79 0.36 -0.72 | 71.20 0.63 0.00 | 70.30 -0.28 -0.02 | 70.58 -0.28 -0.17 | 70.11 -0.14 0.00 | 70.27 -0.14 0.00 | 69.85 -0.35 -0.08 |
| BEEBEE_GT_13 23619 | 101.44 -3.79 0.00 | 82.98 -2.65 0.00 | 76.54 -2.53 0.00 | 83.17 -3.02 0.00 | 83.26 -2.75 0.00 | 82.97 -2.04 0.00 | 85.10 -2.27 0.00 | 119.48 -5.11 0.00 | 121.75 -5.34 0.00 | 84.46 -3.14 -0.50 | 82.00 -3.32 -0.14 | 79.75 -3.24 0.00 | 78.74 -3.37 0.00 | 77.77 -3.41 0.00 | 81.21 -3.74 0.00 | 67.98 -3.18 -0.59 | 68.50 -3.88 -1.88 | 71.38 -3.61 -4.27 | 69.25 -4.66 -3.34 | 68.50 -4.30 -2.25 | 69.15 -3.89 -2.34 | 67.16 -4.71 -1.61 | 67.05 -4.37 -1.01 | 68.62 -3.23 -1.74 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 123.88 11.36 -7.29 | 136.95 8.48 -42.84 | 126.49 7.59 -39.83 | 130.10 8.01 -35.91 | 131.63 7.65 -37.97 | 131.21 7.74 -38.46 | 137.23 8.82 -41.04 | 197.53 13.21 -59.74 | 245.71 13.60 -105.02 | 283.32 10.19 -186.04 | 273.79 9.88 -178.73 | 196.78 9.79 -104.00 | 196.76 9.44 -105.22 | 176.37 9.34 -85.85 | 184.67 9.94 -89.79 | 255.11 8.04 -176.50 | 202.46 7.97 -124.00 | 286.66 8.13 -207.81 | 237.76 8.11 -159.09 | 270.12 8.25 -191.32 | 192.82 8.34 -113.78 | 172.18 8.15 -93.78 | 189.06 8.24 -110.41 | 130.77 7.22 -53.44 |
| BETHLEHEM___GRP 23843 | 134.91 5.16 -24.53 | 120.26 4.20 -30.43 | 117.70 3.87 -34.76 | 105.87 4.14 -15.55 | 112.55 4.04 -22.50 | 132.03 3.91 -43.11 | 154.20 3.76 -63.08 | 182.88 5.11 -53.19 | 149.09 5.46 -16.54 | 109.76 4.18 -18.49 | 90.63 4.26 -1.18 | 87.13 4.15 0.00 | 86.21 4.11 0.00 | 85.24 4.06 0.00 | 89.10 4.16 0.00 | 93.76 2.82 -20.38 | 110.32 2.68 -37.14 | 155.36 2.62 -82.03 | 139.14 2.61 -65.97 | 116.93 2.68 -43.70 | 114.17 2.69 -40.78 | 104.86 2.81 -31.80 | 93.47 3.10 -19.97 | 105.02 3.51 -31.40 |
| BETHLEHEM___GS1 323560 | 134.91 5.15 -24.53 | 120.35 4.28 -30.43 | 117.70 3.87 -34.76 | 105.87 4.14 -15.55 | 112.55 4.04 -22.50 | 132.03 3.91 -43.11 | 154.20 3.75 -63.08 | 182.89 5.11 -53.19 | 149.09 5.46 -16.54 | 109.76 4.18 -18.49 | 90.54 4.17 -1.18 | 87.13 4.15 0.00 | 86.21 4.10 0.00 | 85.24 4.06 0.00 | 89.10 4.16 0.00 | 93.76 2.83 -20.38 | 110.31 2.68 -37.14 | 155.40 2.62 -82.07 | 139.14 2.61 -65.97 | 116.86 2.61 -43.70 | 114.17 2.69 -40.78 | 104.87 2.81 -31.80 | 93.47 3.09 -19.97 | 104.95 3.43 -31.40 |
| BETHLEHEM___GS2 323561 | 134.91 5.15 -24.53 | 120.35 4.28 -30.43 | 117.70 3.87 -34.76 | 105.87 4.14 -15.55 | 112.55 4.04 -22.50 | 132.03 3.91 -43.11 | 154.20 3.75 -63.08 | 182.89 5.11 -53.19 | 149.09 5.46 -16.54 | 109.76 4.18 -18.49 | 90.54 4.17 -1.18 | 87.13 4.15 0.00 | 86.21 4.10 0.00 | 85.24 4.06 0.00 | 89.10 4.16 0.00 | 93.76 2.83 -20.38 | 110.31 2.68 -37.14 | 155.40 2.62 -82.07 | 139.14 2.61 -65.97 | 116.86 2.61 -43.70 | 114.17 2.69 -40.78 | 104.87 2.81 -31.80 | 93.47 3.09 -19.97 | 104.95 3.43 -31.40 |
| BETHLEHEM___GS3 323562 | 134.91 5.15 -24.53 | 120.35 4.28 -30.43 | 117.70 3.87 -34.76 | 105.87 4.14 -15.55 | 112.55 4.04 -22.50 | 132.03 3.91 -43.11 | 154.20 3.75 -63.08 | 182.89 5.11 -53.19 | 149.09 5.46 -16.54 | 109.76 4.18 -18.49 | 90.54 4.17 -1.18 | 87.13 4.15 0.00 | 86.21 4.10 0.00 | 85.24 4.06 0.00 | 89.10 4.16 0.00 | 93.76 2.83 -20.38 | 110.31 2.68 -37.14 | 155.40 2.62 -82.07 | 139.14 2.61 -65.97 | 116.86 2.61 -43.70 | 114.17 2.69 -40.78 | 104.87 2.81 -31.80 | 93.47 3.09 -19.97 | 104.95 3.43 -31.40 |
| BETHLEHEM___STEEL 23779 | 99.76 -6.52 -1.06 | 82.07 -4.88 -1.32 | 76.07 -4.51 -1.51 | 81.51 -5.34 -0.67 | 81.91 -5.07 -0.97 | 82.88 -4.00 -1.87 | 85.29 -4.81 -2.73 | 117.05 -9.84 -2.30 | 117.64 -10.17 -0.72 | 82.22 -6.27 -1.40 | 78.99 -6.39 -0.20 | 76.76 -6.22 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.97 0.00 | 66.44 -5.72 -1.59 | 65.86 -7.26 -2.62 | 68.69 -7.28 -5.25 | 68.46 -6.70 -4.60 | 61.57 -6.21 2.77 | 54.99 -5.44 10.26 | 52.11 -6.60 11.54 | 63.57 -5.77 1.06 | 65.72 -6.80 -2.41 |
| BETHLHEM_115KV_TB1 79974 | 133.30 4.95 -23.13 | 118.44 4.11 -28.70 | 115.56 3.72 -32.78 | 104.81 3.96 -14.67 | 111.18 3.96 -21.22 | 129.40 3.74 -40.65 | 150.60 3.76 -59.48 | 179.85 5.11 -50.15 | 148.15 5.46 -15.60 | 108.33 4.01 -17.23 | 90.36 4.09 -1.09 | 86.97 3.98 0.00 | 86.05 3.94 0.00 | 85.16 3.98 0.00 | 89.02 4.08 0.00 | 92.36 2.82 -18.97 | 108.90 2.75 -35.65 | 153.22 2.69 -79.82 | 136.50 2.61 -63.33 | 115.28 2.75 -41.98 | 112.83 2.76 -39.37 | 103.59 2.81 -30.53 | 92.67 3.10 -19.17 | 103.73 3.37 -30.25 |
| BETHPAGE_CC_5 323564 | 123.03 10.52 -7.29 | 105.56 9.67 -10.25 | 103.18 8.70 -15.42 | 102.11 9.23 -6.70 | 107.87 9.11 -12.75 | 113.92 9.35 -19.56 | 143.04 10.30 -45.37 | 158.34 14.94 -18.80 | 146.26 14.23 -4.94 | 118.16 10.80 -20.27 | 98.79 10.13 -3.47 | 92.61 9.62 0.00 | 90.65 8.54 0.00 | 90.03 8.85 0.00 | 94.54 9.60 0.00 | 113.02 8.39 -34.07 | 121.17 8.31 -42.36 | 138.69 8.62 -59.35 | 134.27 8.61 -55.11 | 125.74 8.68 -46.51 | 123.93 8.76 -44.46 | 116.85 8.43 -38.17 | 103.64 8.66 -24.58 | 92.24 7.51 -14.62 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 99.99 -6.31 -1.08 | 82.18 -4.80 -1.34 | 76.17 -4.43 -1.53 | 81.70 -5.17 -0.68 | 82.01 -4.99 -0.99 | 83.08 -3.83 -1.89 | 85.51 -4.63 -2.77 | 117.33 -9.59 -2.34 | 118.03 -9.79 -0.73 | 82.51 -6.01 -1.42 | 79.25 -6.13 -0.20 | 77.01 -5.97 0.00 | 75.87 -6.24 0.00 | 74.93 -6.25 0.00 | 78.23 -6.71 0.00 | 66.67 -5.50 -1.61 | 66.11 -7.05 -2.66 | 68.89 -7.14 -5.32 | 69.10 -6.14 -4.68 | 62.47 -5.71 2.37 | 56.34 -4.95 9.41 | 53.45 -6.11 10.69 | 64.16 -5.35 0.89 | 65.69 -6.87 -2.44 |

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| BINGHAMTON___COGEN 23790 | 108.21 0.74 -2.25 | 88.94 0.51 -2.79 | 82.73 0.47 -3.19 | 87.95 0.34 -1.43 | 88.51 0.43 -2.07 | 89.98 1.02 -3.96 | 94.38 1.22 -5.79 | 130.34 0.87 -4.88 | 129.49 0.89 -1.52 | 90.75 0.78 -2.87 | 86.09 0.51 -0.39 | 83.56 0.58 0.00 | 82.60 0.49 0.00 | 81.67 0.49 0.00 | 85.54 0.59 0.00 | 74.17 0.35 -3.25 | 76.05 0.07 -5.48 | 85.16 0.14 -14.30 | 80.80 0.49 -9.74 | 77.69 0.56 -6.57 | 78.14 0.71 -6.74 | 75.16 0.21 -4.70 | 73.71 0.35 -2.95 | 74.73 -0.35 -4.97 |
| BIXINCNT_115KV_LOAD 355685 | 100.17 -6.21 -1.15 | 82.27 -4.80 -1.43 | 76.27 -4.43 -1.63 | 81.40 -5.52 -0.73 | 81.99 -5.07 -1.05 | 83.29 -3.74 -2.02 | 86.31 -4.02 -2.96 | 118.36 -8.72 -2.49 | 119.35 -8.51 -0.78 | 83.47 -5.14 -1.52 | 79.86 -5.54 -0.21 | 77.34 -5.64 0.00 | 76.19 -5.91 0.00 | 75.42 -5.76 0.00 | 78.91 -6.03 0.00 | 67.34 -4.94 -1.72 | 67.21 -6.13 -2.85 | 69.36 -6.93 -5.57 | 70.57 -5.01 -5.02 | 65.35 -4.94 0.26 | 61.37 -4.45 4.87 | 57.87 -6.18 6.20 | 64.76 -5.63 0.02 | 64.03 -8.69 -2.61 |
| BLACK RIVER___HYD 24047 | 107.44 2.21 0.00 | 87.26 1.62 0.00 | 80.65 1.58 0.00 | 88.42 2.24 0.00 | 88.59 2.58 0.00 | 88.06 3.06 0.00 | 90.77 3.40 0.00 | 131.07 6.47 0.00 | 133.44 6.35 0.00 | 90.75 3.66 0.00 | 87.99 2.81 0.00 | 85.30 2.32 0.00 | 84.16 2.05 0.00 | 83.29 2.11 0.00 | 87.15 2.20 0.00 | 73.10 2.54 0.00 | 73.03 2.53 0.00 | 73.93 2.26 -0.95 | 73.39 2.83 0.00 | 71.86 1.27 -0.03 | 72.20 1.27 -0.23 | 71.37 1.12 0.00 | 71.53 1.12 0.00 | 70.93 0.70 -0.11 |
| BLACKRVR_115KV_TB2 79977 | 107.43 2.21 0.00 | 87.26 1.63 0.00 | 80.65 1.58 0.00 | 88.42 2.24 0.00 | 88.59 2.58 0.00 | 88.07 3.06 0.00 | 90.78 3.41 0.00 | 131.07 6.48 0.00 | 133.44 6.35 0.00 | 90.75 3.66 0.00 | 87.91 2.73 0.00 | 85.39 2.41 0.00 | 84.16 2.05 0.00 | 83.29 2.11 0.00 | 87.15 2.21 0.00 | 73.10 2.54 0.00 | 73.03 2.54 0.00 | 73.93 2.26 -0.95 | 73.39 2.82 0.00 | 71.85 1.27 -0.03 | 72.09 1.20 -0.19 | 71.38 1.12 0.00 | 71.53 1.13 0.00 | 70.93 0.70 -0.11 |
| BLISS_WT_PWR 323608 | 99.85 -6.52 -1.15 | 81.93 -5.14 -1.43 | 75.96 -4.74 -1.63 | 80.97 -5.95 -0.73 | 81.65 -5.42 -1.05 | 83.03 -3.99 -2.02 | 86.13 -4.19 -2.96 | 118.11 -8.97 -2.49 | 119.35 -8.51 -0.78 | 83.39 -5.22 -1.52 | 79.52 -5.88 -0.21 | 76.84 -6.14 0.00 | 75.95 -6.16 0.00 | 75.26 -5.92 0.00 | 78.75 -6.20 0.00 | 67.28 -5.01 -1.72 | 67.14 -6.20 -2.85 | 69.24 -7.07 -5.59 | 70.36 -5.22 -5.02 | 65.00 -5.29 0.26 | 61.09 -4.74 4.87 | 57.30 -6.74 6.20 | 64.12 -6.27 0.02 | 63.33 -9.39 -2.61 |
| BLUESTONE___WT_PWR 323821 | 116.11 6.94 -3.94 | 95.93 5.40 -4.89 | 89.48 4.82 -5.59 | 93.94 5.26 -2.50 | 95.30 5.68 -3.62 | 98.82 6.88 -6.93 | 105.10 7.60 -10.14 | 143.61 10.47 -8.55 | 140.17 10.42 -2.66 | 98.33 7.05 -4.19 | 91.88 6.22 -0.48 | 88.96 5.98 0.00 | 87.77 5.66 0.00 | 86.94 5.76 0.00 | 91.06 6.12 0.00 | 80.62 5.36 -4.70 | 83.82 5.36 -7.97 | 96.96 5.31 -20.93 | 90.50 5.79 -14.15 | 85.29 5.29 -9.45 | 85.13 5.23 -9.20 | 81.50 4.43 -6.82 | 79.06 4.37 -4.28 | 80.28 3.23 -6.94 |
| BLUE_CIRC_CHEM_DRP 24182 | 127.67 4.74 -17.71 | 111.46 3.85 -21.97 | 107.72 3.56 -25.10 | 101.20 3.79 -11.23 | 105.95 3.70 -16.24 | 119.79 3.66 -31.12 | 136.58 3.67 -45.54 | 167.85 4.86 -38.40 | 143.98 4.96 -11.94 | 103.93 3.48 -13.35 | 89.51 3.41 -0.92 | 86.47 3.49 0.00 | 85.64 3.53 0.00 | 84.75 3.57 0.00 | 88.68 3.74 0.00 | 88.03 2.75 -14.72 | 102.91 2.75 -29.66 | 144.05 2.83 -70.50 | 126.07 2.82 -52.68 | 108.42 2.82 -35.05 | 107.20 2.90 -33.60 | 98.53 2.88 -25.40 | 89.38 3.03 -15.94 | 98.86 3.16 -25.59 |
| BOC_GAS_DRP 24189 | 124.58 4.00 -15.36 | 107.94 3.25 -19.05 | 103.76 2.93 -21.76 | 99.02 3.10 -9.74 | 103.19 3.10 -14.09 | 115.06 3.06 -26.99 | 130.09 3.23 -39.49 | 162.25 4.36 -33.30 | 142.02 4.58 -10.35 | 100.85 3.40 -10.36 | 89.09 3.32 -0.58 | 86.30 3.32 0.00 | 85.47 3.37 0.00 | 84.51 3.33 0.00 | 88.51 3.57 0.00 | 84.43 2.54 -11.33 | 100.50 2.61 -27.40 | 140.87 2.62 -67.53 | 121.83 2.61 -48.66 | 105.60 2.61 -32.44 | 104.90 2.69 -31.51 | 96.31 2.60 -23.46 | 87.88 2.75 -14.73 | 96.72 2.73 -23.87 |
| BOONVILLE_115KV_TB1 79983 | 107.75 2.53 0.00 | 87.60 1.97 0.00 | 80.89 1.82 0.00 | 88.51 2.33 0.00 | 88.59 2.58 0.00 | 87.81 2.81 0.00 | 90.34 2.97 0.00 | 129.57 4.98 0.00 | 132.04 4.96 0.00 | 90.31 3.22 0.00 | 87.57 2.39 0.00 | 85.39 2.41 0.00 | 84.32 2.22 0.00 | 83.45 2.27 0.00 | 87.24 2.29 0.00 | 72.61 2.05 0.00 | 72.47 1.97 0.00 | 73.30 1.91 -0.68 | 72.61 2.05 0.00 | 72.20 1.62 -0.02 | 72.46 1.63 -0.14 | 71.73 1.48 0.00 | 71.89 1.48 0.00 | 71.31 1.12 -0.07 |
| BORALEX_4TH_BRANCH 23824 | 148.95 9.15 -34.57 | 136.40 7.88 -42.89 | 135.25 7.20 -48.99 | 115.95 7.84 -21.92 | 125.46 7.74 -31.71 | 153.58 7.82 -60.75 | 184.65 8.39 -88.89 | 210.88 11.34 -74.95 | 161.45 11.06 -23.31 | 123.55 8.01 -28.45 | 95.16 7.92 -2.06 | 90.37 7.39 0.00 | 89.25 7.14 0.00 | 88.24 7.06 0.00 | 92.76 7.81 0.00 | 108.51 6.42 -31.52 | 124.93 6.70 -47.73 | 175.02 6.79 -97.51 | 162.19 6.84 -84.78 | 133.46 6.98 -55.92 | 128.58 7.07 -50.81 | 118.08 6.95 -40.87 | 103.11 7.04 -25.66 | 116.19 6.52 -39.56 |
| BOWLINE___1 23526 | 120.09 7.90 -6.97 | 100.53 6.25 -8.65 | 94.56 5.61 -9.88 | 96.55 5.94 -4.42 | 98.17 5.76 -6.39 | 103.21 5.95 -12.25 | 112.02 6.73 -17.93 | 149.55 9.84 -15.12 | 141.44 9.65 -4.70 | 113.46 7.22 -19.15 | 95.44 6.99 -3.27 | 89.87 6.88 0.00 | 88.75 6.65 0.00 | 87.68 6.50 0.00 | 91.99 7.05 0.00 | 98.32 5.65 -22.11 | 91.56 5.64 -15.43 | 120.24 5.80 -43.72 | 103.75 5.79 -27.40 | 94.84 5.85 -18.44 | 95.55 5.94 -18.91 | 89.15 5.69 -13.21 | 84.40 5.70 -8.29 | 89.19 5.05 -14.02 |
| BOWLINE___2 23595 | 120.30 8.10 -6.97 | 100.71 6.43 -8.65 | 94.65 5.70 -9.88 | 96.63 6.03 -4.42 | 98.34 5.93 -6.39 | 103.30 6.04 -12.25 | 112.20 6.90 -17.93 | 149.68 9.97 -15.12 | 141.71 9.92 -4.70 | 113.56 7.32 -19.15 | 95.52 7.07 -3.27 | 90.03 7.05 0.00 | 88.84 6.73 0.00 | 87.84 6.66 0.00 | 92.08 7.14 0.00 | 98.46 5.79 -22.11 | 91.63 5.71 -15.43 | 120.39 5.94 -43.73 | 103.89 5.93 -27.40 | 94.92 5.93 -18.44 | 95.70 6.08 -18.92 | 89.22 5.76 -13.21 | 84.54 5.84 -8.29 | 89.26 5.12 -14.03 |
| BRADY___115KV_TB2 356060 | 104.28 -0.95 0.00 | 85.12 -0.51 0.00 | 78.99 -0.08 0.00 | 85.84 -0.34 0.00 | 85.58 -0.43 0.00 | 83.90 -1.11 0.00 | 85.27 -2.10 0.00 | 121.97 -2.62 0.00 | 124.29 -2.80 0.00 | 84.83 -2.26 0.00 | 83.31 -1.87 0.00 | 80.91 -2.07 0.00 | 80.38 -1.72 0.00 | 79.39 -1.79 0.00 | 82.65 -2.29 0.00 | 69.50 -1.06 0.00 | 69.58 -0.92 0.00 | 69.45 -1.27 0.00 | 69.58 -0.99 0.00 | 69.35 -1.20 0.00 | 69.35 -1.34 0.00 | 69.76 -0.49 0.00 | 69.77 -0.63 0.00 | 69.90 -0.21 0.00 |
| BRANSCOMB___SOLAR 323811 | 156.19 6.53 -44.44 | 145.99 5.22 -55.13 | 146.86 4.82 -62.97 | 119.53 5.17 -28.18 | 131.84 5.07 -40.75 | 168.37 5.27 -78.09 | 207.39 5.76 -114.26 | 228.91 7.98 -96.34 | 165.19 8.14 -29.96 | 125.40 6.09 -32.21 | 92.68 5.80 -1.70 | 88.63 5.65 0.00 | 87.69 5.59 0.00 | 86.70 5.52 0.00 | 90.89 5.94 0.00 | 111.05 5.08 -35.41 | 134.06 4.72 -58.84 | 191.02 4.81 -115.49 | 179.95 4.87 -104.52 | 144.21 4.86 -68.79 | 137.21 4.87 -61.64 | 125.27 4.64 -50.38 | 106.61 4.57 -31.63 | 122.59 4.21 -48.27 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 125.35 12.84 -7.29 | 107.57 11.56 -10.37 | 105.37 10.36 -15.94 | 104.13 11.03 -6.92 | 110.31 10.92 -13.37 | 116.66 11.39 -20.26 | 147.89 12.41 -48.12 | 161.89 18.19 -19.11 | 149.95 17.92 -4.95 | 120.17 12.80 -20.28 | 100.49 11.84 -3.46 | 94.02 11.04 0.00 | 91.79 9.69 0.00 | 91.41 10.23 0.00 | 96.24 11.30 0.00 | 111.68 9.88 -31.24 | 122.48 9.87 -42.11 | 139.56 10.47 -58.37 | 137.95 10.44 -56.94 | 128.69 10.37 -47.77 | 126.42 10.39 -45.33 | 118.70 9.91 -38.54 | 106.84 10.21 -26.22 | 93.57 8.83 -14.62 |

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|----------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| BRISTLHL_115KV_TB1 79998 | 102.28 -2.95 0.00 | 83.15 -2.48 0.00 | 76.78 -2.29 0.00 | 83.60 -2.59 0.00 | 83.52 -2.49 0.00 | 82.80 -2.21 0.00 | 85.36 -2.01 0.00 | 121.48 -3.11 0.00 | 123.91 -3.18 0.00 | 85.00 -2.09 0.00 | 83.05 -2.13 0.00 | 80.91 -2.07 0.00 | 80.05 -2.05 0.00 | 79.15 -2.03 0.00 | 82.82 -2.12 0.00 | 68.87 -1.69 0.00 | 68.66 -1.83 0.00 | 70.71 -1.70 -1.69 | 68.73 -1.83 0.00 | 68.77 -1.83 -0.05 | 69.28 -1.77 -0.35 | 68.21 -2.04 0.00 | 68.44 -1.97 0.00 | 68.39 -1.89 -0.17 |
| BROOKHAVEN___DRP 24191 | 124.93 12.42 -7.29 | 107.67 11.65 -10.39 | 105.51 10.44 -16.00 | 104.33 11.20 -6.94 | 110.55 11.10 -13.44 | 116.91 11.56 -20.34 | 148.54 12.76 -48.42 | 162.43 18.69 -19.15 | 149.83 17.79 -4.95 | 120.26 12.89 -20.28 | 100.06 11.41 -3.46 | 93.94 10.95 0.00 | 91.22 9.11 0.00 | 91.25 10.07 0.00 | 96.16 11.21 0.00 | 111.43 9.95 -30.92 | 122.58 10.01 -42.07 | 139.86 10.82 -58.32 | 138.51 10.80 -57.15 | 129.25 10.79 -47.90 | 126.93 10.82 -45.42 | 118.94 10.12 -38.57 | 107.30 10.49 -26.40 | 93.71 8.97 -14.62 |
| BROOKLYN_NAVY_YARD 23515 | 122.40 9.89 -7.29 | 102.21 7.54 -9.04 | 96.11 6.72 -10.32 | 97.87 7.07 -4.62 | 99.58 6.88 -6.68 | 104.78 6.97 -12.80 | 114.05 7.95 -18.73 | 152.23 11.84 -15.80 | 143.94 11.94 -4.91 | 116.33 8.97 -20.26 | 97.17 8.52 -3.47 | 91.53 8.55 0.00 | 90.32 8.21 0.00 | 89.22 8.04 0.00 | 93.61 8.67 0.00 | 100.88 6.92 -23.40 | 93.49 6.91 -16.08 | 123.22 7.07 -45.43 | 106.19 7.06 -28.57 | 96.90 7.12 -19.22 | 97.60 7.21 -19.69 | 90.98 6.96 -13.77 | 86.16 7.11 -8.65 | 90.96 6.24 -14.61 |
| BROOKLYN___ARMY_DRP 323595 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| BROOKVLE_69_KV_TB1 55790 | 123.25 10.73 -7.29 | 104.81 9.33 -9.85 | 101.34 8.54 -13.73 | 101.24 9.05 -6.01 | 105.70 8.95 -10.74 | 111.18 8.84 -17.33 | 133.74 9.79 -36.58 | 156.60 14.20 -17.81 | 146.51 14.49 -4.93 | 117.81 10.45 -20.27 | 98.71 10.05 -3.48 | 92.44 9.46 0.00 | 90.90 8.79 -0.01 | 90.03 8.85 0.00 | 94.54 9.60 0.00 | 115.10 8.19 -36.35 | 116.67 8.11 -38.07 | 136.08 8.34 -57.02 | 126.51 8.26 -47.69 | 118.69 8.33 -39.82 | 117.91 8.41 -38.79 | 111.70 8.15 -33.30 | 98.04 8.31 -19.32 | 91.88 7.15 -14.61 |
| BROOME_2_LFGE 323671 | 108.22 0.74 -2.25 | 88.95 0.52 -2.79 | 82.74 0.48 -3.19 | 87.96 0.35 -1.43 | 88.51 0.43 -2.07 | 89.99 1.02 -3.96 | 94.38 1.22 -5.79 | 130.35 0.88 -4.88 | 129.50 0.90 -1.52 | 90.75 0.78 -2.87 | 86.09 0.51 -0.39 | 83.48 0.50 0.00 | 82.68 0.58 0.00 | 81.67 0.49 0.00 | 85.54 0.60 0.00 | 74.17 0.35 -3.25 | 76.05 0.07 -5.48 | 85.20 0.14 -14.34 | 80.87 0.56 -9.74 | 77.69 0.56 -6.57 | 78.14 0.71 -6.74 | 75.16 0.21 -4.70 | 73.71 0.35 -2.95 | 74.73 -0.35 -4.97 |
| BROOME___LFGE 323600 | 108.22 0.74 -2.25 | 88.95 0.52 -2.79 | 82.74 0.48 -3.19 | 87.96 0.35 -1.43 | 88.51 0.43 -2.07 | 89.99 1.02 -3.96 | 94.38 1.22 -5.79 | 130.35 0.88 -4.88 | 129.50 0.90 -1.52 | 90.75 0.78 -2.87 | 86.09 0.51 -0.39 | 83.48 0.50 0.00 | 82.68 0.58 0.00 | 81.67 0.49 0.00 | 85.54 0.60 0.00 | 74.17 0.35 -3.25 | 76.05 0.07 -5.48 | 85.20 0.14 -14.34 | 80.87 0.56 -9.74 | 77.69 0.56 -6.57 | 78.14 0.71 -6.74 | 75.16 0.21 -4.70 | 73.71 0.35 -2.95 | 74.73 -0.35 -4.97 |
| BROWNFLS_115KV_TB_3_5 80003 | 104.28 -0.95 0.00 | 84.86 -0.77 0.00 | 78.67 -0.40 0.00 | 85.92 -0.26 0.00 | 85.75 -0.26 0.00 | 84.24 -0.77 0.00 | 85.71 -1.66 0.00 | 123.34 -1.25 0.00 | 125.69 -1.40 0.00 | 85.78 -1.31 0.00 | 83.91 -1.28 0.00 | 81.49 -1.49 0.00 | 80.71 -1.40 0.00 | 79.80 -1.38 0.00 | 83.16 -1.78 0.00 | 69.58 -0.99 0.00 | 69.37 -1.13 0.00 | 69.81 -1.41 -0.50 | 69.36 -1.20 0.00 | 68.80 -1.76 -0.02 | 69.03 -1.77 -0.10 | 69.20 -1.05 0.00 | 69.42 -0.99 0.00 | 69.33 -0.84 -0.06 |
| BROWNSV1_27_KV_LOAD 356125 | 123.56 11.05 -7.29 | 103.15 8.48 -9.04 | 96.98 7.59 -10.32 | 98.82 8.01 -4.62 | 100.52 7.83 -6.68 | 105.72 7.91 -12.80 | 115.01 8.91 -18.73 | 153.59 13.21 -15.80 | 145.47 13.47 -4.91 | 117.19 9.84 -20.26 | 98.19 9.54 -3.47 | 92.44 9.46 0.00 | 91.22 9.11 0.00 | 90.19 9.01 0.00 | 94.63 9.68 0.00 | 101.73 7.76 -23.40 | 94.34 7.75 -16.08 | 123.54 7.92 -44.91 | 106.96 7.83 -28.57 | 97.75 7.97 -19.22 | 98.45 8.06 -19.69 | 91.82 7.80 -13.77 | 86.94 7.89 -8.65 | 91.73 7.01 -14.61 |
| BURROWS___LYONSDAL 23803 | 107.22 2.00 0.00 | 87.18 1.54 0.00 | 80.57 1.50 0.00 | 88.25 2.07 0.00 | 88.33 2.32 0.00 | 87.39 2.38 0.00 | 89.90 2.53 0.00 | 129.20 4.61 0.00 | 131.79 4.70 0.00 | 89.97 2.87 0.00 | 87.23 2.04 0.00 | 84.98 1.99 0.00 | 83.91 1.81 0.00 | 82.97 1.79 0.00 | 86.81 1.87 0.00 | 72.26 1.69 0.00 | 72.12 1.62 0.00 | 72.89 1.49 -0.68 | 72.19 1.62 0.00 | 71.70 1.13 -0.02 | 71.97 1.13 -0.14 | 71.31 1.05 0.00 | 71.46 1.06 0.00 | 70.89 0.70 -0.07 |
| CAITHNESS_CC_1 323624 | 124.19 11.68 -7.29 | 107.24 11.22 -10.39 | 105.19 10.12 -16.00 | 103.98 10.86 -6.94 | 110.21 10.75 -13.44 | 116.66 11.31 -20.34 | 148.12 12.32 -48.43 | 161.80 18.06 -19.15 | 148.55 16.51 -4.95 | 119.91 12.54 -20.28 | 99.80 11.16 -3.46 | 93.85 10.87 0.00 | 91.21 9.11 0.00 | 91.00 9.82 0.00 | 95.82 10.88 0.00 | 111.14 9.67 -30.91 | 122.30 9.73 -42.07 | 140.03 10.46 -58.84 | 138.23 10.52 -57.15 | 128.90 10.44 -47.90 | 126.58 10.46 -45.42 | 118.52 9.70 -38.57 | 106.96 10.14 -26.41 | 93.42 8.69 -14.62 |
| CALPINE BETH_PAGE_GT4 24209 | 123.25 10.73 -7.29 | 105.49 9.68 -10.18 | 102.92 8.70 -15.15 | 102.00 9.22 -6.59 | 107.56 9.12 -12.43 | 113.57 9.35 -19.21 | 141.58 10.22 -43.99 | 158.06 14.83 -18.65 | 147.02 15.00 -4.94 | 118.16 10.80 -20.27 | 98.88 10.22 -3.47 | 92.44 9.46 0.00 | 90.65 8.54 0.00 | 90.03 8.85 0.00 | 94.54 9.60 0.00 | 114.30 8.33 -35.41 | 121.24 8.32 -42.42 | 138.28 8.56 -59.01 | 133.27 8.54 -54.16 | 125.01 8.61 -45.85 | 123.39 8.70 -44.00 | 116.63 8.43 -37.94 | 102.82 8.66 -23.75 | 92.37 7.64 -14.62 |
| CALPINE_BETH_PAGE_GT_4 323586 | 123.03 10.52 -7.29 | 105.41 9.59 -10.18 | 102.92 8.70 -15.15 | 102.00 9.23 -6.59 | 107.56 9.11 -12.43 | 113.49 9.27 -19.21 | 141.57 10.22 -43.99 | 158.06 14.82 -18.65 | 146.13 14.11 -4.94 | 118.16 10.80 -20.27 | 98.79 10.13 -3.47 | 92.61 9.62 0.00 | 90.73 8.62 0.00 | 90.03 8.85 0.00 | 94.54 9.60 0.00 | 114.29 8.32 -35.41 | 121.23 8.31 -42.42 | 138.80 8.55 -59.53 | 133.33 8.61 -54.16 | 125.01 8.60 -45.85 | 123.46 8.76 -44.00 | 116.62 8.43 -37.94 | 102.82 8.66 -23.75 | 92.37 7.64 -14.62 |
| CALPINE_BP_GT1 23823 | 123.03 10.52 -7.29 | 105.41 9.59 -10.18 | 102.92 8.70 -15.15 | 102.00 9.23 -6.59 | 107.56 9.11 -12.43 | 113.49 9.27 -19.21 | 141.57 10.22 -43.99 | 158.06 14.82 -18.65 | 146.13 14.11 -4.94 | 118.16 10.80 -20.27 | 98.79 10.13 -3.47 | 92.61 9.62 0.00 | 90.73 8.62 0.00 | 90.03 8.85 0.00 | 94.54 9.60 0.00 | 114.29 8.32 -35.41 | 121.23 8.31 -42.42 | 138.80 8.55 -59.53 | 133.33 8.61 -54.16 | 125.01 8.60 -45.85 | 123.46 8.76 -44.00 | 116.62 8.43 -37.94 | 102.82 8.66 -23.75 | 92.37 7.64 -14.62 |
| CALSPAN___DRP 24200 | 99.76 -6.52 -1.06 | 82.07 -4.88 -1.32 | 76.07 -4.51 -1.51 | 81.51 -5.34 -0.67 | 81.91 -5.07 -0.97 | 82.88 -4.00 -1.87 | 85.29 -4.81 -2.73 | 117.05 -9.84 -2.30 | 117.64 -10.17 -0.72 | 82.22 -6.27 -1.40 | 78.99 -6.39 -0.20 | 76.76 -6.22 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.97 0.00 | 66.44 -5.72 -1.59 | 65.86 -7.26 -2.62 | 68.69 -7.28 -5.25 | 68.46 -6.70 -4.60 | 61.57 -6.21 2.77 | 54.99 -5.44 10.26 | 52.11 -6.60 11.54 | 63.57 -5.77 1.06 | 65.72 -6.80 -2.41 |

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|-------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|
| CALVERTON___SOLAR 323806 | 124.61 12.10 -7.29 | 107.92 11.90 -10.39 | 105.90 10.83 -16.00 | 104.67 11.55 -6.94 | 110.89 11.44 -13.44 | 117.41 12.07 -20.34 | 148.89 13.10 -48.42 | 163.17 19.43 -19.15 | 149.45 17.41 -4.95 | 120.60 13.23 -20.28 | 100.23 11.58 -3.46 | 94.44 11.46 0.00 | 91.54 9.44 0.00 | 91.49 10.31 0.00 | 96.41 11.46 0.00 | 111.71 10.23 -30.92 | 122.93 10.37 -42.07 | 140.81 11.25 -58.85 | 139.00 11.29 -57.15 | 129.67 11.22 -47.90 | 127.36 11.24 -45.42 | 119.16 10.33 -38.57 | 107.65 10.84 -26.40 | 94.06 9.33 -14.62 |
| CANDIGU_WT_PWR 323617 | 103.71 -2.95 -1.43 | 85.11 -2.31 -1.78 | 78.80 -2.30 -2.03 | 84.33 -2.76 -0.91 | 84.75 -2.58 -1.31 | 85.91 -1.62 -2.52 | 89.31 -1.75 -3.69 | 123.22 -4.48 -3.11 | 123.48 -4.57 -0.97 | 85.93 -3.05 -1.89 | 81.95 -3.50 -0.26 | 79.66 -3.32 0.00 | 78.90 -3.20 0.00 | 78.01 -3.17 0.00 | 81.63 -3.31 0.00 | 70.02 -2.68 -2.14 | 70.54 -3.52 -3.57 | 73.23 -3.60 -6.11 | 73.49 -3.10 -6.03 | 38.30 -3.17 29.08 | -4.08 -2.83 71.95 | -6.00 -3.58 72.67 | 55.20 -3.59 11.62 | 68.68 -4.70 -3.26 |
| CARR STREET_E_SYR 24060 | 103.75 -1.47 0.00 | 84.35 -1.28 0.00 | 77.80 -1.27 0.00 | 84.80 -1.38 0.00 | 84.72 -1.29 0.00 | 84.16 -0.85 0.00 | 86.67 -0.70 0.00 | 123.22 -1.37 0.00 | 125.82 -1.27 0.00 | 86.69 -0.79 -0.39 | 84.24 -1.02 -0.08 | 82.07 -0.91 0.00 | 81.20 -0.90 0.00 | 80.21 -0.97 0.00 | 83.93 -1.02 0.00 | 70.10 -0.92 -0.45 | 69.44 -1.06 0.00 | 71.93 -0.92 -2.14 | 69.51 -1.06 0.00 | 69.63 -0.99 -0.06 | 70.21 -0.92 -0.44 | 68.91 -1.34 0.00 | 69.21 -1.20 0.00 | 69.07 -1.26 -0.22 |
| CARTHAGE___PAPER 23857 | 106.28 1.05 0.00 | 86.32 0.68 0.00 | 79.86 0.79 0.00 | 87.56 1.37 0.00 | 87.64 1.63 0.00 | 86.80 1.79 0.00 | 89.29 1.92 0.00 | 129.07 4.48 0.00 | 131.41 4.32 0.00 | 89.44 2.35 0.00 | 86.80 1.61 0.00 | 84.23 1.25 0.00 | 83.01 0.90 0.00 | 82.23 1.05 0.00 | 85.97 1.02 0.00 | 71.97 1.41 0.00 | 71.91 1.41 0.00 | 72.71 1.13 -0.86 | 72.11 1.55 0.00 | 70.94 0.35 -0.03 | 71.19 0.28 -0.20 | 70.60 0.35 0.00 | 70.69 0.28 0.00 | 70.21 0.00 -0.10 |
| CASSADAGA_WT_PWR 323784 | 101.19 -5.15 -1.12 | 83.00 -4.02 -1.39 | 77.02 -3.64 -1.58 | 82.67 -4.22 -0.71 | 83.17 -3.87 -1.02 | 84.59 -2.38 -1.96 | 87.53 -2.71 -2.87 | 120.53 -6.48 -2.42 | 121.74 -6.10 -0.75 | 84.99 -3.57 -1.48 | 81.30 -4.09 -0.21 | 78.84 -4.15 0.00 | 77.83 -4.27 0.00 | 76.72 -4.46 0.00 | 79.76 -5.18 0.00 | 67.93 -4.31 -1.67 | 67.20 -6.06 -2.76 | 69.81 -6.29 -5.39 | 70.06 -5.37 -4.86 | 64.42 -5.01 1.12 | 59.61 -4.38 6.71 | 56.42 -5.76 8.07 | 64.95 -5.07 0.38 | 65.91 -6.73 -2.53 |
| CE_DUNWOOD___DRP 24194 | 121.75 9.26 -7.27 | 101.93 7.28 -9.02 | 95.93 6.56 -10.30 | 97.77 6.98 -4.61 | 99.47 6.79 -6.67 | 104.75 6.97 -12.77 | 113.83 7.78 -18.69 | 151.69 11.34 -15.76 | 143.43 11.44 -4.90 | 115.74 8.45 -20.21 | 96.82 8.18 -3.46 | 91.03 8.05 0.00 | 89.82 7.72 0.00 | 88.81 7.63 0.00 | 93.10 8.15 0.00 | 100.53 6.63 -23.34 | 93.11 6.56 -16.05 | 122.33 6.79 -44.82 | 105.78 6.77 -28.51 | 96.51 6.77 -19.18 | 97.21 6.86 -19.65 | 90.67 6.67 -13.75 | 85.73 6.69 -8.63 | 90.65 5.96 -14.58 |
| CE_MILLWOOD___DRP 24193 | 121.40 8.94 -7.24 | 101.72 7.11 -8.98 | 95.72 6.40 -10.25 | 97.49 6.72 -4.59 | 99.27 6.62 -6.64 | 104.44 6.72 -12.71 | 113.57 7.60 -18.60 | 151.36 11.09 -15.69 | 143.15 11.18 -4.88 | 115.36 8.19 -20.08 | 96.54 7.92 -3.44 | 90.70 7.72 0.00 | 89.58 7.47 0.00 | 88.57 7.39 0.00 | 92.84 7.90 0.00 | 100.18 6.42 -23.20 | 92.83 6.34 -15.98 | 121.93 6.58 -44.64 | 105.45 6.49 -28.39 | 96.22 6.56 -19.10 | 96.91 6.65 -19.57 | 90.40 6.46 -13.69 | 85.48 6.48 -8.59 | 90.38 5.75 -14.52 |
| CE_NYC2_DRP 24202 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.20 -10.32 | 98.47 7.67 -4.62 | 100.00 7.31 -6.68 | 105.12 7.31 -12.80 | 114.40 8.30 -18.74 | 152.72 12.33 -15.80 | 144.71 12.71 -4.91 | 116.94 9.58 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.29 9.34 0.00 | 101.45 7.48 -23.40 | 96.00 7.40 -18.10 | 123.12 7.50 -44.91 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.87 7.59 -15.03 | 88.38 7.67 -10.30 | 91.45 6.73 -14.61 |
| CE_NYC_DRP 24195 | 122.82 10.31 -7.29 | 102.47 7.79 -9.04 | 96.43 7.04 -10.32 | 98.21 7.41 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.40 8.30 -18.73 | 152.60 12.21 -15.80 | 144.45 12.45 -4.91 | 116.58 9.23 -20.26 | 97.59 8.94 -3.47 | 91.86 8.88 0.00 | 90.64 8.54 0.00 | 89.62 8.44 0.00 | 94.03 9.09 0.00 | 101.23 7.27 -23.40 | 93.77 7.19 -16.08 | 122.98 7.35 -44.91 | 106.40 7.27 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.26 7.24 -13.77 | 86.38 7.32 -8.65 | 91.24 6.52 -14.61 |
| CHAFFEE___LFGE 323603 | 100.02 -6.31 -1.11 | 82.38 -4.63 -1.37 | 76.29 -4.35 -1.57 | 81.80 -5.08 -0.70 | 82.13 -4.90 -1.01 | 83.21 -3.74 -1.94 | 85.66 -4.55 -2.84 | 117.51 -9.47 -2.40 | 118.43 -9.40 -0.75 | 82.63 -5.93 -1.46 | 79.00 -6.39 -0.20 | 76.76 -6.23 0.00 | 75.95 -6.16 0.00 | 75.01 -6.17 0.00 | 78.23 -6.71 0.00 | 66.72 -5.50 -1.66 | 66.18 -7.05 -2.74 | 69.14 -7.00 -5.43 | 69.31 -6.07 -4.81 | 63.47 -5.58 1.51 | 58.48 -4.67 7.55 | 55.36 -6.04 8.85 | 64.59 -5.28 0.54 | 65.89 -6.73 -2.51 |
| CHATEAUG_35_KV_LOAD 355732 | 104.38 -0.84 0.00 | 85.12 -0.51 0.00 | 78.83 -0.24 0.00 | 85.84 -0.34 0.00 | 85.49 -0.52 0.00 | 83.90 -1.11 0.00 | 85.27 -2.10 0.00 | 121.73 -2.87 0.00 | 124.16 -2.92 0.00 | 85.18 -1.92 0.00 | 83.56 -1.62 0.00 | 81.24 -1.74 0.00 | 80.46 -1.64 0.00 | 79.48 -1.70 0.00 | 82.99 -1.95 0.00 | 69.58 -0.99 0.00 | 69.65 -0.85 0.00 | 69.52 -1.20 0.00 | 69.36 -1.20 0.00 | 69.14 -1.41 0.00 | 69.07 -1.63 0.00 | 69.13 -1.12 0.00 | 68.86 -1.55 0.00 | 69.13 -0.98 0.00 |
| CHATEAUG_WT_PWR 323614 | 104.49 -0.73 0.00 | 85.21 -0.43 0.00 | 78.91 -0.16 0.00 | 85.92 -0.26 0.00 | 85.58 -0.43 0.00 | 83.99 -1.02 0.00 | 85.45 -1.92 0.00 | 121.48 -3.11 0.00 | 123.91 -3.17 0.00 | 85.17 -1.92 0.00 | 83.73 -1.45 0.00 | 81.24 -1.75 0.00 | 80.38 -1.73 0.00 | 79.56 -1.62 0.00 | 82.99 -1.95 0.00 | 69.57 -0.99 0.00 | 69.65 -0.84 0.00 | 69.45 -1.27 0.00 | 69.22 -1.34 0.00 | 69.14 -1.41 0.00 | 68.93 -1.76 0.00 | 69.06 -1.19 0.00 | 68.86 -1.55 0.00 | 69.20 -0.91 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 104.38 -0.84 0.00 | 85.12 -0.51 0.00 | 78.83 -0.24 0.00 | 85.84 -0.34 0.00 | 85.49 -0.52 0.00 | 83.90 -1.11 0.00 | 85.27 -2.10 0.00 | 121.73 -2.87 0.00 | 124.16 -2.92 0.00 | 85.18 -1.92 0.00 | 83.56 -1.62 0.00 | 81.24 -1.74 0.00 | 80.46 -1.64 0.00 | 79.48 -1.70 0.00 | 82.99 -1.95 0.00 | 69.58 -0.99 0.00 | 69.65 -0.85 0.00 | 69.52 -1.20 0.00 | 69.36 -1.20 0.00 | 69.14 -1.41 0.00 | 69.07 -1.63 0.00 | 69.13 -1.12 0.00 | 68.86 -1.55 0.00 | 69.13 -0.98 0.00 |
| CHAUTAUQUA___LFGE 323629 | 100.52 -5.79 -1.08 | 82.62 -4.36 -1.35 | 76.58 -4.03 -1.54 | 82.21 -4.66 -0.69 | 82.71 -4.30 -0.99 | 83.94 -2.98 -1.91 | 86.57 -3.59 -2.79 | 118.97 -7.98 -2.35 | 120.06 -7.76 -0.73 | 83.73 -4.79 -1.43 | 80.10 -5.28 -0.20 | 77.76 -5.23 0.00 | 76.85 -5.26 0.00 | 75.74 -5.44 0.00 | 78.91 -6.03 0.00 | 67.18 -5.01 -1.62 | 66.48 -6.70 -2.68 | 69.30 -6.72 -5.30 | 68.99 -6.28 -4.71 | 62.39 -5.86 2.31 | 56.31 -5.09 9.30 | 53.15 -6.46 10.64 | 63.83 -5.70 0.88 | 65.91 -6.66 -2.46 |
| CHERRYST_13_KV_LD 356241 | 123.03 10.52 -7.29 | 102.72 8.05 -9.04 | 96.67 7.27 -10.32 | 98.47 7.67 -4.62 | 100.18 7.48 -6.68 | 105.38 7.57 -12.80 | 114.66 8.56 -18.73 | 153.10 12.71 -15.80 | 144.96 12.96 -4.91 | 116.93 9.58 -20.26 | 97.94 9.28 -3.47 | 92.20 9.21 0.00 | 90.97 8.87 0.00 | 89.95 8.77 0.00 | 94.29 9.34 0.00 | 101.51 7.55 -23.40 | 94.05 7.47 -16.08 | 123.26 7.64 -44.91 | 106.68 7.55 -28.57 | 97.39 7.62 -19.22 | 98.09 7.71 -19.69 | 91.47 7.45 -13.77 | 86.59 7.53 -8.65 | 91.45 6.73 -14.61 |

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|--------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| CHESTROR_138KV_BK263 355645 | 119.33 7.47 -6.64 | 99.78 5.91 -8.23 | 93.77 5.30 -9.40 | 95.99 5.60 -4.21 | 97.52 5.42 -6.09 | 102.28 5.61 -11.66 | 110.81 6.38 -17.07 | 148.08 9.10 -14.39 | 140.59 9.02 -4.47 | 111.62 6.62 -17.91 | 94.62 6.39 -3.05 | 89.21 6.22 0.00 | 88.10 5.99 0.00 | 87.11 5.93 0.00 | 91.40 6.46 0.00 | 96.46 5.22 -20.68 | 90.36 5.15 -14.71 | 117.31 5.30 -41.29 | 101.99 5.29 -26.13 | 93.44 5.29 -17.59 | 94.21 5.44 -18.07 | 88.05 5.20 -12.60 | 83.60 5.28 -7.91 | 88.13 4.63 -13.39 |
| CH_MIDHUDSON___DRP 24192 | 122.54 9.58 -7.74 | 102.95 7.71 -9.61 | 96.92 6.88 -10.97 | 98.42 7.33 -4.91 | 100.34 7.22 -7.10 | 106.10 7.48 -13.61 | 115.58 8.30 -19.91 | 153.09 11.71 -16.79 | 143.87 11.56 -5.22 | 115.81 8.36 -20.36 | 96.63 8.01 -3.44 | 90.70 7.72 0.00 | 89.58 7.47 0.00 | 88.57 7.39 0.00 | 93.01 8.07 0.00 | 100.54 6.49 -23.49 | 93.20 6.27 -16.43 | 122.90 6.51 -45.68 | 106.17 6.42 -29.18 | 96.68 6.49 -19.63 | 97.44 6.65 -20.10 | 90.71 6.39 -14.07 | 85.65 6.41 -8.83 | 90.78 5.75 -14.91 |
| CH_MISC_IPPS 23765 | 122.64 9.89 -7.53 | 102.94 7.97 -9.34 | 96.85 7.12 -10.67 | 98.54 7.59 -4.77 | 100.39 7.48 -6.90 | 105.97 7.73 -13.23 | 115.37 8.65 -19.35 | 153.13 12.22 -16.32 | 143.98 11.82 -5.07 | 115.45 8.54 -19.82 | 96.71 8.18 -3.35 | 90.95 7.97 0.00 | 89.82 7.72 0.00 | 88.73 7.55 0.00 | 93.18 8.24 0.00 | 100.06 6.63 -22.87 | 92.99 6.41 -16.08 | 122.86 6.72 -45.42 | 105.83 6.71 -28.56 | 96.47 6.71 -19.21 | 97.24 6.86 -19.68 | 90.55 6.53 -13.77 | 85.67 6.62 -8.64 | 90.61 5.89 -14.60 |
| CH_RES_BVR_FALLS 23983 | 103.44 -1.79 0.00 | 84.35 -1.28 0.00 | 78.04 -1.03 0.00 | 85.15 -1.03 0.00 | 84.98 -1.03 0.00 | 83.56 -1.45 0.00 | 85.53 -1.84 0.00 | 122.22 -2.37 0.00 | 124.67 -2.42 0.00 | 85.35 -1.74 0.00 | 83.73 -1.45 0.00 | 81.40 -1.58 0.00 | 80.46 -1.64 0.00 | 79.56 -1.62 0.00 | 83.07 -1.87 0.00 | 69.29 -1.27 0.00 | 69.23 -1.27 0.00 | 69.16 -1.56 0.00 | 68.87 -1.69 0.00 | 68.72 -1.83 0.00 | 68.51 -2.19 0.00 | 68.36 -1.89 0.00 | 68.30 -2.11 0.00 | 68.22 -1.89 0.00 |
| CH_RES_NIAGARA 23895 | 96.18 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.22 -6.79 0.00 | 79.14 -5.87 0.00 | 79.85 -7.51 0.00 | 110.64 -13.95 0.00 | 112.73 -14.36 0.00 | 78.67 -9.06 -0.63 | 76.25 -9.11 -0.18 | 74.27 -8.71 0.00 | 73.24 -8.87 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.40 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.37 -9.33 -4.98 | 64.56 -10.23 -4.23 | 59.16 -9.74 1.66 | 54.81 -8.48 7.40 | 52.66 -8.99 8.60 | 61.70 -8.10 0.61 | 64.54 -7.78 -2.21 |
| CH_RES_SYRACUSE 23985 | 104.91 -0.31 0.00 | 85.29 -0.34 0.00 | 78.75 -0.32 0.00 | 85.75 -0.43 0.00 | 85.67 -0.34 0.00 | 85.09 0.09 0.00 | 87.72 0.35 0.00 | 124.72 0.12 0.00 | 127.21 0.13 0.00 | 87.71 0.17 -0.45 | 85.27 0.00 -0.09 | 82.98 0.00 0.00 | 82.11 0.00 0.00 | 81.18 0.00 0.00 | 84.94 0.00 0.00 | 71.02 -0.07 -0.53 | 70.29 -0.21 0.00 | 73.10 -0.07 -2.45 | 70.42 -0.14 0.00 | 70.49 -0.14 -0.07 | 71.13 -0.07 -0.50 | 69.76 -0.49 0.00 | 69.99 -0.42 0.00 | 69.88 -0.49 -0.25 |
| CLINTON_WT_PWR 323605 | 104.49 -0.73 0.00 | 85.21 -0.43 0.00 | 78.91 -0.16 0.00 | 85.92 -0.26 0.00 | 85.58 -0.43 0.00 | 83.99 -1.02 0.00 | 85.45 -1.92 0.00 | 121.48 -3.11 0.00 | 123.91 -3.17 0.00 | 85.17 -1.92 0.00 | 83.73 -1.45 0.00 | 81.24 -1.75 0.00 | 80.38 -1.73 0.00 | 79.56 -1.62 0.00 | 82.99 -1.95 0.00 | 69.57 -0.99 0.00 | 69.65 -0.84 0.00 | 69.45 -1.27 0.00 | 69.22 -1.34 0.00 | 69.14 -1.41 0.00 | 68.93 -1.76 0.00 | 69.06 -1.19 0.00 | 68.86 -1.55 0.00 | 69.20 -0.91 0.00 |
| CLINTON___LFGE 323618 | 105.97 0.74 0.00 | 86.40 0.77 0.00 | 80.09 1.03 0.00 | 87.13 0.95 0.00 | 86.78 0.77 0.00 | 85.26 0.26 0.00 | 86.49 -0.87 0.00 | 122.47 -2.12 0.00 | 125.05 -2.04 0.00 | 86.13 -0.96 0.00 | 84.76 -0.42 0.00 | 82.24 -0.75 0.00 | 81.45 -0.66 0.00 | 80.53 -0.65 0.00 | 84.01 -0.93 0.00 | 70.49 -0.07 0.00 | 70.64 0.14 0.00 | 70.44 -0.28 0.00 | 70.21 -0.35 0.00 | 70.20 -0.35 0.00 | 70.06 -0.64 0.00 | 70.04 -0.21 0.00 | 69.77 -0.63 0.00 | 70.25 0.14 0.00 |
| COBBLENY_34_KV_TB1 80064 | 100.02 -6.31 -1.11 | 82.30 -4.71 -1.37 | 76.29 -4.35 -1.57 | 81.80 -5.08 -0.70 | 82.12 -4.90 -1.01 | 83.21 -3.74 -1.94 | 85.67 -4.54 -2.84 | 117.52 -9.47 -2.40 | 118.17 -9.66 -0.75 | 82.63 -5.92 -1.46 | 79.25 -6.13 -0.20 | 77.09 -5.89 0.00 | 75.95 -6.16 0.00 | 75.01 -6.17 0.00 | 78.23 -6.71 0.00 | 66.72 -5.50 -1.66 | 66.18 -7.05 -2.74 | 69.13 -7.00 -5.41 | 69.24 -6.14 -4.81 | 63.33 -5.71 1.51 | 58.20 -4.95 7.54 | 55.36 -6.04 8.85 | 64.59 -5.28 0.54 | 65.89 -6.73 -2.51 |
| COFFEEN___115KV_TB3 355620 | 109.22 4.00 0.00 | 88.72 3.08 0.00 | 81.99 2.93 0.00 | 89.80 3.62 0.00 | 90.14 4.13 0.00 | 89.85 4.85 0.00 | 92.78 5.42 0.00 | 134.06 9.47 0.00 | 136.36 9.28 0.00 | 92.49 5.40 0.00 | 89.44 4.26 0.00 | 86.80 3.82 0.00 | 85.47 3.37 0.00 | 84.67 3.49 0.00 | 88.68 3.74 0.00 | 74.51 3.95 0.00 | 74.59 4.09 0.00 | 75.48 3.82 -0.95 | 75.08 4.52 0.00 | 72.42 1.83 -0.03 | 72.73 1.84 -0.19 | 71.87 1.62 0.00 | 72.03 1.62 0.00 | 71.35 1.12 -0.12 |
| COLDSPRG_115KV_BK1 355956 | 102.81 -3.58 -1.17 | 84.34 -2.74 -1.45 | 78.19 -2.53 -1.65 | 83.82 -3.10 -0.74 | 84.33 -2.75 -1.07 | 85.61 -1.45 -2.05 | 88.62 -1.75 -3.00 | 122.01 -5.11 -2.53 | 123.05 -4.83 -0.79 | 86.02 -2.61 -1.54 | 82.50 -2.90 -0.21 | 80.08 -2.90 0.00 | 78.82 -3.28 0.00 | 77.77 -3.41 0.00 | 81.04 -3.91 0.00 | 69.13 -3.18 -1.75 | 68.52 -4.86 -2.89 | 71.04 -5.16 -5.49 | 72.64 -3.03 -5.11 | 68.62 -2.68 -0.75 | 65.88 -2.19 2.62 | 62.88 -3.37 4.00 | 68.12 -2.68 -0.39 | 67.01 -5.75 -2.65 |
| COLONIE_LFGE___ 323577 | 151.18 6.84 -39.11 | 139.81 5.65 -48.52 | 139.63 5.14 -55.42 | 116.58 5.60 -24.80 | 127.39 5.51 -35.87 | 159.35 5.61 -68.73 | 193.88 5.94 -100.57 | 217.48 8.09 -84.80 | 161.60 8.14 -26.37 | 122.45 5.93 -29.44 | 92.72 5.80 -1.75 | 88.63 5.65 0.00 | 87.61 5.50 0.00 | 86.62 5.44 0.00 | 90.80 5.86 0.00 | 107.73 4.73 -32.44 | 128.24 4.80 -52.94 | 181.74 4.88 -106.15 | 169.46 4.87 -94.04 | 137.45 4.94 -61.96 | 131.56 4.95 -55.92 | 120.43 4.84 -45.33 | 103.80 4.93 -28.46 | 118.39 4.63 -43.65 |
| COOPERNY_115KV_TB1 80082 | 115.76 5.37 -5.17 | 96.33 4.28 -6.42 | 90.19 3.80 -7.33 | 93.51 4.05 -3.28 | 94.71 3.96 -4.74 | 98.26 4.17 -9.09 | 105.39 4.72 -13.30 | 142.53 6.73 -11.22 | 137.31 6.74 -3.49 | 104.82 4.96 -12.77 | 92.01 4.69 -2.14 | 87.63 4.65 0.00 | 86.62 4.52 0.00 | 85.64 4.46 0.00 | 89.78 4.84 0.00 | 89.09 3.81 -14.72 | 86.13 3.81 -11.83 | 108.20 3.96 -33.52 | 95.52 3.95 -21.01 | 88.65 3.95 -14.15 | 89.32 4.03 -14.59 | 84.24 3.86 -10.13 | 80.64 3.87 -6.36 | 84.27 3.37 -10.80 |
| COPENHAGEN_WT_PWR 323753 | 106.90 1.68 0.00 | 86.83 1.20 0.00 | 80.26 1.19 0.00 | 87.82 1.63 0.00 | 87.99 1.98 0.00 | 87.47 2.47 0.00 | 90.16 2.80 0.00 | 129.94 5.35 0.00 | 132.30 5.21 0.00 | 90.05 2.96 0.00 | 87.39 2.21 0.00 | 84.81 1.82 0.00 | 83.66 1.56 0.00 | 82.80 1.62 0.00 | 86.73 1.79 0.00 | 72.54 1.97 0.00 | 72.47 1.97 0.00 | 73.59 1.84 -1.04 | 72.82 2.26 0.00 | 71.58 0.99 -0.04 | 71.93 0.99 -0.24 | 71.03 0.77 0.00 | 71.26 0.85 0.00 | 70.66 0.42 -0.12 |
| CORNELL_____ 23752 | 109.45 2.63 -1.60 | 89.58 1.97 -1.98 | 83.07 1.74 -2.26 | 89.09 1.90 -1.01 | 89.54 2.06 -1.46 | 90.53 2.72 -2.80 | 94.62 3.15 -4.10 | 132.16 4.11 -3.46 | 132.23 4.07 -1.08 | 91.82 2.70 -2.03 | 87.76 2.30 -0.28 | 85.14 2.16 0.00 | 84.16 2.05 0.00 | 83.21 2.03 0.00 | 87.15 2.21 0.00 | 74.76 1.91 -2.30 | 76.17 1.83 -3.84 | 94.61 1.98 -21.91 | 79.51 2.12 -6.83 | 79.29 2.05 -6.69 | 82.27 2.05 -9.52 | 79.83 1.55 -8.03 | 74.87 1.55 -2.91 | 74.58 0.98 -3.48 |

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| CORONA__69_KV_TB1 355595 | 123.77 11.26 -7.29 | 105.63 9.93 -10.06 | 102.67 8.93 -14.67 | 102.05 9.48 -6.39 | 107.24 9.38 -11.85 | 113.18 9.61 -18.57 | 139.32 10.48 -41.47 | 158.02 15.08 -18.36 | 147.27 15.25 -4.93 | 118.51 11.15 -20.27 | 99.18 10.48 -3.52 | 92.78 9.79 0.00 | 91.19 9.03 -0.05 | 90.35 9.17 0.00 | 94.88 9.94 0.00 | 142.46 8.61 -63.29 | 140.82 8.60 -61.72 | 151.01 8.77 -71.52 | 137.60 8.75 -58.29 | 134.19 8.89 -54.75 | 133.79 8.98 -54.11 | 130.42 8.71 -51.46 | 101.59 8.94 -22.24 | 92.37 7.64 -14.61 |
| CORTLAND__115KV_TB3 80093 | 108.11 1.68 -1.20 | 88.32 1.20 -1.49 | 81.88 1.11 -1.70 | 88.06 1.12 -0.76 | 88.40 1.29 -1.10 | 88.90 1.79 -2.11 | 92.64 2.18 -3.09 | 129.81 2.62 -2.60 | 130.57 2.67 -0.81 | 90.50 1.83 -1.58 | 86.93 1.53 -0.22 | 84.48 1.49 0.00 | 83.50 1.40 0.00 | 82.56 1.38 0.00 | 86.47 1.53 0.00 | 73.55 1.20 -1.79 | 74.51 1.06 -2.96 | 83.41 1.13 -11.56 | 77.09 1.27 -5.25 | 75.37 1.27 -3.55 | 75.72 1.34 -3.68 | 73.70 0.91 -2.53 | 72.91 0.92 -1.59 | 73.31 0.49 -2.71 |
| COXSACKIE__GT 23611 | 132.13 9.05 -17.86 | 115.15 7.37 -22.15 | 111.01 6.64 -25.30 | 104.65 7.15 -11.32 | 109.52 7.13 -16.38 | 123.87 7.48 -31.38 | 140.97 7.69 -45.91 | 173.77 10.47 -38.71 | 148.66 9.54 -12.04 | 109.69 6.44 -16.15 | 92.10 5.46 -1.46 | 88.71 5.72 0.00 | 87.94 5.83 0.00 | 86.94 5.76 0.00 | 91.23 6.29 0.00 | 94.35 5.79 -18.00 | 104.47 4.80 -29.18 | 144.81 5.16 -68.93 | 127.48 5.08 -51.83 | 109.82 4.80 -34.47 | 108.75 5.09 -32.96 | 100.15 4.92 -24.99 | 91.09 5.00 -15.69 | 100.43 5.19 -25.12 |
| CPV_VALLEY__CC1 323721 | 117.62 6.31 -6.08 | 98.23 5.05 -7.54 | 92.18 4.50 -8.61 | 94.77 4.74 -3.85 | 96.23 4.64 -5.57 | 100.44 4.76 -10.68 | 108.41 5.42 -15.63 | 145.62 7.85 -13.18 | 138.94 7.75 -4.10 | 108.92 5.75 -16.09 | 93.45 5.53 -2.73 | 88.46 5.48 0.00 | 87.36 5.26 0.00 | 86.38 5.20 0.00 | 90.55 5.60 0.00 | 93.65 4.52 -18.56 | 88.57 4.44 -13.63 | 114.28 4.59 -38.96 | 99.36 4.58 -24.22 | 91.51 4.66 -16.31 | 92.22 4.74 -16.78 | 86.43 4.50 -11.67 | 82.25 4.51 -7.33 | 86.47 3.92 -12.43 |
| CPV_VALLEY__CC2 323722 | 117.62 6.31 -6.08 | 98.23 5.05 -7.54 | 92.18 4.50 -8.61 | 94.77 4.74 -3.85 | 96.23 4.64 -5.57 | 100.44 4.76 -10.68 | 108.41 5.42 -15.63 | 145.62 7.85 -13.18 | 138.94 7.75 -4.10 | 108.92 5.75 -16.09 | 93.45 5.53 -2.73 | 88.46 5.48 0.00 | 87.36 5.26 0.00 | 86.38 5.20 0.00 | 90.55 5.60 0.00 | 93.65 4.52 -18.56 | 88.57 4.44 -13.63 | 114.28 4.59 -38.96 | 99.36 4.58 -24.22 | 91.51 4.66 -16.31 | 92.22 4.74 -16.78 | 86.43 4.50 -11.67 | 82.25 4.51 -7.33 | 86.47 3.92 -12.43 |
| CRESCENT__HYD 24018 | 151.18 6.84 -39.11 | 139.81 5.65 -48.52 | 139.63 5.14 -55.42 | 116.58 5.60 -24.80 | 127.39 5.51 -35.87 | 159.35 5.61 -68.73 | 193.88 5.94 -100.57 | 217.48 8.09 -84.80 | 161.60 8.14 -26.37 | 122.45 5.93 -29.44 | 92.72 5.80 -1.75 | 88.63 5.65 0.00 | 87.61 5.50 0.00 | 86.62 5.44 0.00 | 90.80 5.86 0.00 | 107.73 4.73 -32.44 | 128.24 4.80 -52.94 | 181.74 4.88 -106.15 | 169.46 4.87 -94.04 | 137.45 4.94 -61.96 | 131.56 4.95 -55.92 | 120.43 4.84 -45.33 | 103.80 4.93 -28.46 | 118.39 4.63 -43.65 |
| CRICKET__VALLEY_CC1 323756 | 122.46 8.63 -8.60 | 103.33 7.02 -10.67 | 97.66 6.40 -12.19 | 98.44 6.81 -5.45 | 100.61 6.71 -7.89 | 106.93 6.80 -15.12 | 116.91 7.42 -22.12 | 153.71 10.47 -18.65 | 143.18 10.29 -5.80 | 116.56 7.57 -21.89 | 96.25 7.41 -3.66 | 90.20 7.22 0.00 | 89.00 6.90 0.00 | 88.00 6.82 0.00 | 92.42 7.48 0.00 | 101.80 5.99 -25.25 | 94.59 6.06 -18.03 | 126.28 6.22 -49.33 | 108.80 6.21 -32.02 | 98.33 6.28 -21.50 | 98.88 6.43 -21.74 | 91.94 6.25 -15.44 | 86.44 6.34 -9.69 | 92.00 5.68 -16.21 |
| CRICKET__VALLEY_CC2 323757 | 122.46 8.63 -8.60 | 103.33 7.02 -10.67 | 97.66 6.40 -12.19 | 98.44 6.81 -5.45 | 100.61 6.71 -7.89 | 106.93 6.80 -15.12 | 116.91 7.42 -22.12 | 153.71 10.47 -18.65 | 143.18 10.29 -5.80 | 116.56 7.57 -21.89 | 96.25 7.41 -3.66 | 90.20 7.22 0.00 | 89.00 6.90 0.00 | 88.00 6.82 0.00 | 92.42 7.48 0.00 | 101.80 5.99 -25.25 | 94.59 6.06 -18.03 | 126.28 6.22 -49.33 | 108.80 6.21 -32.02 | 98.33 6.28 -21.50 | 98.88 6.43 -21.74 | 91.94 6.25 -15.44 | 86.44 6.34 -9.69 | 92.00 5.68 -16.21 |
| CRICKET__VALLEY_CC3 323758 | 122.46 8.63 -8.60 | 103.33 7.02 -10.67 | 97.66 6.40 -12.19 | 98.44 6.81 -5.45 | 100.61 6.71 -7.89 | 106.93 6.80 -15.12 | 116.91 7.42 -22.12 | 153.71 10.47 -18.65 | 143.18 10.29 -5.80 | 116.56 7.57 -21.89 | 96.25 7.41 -3.66 | 90.20 7.22 0.00 | 89.00 6.90 0.00 | 88.00 6.82 0.00 | 92.42 7.48 0.00 | 101.80 5.99 -25.25 | 94.59 6.06 -18.03 | 126.28 6.22 -49.33 | 108.80 6.21 -32.02 | 98.33 6.28 -21.50 | 98.88 6.43 -21.74 | 91.94 6.25 -15.44 | 86.44 6.34 -9.69 | 92.00 5.68 -16.21 |
| CRUCIBLE__METL_DRP 24180 | 104.91 -0.32 0.00 | 85.29 -0.34 0.00 | 78.75 -0.32 0.00 | 85.75 -0.43 0.00 | 85.67 -0.34 0.00 | 85.09 0.09 0.00 | 87.72 0.35 0.00 | 124.72 0.12 0.00 | 127.21 0.13 0.00 | 87.71 0.17 -0.45 | 85.27 0.00 -0.09 | 82.98 0.00 0.00 | 82.11 0.00 0.00 | 81.18 0.00 0.00 | 84.94 0.00 0.00 | 71.02 -0.07 -0.53 | 70.29 -0.21 0.00 | 73.09 -0.07 -2.44 | 70.35 -0.21 0.00 | 70.49 -0.14 -0.07 | 71.13 -0.07 -0.50 | 69.76 -0.49 0.00 | 69.98 -0.42 0.00 | 69.87 -0.49 -0.25 |
| DAHOWA__HYDRO 323763 | 156.98 6.53 -45.23 | 146.87 5.14 -56.10 | 147.89 4.74 -64.08 | 119.94 5.08 -28.67 | 132.56 5.07 -41.47 | 169.66 5.19 -79.47 | 209.41 5.76 -116.28 | 230.73 8.09 -98.04 | 165.83 8.26 -30.49 | 126.04 6.35 -32.59 | 92.92 6.05 -1.69 | 88.88 5.89 0.00 | 87.94 5.83 0.00 | 86.94 5.76 0.00 | 91.14 6.20 0.00 | 111.67 5.29 -35.81 | 134.94 4.72 -59.72 | 192.48 4.88 -116.89 | 181.57 4.94 -106.07 | 145.22 4.86 -69.80 | 138.06 4.87 -62.49 | 126.02 4.64 -51.13 | 107.08 4.57 -32.10 | 123.20 4.14 -48.95 |
| DANC__LFGE 323619 | 104.70 -0.52 0.00 | 85.12 -0.51 0.00 | 78.60 -0.47 0.00 | 85.92 -0.26 0.00 | 85.92 -0.09 0.00 | 85.26 0.26 0.00 | 87.81 0.44 0.00 | 125.96 1.37 0.00 | 128.36 1.27 0.00 | 87.70 0.61 0.00 | 85.35 0.17 0.00 | 82.98 0.00 0.00 | 82.02 -0.08 0.00 | 81.10 -0.08 0.00 | 84.94 0.00 0.00 | 70.78 0.21 0.00 | 70.64 0.14 0.00 | 72.21 0.14 -1.35 | 70.85 0.28 0.00 | 70.45 -0.14 -0.04 | 70.84 -0.14 -0.28 | 69.97 -0.28 0.00 | 70.20 -0.21 0.00 | 69.84 -0.42 -0.14 |
| DANSKAMMER__1 23586 | 122.64 9.89 -7.53 | 102.94 7.97 -9.34 | 96.85 7.12 -10.67 | 98.54 7.59 -4.77 | 100.39 7.48 -6.90 | 105.97 7.73 -13.23 | 115.37 8.65 -19.35 | 153.13 12.22 -16.32 | 143.98 11.82 -5.07 | 115.45 8.54 -19.82 | 96.71 8.18 -3.35 | 90.95 7.97 0.00 | 89.82 7.72 0.00 | 88.73 7.55 0.00 | 93.18 8.24 0.00 | 100.06 6.63 -22.87 | 92.99 6.41 -16.08 | 122.86 6.72 -45.42 | 105.83 6.71 -28.56 | 96.47 6.71 -19.21 | 97.24 6.86 -19.68 | 90.55 6.53 -13.77 | 85.67 6.62 -8.64 | 90.61 5.89 -14.60 |
| DANSKAMMER__2 23589 | 122.64 9.89 -7.53 | 102.94 7.97 -9.34 | 96.85 7.12 -10.67 | 98.54 7.59 -4.77 | 100.39 7.48 -6.90 | 105.97 7.73 -13.23 | 115.37 8.65 -19.35 | 153.13 12.22 -16.32 | 143.98 11.82 -5.07 | 115.45 8.54 -19.82 | 96.71 8.18 -3.35 | 90.95 7.97 0.00 | 89.82 7.72 0.00 | 88.73 7.55 0.00 | 93.18 8.24 0.00 | 100.06 6.63 -22.87 | 92.99 6.41 -16.08 | 122.86 6.72 -45.42 | 105.83 6.71 -28.56 | 96.47 6.71 -19.21 | 97.24 6.86 -19.68 | 90.55 6.53 -13.77 | 85.67 6.62 -8.64 | 90.61 5.89 -14.60 |
| DANSKAMMER__3 23590 | 122.64 9.89 -7.53 | 102.94 7.97 -9.34 | 96.85 7.12 -10.67 | 98.54 7.59 -4.77 | 100.39 7.48 -6.90 | 105.97 7.73 -13.23 | 115.37 8.65 -19.35 | 153.13 12.22 -16.32 | 143.98 11.82 -5.07 | 115.45 8.54 -19.82 | 96.71 8.18 -3.35 | 90.95 7.97 0.00 | 89.82 7.72 0.00 | 88.73 7.55 0.00 | 93.18 8.24 0.00 | 100.06 6.63 -22.87 | 92.99 6.41 -16.08 | 122.86 6.72 -45.42 | 105.83 6.71 -28.56 | 96.47 6.71 -19.21 | 97.24 6.86 -19.68 | 90.55 6.53 -13.77 | 85.67 6.62 -8.64 | 90.61 5.89 -14.60 |

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| DANSKAMMER___4 23591 | 122.64 9.89 -7.53 | 102.94 7.97 -9.34 | 96.85 7.12 -10.67 | 98.54 7.59 -4.77 | 100.39 7.48 -6.90 | 105.97 7.73 -13.23 | 115.37 8.65 -19.35 | 153.13 12.22 -16.32 | 143.98 11.82 -5.07 | 115.45 8.54 -19.82 | 96.71 8.18 -3.35 | 90.95 7.97 0.00 | 89.82 7.72 0.00 | 88.73 7.55 0.00 | 93.18 8.24 0.00 | 100.06 6.63 -22.87 | 92.99 6.41 -16.08 | 122.86 6.72 -45.42 | 105.83 6.71 -28.56 | 96.47 6.71 -19.21 | 97.24 6.86 -19.68 | 90.55 6.53 -13.77 | 85.67 6.62 -8.64 | 90.61 5.89 -14.60 |
| DANSKAMMER___DIESEL 23592 | 122.64 9.89 -7.53 | 102.85 7.88 -9.34 | 96.85 7.12 -10.67 | 98.54 7.58 -4.77 | 100.40 7.48 -6.90 | 105.97 7.74 -13.23 | 115.37 8.65 -19.35 | 153.12 12.21 -16.32 | 144.11 11.95 -5.07 | 115.44 8.53 -19.82 | 96.71 8.18 -3.35 | 90.87 7.88 0.00 | 89.82 7.72 0.00 | 88.73 7.55 0.00 | 93.18 8.24 0.00 | 100.06 6.63 -22.87 | 92.99 6.42 -16.08 | 122.21 6.72 -44.78 | 105.75 6.63 -28.56 | 96.40 6.63 -19.21 | 97.24 6.86 -19.68 | 90.55 6.53 -13.77 | 85.67 6.62 -8.64 | 90.60 5.89 -14.60 |
| DARBY___SOLAR 323810 | 156.23 6.53 -44.48 | 145.95 5.14 -55.17 | 146.83 4.74 -63.02 | 119.47 5.08 -28.20 | 131.79 4.99 -40.79 | 168.35 5.19 -78.16 | 207.40 5.68 -114.36 | 229.00 7.98 -96.42 | 165.08 8.01 -29.99 | 125.41 6.09 -32.23 | 92.68 5.80 -1.70 | 88.63 5.65 0.00 | 87.69 5.59 0.00 | 86.70 5.52 0.00 | 90.97 6.03 0.00 | 111.07 5.08 -35.43 | 134.04 4.65 -58.89 | 191.09 4.81 -115.56 | 180.02 4.87 -104.59 | 144.19 4.80 -68.84 | 137.19 4.81 -61.68 | 125.24 4.56 -50.42 | 106.57 4.51 -31.66 | 122.55 4.14 -48.30 |
| DASHVILLE___HYD 23610 | 125.37 10.31 -9.83 | 106.05 8.22 -12.19 | 100.35 7.35 -13.93 | 100.26 7.84 -6.23 | 102.77 7.74 -9.01 | 110.44 8.16 -17.27 | 121.81 9.17 -25.27 | 158.98 13.08 -21.31 | 146.17 12.45 -6.63 | 114.35 8.97 -18.29 | 96.23 8.26 -2.78 | 91.28 8.30 0.00 | 90.23 8.13 0.00 | 89.14 7.96 0.00 | 93.61 8.66 0.00 | 98.99 7.48 -20.94 | 93.77 4.86 -18.41 | 124.82 5.23 -48.87 | 108.34 5.08 -32.70 | 97.56 5.08 -21.93 | 97.99 5.23 -22.06 | 91.00 4.99 -15.76 | 85.30 5.00 -9.90 | 90.87 4.28 -16.48 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 126.93 14.42 -7.29 | 109.47 13.44 -10.39 | 107.24 12.18 -16.00 | 106.13 13.01 -6.94 | 112.35 12.90 -13.44 | 118.78 13.43 -20.34 | 150.54 14.77 -48.41 | 165.42 21.68 -19.15 | 152.50 20.46 -4.95 | 122.00 14.63 -20.28 | 101.34 12.69 -3.46 | 95.43 12.45 0.00 | 92.53 10.43 0.00 | 92.63 11.45 0.00 | 97.60 12.66 0.00 | 112.78 11.29 -30.92 | 123.92 11.35 -42.07 | 141.41 12.38 -58.32 | 140.34 12.63 -57.14 | 131.08 12.63 -47.90 | 128.77 12.65 -45.41 | 120.63 11.80 -38.57 | 108.99 12.18 -26.40 | 95.25 10.52 -14.62 |
| DELAWARE___LFGE 323621 | 116.42 4.42 -6.77 | 97.46 3.43 -8.40 | 91.75 3.08 -9.59 | 93.75 3.27 -4.29 | 95.58 3.35 -6.21 | 100.73 3.83 -11.90 | 109.15 4.37 -17.41 | 145.25 5.98 -14.68 | 137.63 5.97 -4.57 | 97.81 4.18 -6.53 | 89.77 3.92 -0.66 | 86.88 3.90 0.00 | 85.96 3.86 0.00 | 85.00 3.82 0.00 | 89.02 4.08 0.00 | 81.04 3.18 -7.31 | 86.17 3.24 -12.43 | 102.10 3.32 -28.06 | 96.16 3.53 -22.07 | 88.66 3.46 -14.65 | 87.96 3.46 -13.80 | 84.05 3.16 -10.64 | 80.33 3.24 -6.68 | 83.35 2.66 -10.57 |
| DERFIELD_115KV_TB7 355931 | 106.28 1.05 0.00 | 86.41 0.77 0.00 | 79.78 0.71 0.00 | 86.96 0.78 0.00 | 86.78 0.77 0.00 | 85.94 0.94 0.00 | 88.42 1.05 0.00 | 125.96 1.37 0.00 | 128.49 1.40 0.00 | 88.14 1.05 0.00 | 86.12 0.94 0.00 | 83.98 1.00 0.00 | 83.09 0.99 0.00 | 82.15 0.97 0.00 | 85.96 1.02 0.00 | 71.27 0.71 0.00 | 71.20 0.70 0.00 | 71.43 0.71 0.00 | 71.27 0.71 0.00 | 71.26 0.71 0.00 | 71.40 0.71 0.00 | 70.81 0.56 0.00 | 71.11 0.70 0.00 | 70.67 0.56 0.00 |
| DOGLEVILLE___HYD 23807 | 111.22 5.99 0.00 | 90.51 4.88 0.00 | 83.49 4.43 0.00 | 90.92 4.74 0.00 | 90.82 4.81 0.00 | 90.02 5.01 0.00 | 92.70 5.33 0.00 | 131.94 7.35 0.00 | 134.58 7.50 0.00 | 92.23 5.14 0.00 | 90.04 4.85 0.00 | 87.80 4.81 0.00 | 86.78 4.68 0.00 | 85.80 4.62 0.00 | 89.87 4.92 0.00 | 74.44 3.88 0.00 | 74.37 3.87 0.00 | 74.61 3.89 0.00 | 74.44 3.88 0.00 | 74.29 3.74 0.00 | 74.44 3.74 0.00 | 73.76 3.51 0.00 | 73.86 3.45 0.00 | 73.27 3.16 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 100.52 -5.79 -1.08 | 82.61 -4.37 -1.34 | 76.57 -4.03 -1.53 | 82.13 -4.74 -0.69 | 82.62 -4.39 -0.99 | 83.85 -3.06 -1.90 | 86.39 -3.76 -2.78 | 118.84 -8.10 -2.34 | 119.56 -8.26 -0.73 | 83.64 -4.88 -1.43 | 80.27 -5.11 -0.20 | 77.92 -5.06 0.00 | 76.77 -5.34 0.00 | 75.66 -5.52 0.00 | 78.83 -6.12 0.00 | 67.17 -5.01 -1.62 | 66.40 -6.77 -2.67 | 69.28 -6.72 -5.28 | 68.90 -6.35 -4.69 | 62.13 -6.00 2.42 | 55.78 -5.37 9.55 | 52.90 -6.46 10.89 | 63.78 -5.70 0.92 | 65.97 -6.59 -2.45 |
| DUNKIRK___1 23563 | 100.52 -5.79 -1.08 | 82.61 -4.37 -1.34 | 76.57 -4.03 -1.53 | 82.13 -4.74 -0.69 | 82.62 -4.39 -0.99 | 83.85 -3.06 -1.90 | 86.39 -3.76 -2.78 | 118.84 -8.10 -2.34 | 119.56 -8.26 -0.73 | 83.64 -4.88 -1.43 | 80.27 -5.11 -0.20 | 77.92 -5.06 0.00 | 76.77 -5.34 0.00 | 75.66 -5.52 0.00 | 78.83 -6.12 0.00 | 67.17 -5.01 -1.62 | 66.40 -6.77 -2.67 | 69.28 -6.72 -5.28 | 68.90 -6.35 -4.69 | 62.13 -6.00 2.42 | 55.78 -5.37 9.55 | 52.90 -6.46 10.89 | 63.78 -5.70 0.92 | 65.97 -6.59 -2.45 |
| DUNKIRK___2 23564 | 100.52 -5.79 -1.08 | 82.61 -4.37 -1.34 | 76.57 -4.03 -1.53 | 82.13 -4.74 -0.69 | 82.62 -4.39 -0.99 | 83.85 -3.06 -1.90 | 86.39 -3.76 -2.78 | 118.84 -8.10 -2.34 | 119.56 -8.26 -0.73 | 83.64 -4.88 -1.43 | 80.27 -5.11 -0.20 | 77.92 -5.06 0.00 | 76.77 -5.34 0.00 | 75.66 -5.52 0.00 | 78.83 -6.12 0.00 | 67.17 -5.01 -1.62 | 66.40 -6.77 -2.67 | 69.28 -6.72 -5.28 | 68.90 -6.35 -4.69 | 62.13 -6.00 2.42 | 55.78 -5.37 9.55 | 52.90 -6.46 10.89 | 63.78 -5.70 0.92 | 65.97 -6.59 -2.45 |
| DUNKIRK___3 23565 | 100.19 -6.10 -1.07 | 82.34 -4.62 -1.32 | 76.31 -4.27 -1.51 | 81.86 -5.00 -0.68 | 82.35 -4.64 -0.98 | 83.40 -3.49 -1.88 | 85.92 -4.19 -2.74 | 118.06 -8.85 -2.31 | 118.78 -9.02 -0.72 | 83.10 -5.40 -1.41 | 79.76 -5.62 -0.20 | 77.51 -5.48 0.00 | 76.36 -5.75 0.00 | 75.34 -5.84 0.00 | 78.49 -6.46 0.00 | 66.87 -5.29 -1.60 | 66.15 -6.98 -2.64 | 69.02 -6.93 -5.24 | 68.69 -6.49 -4.62 | 61.46 -6.07 3.02 | 54.46 -5.37 10.87 | 51.57 -6.46 12.22 | 63.53 -5.70 1.17 | 65.80 -6.73 -2.42 |
| DUNKIRK___4 23566 | 100.19 -6.10 -1.07 | 82.34 -4.62 -1.32 | 76.31 -4.27 -1.51 | 81.86 -5.00 -0.68 | 82.35 -4.64 -0.98 | 83.40 -3.49 -1.88 | 85.92 -4.19 -2.74 | 118.06 -8.85 -2.31 | 118.78 -9.02 -0.72 | 83.10 -5.40 -1.41 | 79.76 -5.62 -0.20 | 77.51 -5.48 0.00 | 76.36 -5.75 0.00 | 75.34 -5.84 0.00 | 78.49 -6.46 0.00 | 66.87 -5.29 -1.60 | 66.15 -6.98 -2.64 | 69.02 -6.93 -5.24 | 68.69 -6.49 -4.62 | 61.46 -6.07 3.02 | 54.46 -5.37 10.87 | 51.57 -6.46 12.22 | 63.53 -5.70 1.17 | 65.80 -6.73 -2.42 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 122.09 9.58 -7.29 | 102.21 7.54 -9.04 | 96.19 6.80 -10.32 | 97.96 7.15 -4.62 | 99.75 7.05 -6.68 | 104.95 7.14 -12.80 | 114.14 8.04 -18.73 | 152.10 11.71 -15.80 | 143.95 11.95 -4.91 | 116.06 8.71 -20.26 | 97.08 8.43 -3.47 | 91.28 8.30 0.00 | 90.07 7.96 0.00 | 89.05 7.87 0.00 | 93.44 8.49 0.00 | 100.81 6.84 -23.40 | 93.42 6.84 -16.08 | 122.63 7.00 -44.91 | 106.12 6.99 -28.57 | 96.83 7.06 -19.22 | 97.53 7.14 -19.69 | 90.91 6.88 -13.77 | 85.95 6.90 -8.65 | 90.89 6.17 -14.61 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 121.19 8.73 -7.23 | 101.54 6.94 -8.97 | 95.56 6.25 -10.24 | 97.40 6.64 -4.58 | 99.18 6.54 -6.63 | 104.51 6.80 -12.71 | 113.56 7.60 -18.59 | 151.10 10.84 -15.67 | 142.64 10.68 -4.87 | 113.58 7.66 -18.83 | 95.68 7.33 -3.18 | 90.12 7.14 0.00 | 89.00 6.90 0.00 | 88.00 6.82 0.00 | 92.33 7.39 0.00 | 98.28 6.00 -21.72 | 91.70 5.71 -15.50 | 119.91 5.94 -43.25 | 104.01 5.93 -27.52 | 95.00 5.93 -18.52 | 95.78 6.08 -19.00 | 89.35 5.83 -13.27 | 84.58 5.84 -8.33 | 89.39 5.19 -14.09 |

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|--|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 122.82 10.31 -7.29 | 102.30 7.62 -9.04 | 96.27 6.88 -10.32 | 98.04 7.24 -4.62 | 99.57 6.88 -6.68 | 104.78 6.97 -12.80 | 113.97 7.86 -18.74 | 152.10 11.71 -15.80 | 144.07 12.07 -4.91 | 116.50 9.14 -20.26 | 97.50 8.86 -3.46 | 91.77 8.80 0.01 | 90.55 8.46 0.01 | 89.54 8.36 0.00 | 93.86 8.92 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.33 7.20 -28.57 | 97.11 7.34 -19.22 | 97.88 7.49 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.17 6.45 -14.61 |
| E179THST_13_KV_LOAD 356214 | 123.24 10.73 -7.29 | 102.64 7.96 -9.04 | 96.59 7.20 -10.32 | 98.39 7.58 -4.62 | 99.83 7.14 -6.68 | 105.12 7.31 -12.80 | 114.40 8.30 -18.74 | 152.72 12.33 -15.80 | 144.71 12.71 -4.91 | 116.94 9.58 -20.26 | 97.93 9.28 -3.46 | 92.19 9.21 0.01 | 90.97 8.87 0.01 | 89.95 8.77 0.00 | 94.29 9.34 0.00 | 101.45 7.48 -23.40 | 94.05 7.47 -16.08 | 123.19 7.57 -44.91 | 106.68 7.55 -28.57 | 97.47 7.69 -19.22 | 98.24 7.85 -19.69 | 91.60 7.59 -13.76 | 86.72 7.67 -8.64 | 91.52 6.80 -14.61 |
| EAST HAMPTON___GT 23717 | 126.82 14.31 -7.29 | 109.98 13.96 -10.39 | 107.88 12.81 -16.00 | 106.73 13.61 -6.94 | 113.04 13.58 -13.44 | 119.54 14.20 -20.34 | 151.25 15.47 -48.41 | 166.54 22.80 -19.15 | 152.62 20.59 -4.95 | 122.52 15.15 -20.28 | 101.68 13.03 -3.46 | 96.09 13.11 0.00 | 93.11 11.01 0.00 | 93.12 11.94 0.00 | 98.11 13.17 0.00 | 113.13 11.64 -30.93 | 124.27 11.71 -42.07 | 142.44 12.87 -58.85 | 141.19 13.48 -57.14 | 131.93 13.48 -47.90 | 129.62 13.51 -45.41 | 121.19 12.37 -38.57 | 109.62 12.82 -26.40 | 95.81 11.07 -14.62 |
| EAST RIVER___6 23660 | 122.93 10.42 -7.29 | 102.64 7.97 -9.04 | 96.51 7.12 -10.32 | 98.30 7.49 -4.62 | 100.00 7.31 -6.68 | 105.29 7.48 -12.80 | 114.57 8.47 -18.73 | 152.97 12.58 -15.80 | 144.83 12.83 -4.91 | 116.93 9.58 -20.26 | 97.85 9.20 -3.47 | 92.19 9.21 0.00 | 90.98 8.87 0.00 | 89.95 8.77 0.00 | 94.29 9.34 0.00 | 101.52 7.55 -23.40 | 94.05 7.47 -16.08 | 123.79 7.64 -45.43 | 106.75 7.62 -28.57 | 97.47 7.69 -19.22 | 98.09 7.71 -19.69 | 91.47 7.44 -13.77 | 86.51 7.46 -8.65 | 91.31 6.59 -14.61 |
| EAST RIVER___7 23524 | 122.93 10.42 -7.29 | 102.64 7.97 -9.04 | 96.51 7.12 -10.32 | 98.30 7.49 -4.62 | 100.00 7.31 -6.68 | 105.29 7.48 -12.80 | 114.57 8.47 -18.73 | 152.97 12.58 -15.80 | 144.83 12.83 -4.91 | 116.93 9.58 -20.26 | 97.85 9.20 -3.47 | 92.19 9.21 0.00 | 90.98 8.87 0.00 | 89.95 8.77 0.00 | 94.29 9.34 0.00 | 101.52 7.55 -23.40 | 94.05 7.47 -16.08 | 123.79 7.64 -45.43 | 106.75 7.62 -28.57 | 97.47 7.69 -19.22 | 98.09 7.71 -19.69 | 91.47 7.44 -13.77 | 86.51 7.46 -8.65 | 91.31 6.59 -14.61 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 121.75 9.26 -7.27 | 101.93 7.28 -9.02 | 95.93 6.56 -10.30 | 97.77 6.98 -4.61 | 99.47 6.79 -6.67 | 104.75 6.97 -12.77 | 113.83 7.78 -18.69 | 151.69 11.34 -15.76 | 143.43 11.44 -4.90 | 115.74 8.45 -20.21 | 96.82 8.18 -3.46 | 91.03 8.05 0.00 | 89.82 7.72 0.00 | 88.81 7.63 0.00 | 93.10 8.15 0.00 | 100.53 6.63 -23.34 | 93.11 6.56 -16.05 | 122.33 6.79 -44.82 | 105.78 6.70 -28.51 | 96.51 6.77 -19.18 | 97.21 6.86 -19.65 | 90.67 6.67 -13.75 | 85.73 6.69 -8.63 | 90.65 5.96 -14.58 |
| EAST_HAMPTON___DIESEL 23722 | 126.82 14.31 -7.29 | 109.98 13.96 -10.39 | 107.80 12.73 -16.00 | 106.73 13.61 -6.94 | 113.04 13.58 -13.44 | 119.54 14.20 -20.34 | 151.25 15.47 -48.41 | 166.54 22.80 -19.15 | 152.62 20.59 -4.95 | 122.44 15.07 -20.28 | 101.59 12.94 -3.46 | 96.01 13.03 0.00 | 93.11 11.01 0.00 | 93.12 11.94 0.00 | 98.11 13.17 0.00 | 113.13 11.64 -30.93 | 124.20 11.63 -42.07 | 142.37 12.80 -58.85 | 141.12 13.41 -57.14 | 131.86 13.41 -47.90 | 129.62 13.51 -45.41 | 121.19 12.37 -38.57 | 109.62 12.82 -26.40 | 95.81 11.07 -14.62 |
| EAST_POINT___SOLAR 323840 | 158.08 7.90 -44.96 | 147.40 5.99 -55.77 | 148.31 5.53 -63.71 | 120.55 5.86 -28.51 | 133.17 5.93 -41.23 | 170.65 6.63 -79.01 | 210.74 7.77 -115.60 | 233.03 10.97 -97.47 | 167.69 10.29 -30.31 | 123.79 5.23 -31.48 | 90.67 4.00 -1.48 | 85.64 2.65 0.00 | 84.49 2.38 0.00 | 84.19 3.01 0.00 | 88.00 3.05 0.00 | 109.81 4.73 -34.52 | 134.82 5.50 -58.82 | 194.97 5.94 -118.31 | 181.32 6.28 -104.48 | 145.54 6.14 -68.85 | 138.98 6.08 -62.20 | 126.17 5.55 -50.37 | 107.24 5.21 -31.62 | 123.21 4.55 -48.54 |
| EAST_PULASKI___ESR 323781 | 102.81 -2.42 0.00 | 83.58 -2.06 0.00 | 77.17 -1.90 0.00 | 84.11 -2.07 0.00 | 84.04 -1.97 0.00 | 83.31 -1.70 0.00 | 85.80 -1.57 0.00 | 122.35 -2.24 0.00 | 124.80 -2.28 0.00 | 85.53 -1.57 0.00 | 83.56 -1.62 0.00 | 81.32 -1.66 0.00 | 80.46 -1.64 0.00 | 79.56 -1.62 0.00 | 83.24 -1.70 0.00 | 69.29 -1.27 0.00 | 69.16 -1.34 0.00 | 71.11 -1.20 -1.59 | 69.29 -1.27 0.00 | 69.47 -1.13 -0.05 | 69.96 -1.06 -0.32 | 68.99 -1.26 0.00 | 69.28 -1.13 0.00 | 69.01 -1.26 -0.16 |
| EAST_RIVER___1 323558 | 122.71 10.20 -7.29 | 102.55 7.87 -9.04 | 96.43 7.03 -10.32 | 98.21 7.41 -4.62 | 99.92 7.23 -6.68 | 105.12 7.31 -12.80 | 114.41 8.30 -18.73 | 152.60 12.22 -15.80 | 144.46 12.46 -4.91 | 116.58 9.23 -20.26 | 97.59 8.94 -3.47 | 91.95 8.97 0.00 | 90.72 8.62 0.00 | 89.62 8.44 0.00 | 94.04 9.09 0.00 | 101.23 7.27 -23.40 | 93.78 7.19 -16.08 | 123.50 7.35 -45.43 | 106.47 7.34 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.26 7.24 -13.77 | 86.38 7.32 -8.65 | 91.24 6.52 -14.61 |
| EAST_RIVER___2 323559 | 122.93 10.42 -7.29 | 102.64 7.97 -9.04 | 96.51 7.12 -10.32 | 98.30 7.49 -4.62 | 100.00 7.31 -6.68 | 105.29 7.48 -12.80 | 114.57 8.47 -18.73 | 152.97 12.58 -15.80 | 144.83 12.83 -4.91 | 116.93 9.58 -20.26 | 97.85 9.20 -3.47 | 92.19 9.21 0.00 | 90.98 8.87 0.00 | 89.95 8.77 0.00 | 94.29 9.34 0.00 | 101.52 7.55 -23.40 | 94.05 7.47 -16.08 | 123.79 7.64 -45.43 | 106.75 7.62 -28.57 | 97.47 7.69 -19.22 | 98.09 7.71 -19.69 | 91.47 7.44 -13.77 | 86.51 7.46 -8.65 | 91.31 6.59 -14.61 |
| EAST___DELAWARE_HYD 23607 | 121.38 8.94 -7.21 | 101.78 7.19 -8.95 | 95.69 6.40 -10.22 | 97.56 6.81 -4.57 | 99.34 6.71 -6.62 | 105.00 7.31 -12.68 | 114.13 8.21 -18.55 | 151.82 11.59 -15.64 | 142.88 10.93 -4.86 | 111.37 7.67 -16.62 | 94.97 7.07 -2.72 | 89.79 6.81 0.00 | 88.75 6.65 0.00 | 87.68 6.50 0.00 | 91.99 7.05 0.00 | 95.54 5.85 -19.12 | 90.97 5.50 -14.97 | 118.56 5.87 -41.97 | 102.94 5.79 -26.59 | 94.14 5.71 -17.88 | 94.97 6.01 -18.26 | 88.76 5.69 -12.82 | 84.09 5.63 -8.05 | 88.58 4.91 -13.56 |
| EIGHT_POINT___WT_PWR 323820 | 104.78 -1.79 -1.35 | 85.77 -1.54 -1.67 | 79.24 -1.74 -1.91 | 84.89 -2.15 -0.85 | 85.35 -1.89 -1.24 | 86.69 -0.68 -2.37 | 90.31 -0.52 -3.46 | 124.77 -2.74 -2.92 | 125.20 -2.80 -0.91 | 86.94 -1.92 -1.77 | 82.96 -2.47 -0.25 | 80.57 -2.41 0.00 | 79.89 -2.21 0.00 | 78.99 -2.19 0.00 | 82.73 -2.21 0.00 | 70.95 -1.62 -2.01 | 71.36 -2.47 -3.34 | 72.17 -2.54 -3.99 | 74.49 -2.19 -6.11 | 91.76 -2.40 -23.61 | 117.62 -2.12 -49.04 | 114.32 -3.09 -47.16 | 76.95 -3.17 -9.71 | 68.67 -4.49 -3.05 |
| ELBRIDGE_115KV_TB2 80188 | 104.80 -0.42 0.00 | 85.21 -0.43 0.00 | 78.67 -0.40 0.00 | 85.67 -0.52 0.00 | 85.58 -0.43 0.00 | 85.09 0.09 0.00 | 87.63 0.26 0.00 | 124.47 -0.12 0.00 | 126.96 -0.13 0.00 | 87.58 0.00 -0.49 | 85.15 -0.17 -0.14 | 82.82 -0.17 0.00 | 81.94 -0.16 0.00 | 81.02 -0.16 0.00 | 84.69 -0.25 0.00 | 70.85 -0.28 -0.57 | 71.89 -0.42 -1.81 | 75.82 -0.28 -5.38 | 73.43 -0.35 -3.22 | 72.38 -0.35 -2.18 | 72.69 -0.28 -2.28 | 71.10 -0.70 -1.55 | 70.82 -0.56 -0.98 | 71.09 -0.70 -1.67 |
| ELEC_TRO_TEK 24086 | 123.04 10.52 -7.29 | 104.73 9.33 -9.76 | 100.83 8.38 -13.38 | 100.92 8.88 -5.86 | 105.10 8.77 -10.32 | 110.88 9.01 -16.86 | 131.96 9.87 -34.72 | 156.52 14.33 -17.60 | 146.50 14.49 -4.93 | 117.81 10.45 -20.27 | 98.64 9.97 -3.49 | 92.28 9.29 0.00 | 90.58 8.46 -0.02 | 89.87 8.69 0.00 | 94.37 9.43 0.00 | 121.29 8.11 -42.61 | 120.04 8.04 -41.51 | 138.32 8.20 -59.40 | 126.19 8.19 -47.44 | 119.57 8.33 -40.69 | 119.19 8.41 -40.08 | 113.83 8.15 -35.43 | 96.99 8.38 -18.21 | 91.88 7.15 -14.61 |

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| ELLENBURG_WT_PWR 323604 | 104.49 -0.73 0.00 | 85.21 -0.43 0.00 | 78.91 -0.16 0.00 | 85.92 -0.26 0.00 | 85.58 -0.43 0.00 | 83.99 -1.02 0.00 | 85.45 -1.92 0.00 | 121.48 -3.11 0.00 | 123.91 -3.17 0.00 | 85.17 -1.92 0.00 | 83.73 -1.45 0.00 | 81.24 -1.75 0.00 | 80.38 -1.73 0.00 | 79.56 -1.62 0.00 | 82.99 -1.95 0.00 | 69.57 -0.99 0.00 | 69.65 -0.84 0.00 | 69.45 -1.27 0.00 | 69.22 -1.34 0.00 | 69.14 -1.41 0.00 | 68.93 -1.76 0.00 | 69.06 -1.19 0.00 | 68.86 -1.55 0.00 | 69.20 -0.91 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 99.32 -6.94 -1.04 | 81.70 -5.22 -1.28 | 75.71 -4.82 -1.47 | 81.24 -5.60 -0.66 | 81.54 -5.42 -0.95 | 82.49 -4.34 -1.82 | 84.79 -5.24 -2.66 | 116.37 -10.47 -2.24 | 116.98 -10.80 -0.70 | 81.75 -6.71 -1.37 | 78.56 -6.81 -0.19 | 76.43 -6.56 0.00 | 75.29 -6.81 0.00 | 74.36 -6.82 0.00 | 77.55 -7.39 0.00 | 66.05 -6.07 -1.55 | 65.37 -7.68 -2.55 | 68.30 -7.57 -5.14 | 67.56 -7.48 -4.48 | 60.49 -6.98 3.08 | 53.66 -6.15 10.89 | 50.62 -7.24 12.40 | 62.77 -6.41 1.24 | 65.66 -6.80 -2.34 |
| EMPIRE_CC_1 323656 | 131.69 7.47 -18.99 | 115.53 6.34 -23.56 | 111.75 5.77 -26.91 | 104.43 6.21 -12.04 | 109.53 6.11 -17.42 | 124.41 6.04 -33.37 | 142.57 6.37 -48.83 | 174.24 8.48 -41.17 | 148.54 8.65 -12.80 | 116.43 6.35 -22.98 | 94.11 6.22 -2.71 | 88.96 5.98 0.00 | 87.77 5.66 0.00 | 86.78 5.60 0.00 | 91.23 6.29 0.00 | 101.39 4.87 -25.96 | 105.52 4.93 -30.09 | 144.88 4.88 -69.29 | 128.87 4.87 -53.45 | 110.98 4.94 -35.49 | 109.41 5.09 -33.62 | 101.21 5.20 -25.76 | 92.00 5.42 -16.18 | 100.95 5.12 -25.73 |
| EMPIRE_CC_2 323658 | 131.69 7.47 -18.99 | 115.53 6.34 -23.56 | 111.75 5.77 -26.91 | 104.43 6.21 -12.04 | 109.53 6.11 -17.42 | 124.41 6.04 -33.37 | 142.57 6.37 -48.83 | 174.24 8.48 -41.17 | 148.54 8.65 -12.80 | 116.43 6.35 -22.98 | 94.11 6.22 -2.71 | 88.96 5.98 0.00 | 87.77 5.66 0.00 | 86.78 5.60 0.00 | 91.23 6.29 0.00 | 101.39 4.87 -25.96 | 105.52 4.93 -30.09 | 144.88 4.88 -69.29 | 128.87 4.87 -53.45 | 110.98 4.94 -35.49 | 109.41 5.09 -33.62 | 101.21 5.20 -25.76 | 92.00 5.42 -16.18 | 100.95 5.12 -25.73 |
| ENORWICH_115KV_TB1 80156 | 117.81 9.37 -3.22 | 96.99 7.36 -3.99 | 90.19 6.56 -4.56 | 95.46 7.24 -2.04 | 96.62 7.65 -2.95 | 99.85 9.18 -5.66 | 105.69 10.05 -8.28 | 145.65 14.08 -6.98 | 143.11 13.85 -2.17 | 99.84 9.23 -3.52 | 93.78 8.18 -0.42 | 90.70 7.72 0.00 | 89.17 7.06 0.00 | 88.32 7.14 0.00 | 92.59 7.64 0.00 | 81.44 6.92 -3.96 | 84.24 7.05 -6.69 | 98.31 7.07 -20.52 | 90.15 7.69 -11.89 | 86.75 7.20 -9.00 | 87.98 7.07 -10.21 | 84.46 6.11 -8.10 | 80.20 5.77 -4.02 | 80.40 4.42 -5.87 |
| ERIE_ST__34_KV_TB1-2 80199 | 100.10 -6.21 -1.08 | 82.35 -4.62 -1.34 | 76.25 -4.35 -1.53 | 81.78 -5.08 -0.68 | 82.10 -4.90 -0.99 | 83.17 -3.74 -1.90 | 85.69 -4.46 -2.78 | 117.71 -9.22 -2.34 | 118.41 -9.40 -0.73 | 82.77 -5.75 -1.43 | 79.42 -5.96 -0.20 | 77.18 -5.81 0.00 | 76.11 -5.99 0.00 | 75.17 -6.01 0.00 | 78.40 -6.54 0.00 | 66.89 -5.29 -1.62 | 66.33 -6.84 -2.67 | 69.00 -7.07 -5.35 | 70.46 -4.80 -4.69 | 64.25 -4.30 2.00 | 58.54 -3.61 8.56 | 55.76 -4.71 9.78 | 65.73 -3.94 0.73 | 65.48 -7.08 -2.45 |
| ERIE_WT_PWR 323693 | 99.76 -6.52 -1.06 | 82.08 -4.88 -1.32 | 76.07 -4.50 -1.51 | 81.51 -5.34 -0.67 | 81.91 -5.07 -0.97 | 82.97 -3.91 -1.87 | 85.29 -4.81 -2.73 | 117.05 -9.85 -2.30 | 117.89 -9.91 -0.72 | 82.31 -6.18 -1.40 | 78.73 -6.64 -0.20 | 76.43 -6.56 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.96 0.00 | 66.44 -5.71 -1.59 | 65.86 -7.26 -2.62 | 68.77 -7.21 -5.27 | 68.53 -6.64 -4.60 | 61.64 -6.14 2.77 | 55.27 -5.16 10.27 | 52.10 -6.61 11.54 | 63.58 -5.77 1.06 | 65.72 -6.80 -2.41 |
| ESPRGFLD_115KV_TB1 80157 | 142.10 4.52 -32.35 | 129.10 3.34 -40.13 | 127.91 3.00 -45.83 | 109.88 3.19 -20.51 | 119.03 3.35 -29.67 | 145.93 4.08 -56.84 | 175.52 4.98 -83.17 | 201.70 6.98 -70.13 | 155.76 6.86 -21.81 | 114.43 4.09 -23.25 | 89.80 3.41 -1.21 | 86.14 3.15 0.00 | 85.14 3.04 0.00 | 84.35 3.17 0.00 | 88.26 3.31 0.00 | 99.35 3.25 -25.54 | 117.61 3.60 -43.52 | 140.08 3.82 -65.55 | 151.95 4.09 -77.30 | 124.78 3.95 -50.28 | 116.10 3.89 -41.51 | 110.96 3.44 -37.26 | 97.11 3.31 -23.39 | 106.31 2.52 -33.67 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 109.35 2.53 -1.60 | 89.51 1.88 -1.99 | 83.00 1.66 -2.27 | 89.01 1.81 -1.02 | 89.46 1.98 -1.47 | 90.37 2.55 -2.81 | 94.54 3.06 -4.12 | 131.93 3.86 -3.47 | 131.98 3.81 -1.08 | 91.73 2.61 -2.03 | 87.67 2.21 -0.27 | 85.06 2.07 0.00 | 83.99 1.89 0.00 | 83.13 1.95 0.00 | 86.98 2.04 0.00 | 74.62 1.76 -2.30 | 76.03 1.69 -3.84 | 92.25 1.84 -19.69 | 79.37 1.98 -6.83 | 78.88 1.98 -6.35 | 81.40 1.98 -8.73 | 78.90 1.41 -7.25 | 74.59 1.41 -2.77 | 74.51 0.91 -3.48 |
| ETNA____115KV_TB2 80207 | 109.35 2.53 -1.60 | 89.51 1.88 -1.99 | 83.00 1.66 -2.27 | 89.01 1.81 -1.02 | 89.46 1.98 -1.47 | 90.37 2.55 -2.81 | 94.54 3.06 -4.12 | 131.93 3.86 -3.47 | 131.98 3.81 -1.08 | 91.73 2.61 -2.03 | 87.67 2.21 -0.27 | 85.06 2.07 0.00 | 83.99 1.89 0.00 | 83.13 1.95 0.00 | 86.98 2.04 0.00 | 74.62 1.76 -2.30 | 76.03 1.69 -3.84 | 92.25 1.84 -19.69 | 79.37 1.98 -6.83 | 78.88 1.98 -6.35 | 81.40 1.98 -8.73 | 78.90 1.41 -7.25 | 74.59 1.41 -2.77 | 74.51 0.91 -3.48 |
| EUCLID____115KV_TB2 356179 | 103.23 -2.00 0.00 | 84.01 -1.63 0.00 | 77.49 -1.58 0.00 | 84.46 -1.72 0.00 | 84.38 -1.63 0.00 | 83.73 -1.28 0.00 | 86.23 -1.14 0.00 | 122.60 -1.99 0.00 | 125.05 -2.03 0.00 | 85.78 -1.31 0.00 | 83.82 -1.36 0.00 | 81.66 -1.33 0.00 | 80.79 -1.31 0.00 | 79.80 -1.38 0.00 | 83.50 -1.44 0.00 | 69.29 -1.27 0.00 | 69.09 -1.41 0.00 | 71.40 -1.27 -1.95 | 69.08 -1.48 0.00 | 69.20 -1.41 -0.06 | 69.76 -1.34 -0.40 | 68.64 -1.62 0.00 | 68.86 -1.55 0.00 | 68.84 -1.47 -0.20 |
| E_CANADA_CAP_HY 24051 | 152.52 5.47 -41.82 | 141.62 4.11 -51.88 | 142.04 3.72 -59.26 | 116.66 3.97 -26.52 | 128.41 4.04 -38.35 | 163.08 4.59 -73.49 | 200.49 5.60 -107.53 | 223.24 7.98 -90.67 | 162.91 7.62 -28.19 | 120.61 4.09 -29.43 | 89.92 3.32 -1.42 | 85.81 2.82 0.00 | 84.81 2.71 0.00 | 84.10 2.92 0.00 | 88.09 3.14 0.00 | 106.37 3.53 -32.28 | 129.53 4.02 -55.01 | 188.86 4.39 -113.76 | 172.93 4.66 -97.71 | 139.49 4.45 -64.49 | 133.89 4.38 -58.81 | 121.36 4.00 -47.10 | 103.71 3.73 -29.57 | 118.91 3.08 -45.71 |
| E_CANADA_MHWK_HY 24050 | 111.22 5.99 0.00 | 90.51 4.88 0.00 | 83.49 4.43 0.00 | 90.92 4.74 0.00 | 90.82 4.81 0.00 | 90.02 5.01 0.00 | 92.70 5.33 0.00 | 131.94 7.35 0.00 | 134.58 7.50 0.00 | 92.23 5.14 0.00 | 90.04 4.85 0.00 | 87.80 4.81 0.00 | 86.78 4.68 0.00 | 85.80 4.62 0.00 | 89.87 4.92 0.00 | 74.44 3.88 0.00 | 74.37 3.87 0.00 | 74.61 3.89 0.00 | 74.44 3.88 0.00 | 74.29 3.74 0.00 | 74.44 3.74 0.00 | 73.76 3.51 0.00 | 73.86 3.45 0.00 | 73.27 3.16 0.00 |
| E_FISHKILL____LBMP 23776 | 121.20 8.52 -7.45 | 101.73 6.85 -9.24 | 95.79 6.17 -10.55 | 97.45 6.55 -4.72 | 99.29 6.45 -6.83 | 104.64 6.55 -13.09 | 113.77 7.25 -19.15 | 151.20 10.47 -16.15 | 142.66 10.55 -5.02 | 115.58 7.66 -20.82 | 96.25 7.50 -3.57 | 90.29 7.30 0.00 | 89.17 7.06 0.00 | 88.16 6.98 0.00 | 92.50 7.56 0.00 | 100.68 6.07 -24.05 | 92.88 5.99 -16.39 | 122.61 6.15 -45.74 | 105.81 6.14 -29.11 | 96.35 6.21 -19.59 | 97.06 6.29 -20.07 | 90.40 6.11 -14.03 | 85.34 6.13 -8.81 | 90.47 5.47 -14.89 |
| FALCON____SEABRD_CC1 323796 | 105.75 0.53 0.00 | 86.24 0.60 0.00 | 79.86 0.79 0.00 | 86.87 0.69 0.00 | 86.62 0.61 0.00 | 85.01 0.00 0.00 | 85.97 -1.40 0.00 | 121.48 -3.11 0.00 | 123.91 -3.17 0.00 | 85.69 -1.40 0.00 | 84.25 -0.94 0.00 | 81.74 -1.24 0.00 | 80.96 -1.15 0.00 | 80.04 -1.14 0.00 | 83.50 -1.44 0.00 | 70.07 -0.49 0.00 | 70.15 -0.35 0.00 | 69.94 -0.78 0.00 | 69.72 -0.84 0.00 | 69.71 -0.84 0.00 | 69.50 -1.20 0.00 | 69.55 -0.70 0.00 | 69.28 -1.13 0.00 | 70.04 -0.07 0.00 |

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| FALCON___SEABRD_CC2 323797 | 105.75 0.53 0.00 | 86.24 0.60 0.00 | 79.86 0.79 0.00 | 86.87 0.69 0.00 | 86.62 0.61 0.00 | 85.01 0.00 0.00 | 85.97 -1.40 0.00 | 121.48 -3.11 0.00 | 123.91 -3.17 0.00 | 85.69 -1.40 0.00 | 84.25 -0.94 0.00 | 81.74 -1.24 0.00 | 80.96 -1.15 0.00 | 80.04 -1.14 0.00 | 83.50 -1.44 0.00 | 70.07 -0.49 0.00 | 70.15 -0.35 0.00 | 69.94 -0.78 0.00 | 69.72 -0.84 0.00 | 69.71 -0.84 0.00 | 69.50 -1.20 0.00 | 69.55 -0.70 0.00 | 69.28 -1.13 0.00 | 70.04 -0.07 0.00 |
| FAR ROCKAWAY___4 23548 | 125.14 12.63 -7.29 | 106.93 11.22 -10.08 | 103.83 10.04 -14.71 | 103.28 10.69 -6.41 | 108.50 10.58 -11.91 | 114.52 10.88 -18.63 | 140.45 11.36 -41.72 | 159.42 16.45 -18.39 | 148.67 16.65 -4.93 | 119.90 12.54 -20.27 | 100.46 11.76 -3.53 | 93.94 10.95 0.00 | 92.26 10.10 -0.06 | 91.49 10.31 0.00 | 95.99 11.04 0.00 | 145.84 9.74 -65.54 | 143.75 9.66 -63.59 | 153.38 9.97 -72.69 | 139.55 9.95 -59.04 | 136.43 10.02 -55.86 | 136.08 10.11 -55.27 | 132.89 9.76 -52.87 | 102.80 10.00 -22.39 | 93.35 8.62 -14.61 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 122.82 10.31 -7.29 | 102.55 7.88 -9.04 | 96.51 7.12 -10.32 | 98.30 7.50 -4.62 | 100.00 7.31 -6.68 | 105.21 7.40 -12.80 | 114.40 8.30 -18.73 | 152.60 12.21 -15.80 | 144.45 12.45 -4.91 | 116.58 9.23 -20.26 | 97.59 8.94 -3.47 | 91.86 8.88 0.00 | 90.64 8.54 0.00 | 89.62 8.44 0.00 | 94.03 9.09 0.00 | 101.23 7.27 -23.40 | 93.77 7.19 -16.08 | 122.98 7.35 -44.91 | 106.40 7.27 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.33 7.31 -13.77 | 86.45 7.39 -8.65 | 91.24 6.52 -14.61 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 122.82 10.31 -7.29 | 102.55 7.88 -9.04 | 96.51 7.12 -10.32 | 98.30 7.50 -4.62 | 100.00 7.31 -6.68 | 105.21 7.40 -12.80 | 114.40 8.30 -18.73 | 152.60 12.21 -15.80 | 144.45 12.45 -4.91 | 116.58 9.23 -20.26 | 97.59 8.94 -3.47 | 91.86 8.88 0.00 | 90.64 8.54 0.00 | 89.62 8.44 0.00 | 94.03 9.09 0.00 | 101.23 7.27 -23.40 | 93.77 7.19 -16.08 | 122.98 7.35 -44.91 | 106.40 7.27 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.33 7.31 -13.77 | 86.45 7.39 -8.65 | 91.24 6.52 -14.61 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 122.82 10.31 -7.29 | 102.55 7.88 -9.04 | 96.43 7.04 -10.32 | 98.21 7.41 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.31 8.21 -18.73 | 152.60 12.21 -15.80 | 144.45 12.45 -4.91 | 116.50 9.14 -20.26 | 97.51 8.86 -3.47 | 91.78 8.80 0.00 | 90.56 8.46 0.00 | 89.62 8.44 0.00 | 93.95 9.00 0.00 | 101.23 7.27 -23.40 | 93.70 7.12 -16.08 | 122.91 7.28 -44.91 | 106.33 7.20 -28.57 | 97.11 7.34 -19.22 | 97.81 7.42 -19.69 | 91.26 7.24 -13.77 | 86.38 7.32 -8.65 | 91.24 6.52 -14.61 |
| FARRAGUT___LBMP 323566 | 122.72 10.21 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.23 8.13 -18.73 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.47 | 91.70 8.71 0.00 | 90.48 8.37 0.00 | 89.54 8.36 0.00 | 93.86 8.92 0.00 | 101.16 7.20 -23.40 | 93.70 7.12 -16.08 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.17 6.45 -14.61 |
| FENNER___WINDPWR 24204 | 107.75 2.52 0.00 | 87.61 1.97 0.00 | 80.89 1.82 0.00 | 88.17 1.98 0.00 | 88.16 2.15 0.00 | 87.73 2.72 0.00 | 90.42 3.06 0.00 | 128.95 4.36 0.00 | 131.41 4.32 0.00 | 90.46 2.87 -0.50 | 87.71 2.38 -0.14 | 85.39 2.41 0.00 | 84.40 2.30 0.00 | 83.45 2.27 0.00 | 87.32 2.38 0.00 | 73.20 2.05 -0.59 | 74.27 1.90 -1.87 | 79.90 1.91 -7.27 | 75.86 1.97 -3.33 | 74.63 1.83 -2.25 | 74.95 1.91 -2.35 | 73.40 1.54 -1.60 | 72.96 1.55 -1.01 | 73.03 1.19 -1.73 |
| FIBERTEK___ENERGY 23856 | 104.91 -0.32 0.00 | 85.29 -0.34 0.00 | 78.75 -0.32 0.00 | 85.75 -0.43 0.00 | 85.67 -0.34 0.00 | 85.09 0.09 0.00 | 87.72 0.35 0.00 | 124.72 0.12 0.00 | 127.21 0.13 0.00 | 87.71 0.17 -0.45 | 85.27 0.00 -0.09 | 82.98 0.00 0.00 | 82.11 0.00 0.00 | 81.18 0.00 0.00 | 84.94 0.00 0.00 | 71.02 -0.07 -0.53 | 70.29 -0.21 0.00 | 73.09 -0.07 -2.44 | 70.35 -0.21 0.00 | 70.49 -0.14 -0.07 | 71.13 -0.07 -0.50 | 69.76 -0.49 0.00 | 69.98 -0.42 0.00 | 69.87 -0.49 -0.25 |
| FITZPATRICK____ 23598 | 101.33 -3.89 0.00 | 82.47 -3.17 0.00 | 76.14 -2.92 0.00 | 82.91 -3.27 0.00 | 82.83 -3.18 0.00 | 82.12 -2.89 0.00 | 84.49 -2.88 0.00 | 120.11 -4.48 0.00 | 122.52 -4.57 0.00 | 84.04 -3.05 0.00 | 82.12 -3.06 0.00 | 80.00 -2.98 0.00 | 79.15 -2.95 0.00 | 78.26 -2.92 0.00 | 81.89 -3.05 0.00 | 68.03 -2.54 0.00 | 67.82 -2.68 0.00 | 69.36 -2.54 -1.18 | 67.81 -2.75 0.00 | 67.91 -2.68 -0.04 | 68.32 -2.61 -0.24 | 67.37 -2.88 0.00 | 67.66 -2.75 0.00 | 67.57 -2.66 -0.12 |
| FLOWRFLD_69_KV_BK1 356044 | 125.35 12.84 -7.29 | 107.66 11.65 -10.38 | 105.49 10.44 -15.98 | 104.23 11.12 -6.93 | 110.44 11.01 -13.42 | 116.80 11.48 -20.31 | 148.36 12.67 -48.32 | 162.17 18.44 -19.14 | 150.21 18.17 -4.95 | 120.34 12.98 -20.28 | 100.49 11.84 -3.46 | 94.10 11.12 0.00 | 91.71 9.61 0.00 | 91.49 10.31 0.00 | 96.33 11.38 0.00 | 111.65 10.09 -31.00 | 122.64 10.08 -42.06 | 139.79 10.75 -58.33 | 138.37 10.73 -57.08 | 129.05 10.65 -47.85 | 126.82 10.75 -45.38 | 118.99 10.19 -38.55 | 107.24 10.49 -26.34 | 93.71 8.97 -14.62 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 122.86 10.10 -7.54 | 103.04 8.05 -9.35 | 97.02 7.27 -10.68 | 98.72 7.76 -4.78 | 100.58 7.65 -6.91 | 106.16 7.91 -13.25 | 115.57 8.82 -19.38 | 153.39 12.46 -16.34 | 144.37 12.20 -5.08 | 115.79 8.71 -19.99 | 96.91 8.35 -3.38 | 91.03 8.05 0.00 | 89.91 7.80 0.00 | 88.89 7.71 0.00 | 93.27 8.32 0.00 | 100.41 6.77 -23.07 | 93.20 6.56 -16.15 | 122.63 6.93 -44.98 | 106.02 6.77 -28.68 | 96.70 6.84 -19.30 | 97.47 7.00 -19.77 | 90.75 6.67 -13.83 | 85.85 6.76 -8.68 | 90.81 6.03 -14.67 |
| FORT ORANGE____ 23900 | 135.73 6.10 -24.41 | 120.88 4.96 -30.28 | 118.23 4.58 -34.58 | 106.57 4.91 -15.47 | 113.21 4.81 -22.38 | 132.65 4.76 -42.89 | 154.23 4.11 -62.75 | 183.11 5.61 -52.91 | 149.39 5.85 -16.45 | 110.27 4.27 -18.92 | 90.64 4.17 -1.28 | 87.13 4.15 0.00 | 86.21 4.10 0.00 | 85.24 4.06 0.00 | 89.27 4.33 0.00 | 94.63 3.18 -20.88 | 110.29 2.89 -36.90 | 155.15 2.90 -81.54 | 138.99 2.89 -65.54 | 116.86 2.89 -43.41 | 114.19 2.97 -40.52 | 104.86 3.02 -31.59 | 93.55 3.31 -19.84 | 105.30 3.99 -31.20 |
| FORT_DRUM_COGEN 23780 | 107.22 2.00 0.00 | 87.09 1.46 0.00 | 80.57 1.50 0.00 | 88.25 2.07 0.00 | 88.42 2.41 0.00 | 87.81 2.81 0.00 | 90.51 3.15 0.00 | 130.82 6.23 0.00 | 133.19 6.10 0.00 | 90.57 3.48 0.00 | 87.74 2.56 0.00 | 85.22 2.24 0.00 | 84.08 1.97 0.00 | 83.21 2.03 0.00 | 87.07 2.12 0.00 | 72.89 2.33 0.00 | 72.82 2.33 0.00 | 73.77 2.12 -0.93 | 73.17 2.61 0.00 | 71.64 1.06 -0.03 | 71.95 1.06 -0.19 | 71.24 0.98 0.00 | 71.39 0.99 0.00 | 70.79 0.56 -0.11 |
| FOX_HILLS___ESR 323835 | 123.14 10.63 -7.29 | 136.18 7.71 -42.84 | 125.77 6.88 -39.83 | 129.33 7.24 -35.91 | 130.95 6.97 -37.97 | 75.96 6.89 15.93 | 136.36 7.95 -41.04 | 196.41 12.09 -59.74 | 244.57 12.45 -105.02 | 282.45 9.32 -186.04 | 272.94 9.03 -178.73 | 83.89 8.96 8.05 | 83.89 8.62 6.84 | 83.88 8.52 5.82 | 83.91 9.09 10.13 | 254.40 7.34 -176.50 | 201.76 7.26 -124.00 | 285.96 7.43 -207.81 | 237.06 7.41 -159.09 | 269.49 7.62 -191.32 | 192.18 7.71 -113.78 | 171.48 7.45 -93.78 | 188.42 7.60 -110.41 | 130.21 6.66 -53.44 |
| FPL FAR_ROCK_GT1 24212 | 125.03 12.52 -7.29 | 106.84 11.13 -10.08 | 103.83 10.04 -14.71 | 103.28 10.68 -6.41 | 108.50 10.58 -11.91 | 114.61 10.97 -18.63 | 140.44 11.35 -41.72 | 159.42 16.44 -18.39 | 147.78 15.76 -4.93 | 119.90 12.54 -20.27 | 100.47 11.76 -3.53 | 94.11 11.12 0.00 | 92.34 10.18 -0.06 | 91.49 10.31 0.00 | 95.98 11.04 0.00 | 145.84 9.74 -65.54 | 143.75 9.66 -63.59 | 153.90 9.97 -73.21 | 139.62 10.02 -59.04 | 136.43 10.01 -55.86 | 136.15 10.18 -55.27 | 132.88 9.76 -52.87 | 102.79 9.99 -22.39 | 93.28 8.55 -14.61 |

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| FPL FAR_ROCK_GT2 23815 | 125.03 12.52 -7.29 | 106.84 11.13 -10.08 | 103.83 10.04 -14.71 | 103.28 10.68 -6.41 | 108.50 10.58 -11.91 | 114.61 10.97 -18.63 | 140.44 11.35 -41.72 | 159.42 16.44 -18.39 | 147.78 15.76 -4.93 | 119.90 12.54 -20.27 | 100.47 11.76 -3.53 | 94.11 11.12 0.00 | 92.34 10.18 -0.06 | 91.49 10.31 0.00 | 95.98 11.04 0.00 | 145.84 9.74 -65.54 | 143.75 9.66 -63.59 | 153.90 9.97 -73.21 | 139.62 10.02 -59.04 | 136.43 10.01 -55.86 | 136.15 10.18 -55.27 | 132.88 9.76 -52.87 | 102.79 9.99 -22.39 | 93.28 8.55 -14.61 |
| FRANKLIN_FALL_HYD 24054 | 105.22 0.00 0.00 | 85.89 0.26 0.00 | 79.62 0.55 0.00 | 86.53 0.34 0.00 | 86.10 0.09 0.00 | 84.50 -0.51 0.00 | 85.80 -1.57 0.00 | 122.60 -1.99 0.00 | 125.05 -2.03 0.00 | 85.70 -1.39 0.00 | 84.25 -0.94 0.00 | 81.82 -1.16 0.00 | 81.12 -0.99 0.00 | 80.12 -1.06 0.00 | 83.50 -1.44 0.00 | 70.14 -0.42 0.00 | 70.21 -0.28 0.00 | 70.08 -0.64 0.00 | 69.93 -0.64 0.00 | 69.85 -0.71 0.00 | 69.78 -0.92 0.00 | 69.97 -0.28 0.00 | 69.77 -0.63 0.00 | 69.97 -0.14 0.00 |
| FREEPORT_EQUS_GT1 23764 | 123.46 10.94 -7.29 | 105.67 9.93 -10.11 | 102.91 9.01 -14.84 | 102.21 9.57 -6.46 | 107.44 9.38 -12.06 | 113.15 9.35 -18.79 | 140.01 10.30 -42.34 | 157.99 14.94 -18.46 | 146.26 14.23 -4.94 | 118.25 10.89 -20.27 | 99.14 10.47 -3.48 | 92.94 9.95 0.00 | 91.07 8.95 -0.02 | 90.35 9.17 0.00 | 94.88 9.93 0.00 | 120.44 8.46 -41.41 | 124.71 8.39 -45.82 | 141.28 8.70 -61.86 | 133.36 8.75 -54.05 | 126.11 8.75 -46.81 | 124.87 8.84 -45.34 | 118.83 8.50 -40.09 | 102.19 9.01 -22.76 | 92.44 7.71 -14.61 |
| FREEPORT___CT2 23818 | 123.46 10.94 -7.29 | 105.67 9.93 -10.11 | 102.91 9.01 -14.84 | 102.21 9.57 -6.46 | 107.44 9.38 -12.06 | 113.15 9.35 -18.79 | 140.01 10.30 -42.34 | 157.99 14.94 -18.46 | 146.26 14.23 -4.94 | 118.25 10.89 -20.27 | 99.14 10.47 -3.48 | 92.94 9.95 0.00 | 91.07 8.95 -0.02 | 90.35 9.17 0.00 | 94.88 9.93 0.00 | 120.44 8.46 -41.41 | 124.71 8.39 -45.82 | 141.28 8.70 -61.86 | 133.36 8.75 -54.05 | 126.11 8.75 -46.81 | 124.87 8.84 -45.34 | 118.83 8.50 -40.09 | 102.19 9.01 -22.76 | 92.44 7.71 -14.61 |
| FRESHKLS_33_KV_LOAD 356253 | 123.03 10.52 -7.29 | 135.93 7.45 -42.84 | 125.54 6.64 -39.83 | 129.07 6.98 -35.91 | 130.60 6.62 -37.97 | 75.71 6.63 15.93 | 136.18 7.78 -41.04 | 196.16 11.84 -59.74 | 244.18 12.07 -105.02 | 282.27 9.14 -186.04 | 272.68 8.77 -178.73 | 83.56 8.63 8.05 | 83.56 8.29 6.84 | 83.55 8.20 5.82 | 83.57 8.75 10.13 | 254.19 7.13 -176.50 | 201.61 7.12 -124.00 | 285.74 7.21 -207.81 | 236.92 7.27 -159.09 | 269.28 7.41 -191.32 | 191.97 7.49 -113.78 | 171.27 7.24 -93.78 | 188.14 7.32 -110.41 | 130.00 6.45 -53.44 |
| FULTON COGEN____ 23766 | 102.28 -2.95 0.00 | 83.15 -2.48 0.00 | 76.78 -2.29 0.00 | 83.60 -2.59 0.00 | 83.52 -2.49 0.00 | 82.80 -2.21 0.00 | 85.36 -2.01 0.00 | 121.48 -3.11 0.00 | 123.91 -3.18 0.00 | 85.00 -2.09 0.00 | 83.05 -2.13 0.00 | 80.91 -2.07 0.00 | 80.05 -2.05 0.00 | 79.15 -2.03 0.00 | 82.82 -2.12 0.00 | 68.87 -1.69 0.00 | 68.66 -1.83 0.00 | 70.71 -1.70 -1.69 | 68.73 -1.83 0.00 | 68.77 -1.83 -0.05 | 69.28 -1.77 -0.35 | 68.21 -2.04 0.00 | 68.44 -1.97 0.00 | 68.39 -1.89 -0.17 |
| FULTON___LFGE 323630 | 158.14 7.16 -45.75 | 147.87 5.49 -56.75 | 148.88 4.98 -64.82 | 120.53 5.35 -29.01 | 133.39 5.42 -41.96 | 171.26 5.86 -80.39 | 211.90 6.90 -117.63 | 233.50 9.72 -99.18 | 167.34 9.40 -30.84 | 124.48 5.40 -31.99 | 91.36 4.68 -1.50 | 87.21 4.23 0.00 | 86.29 4.19 0.00 | 85.48 4.30 0.00 | 89.44 4.50 0.00 | 110.23 4.58 -35.08 | 135.29 5.01 -59.78 | 195.55 5.37 -119.46 | 182.39 5.65 -106.18 | 146.01 5.51 -69.95 | 139.20 5.44 -63.06 | 126.43 4.99 -51.19 | 107.26 4.72 -32.14 | 123.50 4.14 -49.25 |
| G.F.CEMENT___DRP 24184 | 157.83 6.10 -46.50 | 147.94 4.62 -57.68 | 149.22 4.27 -65.88 | 120.23 4.57 -29.48 | 133.21 4.56 -42.64 | 171.48 4.76 -81.71 | 212.34 5.42 -119.55 | 233.12 7.72 -100.81 | 166.31 7.88 -31.35 | 127.00 6.71 -33.21 | 93.24 6.39 -1.67 | 89.21 6.22 0.00 | 88.26 6.16 0.00 | 87.35 6.17 0.00 | 91.40 6.46 0.00 | 112.67 5.65 -36.46 | 136.14 4.51 -61.13 | 194.51 4.67 -119.12 | 183.87 4.73 -108.58 | 146.65 4.66 -71.44 | 139.16 4.60 -63.86 | 126.88 4.29 -52.34 | 107.42 4.15 -32.86 | 123.96 3.79 -50.06 |
| GARDENVILLE___LBMP 24039 | 99.55 -6.73 -1.06 | 81.89 -5.05 -1.31 | 75.90 -4.67 -1.50 | 81.42 -5.43 -0.67 | 81.73 -5.25 -0.97 | 82.78 -4.08 -1.86 | 85.10 -4.98 -2.71 | 116.79 -10.09 -2.29 | 117.38 -10.42 -0.71 | 82.04 -6.44 -1.40 | 78.82 -6.56 -0.19 | 76.68 -6.31 0.00 | 75.54 -6.57 0.00 | 74.60 -6.58 0.00 | 77.81 -7.14 0.00 | 66.29 -5.86 -1.58 | 65.70 -7.40 -2.61 | 68.56 -7.35 -5.20 | 68.14 -6.99 -4.56 | 60.31 -6.49 3.75 | 52.47 -5.73 12.50 | 49.59 -6.81 13.85 | 62.95 -5.98 1.48 | 65.63 -6.87 -2.39 |
| GARDNVLA_35_KV_LD 355827 | 99.87 -6.42 -1.06 | 82.25 -4.71 -1.32 | 76.15 -4.43 -1.51 | 81.69 -5.17 -0.68 | 82.00 -4.99 -0.98 | 83.05 -3.83 -1.87 | 85.39 -4.72 -2.74 | 117.18 -9.72 -2.31 | 117.89 -9.91 -0.72 | 82.40 -6.10 -1.41 | 79.16 -6.22 -0.20 | 76.93 -6.06 0.00 | 75.87 -6.24 0.00 | 74.85 -6.33 0.00 | 78.15 -6.80 0.00 | 66.58 -5.57 -1.60 | 65.94 -7.19 -2.63 | 68.85 -7.14 -5.27 | 68.62 -6.56 -4.62 | 62.01 -6.14 2.40 | 55.89 -5.37 9.43 | 53.03 -6.53 10.68 | 63.73 -5.77 0.90 | 65.87 -6.66 -2.41 |
| GELCKHM___115KV_LOAD 80723 | 103.86 -1.37 0.00 | 84.52 -1.11 0.00 | 77.96 -1.11 0.00 | 84.89 -1.29 0.00 | 84.89 -1.12 0.00 | 84.24 -0.77 0.00 | 86.84 -0.52 0.00 | 123.34 -1.25 0.00 | 125.82 -1.27 0.00 | 86.78 -0.70 -0.39 | 84.41 -0.85 -0.08 | 82.15 -0.83 0.00 | 81.28 -0.82 0.00 | 80.29 -0.89 0.00 | 84.01 -0.93 0.00 | 70.17 -0.85 -0.45 | 69.51 -0.99 0.00 | 72.00 -0.85 -2.13 | 69.58 -0.99 0.00 | 69.70 -0.92 -0.06 | 70.29 -0.85 -0.44 | 69.06 -1.19 0.00 | 69.28 -1.13 0.00 | 69.21 -1.12 -0.22 |
| GENERAL___MILLS 23808 | 99.76 -6.52 -1.06 | 82.07 -4.88 -1.32 | 76.07 -4.51 -1.51 | 81.51 -5.34 -0.67 | 81.91 -5.07 -0.97 | 82.88 -4.00 -1.87 | 85.29 -4.81 -2.73 | 117.05 -9.84 -2.30 | 117.64 -10.17 -0.72 | 82.22 -6.27 -1.40 | 78.99 -6.39 -0.20 | 76.76 -6.22 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.97 0.00 | 66.44 -5.72 -1.59 | 65.86 -7.26 -2.62 | 68.69 -7.28 -5.25 | 68.46 -6.70 -4.60 | 61.57 -6.21 2.77 | 54.99 -5.44 10.26 | 52.11 -6.60 11.54 | 63.57 -5.77 1.06 | 65.72 -6.80 -2.41 |
| GE_PLASTICS___DRP 24183 | 128.98 4.74 -19.02 | 113.08 3.85 -23.59 | 109.57 3.56 -26.95 | 102.03 3.79 -12.06 | 107.15 3.70 -17.44 | 122.08 3.66 -33.42 | 139.94 3.67 -48.90 | 170.81 4.98 -41.23 | 145.12 5.21 -12.82 | 104.70 3.83 -13.77 | 89.87 3.83 -0.86 | 86.80 3.82 0.00 | 85.88 3.78 0.00 | 84.91 3.73 0.00 | 88.94 3.99 0.00 | 88.60 2.89 -15.14 | 104.55 2.82 -31.23 | 146.69 2.83 -73.14 | 128.86 2.82 -55.47 | 110.31 2.89 -36.87 | 108.74 2.90 -35.15 | 99.87 2.88 -26.74 | 90.29 3.10 -16.79 | 100.10 3.16 -26.83 |
| GILBOA___1 23756 | 112.07 4.10 -2.74 | 92.29 3.25 -3.40 | 85.88 2.93 -3.88 | 91.02 3.10 -1.74 | 91.62 3.09 -2.51 | 93.05 3.23 -4.82 | 98.00 3.58 -7.05 | 135.15 4.61 -5.94 | 133.89 4.95 -1.85 | 92.60 3.66 -1.85 | 88.92 3.49 -0.25 | 86.80 3.82 0.00 | 86.13 4.02 0.00 | 85.16 3.98 0.00 | 89.19 4.25 0.00 | 75.41 2.83 -2.02 | 85.23 2.96 -11.78 | 112.46 3.04 -38.70 | 94.58 3.10 -20.92 | 87.89 3.10 -14.24 | 89.41 3.18 -15.53 | 83.35 3.02 -10.08 | 79.83 3.09 -6.33 | 84.10 2.73 -11.25 |
| GILBOA___2 23757 | 112.07 4.10 -2.74 | 92.29 3.25 -3.40 | 85.88 2.93 -3.88 | 91.02 3.10 -1.74 | 91.62 3.09 -2.51 | 93.05 3.23 -4.82 | 98.00 3.58 -7.05 | 135.15 4.61 -5.94 | 133.89 4.95 -1.85 | 92.60 3.66 -1.85 | 88.92 3.49 -0.25 | 86.80 3.82 0.00 | 86.13 4.02 0.00 | 85.16 3.98 0.00 | 89.19 4.25 0.00 | 75.41 2.83 -2.02 | 85.23 2.96 -11.78 | 112.46 3.04 -38.70 | 94.58 3.10 -20.92 | 87.89 3.10 -14.24 | 89.41 3.18 -15.53 | 83.35 3.02 -10.08 | 79.83 3.09 -6.33 | 84.10 2.73 -11.25 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| GILBOA___3 23758 | 112.07 4.10 -2.74 | 92.29 3.25 -3.40 | 85.88 2.93 -3.88 | 91.02 3.10 -1.74 | 91.62 3.09 -2.51 | 93.05 3.23 -4.82 | 98.00 3.58 -7.05 | 135.15 4.61 -5.94 | 133.89 4.95 -1.85 | 92.60 3.66 -1.85 | 88.92 3.49 -0.25 | 86.80 3.82 0.00 | 86.13 4.02 0.00 | 85.16 3.98 0.00 | 89.19 4.25 0.00 | 75.41 2.83 -2.02 | 85.23 2.96 -11.78 | 112.46 3.04 -38.70 | 94.58 3.10 -20.92 | 87.89 3.10 -14.24 | 89.41 3.18 -15.53 | 83.35 3.02 -10.08 | 79.83 3.09 -6.33 | 84.10 2.73 -11.25 |
| GILBOA___4 23759 | 112.07 4.10 -2.74 | 92.29 3.25 -3.40 | 85.88 2.93 -3.88 | 91.02 3.10 -1.74 | 91.62 3.09 -2.51 | 93.05 3.23 -4.82 | 98.00 3.58 -7.05 | 135.15 4.61 -5.94 | 133.89 4.95 -1.85 | 92.60 3.66 -1.85 | 88.92 3.49 -0.25 | 86.80 3.82 0.00 | 86.13 4.02 0.00 | 85.16 3.98 0.00 | 89.19 4.25 0.00 | 75.41 2.83 -2.02 | 85.23 2.96 -11.78 | 112.46 3.04 -38.70 | 94.58 3.10 -20.92 | 87.89 3.10 -14.24 | 89.41 3.18 -15.53 | 83.35 3.02 -10.08 | 79.83 3.09 -6.33 | 84.10 2.73 -11.25 |
| GILBOA___ 23599 | 112.07 4.10 -2.74 | 92.29 3.25 -3.40 | 85.88 2.93 -3.88 | 91.02 3.10 -1.74 | 91.62 3.10 -2.51 | 93.06 3.23 -4.82 | 98.00 3.58 -7.05 | 135.14 4.61 -5.94 | 133.89 4.96 -1.85 | 92.60 3.66 -1.85 | 88.92 3.49 -0.25 | 86.72 3.73 0.00 | 86.05 3.94 0.00 | 85.16 3.98 0.00 | 89.19 4.25 0.00 | 75.41 2.82 -2.02 | 85.24 2.96 -11.78 | 112.55 3.04 -38.79 | 94.52 3.03 -20.92 | 87.90 3.10 -14.24 | 89.41 3.18 -15.53 | 83.36 3.02 -10.08 | 79.84 3.10 -6.33 | 84.10 2.73 -11.25 |
| GINNA___ 23603 | 97.44 -7.79 0.00 | 79.64 -6.00 0.00 | 73.46 -5.61 0.00 | 79.89 -6.29 0.00 | 79.99 -6.02 0.00 | 79.65 -5.35 0.00 | 81.77 -5.59 0.00 | 115.37 -9.22 0.00 | 117.68 -9.40 0.00 | 81.40 -6.18 -0.49 | 78.84 -6.48 -0.14 | 76.67 -6.31 0.00 | 75.95 -6.16 0.00 | 75.01 -6.17 0.00 | 78.23 -6.71 0.00 | 65.56 -5.58 -0.57 | 66.26 -6.06 -1.82 | 69.08 -5.87 -4.23 | 67.03 -6.77 -3.24 | 66.31 -6.42 -2.17 | 66.81 -6.15 -2.26 | 64.86 -6.96 -1.56 | 64.63 -6.76 -0.98 | 65.98 -5.82 -1.68 |
| GLEN PARK___ 23778 | 108.69 3.47 0.00 | 88.29 2.66 0.00 | 81.60 2.53 0.00 | 89.37 3.19 0.00 | 89.71 3.70 0.00 | 89.34 4.33 0.00 | 92.17 4.80 0.00 | 133.18 8.59 0.00 | 135.47 8.39 0.00 | 91.97 4.87 0.00 | 89.02 3.84 0.00 | 86.31 3.32 0.00 | 85.06 2.95 0.00 | 84.26 3.08 0.00 | 88.25 3.31 0.00 | 74.09 3.53 0.00 | 74.09 3.59 0.00 | 75.06 3.39 -0.95 | 74.58 4.02 0.00 | 72.21 1.62 -0.03 | 72.56 1.63 -0.23 | 71.73 1.48 0.00 | 71.81 1.41 0.00 | 71.14 0.91 -0.12 |
| GLENDALE_27_KV_LOAD 356172 | 123.35 10.84 -7.29 | 103.07 8.39 -9.04 | 96.91 7.51 -10.32 | 98.73 7.93 -4.62 | 100.26 7.57 -6.68 | 105.55 7.74 -12.80 | 114.84 8.74 -18.74 | 153.35 12.96 -15.80 | 145.34 13.34 -4.91 | 117.37 10.02 -20.26 | 98.34 9.63 -3.53 | 96.42 9.54 -3.89 | 96.41 9.20 -5.11 | 90.27 9.09 0.00 | 94.63 9.68 0.00 | 101.80 7.83 -23.40 | 96.36 7.75 -18.10 | 123.55 7.92 -44.91 | 107.04 7.90 -28.57 | 97.82 8.04 -19.22 | 98.52 8.13 -19.69 | 93.15 7.87 -15.03 | 88.67 7.96 -10.30 | 91.73 7.01 -14.61 |
| GLENWOOD_IC_1_G5 23712 | 122.40 9.89 -7.29 | 104.05 8.65 -9.76 | 100.53 8.07 -13.40 | 100.59 8.53 -5.87 | 104.78 8.43 -10.34 | 109.88 7.99 -16.88 | 131.09 8.91 -34.81 | 155.16 12.96 -17.61 | 145.23 13.22 -4.93 | 116.94 9.58 -20.27 | 97.94 9.28 -3.48 | 91.78 8.80 0.00 | 90.24 8.13 -0.01 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 113.72 7.55 -35.60 | 114.26 7.47 -36.29 | 134.50 7.71 -56.07 | 124.10 7.62 -45.92 | 116.23 7.69 -37.98 | 115.60 7.78 -37.13 | 109.43 7.52 -31.66 | 96.27 7.60 -18.26 | 91.32 6.59 -14.61 |
| GLENWOOD_IC_2_G1 23688 | 122.40 9.89 -7.29 | 103.25 8.30 -9.31 | 98.05 7.52 -11.47 | 99.19 7.92 -5.08 | 101.88 7.83 -8.05 | 107.24 7.91 -14.33 | 120.93 8.82 -24.75 | 153.90 12.84 -16.47 | 144.59 12.58 -4.91 | 116.85 9.49 -20.27 | 97.77 9.12 -3.47 | 91.87 8.88 0.00 | 90.39 8.29 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 107.15 7.41 -29.18 | 102.45 7.40 -24.55 | 128.49 7.57 -50.20 | 113.46 7.55 -35.34 | 104.89 7.62 -26.72 | 105.21 7.78 -26.73 | 98.82 7.44 -21.12 | 90.18 7.54 -12.24 | 91.31 6.59 -14.61 |
| GLENWOOD_IC_3_G1 23689 | 122.40 9.89 -7.29 | 103.25 8.30 -9.31 | 98.05 7.52 -11.47 | 99.19 7.92 -5.08 | 101.88 7.83 -8.05 | 107.24 7.91 -14.33 | 120.93 8.82 -24.75 | 153.90 12.84 -16.47 | 144.59 12.58 -4.91 | 116.85 9.49 -20.27 | 97.77 9.12 -3.47 | 91.87 8.88 0.00 | 90.39 8.29 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 107.15 7.41 -29.18 | 102.45 7.40 -24.55 | 128.49 7.57 -50.20 | 113.46 7.55 -35.34 | 104.89 7.62 -26.72 | 105.21 7.78 -26.73 | 98.82 7.44 -21.12 | 90.18 7.54 -12.24 | 91.31 6.59 -14.61 |
| GLENWOOD___4 23550 | 122.72 10.21 -7.29 | 104.13 8.73 -9.76 | 100.53 8.07 -13.40 | 100.59 8.53 -5.87 | 104.78 8.43 -10.34 | 110.14 8.25 -16.88 | 131.35 9.17 -34.81 | 155.53 13.33 -17.61 | 145.49 13.47 -4.93 | 117.20 9.84 -20.27 | 98.11 9.46 -3.48 | 91.95 8.96 0.00 | 90.49 8.37 -0.01 | 89.62 8.44 0.00 | 94.12 9.17 0.00 | 113.86 7.69 -35.60 | 114.40 7.61 -36.29 | 134.64 7.85 -56.07 | 124.31 7.83 -45.92 | 116.44 7.90 -37.98 | 115.81 7.99 -37.13 | 109.64 7.73 -31.66 | 96.48 7.82 -18.26 | 91.46 6.73 -14.61 |
| GLENWOOD___5 23614 | 122.72 10.21 -7.29 | 104.13 8.73 -9.76 | 100.53 8.07 -13.40 | 100.59 8.53 -5.87 | 104.78 8.43 -10.34 | 110.14 8.25 -16.88 | 131.35 9.17 -34.81 | 155.53 13.33 -17.61 | 145.49 13.47 -4.93 | 117.20 9.84 -20.27 | 98.11 9.46 -3.48 | 91.95 8.96 0.00 | 90.49 8.37 -0.01 | 89.62 8.44 0.00 | 94.12 9.17 0.00 | 113.86 7.69 -35.60 | 114.40 7.61 -36.29 | 134.64 7.85 -56.07 | 124.31 7.83 -45.92 | 116.44 7.90 -37.98 | 115.81 7.99 -37.13 | 109.64 7.73 -31.66 | 96.48 7.82 -18.26 | 91.46 6.73 -14.61 |
| GLOBAL GREEN_PORT_GT1 23814 | 127.04 14.53 -7.29 | 110.07 14.04 -10.39 | 107.88 12.81 -16.00 | 106.83 13.70 -6.94 | 113.13 13.68 -13.44 | 119.62 14.28 -20.34 | 151.33 15.55 -48.41 | 166.78 23.05 -19.15 | 152.88 20.84 -4.95 | 122.70 15.33 -20.28 | 101.93 13.28 -3.46 | 96.26 13.27 0.00 | 93.27 11.16 0.00 | 93.19 12.01 0.00 | 98.28 13.34 0.00 | 113.34 11.85 -30.93 | 124.41 11.84 -42.07 | 142.65 13.08 -58.85 | 141.26 13.55 -57.14 | 131.93 13.48 -47.90 | 129.62 13.51 -45.41 | 121.19 12.37 -38.57 | 109.62 12.82 -26.40 | 95.81 11.07 -14.62 |
| GLOBE___DSASP 323697 | 95.96 -9.26 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.04 -6.97 0.00 | 79.06 -5.95 0.00 | 79.68 -7.69 0.00 | 110.51 -14.08 0.00 | 112.47 -14.62 0.00 | 78.49 -9.23 -0.63 | 76.16 -9.20 -0.18 | 74.10 -8.88 0.00 | 73.07 -9.03 0.00 | 72.17 -9.01 0.00 | 75.26 -9.68 0.00 | 63.26 -8.04 -0.74 | 63.03 -9.87 -2.40 | 66.22 -9.48 -4.98 | 64.41 -10.37 -4.22 | 59.09 -9.81 1.66 | 54.74 -8.55 7.40 | 52.66 -9.06 8.53 | 61.64 -8.17 0.60 | 64.47 -7.85 -2.21 |
| GOETHSLN___LBMP 323567 | 122.51 10.00 -7.29 | 43.24 7.19 49.59 | 47.17 6.48 38.38 | 45.32 6.81 47.67 | 45.32 6.62 47.31 | 49.16 6.72 42.56 | 56.22 7.51 38.66 | 74.11 11.21 61.70 | 10.86 11.44 127.66 | -84.20 8.45 179.74 | -98.03 8.26 191.47 | -20.73 8.22 111.93 | -20.73 7.88 110.72 | -5.93 7.79 94.91 | -9.94 8.41 103.29 | -74.88 6.70 152.15 | -28.14 6.63 105.26 | -69.95 6.72 147.39 | -47.16 6.63 124.36 | -93.89 6.84 171.29 | -14.71 6.86 92.27 | 1.51 6.74 75.49 | -20.90 6.83 98.13 | 39.31 6.03 36.83 |
| GOLAH___69_KV_TB 1_2 80279 | 101.12 -4.10 0.00 | 82.81 -2.83 0.00 | 76.38 -2.69 0.00 | 82.99 -3.19 0.00 | 83.00 -3.01 0.00 | 82.88 -2.13 0.00 | 84.83 -2.53 0.00 | 118.74 -5.86 0.00 | 120.99 -6.10 0.00 | 83.77 -3.83 -0.51 | 81.15 -4.17 -0.14 | 78.92 -4.07 0.00 | 78.00 -4.11 0.00 | 77.04 -4.14 0.00 | 80.36 -4.59 0.00 | 67.28 -3.88 -0.60 | 67.69 -4.72 -1.92 | 70.65 -4.38 -4.32 | 68.61 -5.36 -3.41 | 67.84 -5.01 -2.30 | 68.58 -4.52 -2.41 | 66.52 -5.41 -1.67 | 66.58 -4.86 -1.03 | 68.02 -3.86 -1.77 |

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|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| GOODYEAR_LAKE_HYD 323669 | 124.37 4.74 -14.41 | 107.19 3.68 -17.87 | 102.81 3.32 -20.42 | 98.85 3.53 -9.14 | 102.92 3.70 -13.21 | 114.66 4.34 -25.32 | 129.39 4.98 -37.05 | 162.81 6.98 -31.24 | 143.79 6.99 -9.71 | 103.34 4.70 -11.54 | 90.19 4.17 -0.83 | 87.13 4.15 0.00 | 86.13 4.02 0.00 | 85.24 4.06 0.00 | 89.27 4.33 0.00 | 86.93 3.60 -12.77 | 95.98 3.74 -21.75 | 113.91 3.82 -39.38 | 113.28 4.09 -38.63 | 99.84 3.95 -25.33 | 96.79 3.96 -22.13 | 92.46 3.58 -18.62 | 85.69 3.59 -11.69 | 90.49 2.87 -17.51 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 108.19 0.74 -2.23 | 88.92 0.51 -2.77 | 82.63 0.40 -3.16 | 87.94 0.34 -1.42 | 88.49 0.43 -2.05 | 89.87 0.94 -3.92 | 94.25 1.14 -5.74 | 130.18 0.75 -4.84 | 129.36 0.76 -1.51 | 90.64 0.70 -2.85 | 86.00 0.43 -0.39 | 83.48 0.50 0.00 | 82.52 0.41 0.00 | 81.59 0.41 0.00 | 85.45 0.51 0.00 | 74.07 0.28 -3.23 | 75.94 0.00 -5.44 | 84.79 0.00 -14.08 | 80.65 0.42 -9.67 | 77.57 0.49 -6.52 | 78.02 0.64 -6.69 | 75.12 0.21 -4.66 | 73.69 0.35 -2.93 | 74.63 -0.42 -4.93 |
| GOUDEY___7 23579 | 108.19 0.74 -2.23 | 88.92 0.51 -2.77 | 82.63 0.40 -3.16 | 87.94 0.34 -1.42 | 88.49 0.43 -2.05 | 89.87 0.94 -3.92 | 94.25 1.14 -5.74 | 130.18 0.75 -4.84 | 129.36 0.76 -1.51 | 90.64 0.70 -2.85 | 86.00 0.43 -0.39 | 83.48 0.50 0.00 | 82.52 0.41 0.00 | 81.59 0.41 0.00 | 85.45 0.51 0.00 | 74.07 0.28 -3.23 | 75.94 0.00 -5.44 | 84.79 0.00 -14.08 | 80.65 0.42 -9.67 | 77.57 0.49 -6.52 | 78.02 0.64 -6.69 | 75.12 0.21 -4.66 | 73.69 0.35 -2.93 | 74.63 -0.42 -4.93 |
| GOUDEY___8 23580 | 108.19 0.74 -2.23 | 88.92 0.51 -2.77 | 82.63 0.40 -3.16 | 87.94 0.34 -1.42 | 88.49 0.43 -2.05 | 89.87 0.94 -3.92 | 94.25 1.14 -5.74 | 130.18 0.75 -4.84 | 129.36 0.76 -1.51 | 90.64 0.70 -2.85 | 86.00 0.43 -0.39 | 83.48 0.50 0.00 | 82.52 0.41 0.00 | 81.59 0.41 0.00 | 85.45 0.51 0.00 | 74.07 0.28 -3.23 | 75.94 0.00 -5.44 | 84.79 0.00 -14.08 | 80.65 0.42 -9.67 | 77.57 0.49 -6.52 | 78.02 0.64 -6.69 | 75.12 0.21 -4.66 | 73.69 0.35 -2.93 | 74.63 -0.42 -4.93 |
| GOWANUS_GT1_1 24077 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT1_2 24078 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT1_3 24079 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT1_4 24080 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT1_5 24084 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT1_6 24111 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT1_7 24112 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT1_8 24113 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT2_1 24114 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT2_2 24115 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT2_3 24116 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |

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| GOWANUS_GT2_4 24117 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT2_5 24118 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT2_6 24119 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT2_7 24120 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT2_8 24121 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT3_1 24122 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT3_2 24123 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | | | | | | | | | | | | | | |

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| GOWANUS_GT4_3 24132 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT4_4 24133 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT4_5 24134 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT4_6 24135 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT4_7 24136 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GOWANUS_GT4_8 24137 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GREENBSH_115KV_TB3 55895 | 136.14 5.58 -25.33 | 121.69 4.62 -31.43 | 119.16 4.19 -35.90 | 106.73 4.48 -16.06 | 113.72 4.47 -23.23 | 133.86 4.34 -44.52 | 156.70 4.19 -65.14 | 185.25 5.73 -54.92 | 150.27 6.10 -17.08 | 111.06 4.53 -19.44 | 90.98 4.51 -1.28 | 87.38 4.40 0.00 | 86.46 4.35 0.00 | 85.48 4.30 0.00 | 89.44 4.50 0.00 | 95.26 3.25 -21.45 | 111.56 3.10 -37.96 | 156.94 3.04 -83.18 | 141.02 3.03 -67.42 | 118.30 3.10 -44.64 | 115.36 3.11 -41.55 | 105.99 3.23 -32.50 | 94.26 3.45 -20.41 | 105.93 3.79 -32.03 |
| GREENDGE_115KV_TB5 80291 | 104.95 -1.58 -1.30 | 86.56 -0.69 -1.61 | 80.20 -0.71 -1.84 | 86.06 -0.95 -0.82 | 86.51 -0.69 -1.19 | 87.46 0.17 -2.28 | 90.88 0.17 -3.34 | 126.54 -0.87 -2.82 | 126.82 -1.14 -0.88 | 88.36 -0.44 -1.70 | 84.57 -0.85 -0.24 | 82.07 -0.91 0.00 | 81.04 -1.07 0.00 | 80.21 -0.97 0.00 | 83.92 -1.02 0.00 | 71.72 -0.78 -1.93 | 72.57 -1.13 -3.21 | 72.22 -0.99 -2.49 | 75.49 -0.85 -5.77 | 82.08 -0.85 -12.37 | 93.21 -0.99 -23.51 | 90.58 -1.69 -22.02 | 74.17 -1.41 -5.17 | 71.15 -1.89 -2.93 |
| GREENIDGE___3 23582 | 104.95 -1.58 -1.30 | 86.56 -0.69 -1.61 | 80.20 -0.71 -1.84 | 86.06 -0.95 -0.82 | 86.51 -0.69 -1.19 | 87.46 0.17 -2.28 | 90.88 0.17 -3.34 | 126.54 -0.87 -2.82 | 126.82 -1.14 -0.88 | 88.36 -0.44 -1.70 | 84.57 -0.85 -0.24 | 82.07 -0.91 0.00 | 81.04 -1.07 0.00 | 80.21 -0.97 0.00 | 83.92 -1.02 0.00 | 71.72 -0.78 -1.93 | 72.57 -1.13 -3.21 | 72.22 -0.99 -2.49 | 75.49 -0.85 -5.77 | 82.08 -0.85 -12.37 | 93.21 -0.99 -23.51 | 90.58 -1.69 -22.02 | 74.17 -1.41 -5.17 | 71.15 -1.89 -2.93 |
| GREENIDGE___4 23583 | 104.95 -1.58 -1.30 | 86.56 -0.69 -1.61 | 80.20 -0.71 -1.84 | 86.06 -0.95 -0.82 | 86.51 -0.69 -1.19 | 87.46 0.17 -2.28 | 90.88 0.18 -3.34 | 126.54 -0.87 -2.82 | 126.94 -1.02 -0.88 | 88.36 -0.43 -1.70 | 84.48 -0.94 -0.24 | 81.99 -0.99 0.00 | 81.12 -0.98 0.00 | 80.21 -0.97 0.00 | 83.93 -1.02 0.00 | 71.72 -0.77 -1.93 | 72.57 -1.13 -3.21 | 72.24 -0.99 -2.51 | 75.49 -0.84 -5.77 | 82.15 -0.77 -12.37 | 93.43 -0.78 -23.51 | 90.58 -1.69 -22.02 | 74.17 -1.41 -5.17 | 71.15 -1.89 -2.93 |
| GREENLWN_69_KV_BK 3 55738 | 123.46 10.94 -7.29 | 105.85 9.85 -10.37 | 103.76 8.78 -15.92 | 102.40 9.31 -6.90 | 108.56 9.20 -13.34 | 114.76 9.52 -20.23 | 145.75 10.40 -47.99 | 157.89 14.20 -19.10 | 147.29 15.25 -4.95 | 118.43 11.06 -20.28 | 99.04 10.39 -3.46 | 92.61 9.63 0.00 | 90.72 8.62 0.00 | 90.11 8.93 0.00 | 94.71 9.77 0.00 | 110.31 8.54 -31.21 | 120.88 8.39 -41.99 | 137.17 8.13 -58.32 | 135.49 8.11 -56.81 | 126.52 8.33 -47.64 | 124.47 8.55 -45.21 | 117.25 8.57 -38.43 | 105.35 8.80 -26.14 | 92.23 7.50 -14.62 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |
| GRISSOM___SOLAR 323813 | 158.75 7.05 -46.47 | 148.68 5.40 -57.65 | 149.90 4.98 -65.85 | 120.91 5.26 -29.47 | 133.96 5.33 -42.62 | 172.46 5.78 -81.66 | 213.49 6.64 -119.49 | 234.69 9.35 -100.75 | 167.57 9.16 -31.33 | 124.96 5.40 -32.46 | 91.47 4.77 -1.51 | 87.38 4.40 0.00 | 86.45 4.35 0.00 | 85.56 4.38 0.00 | 89.61 4.67 0.00 | 110.68 4.52 -35.59 | 136.09 4.93 -60.66 | 196.46 5.23 -120.51 | 183.81 5.51 -107.74 | 146.87 5.36 -70.96 | 139.84 5.30 -63.84 | 127.11 4.92 -51.94 | 107.66 4.65 -32.61 | 124.15 4.14 -49.90 |
| GROVEVILLE___HYD 323602 | 122.86 10.10 -7.54 | 103.04 8.05 -9.35 | 97.02 7.27 -10.68 | 98.72 7.76 -4.78 | 100.58 7.65 -6.91 | 106.16 7.91 -13.25 | 115.57 8.82 -19.38 | 153.39 12.46 -16.34 | 144.37 12.20 -5.08 | 115.79 8.71 -19.99 | 96.91 8.35 -3.38 | 91.03 8.05 0.00 | 89.91 7.80 0.00 | 88.89 7.71 0.00 | 93.27 8.32 0.00 | 100.41 6.77 -23.07 | 93.20 6.56 -16.15 | 122.63 6.93 -44.98 | 106.02 6.77 -28.68 | 96.70 6.84 -19.30 | 97.47 7.00 -19.77 | 90.75 6.67 -13.83 | 85.85 6.76 -8.68 | 90.81 6.03 -14.67 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 104.91 -0.32 0.00 | 85.29 -0.34 0.00 | 78.75 -0.32 0.00 | 85.75 -0.43 0.00 | 85.67 -0.34 0.00 | 85.09 0.09 0.00 | 87.72 0.35 0.00 | 124.72 0.12 0.00 | 127.21 0.13 0.00 | 87.71 0.17 -0.45 | 85.27 0.00 -0.09 | 82.98 0.00 0.00 | 82.11 0.00 0.00 | 81.18 0.00 0.00 | 84.94 0.00 0.00 | 71.02 -0.07 -0.53 | 70.29 -0.21 0.00 | 73.09 -0.07 -2.44 | 70.35 -0.21 0.00 | 70.49 -0.14 -0.07 | 71.13 -0.07 -0.50 | 69.76 -0.49 0.00 | 69.98 -0.42 0.00 | 69.87 -0.49 -0.25 |

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|--|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| HAMLTNNY_34_KV_TB 80303 | 105.44 0.21 0.00 | 85.72 0.09 0.00 | 79.07 0.00 0.00 | 86.18 0.00 0.00 | 86.10 0.09 0.00 | 85.60 0.60 0.00 | 88.24 0.87 0.00 | 125.34 0.75 0.00 | 127.85 0.76 0.00 | 88.19 0.61 -0.49 | 85.75 0.43 -0.14 | 83.40 0.41 0.00 | 82.43 0.33 0.00 | 81.50 0.32 0.00 | 85.28 0.34 0.00 | 71.35 0.21 -0.57 | 72.31 0.00 -1.82 | 76.25 0.14 -5.39 | 73.86 0.07 -3.23 | 72.80 0.07 -2.18 | 73.12 0.14 -2.28 | 71.53 -0.28 -1.56 | 71.17 -0.21 -0.98 | 71.44 -0.35 -1.68 |
| HAMPSHIRE___PAPER_HYD 323593 | 104.28 -0.95 0.00 | 84.86 -0.77 0.00 | 78.68 -0.39 0.00 | 85.92 -0.26 0.00 | 85.75 -0.26 0.00 | 84.24 -0.77 0.00 | 85.80 -1.57 0.00 | 123.35 -1.25 0.00 | 125.69 -1.40 0.00 | 85.79 -1.30 0.00 | 84.07 -1.11 0.00 | 81.49 -1.49 0.00 | 80.54 -1.56 0.00 | 79.80 -1.38 0.00 | 83.15 -1.79 0.00 | 69.57 -0.99 0.00 | 69.37 -1.13 0.00 | 69.81 -1.41 -0.50 | 69.36 -1.20 0.00 | 68.81 -1.76 -0.02 | 69.05 -1.76 -0.12 | 69.20 -1.05 0.00 | 69.42 -0.99 0.00 | 69.33 -0.84 -0.06 |
| HARDSCRABBLE_WT_PWR 323673 | 110.28 5.05 0.00 | 89.66 4.03 0.00 | 82.71 3.64 0.00 | 90.15 3.97 0.00 | 90.05 4.04 0.00 | 89.26 4.25 0.00 | 91.82 4.45 0.00 | 130.82 6.23 0.00 | 133.44 6.35 0.00 | 91.44 4.35 0.00 | 89.27 4.09 0.00 | 87.05 4.07 0.00 | 86.05 3.94 0.00 | 85.08 3.90 0.00 | 89.10 4.16 0.00 | 73.81 3.25 0.00 | 73.74 3.24 0.00 | 73.97 3.25 0.00 | 73.81 3.25 0.00 | 73.65 3.10 0.00 | 73.74 3.04 0.00 | 73.06 2.81 0.00 | 73.08 2.67 0.00 | 72.50 2.39 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 120.37 8.42 -6.73 | 100.57 6.59 -8.34 | 94.53 5.93 -9.53 | 96.74 6.29 -4.26 | 98.37 6.19 -6.17 | 103.20 6.38 -11.82 | 111.91 7.25 -17.29 | 149.51 10.34 -14.58 | 141.92 10.29 -4.53 | 112.81 7.49 -18.23 | 95.45 7.16 -3.11 | 89.95 6.97 0.00 | 88.84 6.73 0.00 | 87.84 6.66 0.00 | 92.16 7.22 0.00 | 97.47 5.86 -21.05 | 91.24 5.85 -14.90 | 118.58 6.08 -41.78 | 103.02 6.00 -26.46 | 94.36 6.00 -17.81 | 95.14 6.15 -18.29 | 88.91 5.90 -12.76 | 84.33 5.91 -8.01 | 88.86 5.19 -13.56 |
| HARSNRAD_115KV_TB1 81005 | 96.18 -9.05 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.04 -6.97 0.00 | 79.14 -5.87 0.00 | 80.38 -6.99 0.00 | 111.38 -13.21 0.00 | 113.49 -13.60 0.00 | 79.18 -8.53 -0.62 | 77.10 -8.26 -0.18 | 74.93 -8.05 0.00 | 73.90 -8.21 0.00 | 72.98 -8.20 0.00 | 76.11 -8.83 0.00 | 64.03 -7.27 -0.73 | 63.90 -8.95 -2.36 | 66.92 -8.70 -4.90 | 65.47 -9.24 -4.15 | 60.76 -8.04 1.75 | 56.19 -7.00 7.51 | 53.78 -8.15 8.32 | 62.56 -7.25 0.59 | 65.20 -7.08 -2.17 |
| HARZA MOOSE___RIVER 24016 | 107.22 2.00 0.00 | 87.18 1.54 0.00 | 80.57 1.50 0.00 | 88.25 2.07 0.00 | 88.33 2.32 0.00 | 87.39 2.38 0.00 | 89.90 2.53 0.00 | 129.20 4.61 0.00 | 131.79 4.70 0.00 | 89.97 2.87 0.00 | 87.23 2.04 0.00 | 84.98 1.99 0.00 | 83.91 1.81 0.00 | 82.97 1.79 0.00 | 86.81 1.87 0.00 | 72.26 1.69 0.00 | 72.12 1.62 0.00 | 72.89 1.49 -0.68 | 72.19 1.62 0.00 | 71.70 1.13 -0.02 | 71.97 1.13 -0.14 | 71.31 1.05 0.00 | 71.46 1.06 0.00 | 70.89 0.70 -0.07 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 103.86 -1.37 0.00 | 84.44 -1.20 0.00 | 77.96 -1.11 0.00 | 84.89 -1.29 0.00 | 84.81 -1.20 0.00 | 84.24 -0.77 0.00 | 86.84 -0.52 0.00 | 123.34 -1.25 0.00 | 125.82 -1.27 0.00 | 86.78 -0.70 -0.39 | 84.41 -0.85 -0.08 | 82.15 -0.83 0.00 | 81.28 -0.82 0.00 | 80.37 -0.81 0.00 | 84.09 -0.85 0.00 | 70.17 -0.85 -0.46 | 69.51 -0.99 0.00 | 72.02 -0.85 -2.15 | 69.58 -0.99 0.00 | 69.70 -0.92 -0.07 | 70.29 -0.85 -0.44 | 69.06 -1.19 0.00 | 69.28 -1.13 0.00 | 69.14 -1.19 -0.22 |
| HELLGATE_13_KV_LD 55870 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.20 -10.32 | 98.39 7.58 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.72 12.33 -15.80 | 144.58 12.58 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.45 7.48 -23.40 | 96.00 7.40 -18.10 | 123.12 7.50 -44.91 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.87 7.59 -15.03 | 88.38 7.67 -10.30 | 91.45 6.73 -14.61 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.20 -10.32 | 98.39 7.58 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.72 12.33 -15.80 | 144.58 12.58 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.45 7.48 -23.40 | 96.00 7.40 -18.10 | 123.12 7.50 -44.91 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.87 7.59 -15.03 | 88.38 7.67 -10.30 | 91.45 6.73 -14.61 |
| HEMPSTEAD____ 23647 | 122.72 10.20 -7.29 | 104.86 9.25 -9.97 | 101.64 8.30 -14.28 | 101.29 8.88 -6.23 | 106.08 8.68 -11.39 | 111.82 8.76 -18.05 | 136.48 9.70 -39.41 | 156.79 14.07 -18.13 | 145.63 13.60 -4.93 | 117.64 10.27 -20.27 | 98.45 9.79 -3.48 | 92.36 9.37 0.00 | 90.57 8.46 -0.01 | 89.78 8.60 0.00 | 94.29 9.34 0.00 | 116.15 8.04 -37.55 | 119.36 7.96 -40.90 | 137.96 8.20 -59.05 | 129.26 8.18 -50.52 | 121.54 8.25 -42.74 | 120.49 8.34 -41.45 | 114.18 8.01 -35.93 | 99.72 8.30 -21.01 | 91.81 7.08 -14.61 |
| HEWLETT_69_KV_BK3 55828 | 123.77 11.26 -7.29 | 105.82 10.10 -10.08 | 102.80 9.01 -14.71 | 102.24 9.65 -6.41 | 107.38 9.46 -11.91 | 113.42 9.78 -18.63 | 139.75 10.66 -41.72 | 158.30 15.32 -18.39 | 147.53 15.50 -4.93 | 118.68 11.32 -20.27 | 99.36 10.65 -3.53 | 92.86 9.88 0.00 | 91.28 9.11 -0.06 | 90.43 9.25 0.00 | 94.97 10.02 0.00 | 144.85 8.75 -65.54 | 142.83 8.74 -63.59 | 152.32 8.91 -72.69 | 138.49 8.89 -59.04 | 135.37 8.96 -55.86 | 135.02 9.05 -55.27 | 131.97 8.85 -52.87 | 101.81 9.01 -22.39 | 92.44 7.71 -14.61 |
| HICKLING___1 23621 | 106.03 -0.84 -1.65 | 87.00 -0.69 -2.05 | 80.69 -0.71 -2.34 | 86.28 -0.95 -1.05 | 86.75 -0.77 -1.51 | 87.99 0.09 -2.90 | 91.78 0.17 -4.24 | 126.67 -1.50 -3.58 | 126.67 -1.53 -1.11 | 88.38 -0.87 -2.16 | 84.29 -1.19 -0.30 | 81.82 -1.16 0.00 | 80.87 -1.23 0.00 | 79.96 -1.22 0.00 | 83.67 -1.27 0.00 | 71.96 -1.06 -2.45 | 72.91 -1.69 -4.11 | 74.56 -1.70 -5.54 | 76.90 -0.99 -7.33 | 77.75 -0.92 -8.11 | 82.31 -0.78 -12.39 | 79.52 -1.41 -10.67 | 72.63 -1.27 -3.49 | 71.41 -2.45 -3.75 |
| HICKLING___2 23622 | 106.03 -0.84 -1.65 | 87.00 -0.69 -2.05 | 80.69 -0.71 -2.34 | 86.28 -0.95 -1.05 | 86.75 -0.77 -1.51 | 87.99 0.09 -2.90 | 91.78 0.17 -4.24 | 126.67 -1.50 -3.58 | 126.67 -1.53 -1.11 | 88.38 -0.87 -2.16 | 84.29 -1.19 -0.30 | 81.82 -1.16 0.00 | 80.87 -1.23 0.00 | 79.96 -1.22 0.00 | 83.67 -1.27 0.00 | 71.96 -1.06 -2.45 | 72.91 -1.69 -4.11 | 74.56 -1.70 -5.54 | 76.90 -0.99 -7.33 | 77.75 -0.92 -8.11 | 82.31 -0.78 -12.39 | 79.52 -1.41 -10.67 | 72.63 -1.27 -3.49 | 71.41 -2.45 -3.75 |
| HIGH FALLS___HY 23754 | 125.59 11.36 -9.00 | 105.88 9.08 -11.17 | 99.97 8.14 -12.76 | 100.60 8.70 -5.71 | 102.87 8.60 -8.26 | 109.93 9.10 -15.82 | 120.74 10.22 -23.15 | 158.56 14.45 -19.52 | 146.88 13.73 -6.07 | 114.79 9.67 -18.03 | 97.03 9.03 -2.82 | 91.45 8.46 0.00 | 90.40 8.29 0.00 | 89.30 8.12 0.00 | 93.86 8.92 0.00 | 98.52 7.27 -20.69 | 94.39 6.56 -17.34 | 124.37 7.00 -46.65 | 108.28 6.92 -30.80 | 98.07 6.84 -20.68 | 98.68 7.07 -20.91 | 91.84 6.74 -14.85 | 86.49 6.76 -9.32 | 91.52 5.82 -15.59 |
| HIGH_RIVER___SOLAR 323847 | 159.45 5.15 -49.07 | 150.53 4.03 -60.87 | 152.24 3.64 -69.53 | 121.18 3.88 -31.11 | 134.89 3.87 -45.00 | 175.40 4.16 -86.23 | 218.25 4.71 -126.17 | 237.57 6.60 -106.38 | 166.52 6.35 -33.08 | 125.08 3.83 -34.16 | 90.07 3.32 -1.57 | 86.06 3.07 0.00 | 85.15 3.04 0.00 | 84.26 3.08 0.00 | 88.43 3.48 0.00 | 111.32 3.32 -37.44 | 137.97 3.66 -63.81 | 198.88 3.89 -124.28 | 187.92 4.02 -113.34 | 149.00 3.88 -74.57 | 141.30 3.96 -66.64 | 128.54 3.65 -54.64 | 108.30 3.59 -34.30 | 125.51 3.16 -52.24 |

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|------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|
| HILLBURN___GT 23639 | 120.37 8.31 -6.83 | 100.71 6.59 -8.48 | 94.60 5.85 -9.68 | 96.72 6.21 -4.33 | 98.38 6.11 -6.27 | 103.30 6.29 -12.01 | 112.01 7.07 -17.57 | 149.74 10.34 -14.81 | 141.98 10.29 -4.61 | 113.30 7.57 -18.63 | 95.60 7.24 -3.18 | 90.20 7.22 0.00 | 89.00 6.90 0.00 | 88.00 6.82 0.00 | 92.33 7.39 0.00 | 98.00 5.93 -21.51 | 91.54 5.92 -15.12 | 119.74 6.08 -42.94 | 103.50 6.07 -26.86 | 94.77 6.14 -18.08 | 95.48 6.22 -18.56 | 89.17 5.97 -12.95 | 84.52 5.98 -8.13 | 89.13 5.26 -13.76 |
| HILLSIDE_115KV_TB1 80332 | 104.93 -2.00 -1.71 | 86.21 -1.54 -2.12 | 79.99 -1.50 -2.42 | 85.46 -1.81 -1.08 | 85.86 -1.72 -1.57 | 87.08 -0.94 -3.00 | 90.80 -0.96 -4.39 | 125.43 -2.87 -3.70 | 125.19 -3.05 -1.15 | 87.50 -1.83 -2.24 | 83.37 -2.13 -0.31 | 80.99 -1.99 0.00 | 80.05 -2.05 0.00 | 79.15 -2.03 0.00 | 82.82 -2.12 0.00 | 71.27 -1.83 -2.54 | 72.36 -2.40 -4.26 | 74.60 -2.48 -6.35 | 76.53 -1.62 -7.59 | 76.56 -1.55 -7.56 | 80.23 -1.34 -10.88 | 77.49 -1.90 -9.14 | 71.99 -1.69 -3.27 | 71.05 -2.94 -3.89 |
| HISHELDN_WT_PWR 323625 | 100.16 -6.21 -1.15 | 82.35 -4.71 -1.42 | 76.19 -4.50 -1.62 | 81.74 -5.17 -0.73 | 82.07 -4.99 -1.05 | 83.11 -3.91 -2.01 | 85.68 -4.63 -2.95 | 117.86 -9.22 -2.48 | 118.59 -9.27 -0.77 | 82.60 -6.01 -1.51 | 78.92 -6.48 -0.21 | 76.60 -6.39 0.00 | 75.86 -6.24 0.00 | 75.01 -6.17 0.00 | 78.32 -6.63 0.00 | 66.91 -5.37 -1.71 | 66.63 -6.70 -2.84 | 69.27 -6.79 -5.34 | 68.81 -6.64 -4.89 | 51.78 -6.35 12.42 | 32.34 -5.66 32.70 | 29.65 -6.88 33.72 | 59.13 -6.34 4.94 | 65.63 -7.08 -2.60 |
| HOLTSVILLE_IC_1 23690 | 124.30 11.78 -7.29 | 107.07 11.05 -10.39 | 105.12 10.04 -16.01 | 103.81 10.68 -6.94 | 110.03 10.58 -13.45 | 116.49 11.13 -20.35 | 147.87 12.06 -48.44 | 161.43 17.68 -19.15 | 148.44 16.40 -4.95 | 119.73 12.36 -20.28 | 99.89 11.24 -3.46 | 93.77 10.78 0.00 | 91.38 9.28 0.00 | 91.00 9.82 0.00 | 95.82 10.88 0.00 | 111.05 9.59 -30.89 | 122.15 9.59 -42.07 | 139.81 10.25 -58.84 | 137.95 10.23 -57.16 | 128.63 10.16 -47.91 | 126.37 10.25 -45.42 | 118.45 9.63 -38.58 | 106.82 9.99 -26.42 | 93.28 8.55 -14.62 |
| HOLTSVILLE_IC_10 23699 | 124.92 12.41 -7.29 | 107.66 11.64 -10.38 | 105.57 10.52 -15.98 | 104.31 11.20 -6.93 | 110.53 11.10 -13.42 | 116.97 11.65 -20.31 | 148.43 12.76 -48.31 | 162.41 18.68 -19.14 | 149.32 17.28 -4.95 | 120.43 13.06 -20.28 | 100.41 11.76 -3.46 | 94.35 11.37 0.00 | 91.87 9.77 0.00 | 91.49 10.31 0.00 | 96.33 11.39 0.00 | 111.68 10.09 -31.03 | 122.73 10.15 -42.08 | 140.40 10.82 -58.86 | 138.50 10.86 -57.08 | 129.20 10.79 -47.85 | 126.90 10.82 -45.38 | 118.93 10.12 -38.56 | 107.24 10.49 -26.34 | 93.71 8.98 -14.62 |
| HOLTSVILLE_IC_2 23691 | 124.30 11.78 -7.29 | 107.07 11.05 -10.39 | 105.12 10.04 -16.01 | 103.81 10.68 -6.94 | 110.03 10.58 -13.45 | 116.49 11.13 -20.35 | 147.87 12.06 -48.44 | 161.43 17.68 -19.15 | 148.44 16.40 -4.95 | 119.73 12.36 -20.28 | 99.89 11.24 -3.46 | 93.77 10.78 0.00 | 91.38 9.28 0.00 | 91.00 9.82 0.00 | 95.82 10.88 0.00 | 111.05 9.59 -30.89 | 122.15 9.59 -42.07 | 139.81 10.25 -58.84 | 137.95 10.23 -57.16 | 128.63 10.16 -47.91 | 126.37 10.25 -45.42 | 118.45 9.63 -38.58 | 106.82 9.99 -26.42 | 93.28 8.55 -14.62 |
| HOLTSVILLE_IC_3 23692 | 124.30 11.78 -7.29 | 107.07 11.05 -10.39 | 105.12 10.04 -16.01 | 103.81 10.68 -6.94 | 110.03 10.58 -13.45 | 116.49 11.13 -20.35 | 147.87 12.06 -48.44 | 161.43 17.68 -19.15 | 148.44 16.40 -4.95 | 119.73 12.36 -20.28 | 99.89 11.24 -3.46 | 93.77 10.78 0.00 | 91.38 9.28 0.00 | 91.00 9.82 0.00 | 95.82 10.88 0.00 | 111.05 9.59 -30.89 | 122.15 9.59 -42.07 | 139.81 10.25 -58.84 | 137.95 10.23 -57.16 | 128.63 10.16 -47.91 | 126.37 10.25 -45.42 | 118.45 9.63 -38.58 | 106.82 9.99 -26.42 | 93.28 8.55 -14.62 |
| HOLTSVILLE_IC_4 23693 | 124.30 11.78 -7.29 | 107.07 11.05 -10.39 | 105.12 10.04 -16.01 | 103.81 10.68 -6.94 | 110.03 10.58 -13.45 | 116.49 11.13 -20.35 | 147.87 12.06 -48.44 | 161.43 17.68 -19.15 | 148.44 16.40 -4.95 | 119.73 12.36 -20.28 | 99.89 11.24 -3.46 | 93.77 10.78 0.00 | 91.38 9.28 0.00 | 91.00 9.82 0.00 | 95.82 10.88 0.00 | 111.05 9.59 -30.89 | 122.15 9.59 -42.07 | 139.81 10.25 -58.84 | 137.95 10.23 -57.16 | 128.63 10.16 -47.91 | 126.37 10.25 -45.42 | 118.45 9.63 -38.58 | 106.82 9.99 -26.42 | 93.28 8.55 -14.62 |
| HOLTSVILLE_IC_5 23694 | 124.30 11.78 -7.29 | 107.07 11.05 -10.39 | 105.12 10.04 -16.01 | 103.81 10.68 -6.94 | 110.03 10.58 -13.45 | 116.49 11.13 -20.35 | 147.87 12.06 -48.44 | 161.43 17.68 -19.15 | 148.44 16.40 -4.95 | 119.73 12.36 -20.28 | 99.89 11.24 -3.46 | 93.77 10.78 0.00 | 91.38 9.28 0.00 | 91.00 9.82 0.00 | 95.82 10.88 0.00 | 111.05 9.59 -30.89 | 122.15 9.59 -42.07 | 139.81 10.25 -58.84 | 137.95 10.23 -57.16 | 128.63 10.16 -47.91 | 126.37 10.25 -45.42 | 118.45 9.63 -38.58 | 106.82 9.99 -26.42 | 93.28 8.55 -14.62 |
| HOLTSVILLE_IC_6 23695 | 124.92 12.41 -7.29 | 107.66 11.64 -10.38 | 105.57 10.52 -15.98 | 104.31 11.20 -6.93 | 110.53 11.10 -13.42 | 116.97 11.65 -20.31 | 148.43 12.76 -48.31 | 162.41 18.68 -19.14 | 149.32 17.28 -4.95 | 120.43 13.06 -20.28 | 100.41 11.76 -3.46 | 94.35 11.37 0.00 | 91.87 9.77 0.00 | 91.49 10.31 0.00 | 96.33 11.39 0.00 | 111.68 10.09 -31.03 | 122.73 10.15 -42.08 | 140.40 10.82 -58.86 | 138.50 10.86 -57.08 | 129.20 10.79 -47.85 | 126.90 10.82 -45.38 | 118.93 10.12 -38.56 | 107.24 10.49 -26.34 | 93.71 8.98 -14.62 |
| HOLTSVILLE_IC_7 23696 | 124.92 12.41 -7.29 | 107.66 11.64 -10.38 | 105.57 10.52 -15.98 | 104.31 11.20 -6.93 | 110.53 11.10 -13.42 | 116.97 11.65 -20.31 | 148.43 12.76 -48.31 | 162.41 18.68 -19.14 | 149.32 17.28 -4.95 | 120.43 13.06 -20.28 | 100.41 11.76 -3.46 | 94.35 11.37 0.00 | 91.87 9.77 0.00 | 91.49 10.31 0.00 | 96.33 11.39 0.00 | 111.68 10.09 -31.03 | 122.73 10.15 -42.08 | 140.40 10.82 -58.86 | 138.50 10.86 -57.08 | 129.20 10.79 -47.85 | 126.90 10.82 -45.38 | 118.93 10.12 -38.56 | 107.24 10.49 -26.34 | 93.71 8.98 -14.62 |
| HOLTSVILLE_IC_8 23697 | 124.92 12.41 -7.29 | 107.66 11.64 -10.38 | 105.57 10.52 -15.98 | 104.31 11.20 -6.93 | 110.53 11.10 -13.42 | 116.97 11.65 -20.31 | 148.43 12.76 -48.31 | 162.41 18.68 -19.14 | 149.32 17.28 -4.95 | 120.43 13.06 -20.28 | 100.41 11.76 -3.46 | 94.35 11.37 0.00 | 91.87 9.77 0.00 | 91.49 10.31 0.00 | 96.33 11.39 0.00 | 111.68 10.09 -31.03 | 122.73 10.15 -42.08 | 140.40 10.82 -58.86 | 138.50 10.86 -57.08 | 129.20 10.79 -47.85 | 126.90 10.82 -45.38 | 118.93 10.12 -38.56 | 107.24 10.49 -26.34 | 93.71 8.98 -14.62 |
| HOLTSVILLE_IC_9 23698 | 124.92 12.41 -7.29 | 107.66 11.64 -10.38 | 105.57 10.52 -15.98 | 104.31 11.20 -6.93 | 110.53 11.10 -13.42 | 116.97 11.65 -20.31 | 148.43 12.76 -48.31 | 162.41 18.68 -19.14 | 149.32 17.28 -4.95 | 120.43 13.06 -20.28 | 100.41 11.76 -3.46 | 94.35 11.37 0.00 | 91.87 9.77 0.00 | 91.49 10.31 0.00 | 96.33 11.39 0.00 | 111.68 10.09 -31.03 | 122.73 10.15 -42.08 | 140.40 10.82 -58.86 | 138.50 10.86 -57.08 | 129.20 10.79 -47.85 | 126.90 10.82 -45.38 | 118.93 10.12 -38.56 | 107.24 10.49 -26.34 | 93.71 8.98 -14.62 |
| HOMER_HL_115KV_TB2 355744 | 101.18 -5.26 -1.21 | 83.11 -4.02 -1.50 | 76.99 -3.80 -1.72 | 82.47 -4.48 -0.77 | 82.91 -4.21 -1.11 | 83.99 -3.15 -2.13 | 86.90 -3.58 -3.12 | 119.49 -7.72 -2.63 | 120.66 -7.24 -0.82 | 84.25 -4.44 -1.60 | 80.72 -4.69 -0.22 | 78.42 -4.56 0.00 | 77.34 -4.76 0.00 | 76.39 -4.79 0.00 | 79.76 -5.18 0.00 | 68.14 -4.23 -1.81 | 67.79 -5.71 -3.01 | 70.02 -6.29 -5.60 | 73.28 -2.61 -5.32 | 70.67 -2.26 -2.38 | 69.86 -1.77 -0.93 | 66.97 -2.81 0.47 | 69.29 -2.18 -1.07 | 65.99 -6.87 -2.75 |
| HOWARD_WT_PWR 323690 | 104.70 -1.89 -1.37 | 85.80 -1.54 -1.70 | 79.27 -1.74 -1.94 | 84.81 -2.24 -0.87 | 85.29 -1.97 -1.26 | 86.65 -0.77 -2.41 | 90.37 -0.52 -3.52 | 124.82 -2.74 -2.97 | 125.34 -2.67 -0.92 | 87.06 -1.83 -1.80 | 83.05 -2.38 -0.25 | 80.57 -2.41 0.00 | 79.89 -2.21 0.00 | 79.07 -2.11 0.00 | 82.82 -2.12 0.00 | 71.05 -1.55 -2.04 | 71.49 -2.40 -3.39 | 71.80 -2.54 -3.63 | 74.64 -2.12 -6.19 | 90.22 -2.40 -22.06 | 113.99 -2.12 -45.41 | 110.65 -3.16 -43.56 | 76.26 -3.24 -9.09 | 68.58 -4.63 -3.10 |

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| HQ_GEN_CEDARS 23644 | 103.33 -1.89 0.00 | 84.27 -1.37 0.00 | 78.36 -0.71 0.00 | 85.06 -1.12 0.00 | 84.72 -1.29 0.00 | 83.05 -1.96 0.00 | 84.40 -2.97 0.00 | 120.48 -4.11 0.00 | 122.89 -4.19 0.00 | 84.22 -2.87 0.00 | 82.71 -2.47 0.00 | 80.41 -2.57 0.00 | 79.89 -2.22 0.00 | 78.99 -2.19 0.00 | 82.14 -2.80 0.00 | 69.01 -1.55 0.00 | 69.02 -1.48 0.00 | 68.95 -1.77 0.00 | 68.94 -1.62 0.00 | 68.79 -1.76 0.00 | 68.79 -1.91 0.00 | 69.13 -1.12 0.00 | 69.14 -1.27 0.00 | 69.34 -0.77 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 103.33 -1.89 0.00 | 84.26 -1.37 0.00 | 78.36 -0.71 0.00 | 85.06 -1.12 0.00 | 84.72 -1.29 0.00 | 82.97 -2.04 0.00 | 84.57 -2.80 0.00 | 120.48 -4.11 0.00 | 122.90 -4.19 0.00 | 84.22 -2.87 0.00 | 83.14 -2.05 0.00 | 80.41 -2.57 0.00 | 79.72 -2.38 0.00 | 78.99 -2.19 0.00 | 82.14 -2.80 0.00 | 69.01 -1.55 0.00 | 69.01 -1.48 0.00 | 68.95 -1.77 0.00 | 68.87 -1.69 0.00 | 68.86 -1.69 0.00 | 68.72 -1.98 0.00 | 69.13 -1.13 0.00 | 69.14 -1.27 0.00 | 69.34 -0.77 0.00 |
| HQ_GEN_IMPORT 323601 | 103.44 -1.79 0.00 | 84.26 -1.37 0.00 | 77.96 -1.11 0.00 | 85.06 -1.12 0.00 | 84.81 -1.20 0.00 | 83.39 -1.62 0.00 | 85.00 -2.10 0.27 | 122.10 -2.49 0.00 | 124.55 -2.54 0.00 | 85.00 -2.09 0.00 | 83.39 -1.79 0.00 | 81.08 -1.91 0.00 | 70.00 -1.89 10.22 | 70.30 -1.86 9.02 | 74.40 -2.04 8.50 | 69.22 -1.34 0.00 | 69.23 -1.27 0.00 | 69.23 -1.49 0.00 | 69.22 -1.34 0.00 | 69.21 -1.34 0.00 | 69.21 -1.49 0.00 | 69.20 -1.05 0.00 | 69.21 -1.20 0.00 | 69.20 -0.91 0.00 |
| HQ_GEN_WHEEL 23651 | 103.44 -1.79 0.00 | 84.26 -1.37 0.00 | 77.96 -1.11 0.00 | 85.06 -1.12 0.00 | 84.81 -1.20 0.00 | 83.39 -1.62 0.00 | 85.00 -2.10 0.27 | 122.10 -2.49 0.00 | 124.55 -2.54 0.00 | 85.00 -2.09 0.00 | 83.39 -1.79 0.00 | 81.08 -1.91 0.00 | 70.00 -1.89 10.22 | 70.30 -1.86 9.02 | 74.40 -2.04 8.50 | 69.22 -1.34 0.00 | 69.23 -1.27 0.00 | 69.23 -1.49 0.00 | 69.22 -1.34 0.00 | 69.21 -1.34 0.00 | 69.21 -1.49 0.00 | 69.20 -1.05 0.00 | 69.21 -1.20 0.00 | 69.20 -0.91 0.00 |
| HUDSON AVE_GT_3 23810 | 122.82 10.31 -7.29 | 102.55 7.88 -9.04 | 96.51 7.12 -10.32 | 98.30 7.50 -4.62 | 100.00 7.31 -6.68 | 105.21 7.40 -12.80 | 114.40 8.30 -18.73 | 152.72 12.33 -15.80 | 144.58 12.58 -4.91 | 116.58 9.23 -20.26 | 97.59 8.94 -3.47 | 91.86 8.88 0.00 | 90.64 8.54 0.00 | 89.62 8.44 0.00 | 94.03 9.09 0.00 | 101.23 7.27 -23.40 | 93.77 7.19 -16.08 | 122.98 7.35 -44.91 | 106.47 7.34 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.33 7.31 -13.77 | 86.45 7.39 -8.65 | 91.31 6.59 -14.61 |
| HUDSON AVE_GT_4 23540 | 122.82 10.31 -7.29 | 102.55 7.88 -9.04 | 96.51 7.12 -10.32 | 98.30 7.50 -4.62 | 100.00 7.31 -6.68 | 105.21 7.40 -12.80 | 114.40 8.30 -18.73 | 152.72 12.33 -15.80 | 144.58 12.58 -4.91 | 116.58 9.23 -20.26 | 97.59 8.94 -3.47 | 91.86 8.88 0.00 | 90.64 8.54 0.00 | 89.62 8.44 0.00 | 94.03 9.09 0.00 | 101.23 7.27 -23.40 | 93.77 7.19 -16.08 | 122.98 7.35 -44.91 | 106.47 7.34 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.33 7.31 -13.77 | 86.45 7.39 -8.65 | 91.31 6.59 -14.61 |
| HUDSON AVE_GT_5 23657 | 122.82 10.31 -7.29 | 102.55 7.88 -9.04 | 96.51 7.12 -10.32 | 98.30 7.50 -4.62 | 100.00 7.31 -6.68 | 105.21 7.40 -12.80 | 114.40 8.30 -18.73 | 152.72 12.33 -15.80 | 144.58 12.58 -4.91 | 116.58 9.23 -20.26 | 97.59 8.94 -3.47 | 91.86 8.88 0.00 | 90.64 8.54 0.00 | 89.62 8.44 0.00 | 94.03 9.09 0.00 | 101.23 7.27 -23.40 | 93.77 7.19 -16.08 | 122.98 7.35 -44.91 | 106.47 7.34 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.33 7.31 -13.77 | 86.45 7.39 -8.65 | 91.31 6.59 -14.61 |
| HUDSON_AVE_10 24168 | 122.40 9.89 -7.29 | 102.21 7.54 -9.04 | 96.11 6.72 -10.32 | 97.87 7.07 -4.62 | 99.57 6.88 -6.68 | 104.78 6.97 -12.80 | 114.05 7.95 -18.73 | 152.22 11.84 -15.80 | 144.07 12.07 -4.91 | 116.32 8.97 -20.26 | 97.17 8.52 -3.47 | 91.45 8.46 0.00 | 90.23 8.13 0.00 | 89.22 8.04 0.00 | 93.61 8.66 0.00 | 100.88 6.92 -23.40 | 93.49 6.91 -16.08 | 122.70 7.07 -44.91 | 106.12 6.99 -28.57 | 96.90 7.13 -19.22 | 97.60 7.21 -19.69 | 90.98 6.95 -13.77 | 86.16 7.11 -8.65 | 91.03 6.31 -14.61 |
| HUDSON___115KV_TB 4 355613 | 132.94 7.16 -20.56 | 116.87 5.74 -25.50 | 113.41 5.22 -29.13 | 104.82 5.60 -13.03 | 110.45 5.59 -18.85 | 126.74 5.61 -36.12 | 145.73 5.50 -52.85 | 176.63 7.48 -44.57 | 148.32 7.37 -13.86 | 108.97 5.14 -16.74 | 91.23 4.77 -1.28 | 87.80 4.81 0.00 | 86.95 4.84 0.00 | 85.97 4.79 0.00 | 90.12 5.18 0.00 | 93.40 4.30 -18.53 | 106.66 3.67 -32.49 | 148.92 3.82 -74.39 | 132.09 3.81 -57.71 | 112.60 3.74 -38.31 | 110.75 3.82 -36.24 | 101.87 3.79 -27.82 | 91.82 3.94 -17.47 | 102.21 4.35 -27.75 |
| HUNTER MOUNT___DRP 323613 | 130.13 7.05 -17.86 | 113.52 5.74 -22.15 | 109.59 5.22 -25.30 | 103.11 5.60 -11.32 | 107.89 5.50 -16.38 | 122.08 5.70 -31.38 | 138.96 5.68 -45.91 | 171.03 7.72 -38.71 | 146.50 7.37 -12.04 | 108.38 5.14 -16.15 | 91.16 4.51 -1.46 | 87.80 4.81 0.00 | 87.03 4.93 0.00 | 86.05 4.87 0.00 | 90.21 5.27 0.00 | 93.22 4.66 -18.00 | 103.20 3.52 -29.18 | 143.17 3.75 -68.70 | 126.06 3.67 -51.83 | 108.62 3.60 -34.47 | 107.40 3.75 -32.96 | 98.89 3.65 -24.99 | 89.90 3.80 -15.69 | 99.30 4.07 -25.12 |
| HUNTINGTON_RES_REC 323705 | 123.98 11.47 -7.29 | 106.54 10.53 -10.38 | 104.60 9.56 -15.96 | 103.27 10.16 -6.92 | 109.47 10.06 -13.40 | 115.84 10.54 -20.29 | 147.04 11.44 -48.23 | 159.91 16.19 -19.13 | 147.66 15.63 -4.95 | 119.30 11.93 -20.28 | 99.64 10.99 -3.46 | 93.44 10.46 0.00 | 91.21 9.11 0.00 | 90.67 9.49 0.00 | 95.39 10.44 0.00 | 110.82 9.24 -31.02 | 121.67 9.16 -42.02 | 138.96 9.41 -58.83 | 136.93 9.39 -56.98 | 127.79 9.46 -47.78 | 125.63 9.61 -45.32 | 118.09 9.34 -38.50 | 106.27 9.57 -26.29 | 92.86 8.13 -14.62 |
| HUNTLEY___63 23557 | 97.96 -7.26 0.00 | 80.33 -5.31 0.00 | 74.17 -4.90 0.00 | 80.49 -5.69 0.00 | 80.51 -5.50 0.00 | 80.59 -4.42 0.00 | 81.78 -5.59 0.00 | 113.38 -11.21 0.00 | 115.52 -11.56 0.00 | 80.59 -7.14 -0.65 | 78.21 -7.16 -0.18 | 76.01 -6.97 0.00 | 74.96 -7.14 0.00 | 74.04 -7.14 0.00 | 77.21 -7.73 0.00 | 64.90 -6.42 -0.76 | 64.84 -8.11 -2.45 | 67.90 -7.85 -5.03 | 66.69 -8.19 -4.31 | 61.14 -7.48 1.93 | 56.11 -6.50 8.09 | 53.62 -7.45 9.19 | 63.15 -6.55 0.70 | 65.64 -6.73 -2.25 |
| HUNTLEY___64 23558 | 97.96 -7.26 0.00 | 80.33 -5.31 0.00 | 74.17 -4.90 0.00 | 80.49 -5.69 0.00 | 80.51 -5.50 0.00 | 80.59 -4.42 0.00 | 81.78 -5.59 0.00 | 113.38 -11.21 0.00 | 115.52 -11.56 0.00 | 80.59 -7.14 -0.65 | 78.21 -7.16 -0.18 | 76.01 -6.97 0.00 | 74.96 -7.14 0.00 | 74.04 -7.14 0.00 | 77.21 -7.73 0.00 | 64.90 -6.42 -0.76 | 64.84 -8.11 -2.45 | 67.90 -7.85 -5.03 | 66.69 -8.19 -4.31 | 61.14 -7.48 1.93 | 56.11 -6.50 8.09 | 53.62 -7.45 9.19 | 63.15 -6.55 0.70 | 65.64 -6.73 -2.25 |
| HUNTLEY___65 23559 | 97.96 -7.26 0.00 | 80.33 -5.31 0.00 | 74.17 -4.90 0.00 | 80.49 -5.69 0.00 | 80.51 -5.50 0.00 | 80.59 -4.42 0.00 | 81.78 -5.59 0.00 | 113.38 -11.21 0.00 | 115.52 -11.56 0.00 | 80.59 -7.14 -0.65 | 78.21 -7.16 -0.18 | 76.01 -6.97 0.00 | 74.96 -7.14 0.00 | 74.04 -7.14 0.00 | 77.21 -7.73 0.00 | 64.90 -6.42 -0.76 | 64.84 -8.11 -2.45 | 67.90 -7.85 -5.03 | 66.69 -8.19 -4.31 | 61.14 -7.48 1.93 | 56.11 -6.50 8.09 | 53.62 -7.45 9.19 | 63.15 -6.55 0.70 | 65.64 -6.73 -2.25 |
| HUNTLEY___66 23560 | 97.96 -7.26 0.00 | 80.33 -5.31 0.00 | 74.17 -4.90 0.00 | 80.49 -5.69 0.00 | 80.51 -5.50 0.00 | 80.59 -4.42 0.00 | 81.78 -5.59 0.00 | 113.38 -11.21 0.00 | 115.52 -11.56 0.00 | 80.59 -7.14 -0.65 | 78.21 -7.16 -0.18 | 76.01 -6.97 0.00 | 74.96 -7.14 0.00 | 74.04 -7.14 0.00 | 77.21 -7.73 0.00 | 64.90 -6.42 -0.76 | 64.84 -8.11 -2.45 | 67.90 -7.85 -5.03 | 66.69 -8.19 -4.31 | 61.14 -7.48 1.93 | 56.11 -6.50 8.09 | 53.62 -7.45 9.19 | 63.15 -6.55 0.70 | 65.64 -6.73 -2.25 |

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|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| HUNTLEY___67 23561 | 97.65 -7.58 0.00 | 79.98 -5.65 0.00 | 73.85 -5.22 0.00 | 80.15 -6.03 0.00 | 80.16 -5.85 0.00 | 80.25 -4.76 0.00 | 81.51 -5.85 0.00 | 113.13 -11.46 0.00 | 115.27 -11.82 0.00 | 80.43 -7.32 -0.66 | 77.96 -7.41 -0.19 | 75.85 -7.14 0.00 | 74.80 -7.31 0.00 | 73.79 -7.39 0.00 | 77.04 -7.90 0.00 | 64.77 -6.56 -0.77 | 64.82 -8.18 -2.50 | 67.82 -7.99 -5.09 | 66.77 -8.19 -4.39 | 60.33 -7.69 2.53 | 54.35 -6.79 9.56 | 51.17 -7.87 11.22 | 62.32 -7.04 1.04 | 65.40 -7.01 -2.30 |
| HUNTLEY___68 23562 | 97.65 -7.58 0.00 | 79.98 -5.65 0.00 | 73.85 -5.22 0.00 | 80.15 -6.03 0.00 | 80.16 -5.85 0.00 | 80.25 -4.76 0.00 | 81.51 -5.85 0.00 | 113.13 -11.46 0.00 | 115.27 -11.82 0.00 | 80.43 -7.32 -0.66 | 77.96 -7.41 -0.19 | 75.85 -7.14 0.00 | 74.80 -7.31 0.00 | 73.79 -7.39 0.00 | 77.04 -7.90 0.00 | 64.77 -6.56 -0.77 | 64.82 -8.18 -2.50 | 67.82 -7.99 -5.09 | 66.77 -8.19 -4.39 | 60.33 -7.69 2.53 | 54.35 -6.79 9.56 | 51.17 -7.87 11.22 | 62.32 -7.04 1.04 | 65.40 -7.01 -2.30 |
| HYLAND___LFGE 323620 | 107.70 1.36 -1.12 | 88.38 1.37 -1.38 | 81.76 1.11 -1.58 | 87.84 0.95 -0.71 | 88.33 1.29 -1.02 | 89.34 2.38 -1.96 | 93.03 2.80 -2.87 | 122.02 -4.99 -2.42 | 122.38 -5.46 -0.75 | 85.08 -3.49 -1.47 | 80.87 -4.52 -0.20 | 78.26 -4.73 0.00 | 77.34 -4.76 0.00 | 76.56 -4.62 0.00 | 80.19 -4.76 0.00 | 68.63 -3.60 -1.67 | 69.58 -3.67 -2.75 | 71.99 -3.39 -4.66 | 71.90 -3.74 -5.08 | 90.50 -3.39 -23.33 | 120.54 0.56 -49.28 | 117.14 -0.77 -47.66 | 79.28 -0.70 -9.58 | 71.66 -0.98 -2.52 |
| INDECK___CORINTH 23802 | 156.81 4.42 -47.16 | 147.31 3.17 -58.50 | 148.82 2.93 -66.82 | 119.27 3.19 -29.90 | 132.44 3.18 -43.25 | 171.19 3.31 -82.87 | 212.56 3.94 -121.26 | 232.44 5.61 -102.24 | 164.73 5.85 -31.79 | 126.89 6.27 -33.53 | 92.81 5.96 -1.66 | 88.88 5.89 0.00 | 87.94 5.83 0.00 | 86.94 5.76 0.00 | 91.06 6.12 0.00 | 112.66 5.29 -36.80 | 135.82 3.45 -61.87 | 194.58 3.53 -120.33 | 184.12 3.67 -109.89 | 146.30 3.46 -72.29 | 138.81 3.53 -64.58 | 126.39 3.16 -52.97 | 106.69 3.03 -33.26 | 123.41 2.66 -50.63 |
| INDECK___ILION 23567 | 108.38 3.16 0.00 | 88.20 2.57 0.00 | 81.36 2.29 0.00 | 88.68 2.50 0.00 | 88.59 2.58 0.00 | 87.73 2.72 0.00 | 90.34 2.97 0.00 | 128.70 4.11 0.00 | 131.28 4.19 0.00 | 89.97 2.87 0.00 | 87.82 2.64 0.00 | 85.72 2.74 0.00 | 84.73 2.63 0.00 | 83.78 2.60 0.00 | 87.75 2.80 0.00 | 72.68 2.12 0.00 | 72.68 2.19 0.00 | 72.91 2.19 0.00 | 72.75 2.19 0.00 | 72.67 2.12 0.00 | 72.82 2.12 0.00 | 72.22 1.97 0.00 | 72.38 1.97 0.00 | 71.87 1.75 0.00 |
| INDECK___OLEAN 23982 | 101.18 -5.26 -1.21 | 83.12 -4.02 -1.50 | 76.99 -3.79 -1.72 | 82.47 -4.49 -0.77 | 82.91 -4.21 -1.11 | 83.99 -3.14 -2.13 | 86.90 -3.59 -3.12 | 119.49 -7.72 -2.63 | 120.79 -7.11 -0.82 | 84.25 -4.44 -1.60 | 80.55 -4.85 -0.22 | 78.17 -4.82 0.00 | 77.34 -4.76 0.00 | 76.39 -4.79 0.00 | 79.76 -5.18 0.00 | 68.14 -4.23 -1.81 | 67.86 -5.64 -3.01 | 70.12 -6.22 -5.63 | 73.35 -2.54 -5.32 | 70.60 -2.33 -2.38 | 69.93 -1.70 -0.93 | 66.97 -2.81 0.47 | 69.29 -2.18 -1.07 | 66.00 -6.87 -2.75 |
| INDECK___OSWEGO 23783 | 100.91 -4.32 0.00 | 82.04 -3.59 0.00 | 75.82 -3.25 0.00 | 82.57 -3.62 0.00 | 82.48 -3.53 0.00 | 81.69 -3.32 0.00 | 84.14 -3.23 0.00 | 119.86 -4.73 0.00 | 122.26 -4.83 0.00 | 83.78 -3.31 0.00 | 81.86 -3.32 0.00 | 79.83 -3.15 0.00 | 78.99 -3.12 0.00 | 78.10 -3.08 0.00 | 81.72 -3.23 0.00 | 68.37 -2.19 0.00 | 68.24 -2.26 0.00 | 70.20 -2.12 -1.60 | 68.30 -2.26 0.00 | 68.41 -2.19 -0.05 | 68.90 -2.12 -0.32 | 67.86 -2.39 0.00 | 68.15 -2.26 0.00 | 68.03 -2.25 -0.16 |
| INDECK___YERKES 23781 | 98.07 -7.16 0.00 | 80.41 -5.23 0.00 | 74.24 -4.83 0.00 | 80.58 -5.60 0.00 | 80.59 -5.42 0.00 | 80.68 -4.33 0.00 | 81.87 -5.50 0.00 | 113.50 -11.09 0.00 | 115.90 -11.18 0.00 | 80.68 -7.05 -0.65 | 77.87 -7.50 -0.18 | 75.68 -7.30 0.00 | 75.04 -7.06 0.00 | 74.04 -7.14 0.00 | 77.21 -7.73 0.00 | 64.97 -6.35 -0.76 | 64.91 -8.04 -2.45 | 67.99 -7.78 -5.05 | 66.83 -8.05 -4.31 | 61.28 -7.34 1.93 | 56.39 -6.22 8.09 | 53.69 -7.38 9.19 | 63.23 -6.48 0.70 | 65.63 -6.73 -2.25 |
| INDIAN POINT_GT_1 24139 | 121.25 8.84 -7.19 | 101.49 6.94 -8.92 | 95.50 6.25 -10.19 | 97.38 6.64 -4.56 | 99.06 6.45 -6.59 | 104.27 6.63 -12.64 | 113.37 7.51 -18.49 | 151.02 10.84 -15.59 | 142.86 10.93 -4.85 | 115.03 8.01 -19.93 | 96.34 7.75 -3.41 | 90.62 7.63 0.00 | 89.41 7.31 0.00 | 88.41 7.23 0.00 | 92.76 7.81 0.00 | 99.86 6.28 -23.01 | 92.66 6.27 -15.89 | 121.54 6.44 -44.39 | 105.21 6.42 -28.22 | 96.03 6.49 -18.99 | 96.73 6.57 -19.46 | 90.18 6.32 -13.61 | 85.29 6.34 -8.54 | 90.23 5.68 -14.43 |
| INDIAN POINT_GT_2 23659 | 121.25 8.84 -7.19 | 101.49 6.94 -8.92 | 95.50 6.25 -10.19 | 97.38 6.64 -4.56 | 99.06 6.45 -6.59 | 104.27 6.63 -12.64 | 113.37 7.51 -18.49 | 151.02 10.84 -15.59 | 142.86 10.93 -4.85 | 115.03 8.01 -19.93 | 96.34 7.75 -3.41 | 90.62 7.63 0.00 | 89.41 7.31 0.00 | 88.41 7.23 0.00 | 92.76 7.81 0.00 | 99.86 6.28 -23.01 | 92.66 6.27 -15.89 | 121.54 6.44 -44.39 | 105.21 6.42 -28.22 | 96.03 6.49 -18.99 | 96.73 6.57 -19.46 | 90.18 6.32 -13.61 | 85.29 6.34 -8.54 | 90.23 5.68 -14.43 |
| INDIAN POINT_GT_3 24019 | 121.25 8.84 -7.19 | 101.49 6.94 -8.92 | 95.50 6.25 -10.19 | 97.38 6.64 -4.56 | 99.06 6.45 -6.59 | 104.27 6.63 -12.64 | 113.37 7.51 -18.49 | 151.02 10.84 -15.59 | 142.86 10.93 -4.85 | 115.03 8.01 -19.93 | 96.34 7.75 -3.41 | 90.62 7.63 0.00 | 89.41 7.31 0.00 | 88.41 7.23 0.00 | 92.76 7.81 0.00 | 99.86 6.28 -23.01 | 92.66 6.27 -15.89 | 121.54 6.44 -44.39 | 105.21 6.42 -28.22 | 96.03 6.49 -18.99 | 96.73 6.57 -19.46 | 90.18 6.32 -13.61 | 85.29 6.34 -8.54 | 90.23 5.68 -14.43 |
| INDIAN POINT___2 23530 | 120.80 8.52 -7.05 | 101.15 6.76 -8.75 | 95.07 6.01 -9.99 | 97.03 6.38 -4.47 | 98.75 6.28 -6.47 | 103.78 6.38 -12.39 | 112.75 7.25 -18.13 | 150.35 10.47 -15.29 | 142.38 10.54 -4.76 | 114.27 7.75 -19.43 | 96.00 7.50 -3.32 | 90.37 7.38 0.00 | 89.25 7.14 0.00 | 88.16 6.98 0.00 | 92.50 7.56 0.00 | 99.07 6.07 -22.44 | 92.15 6.06 -15.59 | 121.11 6.22 -44.16 | 104.47 6.21 -27.70 | 95.47 6.28 -18.64 | 96.18 6.37 -19.11 | 89.71 6.11 -13.35 | 84.91 6.12 -8.38 | 89.76 5.47 -14.17 |
| INDIAN POINT___3 23531 | 120.78 8.42 -7.14 | 101.17 6.68 -8.86 | 95.20 6.01 -10.12 | 97.00 6.29 -4.53 | 98.75 6.19 -6.55 | 103.93 6.38 -12.55 | 112.89 7.16 -18.36 | 150.41 10.34 -15.48 | 142.32 10.42 -4.81 | 114.50 7.66 -19.75 | 95.97 7.41 -3.38 | 90.29 7.30 0.00 | 89.08 6.98 0.00 | 88.08 6.90 0.00 | 92.42 7.47 0.00 | 99.37 6.00 -22.81 | 92.27 5.99 -15.78 | 120.98 6.15 -44.11 | 104.74 6.14 -28.03 | 95.63 6.21 -18.86 | 96.32 6.29 -19.33 | 89.81 6.04 -13.51 | 85.02 6.13 -8.49 | 89.85 5.40 -14.34 |
| INGHAM_C_115KV_TB7 356103 | 111.22 6.00 0.00 | 90.43 4.80 0.00 | 83.50 4.43 0.00 | 90.92 4.74 0.00 | 90.83 4.82 0.00 | 90.02 5.02 0.00 | 92.70 5.33 0.00 | 131.94 7.35 0.00 | 134.59 7.50 0.00 | 92.23 5.14 0.00 | 90.04 4.86 0.00 | 87.80 4.81 0.00 | 86.79 4.68 0.00 | 85.81 4.63 0.00 | 89.87 4.93 0.00 | 74.44 3.88 0.00 | 74.37 3.88 0.00 | 74.61 3.89 0.00 | 74.44 3.88 0.00 | 74.29 3.74 0.00 | 74.37 3.68 0.00 | 73.76 3.51 0.00 | 73.86 3.45 0.00 | 73.27 3.16 0.00 |
| IP CORINTH___1 23988 | 157.44 5.05 -47.16 | 147.82 3.68 -58.50 | 149.29 3.40 -66.82 | 119.79 3.71 -29.90 | 132.87 3.61 -43.25 | 171.71 3.83 -82.87 | 213.08 4.46 -121.26 | 233.19 6.35 -102.24 | 165.49 6.61 -31.79 | 126.89 6.27 -33.53 | 92.81 5.96 -1.66 | 88.79 5.81 0.00 | 87.85 5.75 0.00 | 86.94 5.76 0.00 | 91.06 6.12 0.00 | 112.66 5.29 -36.80 | 136.17 3.81 -61.87 | 194.98 3.96 -120.30 | 184.47 4.02 -109.89 | 146.73 3.88 -72.29 | 139.10 3.82 -64.58 | 126.81 3.58 -52.97 | 107.05 3.38 -33.26 | 123.76 3.01 -50.63 |

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| IP__TICONDEROGA 23804 | 160.39 8.42 -46.74 | 149.79 6.17 -57.98 | 150.99 5.69 -66.23 | 121.94 6.12 -29.64 | 134.98 6.11 -42.87 | 173.61 6.46 -82.14 | 214.98 7.43 -120.18 | 236.64 10.71 -101.34 | 169.66 11.06 -31.51 | 128.86 8.45 -33.32 | 94.86 8.01 -1.67 | 90.78 7.80 0.00 | 89.91 7.80 0.00 | 88.89 7.71 0.00 | 92.93 7.98 0.00 | 114.42 7.27 -36.59 | 137.96 6.06 -61.40 | 196.71 6.44 -119.56 | 186.12 6.49 -109.06 | 148.59 6.28 -71.76 | 140.98 6.15 -64.13 | 128.45 5.62 -52.58 | 108.77 5.35 -33.01 | 125.22 4.84 -50.27 |
| ISLIP_RES_REC 323679 | 125.35 12.83 -7.29 | 108.00 11.99 -10.38 | 105.95 10.92 -15.96 | 104.74 11.63 -6.92 | 110.94 11.53 -13.40 | 117.45 12.16 -20.29 | 148.79 13.19 -48.22 | 163.28 19.56 -19.13 | 150.07 18.04 -4.95 | 120.95 13.58 -20.28 | 100.92 12.27 -3.46 | 94.76 11.78 0.00 | 92.20 10.10 0.00 | 91.89 10.71 0.00 | 96.75 11.80 0.00 | 112.20 10.52 -31.12 | 123.10 10.51 -42.09 | 140.91 11.31 -58.88 | 138.87 11.29 -57.02 | 129.58 11.22 -47.81 | 127.30 11.24 -45.36 | 119.27 10.47 -38.55 | 107.53 10.84 -26.29 | 94.06 9.33 -14.62 |
| JAMAICA__27_KV_LOAD 355505 | 122.51 10.00 -7.29 | 102.30 7.62 -9.04 | 96.19 6.80 -10.32 | 97.87 7.07 -4.62 | 99.57 6.88 -6.68 | 104.95 7.14 -12.80 | 114.31 8.21 -18.73 | 152.72 12.33 -15.80 | 144.71 12.71 -4.91 | 116.67 9.32 -20.26 | 97.17 8.52 -3.47 | 91.45 8.46 0.00 | 90.15 8.05 0.00 | 89.22 8.04 0.00 | 93.52 8.58 0.00 | 100.88 6.92 -23.40 | 93.56 6.98 -16.08 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.05 7.03 -13.77 | 86.45 7.39 -8.65 | 91.17 6.45 -14.61 |
| JANIS__SOLAR 323808 | 113.61 5.89 -2.49 | 93.35 4.62 -3.09 | 86.71 4.11 -3.53 | 92.24 4.48 -1.58 | 93.02 4.73 -2.28 | 95.25 5.86 -4.38 | 100.33 6.56 -6.41 | 138.97 8.98 -5.40 | 137.53 8.76 -1.68 | 95.69 5.75 -2.85 | 90.39 4.85 -0.35 | 87.46 4.48 0.00 | 86.21 4.10 0.00 | 85.32 4.14 0.00 | 89.53 4.58 0.00 | 77.94 4.16 -3.21 | 80.20 4.30 -5.41 | 95.36 4.46 -20.18 | 85.04 4.87 -9.62 | 82.94 4.58 -7.80 | 84.77 4.53 -9.54 | 81.69 3.72 -7.71 | 77.45 3.59 -3.46 | 77.57 2.66 -4.80 |
| JARVIS____ 23743 | 106.28 1.05 0.00 | 86.49 0.86 0.00 | 79.78 0.71 0.00 | 86.96 0.77 0.00 | 86.78 0.77 0.00 | 85.94 0.94 0.00 | 88.42 1.05 0.00 | 125.96 1.37 0.00 | 128.49 1.40 0.00 | 88.14 1.05 0.00 | 86.12 0.94 0.00 | 83.98 1.00 0.00 | 83.09 0.99 0.00 | 82.16 0.98 0.00 | 85.97 1.02 0.00 | 71.27 0.71 0.00 | 71.20 0.70 0.00 | 71.43 0.71 0.00 | 71.27 0.71 0.00 | 71.26 0.71 0.00 | 71.40 0.71 0.00 | 70.81 0.56 0.00 | 71.11 0.70 0.00 | 70.67 0.56 0.00 |
| JENNISON__1 23625 | 115.69 6.52 -3.94 | 95.58 5.05 -4.89 | 89.24 4.59 -5.59 | 93.60 4.91 -2.50 | 94.96 5.33 -3.62 | 98.31 6.38 -6.93 | 104.58 7.08 -10.14 | 142.86 9.72 -8.55 | 139.40 9.66 -2.66 | 97.81 6.53 -4.19 | 91.46 5.79 -0.48 | 88.54 5.56 0.00 | 87.28 5.17 0.00 | 86.46 5.28 0.00 | 90.55 5.61 0.00 | 80.20 4.94 -4.70 | 83.33 4.86 -7.97 | 96.49 4.88 -20.89 | 90.07 5.36 -14.15 | 85.01 5.01 -9.45 | 84.85 4.95 -9.20 | 81.36 4.29 -6.82 | 78.84 4.15 -4.28 | 80.14 3.08 -6.94 |
| JENNISON__2 23626 | 115.69 6.52 -3.94 | 95.58 5.05 -4.89 | 89.24 4.59 -5.59 | 93.60 4.91 -2.50 | 94.96 5.33 -3.62 | 98.31 6.38 -6.93 | 104.58 7.08 -10.14 | 142.86 9.72 -8.55 | 139.40 9.66 -2.66 | 97.81 6.53 -4.19 | 91.46 5.79 -0.48 | 88.54 5.56 0.00 | 87.28 5.17 0.00 | 86.46 5.28 0.00 | 90.55 5.61 0.00 | 80.20 4.94 -4.70 | 83.33 4.86 -7.97 | 96.49 4.88 -20.89 | 90.07 5.36 -14.15 | 85.01 5.01 -9.45 | 84.85 4.95 -9.20 | 81.36 4.29 -6.82 | 78.84 4.15 -4.28 | 80.14 3.08 -6.94 |
| JERICHO_RISE_WT_PWR 323719 | 104.07 -1.16 0.00 | 84.78 -0.86 0.00 | 78.60 -0.47 0.00 | 85.58 -0.60 0.00 | 85.23 -0.78 0.00 | 83.64 -1.36 0.00 | 85.10 -2.27 0.00 | 121.35 -3.24 0.00 | 123.78 -3.30 0.00 | 84.92 -2.17 0.00 | 83.48 -1.70 0.00 | 80.99 -1.99 0.00 | 80.13 -1.97 0.00 | 79.32 -1.86 0.00 | 82.73 -2.21 0.00 | 69.36 -1.20 0.00 | 69.44 -1.06 0.00 | 69.23 -1.49 0.00 | 69.01 -1.55 0.00 | 68.93 -1.62 0.00 | 68.72 -1.98 0.00 | 68.85 -1.40 0.00 | 68.65 -1.76 0.00 | 68.99 -1.12 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 122.34 9.68 -7.43 | 102.56 7.71 -9.22 | 96.56 6.96 -10.53 | 98.22 7.33 -4.71 | 100.14 7.31 -6.82 | 105.55 7.48 -13.06 | 115.04 8.56 -19.11 | 153.16 12.46 -16.11 | 144.43 12.33 -5.01 | 116.57 8.88 -20.60 | 97.31 8.60 -3.52 | 91.37 8.38 0.00 | 90.07 7.96 0.00 | 89.05 7.87 0.00 | 93.44 8.49 0.00 | 101.13 6.77 -23.79 | 93.65 6.84 -16.32 | 123.44 7.21 -45.50 | 106.60 7.06 -28.98 | 97.18 7.13 -19.50 | 97.95 7.28 -19.97 | 91.11 6.88 -13.97 | 86.22 7.04 -8.77 | 91.17 6.24 -14.81 |
| KCE_NY_1 323755 | 158.12 6.74 -46.16 | 148.20 5.31 -57.25 | 149.37 4.90 -65.40 | 120.70 5.26 -29.26 | 133.50 5.16 -42.33 | 171.47 5.36 -81.10 | 211.89 5.85 -118.67 | 232.74 8.09 -100.06 | 166.46 8.26 -31.12 | 126.23 6.09 -33.04 | 92.66 5.80 -1.68 | 88.63 5.65 0.00 | 87.69 5.59 0.00 | 86.78 5.60 0.00 | 90.89 5.94 0.00 | 111.86 5.01 -36.29 | 135.97 4.72 -60.75 | 194.13 4.88 -118.54 | 183.40 4.94 -107.90 | 146.42 4.86 -71.00 | 139.14 4.95 -63.49 | 126.90 4.64 -52.02 | 107.71 4.65 -32.66 | 124.15 4.28 -49.76 |
| KCE_NY_6_ESR 323823 | 99.76 -6.52 -1.06 | 82.08 -4.88 -1.32 | 76.07 -4.50 -1.51 | 81.51 -5.34 -0.67 | 81.91 -5.07 -0.97 | 82.97 -3.91 -1.87 | 85.29 -4.81 -2.73 | 117.05 -9.85 -2.30 | 117.89 -9.91 -0.72 | 82.31 -6.18 -1.40 | 78.73 -6.64 -0.20 | 76.43 -6.56 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.96 0.00 | 66.44 -5.71 -1.59 | 65.86 -7.26 -2.62 | 68.77 -7.21 -5.27 | 68.53 -6.64 -4.60 | 61.64 -6.14 2.77 | 55.27 -5.16 10.27 | 52.10 -6.61 11.54 | 63.58 -5.77 1.06 | 65.72 -6.80 -2.41 |
| KEDC_PORT_JEFF_GT2 24210 | 124.82 12.31 -7.29 | 107.57 11.56 -10.38 | 105.49 10.44 -15.99 | 104.24 11.12 -6.93 | 110.45 11.01 -13.43 | 116.89 11.56 -20.32 | 148.30 12.58 -48.35 | 162.17 18.44 -19.14 | 149.18 17.15 -4.95 | 120.35 12.98 -20.28 | 100.32 11.67 -3.46 | 94.27 11.28 0.00 | 91.79 9.68 0.00 | 91.41 10.23 0.00 | 96.24 11.30 0.00 | 111.56 10.02 -30.98 | 122.57 10.01 -42.07 | 140.31 10.75 -58.85 | 138.39 10.72 -57.10 | 129.07 10.65 -47.86 | 126.83 10.74 -45.39 | 118.85 10.05 -38.56 | 107.19 10.42 -26.36 | 93.64 8.91 -14.62 |
| KEDC_PORT_JEFF_GT3 24211 | 124.82 12.31 -7.29 | 107.57 11.56 -10.38 | 105.49 10.44 -15.99 | 104.24 11.12 -6.93 | 110.45 11.01 -13.43 | 116.89 11.56 -20.32 | 148.30 12.58 -48.35 | 162.17 18.44 -19.14 | 149.18 17.15 -4.95 | 120.35 12.98 -20.28 | 100.32 11.67 -3.46 | 94.27 11.28 0.00 | 91.79 9.68 0.00 | 91.41 10.23 0.00 | 96.24 11.30 0.00 | 111.56 10.02 -30.98 | 122.57 10.01 -42.07 | 140.31 10.75 -58.85 | 138.39 10.72 -57.10 | 129.07 10.65 -47.86 | 126.83 10.74 -45.39 | 118.85 10.05 -38.56 | 107.19 10.42 -26.36 | 93.64 8.91 -14.62 |
| KEDC_GLWD_GT4 24219 | 122.30 9.79 -7.29 | 104.31 8.91 -9.76 | 100.53 8.07 -13.40 | 100.59 8.53 -5.87 | 104.78 8.43 -10.34 | 109.88 7.99 -16.88 | 131.09 8.92 -34.81 | 155.16 12.96 -17.61 | 144.72 12.71 -4.93 | 116.94 9.58 -20.27 | 97.86 9.20 -3.48 | 91.87 8.88 0.00 | 90.32 8.21 -0.01 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 113.72 7.55 -35.60 | 114.25 7.47 -36.29 | 135.03 7.71 -56.60 | 124.17 7.69 -45.92 | 116.30 7.76 -37.98 | 115.67 7.85 -37.13 | 109.43 7.52 -31.66 | 96.27 7.61 -18.26 | 91.32 6.59 -14.61 |
| KEDC_GLWD_GT5 24220 | 122.30 9.79 -7.29 | 104.31 8.91 -9.76 | 100.53 8.07 -13.40 | 100.59 8.53 -5.87 | 104.78 8.43 -10.34 | 109.88 7.99 -16.88 | 131.09 8.92 -34.81 | 155.16 12.96 -17.61 | 144.72 12.71 -4.93 | 116.94 9.58 -20.27 | 97.86 9.20 -3.48 | 91.87 8.88 0.00 | 90.32 8.21 -0.01 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 113.72 7.55 -35.60 | 114.25 7.47 -36.29 | 135.03 7.71 -56.60 | 124.17 7.69 -45.92 | 116.30 7.76 -37.98 | 115.67 7.85 -37.13 | 109.43 7.52 -31.66 | 96.27 7.61 -18.26 | 91.32 6.59 -14.61 |

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|---|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| KENSICO____ 23655 | 121.75 9.26 -7.27 | 101.93 7.28 -9.02 | 95.93 6.56 -10.30 | 97.77 6.98 -4.61 | 99.47 6.79 -6.67 | 104.75 6.97 -12.77 | 113.83 7.78 -18.69 | 151.69 11.34 -15.76 | 143.43 11.44 -4.90 | 115.74 8.45 -20.21 | 96.82 8.18 -3.46 | 91.03 8.05 0.00 | 89.82 7.72 0.00 | 88.81 7.63 0.00 | 93.10 8.15 0.00 | 100.53 6.63 -23.34 | 93.11 6.56 -16.05 | 122.33 6.79 -44.82 | 105.78 6.70 -28.51 | 96.51 6.77 -19.18 | 97.21 6.86 -19.65 | 90.67 6.67 -13.75 | 85.73 6.69 -8.63 | 90.65 5.96 -14.58 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 123.99 10.73 -8.03 | 104.16 8.56 -9.96 | 98.12 7.67 -11.38 | 99.46 8.19 -5.09 | 101.46 8.08 -7.37 | 107.71 8.59 -14.11 | 117.54 9.52 -20.65 | 155.58 13.58 -17.41 | 145.34 12.84 -5.42 | 113.67 9.06 -17.52 | 96.43 8.43 -2.82 | 91.03 8.05 0.00 | 89.91 7.80 0.00 | 88.81 7.63 0.00 | 93.35 8.41 0.00 | 97.62 6.92 -20.14 | 92.94 6.34 -16.10 | 121.41 6.72 -43.97 | 105.80 6.63 -28.60 | 96.33 6.56 -19.22 | 97.03 6.79 -19.55 | 90.57 6.53 -13.79 | 85.54 6.48 -8.66 | 90.33 5.68 -14.54 |
| KIAC_JFK_GT1 23816 | 121.46 8.94 -7.29 | 101.44 6.77 -9.04 | 95.32 5.93 -10.32 | 97.01 6.21 -4.62 | 98.71 6.02 -6.68 | 104.02 6.21 -12.80 | 113.44 7.34 -18.73 | 151.48 11.09 -15.80 | 143.31 11.31 -4.91 | 115.80 8.45 -20.26 | 96.23 7.58 -3.47 | 90.54 7.55 0.00 | 89.33 7.23 0.00 | 88.32 7.14 0.00 | 92.67 7.73 0.00 | 100.17 6.21 -23.40 | 92.86 6.27 -16.08 | 122.06 6.44 -44.91 | 105.55 6.42 -28.57 | 96.27 6.49 -19.22 | 96.96 6.57 -19.69 | 90.28 6.25 -13.77 | 85.67 6.62 -8.65 | 90.47 5.75 -14.61 |
| KIAC_JFK_GT2 23817 | 121.46 8.94 -7.29 | 101.44 6.77 -9.04 | 95.32 5.93 -10.32 | 97.01 6.21 -4.62 | 98.71 6.02 -6.68 | 104.02 6.21 -12.80 | 113.44 7.34 -18.73 | 151.48 11.09 -15.80 | 143.31 11.31 -4.91 | 115.80 8.45 -20.26 | 96.23 7.58 -3.47 | 90.54 7.55 0.00 | 89.33 7.23 0.00 | 88.32 7.14 0.00 | 92.67 7.73 0.00 | 100.17 6.21 -23.40 | 92.86 6.27 -16.08 | 122.06 6.44 -44.91 | 105.55 6.42 -28.57 | 96.27 6.49 -19.22 | 96.96 6.57 -19.69 | 90.28 6.25 -13.77 | 85.67 6.62 -8.65 | 90.47 5.75 -14.61 |
| KIAC_JFK____ 323774 | 121.45 8.94 -7.29 | 101.44 6.76 -9.04 | 95.33 5.93 -10.32 | 97.01 6.21 -4.62 | 98.71 6.02 -6.68 | 104.01 6.20 -12.80 | 113.44 7.34 -18.73 | 151.47 11.08 -15.80 | 143.19 11.19 -4.91 | 115.80 8.45 -20.26 | 96.23 7.58 -3.47 | 90.61 7.63 0.00 | 89.41 7.30 0.00 | 88.33 7.15 0.00 | 92.67 7.73 0.00 | 100.18 6.21 -23.40 | 92.85 6.27 -16.08 | 122.58 6.43 -45.43 | 105.62 6.49 -28.57 | 96.34 6.56 -19.22 | 97.03 6.64 -19.69 | 90.27 6.25 -13.77 | 85.67 6.62 -8.65 | 90.47 5.75 -14.61 |
| KINTIGH____ 23543 | 98.39 -6.84 0.00 | 80.58 -5.05 0.00 | 74.40 -4.67 0.00 | 80.84 -5.34 0.00 | 80.85 -5.16 0.00 | 80.76 -4.25 0.00 | 82.21 -5.15 0.00 | 114.62 -9.97 0.00 | 116.79 -10.29 0.00 | 81.21 -6.44 -0.57 | 78.78 -6.56 -0.16 | 76.68 -6.31 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.97 0.00 | 65.44 -5.79 -0.66 | 65.51 -7.12 -2.13 | 68.68 -6.65 -4.61 | 66.28 -8.04 -3.76 | 62.43 -7.69 0.44 | 59.57 -6.93 4.20 | 57.57 -7.80 4.88 | 63.18 -7.18 0.05 | 66.54 -5.54 -1.96 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 105.96 0.74 0.00 | 86.49 0.86 0.00 | 80.10 1.03 0.00 | 87.13 0.95 0.00 | 86.78 0.77 0.00 | 85.26 0.26 0.00 | 86.32 -1.05 0.00 | 122.60 -1.99 0.00 | 125.05 -2.03 0.00 | 86.13 -0.96 0.00 | 84.67 -0.51 0.00 | 82.24 -0.75 0.00 | 81.45 -0.66 0.00 | 80.53 -0.65 0.00 | 84.01 -0.93 0.00 | 70.49 -0.07 0.00 | 70.64 0.14 0.00 | 70.51 -0.21 0.00 | 70.28 -0.28 0.00 | 70.20 -0.35 0.00 | 70.13 -0.57 0.00 | 70.04 -0.21 0.00 | 69.77 -0.63 0.00 | 70.25 0.14 0.00 |
| LACHUTE__HYDRO 323717 | 160.28 8.31 -46.74 | 149.87 6.25 -57.98 | 151.00 5.70 -66.23 | 121.94 6.12 -29.64 | 134.98 6.11 -42.87 | 173.60 6.46 -82.14 | 214.97 7.42 -120.18 | 236.64 10.72 -101.34 | 169.65 11.05 -31.51 | 128.86 8.45 -33.32 | 94.78 7.92 -1.67 | 90.87 7.89 0.00 | 89.91 7.80 0.00 | 88.90 7.72 0.00 | 92.93 7.98 0.00 | 114.42 7.27 -36.59 | 137.96 6.06 -61.40 | 196.67 6.37 -119.59 | 186.19 6.56 -109.06 | 148.59 6.28 -71.76 | 141.05 6.22 -64.13 | 128.45 5.62 -52.58 | 108.76 5.35 -33.01 | 125.22 4.83 -50.27 |
| LAWRNCV_115KV_TB1 80681 | 103.12 -2.10 0.00 | 84.09 -1.54 0.00 | 78.12 -0.95 0.00 | 84.89 -1.29 0.00 | 84.46 -1.55 0.00 | 82.46 -2.55 0.00 | 83.44 -3.93 0.00 | 119.36 -5.23 0.00 | 121.62 -5.46 0.00 | 83.26 -3.83 0.00 | 82.03 -3.15 0.00 | 79.66 -3.32 0.00 | 79.15 -2.96 0.00 | 78.18 -3.00 0.00 | 81.29 -3.65 0.00 | 68.09 -2.47 0.00 | 68.17 -2.33 0.00 | 68.03 -2.69 0.00 | 68.09 -2.47 0.00 | 67.80 -2.75 0.00 | 67.87 -2.83 0.00 | 68.57 -1.69 0.00 | 68.79 -1.62 0.00 | 69.06 -1.05 0.00 |
| LEDERLE____ 23769 | 120.77 8.63 -6.91 | 100.98 6.77 -8.58 | 94.95 6.09 -9.80 | 97.03 6.46 -4.38 | 98.63 6.28 -6.34 | 103.62 6.46 -12.15 | 112.48 7.34 -17.78 | 150.30 10.71 -14.99 | 142.42 10.68 -4.66 | 113.86 7.84 -18.93 | 95.91 7.50 -3.23 | 90.37 7.39 0.00 | 89.17 7.06 0.00 | 88.16 6.98 0.00 | 92.50 7.56 0.00 | 98.49 6.07 -21.86 | 91.86 6.06 -15.30 | 119.86 6.29 -42.84 | 103.95 6.21 -27.18 | 95.12 6.28 -18.29 | 95.90 6.43 -18.77 | 89.53 6.18 -13.10 | 84.83 6.20 -8.22 | 89.50 5.47 -13.91 |
| LIGHTHSE_115KV_TB6 355974 | 103.23 -2.00 0.00 | 83.92 -1.71 0.00 | 77.49 -1.58 0.00 | 84.46 -1.72 0.00 | 84.46 -1.55 0.00 | 83.73 -1.28 0.00 | 86.14 -1.22 0.00 | 122.85 -1.74 0.00 | 125.31 -1.78 0.00 | 85.96 -1.13 0.00 | 83.91 -1.28 0.00 | 81.74 -1.24 0.00 | 80.79 -1.31 0.00 | 79.88 -1.30 0.00 | 83.58 -1.36 0.00 | 69.43 -1.13 0.00 | 69.30 -1.20 0.00 | 71.17 -1.13 -1.58 | 69.36 -1.20 0.00 | 69.68 -0.92 -0.05 | 70.11 -0.92 -0.33 | 69.20 -1.05 0.00 | 69.49 -0.92 0.00 | 69.22 -1.05 -0.16 |
| LINDEN COGEN____ 23786 | 50.17 10.00 65.06 | 43.24 7.19 49.59 | 47.17 6.48 38.38 | 45.32 6.81 47.67 | 45.32 6.62 47.31 | 49.08 6.63 42.56 | 56.22 7.51 38.66 | 74.11 11.22 61.70 | 10.73 11.31 127.66 | -84.20 8.45 179.74 | -98.11 8.18 191.47 | -20.65 8.30 111.93 | -20.65 7.96 110.72 | -5.93 7.79 94.91 | -9.94 8.41 103.29 | -74.88 6.71 152.15 | -28.21 6.56 105.26 | -69.42 6.72 146.86 | -47.09 6.71 124.36 | -93.90 6.84 171.29 | -14.64 6.93 92.27 | 1.51 6.74 75.49 | -20.90 6.83 98.13 | 39.24 5.96 36.83 |
| LINDHRST_69_KV_BK1 356055 | 124.93 12.42 -7.29 | 106.96 11.05 -10.27 | 104.56 9.96 -15.53 | 103.53 10.60 -6.75 | 109.39 10.49 -12.88 | 115.60 10.88 -19.72 | 145.22 11.88 -45.97 | 160.78 17.32 -18.87 | 149.32 17.28 -4.94 | 119.73 12.37 -20.27 | 100.15 11.50 -3.47 | 93.69 10.70 0.00 | 91.63 9.52 0.00 | 91.17 9.99 0.00 | 95.82 10.87 0.00 | 113.12 9.60 -32.96 | 121.95 9.52 -41.93 | 139.25 10.04 -58.49 | 135.97 10.02 -55.39 | 127.16 10.02 -46.59 | 125.18 10.04 -44.44 | 117.86 9.62 -37.98 | 105.27 9.93 -24.93 | 93.28 8.55 -14.62 |
| LIPA_MISC_IPP 23656 | 124.93 12.42 -7.29 | 107.67 11.65 -10.39 | 105.51 10.44 -16.00 | 104.33 11.20 -6.94 | 110.55 11.10 -13.44 | 116.91 11.56 -20.34 | 148.54 12.76 -48.42 | 162.43 18.69 -19.15 | 149.83 17.79 -4.95 | 120.26 12.89 -20.28 | 100.06 11.41 -3.46 | 93.94 10.95 0.00 | 91.22 9.11 0.00 | 91.25 10.07 0.00 | 96.16 11.21 0.00 | 111.43 9.95 -30.92 | 122.58 10.01 -42.07 | 139.86 10.82 -58.32 | 138.51 10.80 -57.15 | 129.25 10.79 -47.90 | 126.93 10.82 -45.42 | 118.94 10.12 -38.57 | 107.30 10.49 -26.40 | 93.71 8.97 -14.62 |
| LISF__SOLAR 323691 | 124.61 12.10 -7.29 | 107.75 11.73 -10.38 | 105.73 10.67 -16.00 | 104.49 11.38 -6.94 | 110.71 11.26 -13.44 | 117.15 11.81 -20.33 | 148.69 12.93 -48.40 | 162.80 19.06 -19.15 | 149.32 17.28 -4.95 | 120.43 13.06 -20.28 | 100.14 11.50 -3.46 | 94.27 11.28 0.00 | 91.46 9.36 0.00 | 91.41 10.23 0.00 | 96.24 11.30 0.00 | 111.59 10.09 -30.94 | 122.79 10.22 -42.07 | 140.59 11.03 -58.85 | 138.77 11.08 -57.13 | 129.44 11.00 -47.89 | 127.13 11.02 -45.41 | 119.00 10.18 -38.57 | 107.43 10.63 -26.39 | 93.84 9.11 -14.62 |

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| LITTLE FALLS___HYD 24013 | 111.22 6.00 0.00 | 90.43 4.80 0.00 | 83.50 4.43 0.00 | 90.92 4.74 0.00 | 90.83 4.82 0.00 | 90.02 5.02 0.00 | 92.70 5.33 0.00 | 131.94 7.35 0.00 | 134.59 7.50 0.00 | 92.23 5.14 0.00 | 90.04 4.86 0.00 | 87.80 4.81 0.00 | 86.79 4.68 0.00 | 85.81 4.63 0.00 | 89.87 4.93 0.00 | 74.44 3.88 0.00 | 74.37 3.88 0.00 | 74.61 3.89 0.00 | 74.44 3.88 0.00 | 74.29 3.74 0.00 | 74.37 3.68 0.00 | 73.76 3.51 0.00 | 73.86 3.45 0.00 | 73.27 3.16 0.00 |
| LITTLRIV_115KV_TB1 356100 | 104.28 -0.95 0.00 | 85.04 -0.60 0.00 | 78.99 -0.08 0.00 | 85.84 -0.34 0.00 | 85.41 -0.60 0.00 | 83.65 -1.36 0.00 | 84.66 -2.71 0.00 | 121.23 -3.36 0.00 | 123.40 -3.69 0.00 | 84.30 -2.79 0.00 | 82.88 -2.30 0.00 | 80.49 -2.49 0.00 | 79.89 -2.22 0.00 | 78.99 -2.19 0.00 | 82.22 -2.72 0.00 | 69.01 -1.55 0.00 | 69.09 -1.41 0.00 | 68.88 -1.84 0.00 | 68.94 -1.62 0.00 | 68.65 -1.90 0.00 | 68.72 -1.98 0.00 | 69.41 -0.84 0.00 | 69.56 -0.84 0.00 | 69.83 -0.28 0.00 |
| LI_NEWBRDGE___DRP 323616 | 122.83 10.31 -7.29 | 105.41 9.33 -10.44 | 103.61 8.30 -16.24 | 102.10 8.88 -7.04 | 108.43 8.69 -13.73 | 114.59 8.93 -20.66 | 146.91 9.87 -49.67 | 158.08 14.20 -19.29 | 146.40 14.36 -4.95 | 117.82 10.45 -20.28 | 98.53 9.88 -3.46 | 92.11 9.13 0.00 | 90.31 8.21 0.01 | 89.70 8.52 0.00 | 94.20 9.26 0.00 | 108.19 8.04 -29.59 | 120.39 7.97 -41.93 | 136.95 8.13 -58.10 | 136.57 8.04 -57.96 | 127.19 8.18 -48.46 | 124.76 8.27 -45.79 | 117.05 8.08 -38.72 | 105.94 8.38 -27.15 | 91.81 7.08 -14.62 |
| LOCKPORT_115KV_TB60_63_64 80432 | 96.49 -8.73 0.00 | 79.21 -6.42 0.00 | 73.06 -6.01 0.00 | 79.29 -6.89 0.00 | 79.39 -6.62 0.00 | 79.40 -5.61 0.00 | 80.73 -6.64 0.00 | 112.01 -12.58 0.00 | 114.00 -13.09 0.00 | 79.52 -8.19 -0.62 | 77.27 -8.09 -0.18 | 75.18 -7.80 0.00 | 74.14 -7.96 0.00 | 73.14 -8.04 0.00 | 76.28 -8.66 0.00 | 64.16 -7.13 -0.72 | 64.02 -8.81 -2.34 | 67.11 -8.49 -4.88 | 65.57 -9.10 -4.11 | 61.15 -7.97 1.43 | 57.11 -6.86 6.73 | 54.71 -8.01 7.54 | 62.83 -7.11 0.46 | 65.18 -7.08 -2.15 |
| LOCKPORT___CC1 323769 | 96.17 -9.05 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.05 -6.96 0.00 | 79.14 -5.86 0.00 | 80.38 -6.99 0.00 | 111.38 -13.21 0.00 | 113.74 -13.34 0.00 | 79.18 -8.53 -0.62 | 76.42 -8.94 -0.18 | 74.27 -8.71 0.00 | 73.90 -8.21 0.00 | 72.98 -8.20 0.00 | 76.11 -8.84 0.00 | 64.03 -7.27 -0.73 | 63.90 -8.95 -2.36 | 66.94 -8.70 -4.92 | 65.47 -9.24 -4.15 | 60.90 -7.90 1.75 | 56.68 -6.50 7.51 | 53.78 -8.15 8.32 | 62.56 -7.25 0.59 | 65.20 -7.08 -2.17 |
| LOCKPORT___CC2 323770 | 96.17 -9.05 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.05 -6.96 0.00 | 79.14 -5.86 0.00 | 80.38 -6.99 0.00 | 111.38 -13.21 0.00 | 113.74 -13.34 0.00 | 79.18 -8.53 -0.62 | 76.42 -8.94 -0.18 | 74.27 -8.71 0.00 | 73.90 -8.21 0.00 | 72.98 -8.20 0.00 | 76.11 -8.84 0.00 | 64.03 -7.27 -0.73 | 63.90 -8.95 -2.36 | 66.94 -8.70 -4.92 | 65.47 -9.24 -4.15 | 60.90 -7.90 1.75 | 56.68 -6.50 7.51 | 53.78 -8.15 8.32 | 62.56 -7.25 0.59 | 65.20 -7.08 -2.17 |
| LOCKPORT___CC3 323771 | 96.17 -9.05 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.05 -6.96 0.00 | 79.14 -5.86 0.00 | 80.38 -6.99 0.00 | 111.38 -13.21 0.00 | 113.74 -13.34 0.00 | 79.18 -8.53 -0.62 | 76.42 -8.94 -0.18 | 74.27 -8.71 0.00 | 73.90 -8.21 0.00 | 72.98 -8.20 0.00 | 76.11 -8.84 0.00 | 64.03 -7.27 -0.73 | 63.90 -8.95 -2.36 | 66.94 -8.70 -4.92 | 65.47 -9.24 -4.15 | 60.90 -7.90 1.75 | 56.68 -6.50 7.51 | 53.78 -8.15 8.32 | 62.56 -7.25 0.59 | 65.20 -7.08 -2.17 |
| LONG_LAKE_PHOENIX 24014 | 102.28 -2.95 0.00 | 83.15 -2.48 0.00 | 76.78 -2.29 0.00 | 83.60 -2.59 0.00 | 83.52 -2.49 0.00 | 82.80 -2.21 0.00 | 85.36 -2.01 0.00 | 121.48 -3.11 0.00 | 123.91 -3.18 0.00 | 85.00 -2.09 0.00 | 83.05 -2.13 0.00 | 80.91 -2.07 0.00 | 80.05 -2.05 0.00 | 79.15 -2.03 0.00 | 82.82 -2.12 0.00 | 68.87 -1.69 0.00 | 68.66 -1.83 0.00 | 70.71 -1.70 -1.69 | 68.73 -1.83 0.00 | 68.77 -1.83 -0.05 | 69.28 -1.77 -0.35 | 68.21 -2.04 0.00 | 68.44 -1.97 0.00 | 68.39 -1.89 -0.17 |
| LOVETT___3 23632 | 120.27 8.10 -6.94 | 100.59 6.34 -8.61 | 94.60 5.69 -9.84 | 96.62 6.03 -4.40 | 98.31 5.93 -6.37 | 103.24 6.04 -12.20 | 112.03 6.81 -17.85 | 149.61 9.97 -15.05 | 141.81 10.04 -4.68 | 113.53 7.40 -19.04 | 95.50 7.07 -3.25 | 89.95 6.97 0.00 | 88.84 6.73 0.00 | 87.84 6.66 0.00 | 92.08 7.14 0.00 | 98.33 5.79 -21.98 | 91.57 5.71 -15.36 | 119.67 5.94 -43.01 | 103.71 5.86 -27.29 | 94.84 5.93 -18.36 | 95.55 6.01 -18.84 | 89.24 5.83 -13.15 | 84.51 5.84 -8.26 | 89.20 5.12 -13.97 |
| LOVETT___4 23642 | 120.27 8.10 -6.94 | 100.59 6.34 -8.61 | 94.60 5.69 -9.84 | 96.62 6.03 -4.40 | 98.31 5.93 -6.37 | 103.24 6.04 -12.20 | 112.03 6.81 -17.85 | 149.61 9.97 -15.05 | 141.81 10.04 -4.68 | 113.53 7.40 -19.04 | 95.50 7.07 -3.25 | 89.95 6.97 0.00 | 88.84 6.73 0.00 | 87.84 6.66 0.00 | 92.08 7.14 0.00 | 98.33 5.79 -21.98 | 91.57 5.71 -15.36 | 119.67 5.94 -43.01 | 103.71 5.86 -27.29 | 94.84 5.93 -18.36 | 95.55 6.01 -18.84 | 89.24 5.83 -13.15 | 84.51 5.84 -8.26 | 89.20 5.12 -13.97 |
| LOVETT___5 23593 | 120.27 8.10 -6.94 | 100.59 6.34 -8.61 | 94.60 5.69 -9.84 | 96.62 6.03 -4.40 | 98.31 5.93 -6.37 | 103.24 6.04 -12.20 | 112.03 6.81 -17.85 | 149.61 9.97 -15.05 | 141.81 10.04 -4.68 | 113.53 7.40 -19.04 | 95.50 7.07 -3.25 | 89.95 6.97 0.00 | 88.84 6.73 0.00 | 87.84 6.66 0.00 | 92.08 7.14 0.00 | 98.33 5.79 -21.98 | 91.57 5.71 -15.36 | 119.67 5.94 -43.01 | 103.71 5.86 -27.29 | 94.84 5.93 -18.36 | 95.55 6.01 -18.84 | 89.24 5.83 -13.15 | 84.51 5.84 -8.26 | 89.20 5.12 -13.97 |
| LOWER RAQUET___HYD 24057 | 103.01 -2.21 0.00 | 84.01 -1.63 0.00 | 78.04 -1.03 0.00 | 84.89 -1.29 0.00 | 84.37 -1.64 0.00 | 82.37 -2.64 0.00 | 83.26 -4.10 0.00 | 119.11 -5.48 0.00 | 121.37 -5.72 0.00 | 83.00 -4.09 0.00 | 82.12 -3.06 0.00 | 79.42 -3.57 0.00 | 78.66 -3.45 0.00 | 77.93 -3.25 0.00 | 81.12 -3.82 0.00 | 67.88 -2.68 0.00 | 67.89 -2.61 0.00 | 67.75 -2.97 0.00 | 67.74 -2.82 0.00 | 67.59 -2.96 0.00 | 67.52 -3.18 0.00 | 68.42 -1.83 0.00 | 68.72 -1.69 0.00 | 68.99 -1.12 0.00 |
| LOWER___HUDSON 24059 | 151.18 6.84 -39.11 | 139.81 5.65 -48.52 | 139.63 5.14 -55.42 | 116.58 5.60 -24.80 | 127.39 5.51 -35.87 | 159.35 5.61 -68.73 | 193.88 5.94 -100.57 | 217.48 8.09 -84.80 | 161.60 8.14 -26.37 | 122.45 5.93 -29.44 | 92.72 5.80 -1.75 | 88.63 5.65 0.00 | 87.61 5.50 0.00 | 86.62 5.44 0.00 | 90.80 5.86 0.00 | 107.73 4.73 -32.44 | 128.24 4.80 -52.94 | 181.74 4.88 -106.15 | 169.46 4.87 -94.04 | 137.45 4.94 -61.96 | 131.56 4.95 -55.92 | 120.43 4.84 -45.33 | 103.80 4.93 -28.46 | 118.39 4.63 -43.65 |
| LOWVILLE_115KV_TB2 356335 | 106.38 1.16 0.00 | 86.58 0.94 0.00 | 80.10 1.03 0.00 | 87.99 1.81 0.00 | 88.07 2.06 0.00 | 86.88 1.87 0.00 | 89.29 1.92 0.00 | 128.95 4.36 0.00 | 131.28 4.19 0.00 | 89.62 2.53 0.00 | 86.63 1.45 0.00 | 84.31 1.33 0.00 | 83.17 1.07 0.00 | 82.24 1.06 0.00 | 85.96 1.02 0.00 | 71.76 1.20 0.00 | 71.62 1.13 0.00 | 72.27 0.85 -0.70 | 71.55 0.99 0.00 | 70.86 0.28 -0.02 | 71.12 0.28 -0.14 | 70.53 0.28 0.00 | 70.69 0.28 0.00 | 70.19 0.00 -0.08 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 158.01 6.63 -46.16 | 148.11 5.22 -57.25 | 149.29 4.82 -65.40 | 120.62 5.17 -29.26 | 133.50 5.16 -42.33 | 171.38 5.27 -81.10 | 211.80 5.77 -118.67 | 232.62 7.97 -100.06 | 166.34 8.13 -31.12 | 126.14 6.01 -33.04 | 92.65 5.79 -1.68 | 88.54 5.56 0.00 | 87.61 5.50 0.00 | 86.70 5.52 0.00 | 90.89 5.95 0.00 | 111.86 5.01 -36.29 | 135.97 4.72 -60.75 | 194.03 4.81 -118.51 | 183.33 4.87 -107.90 | 146.35 4.80 -71.00 | 139.00 4.81 -63.49 | 126.90 4.64 -52.02 | 107.64 4.58 -32.66 | 124.08 4.21 -49.76 |

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| LUTHERNY_35_KV_BK2 355980 | 158.11 6.73 -46.16 | 148.20 5.31 -57.25 | 149.37 4.90 -65.40 | 120.70 5.26 -29.26 | 133.50 5.16 -42.33 | 171.38 5.27 -81.10 | 211.89 5.85 -118.67 | 232.75 8.10 -100.06 | 166.46 8.26 -31.12 | 126.23 6.10 -33.04 | 92.74 5.88 -1.68 | 88.63 5.64 0.00 | 87.69 5.58 0.00 | 86.78 5.60 0.00 | 90.89 5.95 0.00 | 111.86 5.01 -36.29 | 135.97 4.72 -60.75 | 194.11 4.88 -118.51 | 183.40 4.94 -107.90 | 146.42 4.87 -71.00 | 139.07 4.88 -63.49 | 126.90 4.64 -52.02 | 107.71 4.65 -32.66 | 124.15 4.28 -49.76 |
| LWR___OSWEGATCHIE_HYD 23850 | 104.28 -0.95 0.00 | 84.86 -0.77 0.00 | 78.67 -0.40 0.00 | 85.92 -0.26 0.00 | 85.75 -0.26 0.00 | 84.24 -0.77 0.00 | 85.71 -1.66 0.00 | 123.34 -1.25 0.00 | 125.69 -1.40 0.00 | 85.78 -1.31 0.00 | 83.91 -1.28 0.00 | 81.49 -1.49 0.00 | 80.71 -1.40 0.00 | 79.80 -1.38 0.00 | 83.16 -1.78 0.00 | 69.58 -0.99 0.00 | 69.37 -1.13 0.00 | 69.81 -1.41 -0.50 | 69.36 -1.20 0.00 | 68.80 -1.76 -0.02 | 69.03 -1.77 -0.10 | 69.20 -1.05 0.00 | 69.42 -0.99 0.00 | 69.33 -0.84 -0.06 |
| LYONS_FALL_HYD 23570 | 107.22 1.99 0.00 | 87.18 1.54 0.00 | 80.57 1.50 0.00 | 88.25 2.06 0.00 | 88.33 2.32 0.00 | 87.38 2.38 0.00 | 89.99 2.62 0.00 | 129.20 4.61 0.00 | 131.79 4.70 0.00 | 89.96 2.87 0.00 | 87.22 2.04 0.00 | 84.97 1.99 0.00 | 83.91 1.80 0.00 | 82.96 1.78 0.00 | 86.81 1.87 0.00 | 72.25 1.69 0.00 | 72.12 1.62 0.00 | 72.89 1.49 -0.69 | 72.19 1.62 0.00 | 71.70 1.13 -0.02 | 71.98 1.13 -0.15 | 71.31 1.06 0.00 | 71.46 1.06 0.00 | 70.89 0.70 -0.07 |
| MADISON___COUNTY_LFGE 323628 | 108.59 3.37 0.00 | 88.29 2.65 0.00 | 81.52 2.45 0.00 | 88.94 2.76 0.00 | 88.93 2.92 0.00 | 88.49 3.49 0.00 | 91.30 3.93 0.00 | 130.32 5.73 0.00 | 132.81 5.72 0.00 | 90.84 3.74 0.00 | 88.42 3.24 0.00 | 86.14 3.15 0.00 | 85.14 3.04 0.00 | 84.18 3.00 0.00 | 88.09 3.14 0.00 | 73.24 2.68 0.00 | 73.03 2.54 0.00 | 74.50 2.48 -1.31 | 73.17 2.61 0.00 | 72.99 2.40 -0.04 | 73.37 2.40 -0.27 | 72.36 2.11 0.00 | 72.52 2.11 0.00 | 72.00 1.75 -0.13 |
| MALONE___115KV_TB1 356076 | 105.22 0.00 0.00 | 85.89 0.26 0.00 | 79.62 0.55 0.00 | 86.53 0.34 0.00 | 86.10 0.09 0.00 | 84.50 -0.51 0.00 | 85.80 -1.57 0.00 | 122.60 -1.99 0.00 | 125.05 -2.03 0.00 | 85.70 -1.39 0.00 | 84.25 -0.94 0.00 | 81.82 -1.16 0.00 | 81.12 -0.99 0.00 | 80.12 -1.06 0.00 | 83.50 -1.44 0.00 | 70.14 -0.42 0.00 | 70.21 -0.28 0.00 | 70.08 -0.64 0.00 | 69.93 -0.64 0.00 | 69.85 -0.71 0.00 | 69.78 -0.92 0.00 | 69.97 -0.28 0.00 | 69.77 -0.63 0.00 | 69.97 -0.14 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 143.79 6.63 -31.94 | 130.73 5.48 -39.62 | 129.38 5.06 -45.25 | 111.78 5.34 -20.25 | 120.63 5.33 -29.29 | 146.40 5.27 -56.12 | 174.90 5.42 -82.12 | 201.31 7.48 -69.24 | 156.37 7.75 -21.53 | 117.08 5.57 -24.41 | 92.26 5.54 -1.54 | 88.29 5.31 0.00 | 87.36 5.25 0.00 | 86.38 5.20 0.00 | 90.55 5.61 0.00 | 101.73 4.23 -26.93 | 119.83 4.23 -45.11 | 169.06 4.24 -94.10 | 154.92 4.23 -80.12 | 127.76 4.30 -52.90 | 123.42 4.31 -48.40 | 113.23 4.36 -38.62 | 99.16 4.51 -24.25 | 112.18 4.49 -37.57 |
| MAPLE_RIDGE_WT_1 323574 | 103.75 -1.47 0.00 | 84.61 -1.02 0.00 | 78.28 -0.79 0.00 | 85.41 -0.78 0.00 | 85.15 -0.86 0.00 | 83.90 -1.11 0.00 | 86.06 -1.31 0.00 | 122.85 -1.74 0.00 | 125.31 -1.78 0.00 | 85.87 -1.22 0.00 | 84.25 -0.94 0.00 | 81.90 -1.08 0.00 | 80.96 -1.15 0.00 | 80.04 -1.14 0.00 | 83.58 -1.36 0.00 | 69.57 -0.99 0.00 | 69.51 -0.99 0.00 | 69.45 -1.27 0.00 | 69.01 -1.55 0.00 | 68.72 -1.83 0.00 | 68.51 -2.19 0.00 | 68.15 -2.11 0.00 | 68.09 -2.32 0.00 | 68.01 -2.10 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 103.75 -1.47 0.00 | 84.61 -1.02 0.00 | 78.28 -0.79 0.00 | 85.41 -0.78 0.00 | 85.15 -0.86 0.00 | 83.90 -1.11 0.00 | 86.06 -1.31 0.00 | 122.85 -1.74 0.00 | 125.31 -1.78 0.00 | 85.87 -1.22 0.00 | 84.25 -0.94 0.00 | 81.90 -1.08 0.00 | 80.96 -1.15 0.00 | 80.04 -1.14 0.00 | 83.58 -1.36 0.00 | 69.57 -0.99 0.00 | 69.51 -0.99 0.00 | 69.45 -1.27 0.00 | 69.01 -1.55 0.00 | 68.72 -1.83 0.00 | 68.51 -2.19 0.00 | 68.15 -2.11 0.00 | 68.09 -2.32 0.00 | 68.01 -2.10 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 104.38 -0.85 0.00 | 85.04 -0.60 0.00 | 78.83 -0.24 0.00 | 85.84 -0.34 0.00 | 85.50 -0.51 0.00 | 83.90 -1.11 0.00 | 85.36 -2.01 0.00 | 121.48 -3.11 0.00 | 123.91 -3.17 0.00 | 85.09 -2.00 0.00 | 83.65 -1.53 0.00 | 81.24 -1.75 0.00 | 80.38 -1.73 0.00 | 79.47 -1.71 0.00 | 82.99 -1.95 0.00 | 69.51 -1.06 0.00 | 69.58 -0.92 0.00 | 69.37 -1.35 0.00 | 69.22 -1.34 0.00 | 69.14 -1.41 0.00 | 68.93 -1.76 0.00 | 68.99 -1.26 0.00 | 68.79 -1.62 0.00 | 69.13 -0.98 0.00 |
| MARSHVLE_115KV_TB1 80742 | 154.21 6.21 -42.78 | 143.24 4.54 -53.06 | 143.87 4.19 -60.61 | 117.70 4.40 -27.12 | 129.80 4.56 -39.23 | 165.28 5.10 -75.17 | 203.47 6.12 -109.98 | 226.05 8.72 -92.74 | 164.31 8.39 -28.84 | 121.67 4.53 -30.05 | 90.37 3.75 -1.44 | 86.14 3.15 0.00 | 85.06 2.96 0.00 | 84.43 3.25 0.00 | 88.34 3.40 0.00 | 107.40 3.88 -32.96 | 131.11 4.44 -56.17 | 190.65 4.81 -115.12 | 175.41 5.08 -99.77 | 141.24 4.87 -65.82 | 135.35 4.81 -59.84 | 122.77 4.43 -48.10 | 104.76 4.15 -30.20 | 120.19 3.51 -46.57 |
| MARSH_HILL_WT_PWR 323713 | 104.78 -1.79 -1.35 | 85.77 -1.54 -1.67 | 79.24 -1.74 -1.91 | 84.89 -2.15 -0.85 | 85.35 -1.89 -1.24 | 86.69 -0.68 -2.37 | 90.31 -0.52 -3.46 | 124.77 -2.74 -2.92 | 125.20 -2.80 -0.91 | 86.94 -1.92 -1.77 | 82.96 -2.47 -0.25 | 80.57 -2.41 0.00 | 79.89 -2.21 0.00 | 78.99 -2.19 0.00 | 82.73 -2.21 0.00 | 70.95 -1.62 -2.01 | 71.36 -2.47 -3.34 | 72.17 -2.54 -3.99 | 74.49 -2.19 -6.11 | 91.77 -2.40 -23.62 | 117.63 -2.12 -49.05 | 114.33 -3.09 -47.17 | 76.95 -3.17 -9.71 | 68.68 -4.49 -3.05 |
| MCINTYRE_115KV_TB2 80467 | 104.80 -0.42 0.00 | 85.46 -0.17 0.00 | 79.38 0.32 0.00 | 86.35 0.17 0.00 | 86.01 0.00 0.00 | 84.33 -0.68 0.00 | 85.53 -1.83 0.00 | 122.47 -2.12 0.00 | 124.67 -2.41 0.00 | 85.00 -2.09 0.00 | 83.48 -1.70 0.00 | 81.08 -1.91 0.00 | 80.46 -1.64 0.00 | 79.56 -1.62 0.00 | 82.82 -2.12 0.00 | 69.65 -0.92 0.00 | 69.79 -0.70 0.00 | 69.59 -1.13 0.00 | 69.79 -0.78 0.00 | 69.49 -1.06 0.00 | 69.50 -1.20 0.00 | 70.04 -0.21 0.00 | 70.13 -0.28 0.00 | 70.25 0.14 0.00 |
| MECO_____69_KV_BK1 80468 | 159.94 8.84 -45.88 | 149.22 6.68 -56.91 | 150.24 6.17 -65.00 | 121.91 6.64 -29.09 | 134.79 6.71 -42.07 | 172.76 7.14 -80.62 | 213.62 8.30 -117.96 | 235.64 11.59 -99.46 | 169.45 11.44 -30.93 | 125.78 6.62 -32.07 | 92.56 5.88 -1.50 | 88.46 5.48 0.00 | 87.44 5.34 0.00 | 86.62 5.44 0.00 | 90.72 5.78 0.00 | 111.38 5.65 -35.17 | 136.49 6.06 -59.94 | 196.85 6.51 -119.63 | 183.79 6.77 -106.46 | 147.31 6.63 -70.13 | 140.40 6.50 -63.19 | 127.61 6.04 -51.32 | 108.40 5.77 -32.22 | 124.60 5.12 -49.37 |
| MENANDS___115KV_TB5 355628 | 142.28 6.42 -30.63 | 128.95 5.31 -38.00 | 127.38 4.90 -43.40 | 110.86 5.26 -19.42 | 119.26 5.16 -28.09 | 143.94 5.10 -53.83 | 171.28 5.15 -78.76 | 198.10 7.10 -66.41 | 155.11 7.37 -20.65 | 116.02 5.40 -23.53 | 92.06 5.37 -1.51 | 88.13 5.15 0.00 | 87.20 5.09 0.00 | 86.21 5.03 0.00 | 90.29 5.35 0.00 | 100.55 4.02 -25.97 | 118.13 3.95 -43.68 | 166.58 3.96 -91.90 | 152.04 3.88 -77.59 | 125.76 3.95 -51.26 | 121.76 4.03 -47.04 | 111.73 4.07 -37.40 | 98.19 4.29 -23.48 | 110.93 4.35 -36.47 |
| MG INDUSTRY___DRP 24185 | 127.67 4.74 -17.71 | 111.46 3.85 -21.97 | 107.72 3.56 -25.10 | 101.20 3.79 -11.23 | 105.95 3.70 -16.24 | 119.79 3.66 -31.12 | 136.58 3.67 -45.54 | 167.85 4.86 -38.40 | 143.98 4.96 -11.94 | 103.93 3.48 -13.35 | 89.51 3.41 -0.92 | 86.47 3.49 0.00 | 85.64 3.53 0.00 | 84.75 3.57 0.00 | 88.68 3.74 0.00 | 88.03 2.75 -14.72 | 102.91 2.75 -29.66 | 144.05 2.83 -70.50 | 126.07 2.82 -52.68 | 108.42 2.82 -35.05 | 107.20 2.90 -33.60 | 98.53 2.88 -25.40 | 89.38 3.03 -15.94 | 98.86 3.16 -25.59 |

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| MID___OSWEGATCHIE_HYD 23849 | 104.28 -0.95 0.00 | 84.86 -0.77 0.00 | 78.67 -0.40 0.00 | 85.92 -0.26 0.00 | 85.75 -0.26 0.00 | 84.24 -0.77 0.00 | 85.71 -1.66 0.00 | 123.34 -1.25 0.00 | 125.69 -1.40 0.00 | 85.78 -1.31 0.00 | 83.91 -1.28 0.00 | 81.49 -1.49 0.00 | 80.71 -1.40 0.00 | 79.80 -1.38 0.00 | 83.16 -1.78 0.00 | 69.58 -0.99 0.00 | 69.37 -1.13 0.00 | 69.81 -1.41 -0.50 | 69.36 -1.20 0.00 | 68.80 -1.76 -0.02 | 69.03 -1.77 -0.10 | 69.20 -1.05 0.00 | 69.42 -0.99 0.00 | 69.33 -0.84 -0.06 |
| MID___RAQUETTE_HYD 23851 | 103.01 -2.21 0.00 | 84.09 -1.54 0.00 | 78.04 -1.03 0.00 | 84.89 -1.29 0.00 | 84.38 -1.63 0.00 | 82.37 -2.64 0.00 | 83.17 -4.19 0.00 | 119.11 -5.48 0.00 | 121.37 -5.72 0.00 | 83.00 -4.09 0.00 | 81.78 -3.41 0.00 | 79.42 -3.57 0.00 | 78.90 -3.20 0.00 | 77.93 -3.25 0.00 | 81.12 -3.82 0.00 | 67.88 -2.68 0.00 | 67.96 -2.54 0.00 | 67.75 -2.97 0.00 | 67.81 -2.75 0.00 | 67.52 -3.03 0.00 | 67.59 -3.11 0.00 | 68.43 -1.83 0.00 | 68.72 -1.69 0.00 | 68.99 -1.12 0.00 |
| MILLIKEN___1 23584 | 109.19 2.53 -1.44 | 89.30 1.88 -1.78 | 82.85 1.74 -2.04 | 88.90 1.81 -0.91 | 89.31 1.98 -1.32 | 90.08 2.55 -2.53 | 94.12 3.06 -3.70 | 131.57 3.86 -3.12 | 131.87 3.81 -0.97 | 91.54 2.61 -1.83 | 87.65 2.21 -0.25 | 85.06 2.07 0.00 | 84.08 1.97 0.00 | 83.13 1.95 0.00 | 87.07 2.12 0.00 | 74.40 1.76 -2.07 | 75.64 1.69 -3.45 | 89.51 1.84 -16.96 | 78.68 1.98 -6.15 | 78.08 1.90 -5.62 | 80.25 1.91 -7.65 | 77.97 1.41 -6.31 | 74.27 1.41 -2.46 | 74.23 0.98 -3.14 |
| MILLIKEN___2 23585 | 109.19 2.53 -1.44 | 89.30 1.88 -1.78 | 82.85 1.74 -2.04 | 88.90 1.81 -0.91 | 89.31 1.98 -1.32 | 90.08 2.55 -2.53 | 94.12 3.06 -3.70 | 131.57 3.86 -3.12 | 131.87 3.81 -0.97 | 91.54 2.61 -1.83 | 87.65 2.21 -0.25 | 85.06 2.07 0.00 | 84.08 1.97 0.00 | 83.13 1.95 0.00 | 87.07 2.12 0.00 | 74.40 1.76 -2.07 | 75.64 1.69 -3.45 | 89.51 1.84 -16.96 | 78.68 1.98 -6.15 | 78.08 1.90 -5.62 | 80.25 1.91 -7.65 | 77.97 1.41 -6.31 | 74.27 1.41 -2.46 | 74.23 0.98 -3.14 |
| MILLIKEN___DIESEL 23629 | 109.19 2.53 -1.44 | 89.30 1.88 -1.78 | 82.85 1.74 -2.04 | 88.90 1.81 -0.91 | 89.31 1.98 -1.32 | 90.08 2.55 -2.53 | 94.12 3.06 -3.70 | 131.57 3.86 -3.12 | 131.87 3.81 -0.97 | 91.54 2.61 -1.83 | 87.65 2.21 -0.25 | 85.06 2.07 0.00 | 84.08 1.97 0.00 | 83.13 1.95 0.00 | 87.07 2.12 0.00 | 74.40 1.76 -2.07 | 75.64 1.69 -3.45 | 89.51 1.84 -16.96 | 78.68 1.98 -6.15 | 78.08 1.90 -5.62 | 80.25 1.91 -7.65 | 77.97 1.41 -6.31 | 74.27 1.41 -2.46 | 74.23 0.98 -3.14 |
| MILLSEAT___LFGE 323607 | 99.02 -6.21 0.00 | 81.18 -4.46 0.00 | 74.88 -4.19 0.00 | 81.27 -4.91 0.00 | 81.45 -4.56 0.00 | 81.44 -3.57 0.00 | 83.09 -4.28 0.00 | 115.75 -8.84 0.00 | 118.19 -8.90 0.00 | 82.03 -5.66 -0.60 | 79.14 -6.21 -0.17 | 76.84 -6.14 0.00 | 76.28 -5.83 0.00 | 75.33 -5.85 0.00 | 78.48 -6.46 0.00 | 65.97 -5.29 -0.70 | 66.13 -6.63 -2.26 | 69.15 -6.36 -4.80 | 67.56 -6.99 -3.98 | 63.88 -5.78 0.89 | 60.72 -4.59 5.38 | 57.83 -6.25 6.17 | 64.60 -5.56 0.24 | 66.72 -5.47 -2.08 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 121.40 8.94 -7.24 | 101.72 7.11 -8.98 | 95.72 6.40 -10.25 | 97.49 6.72 -4.59 | 99.27 6.62 -6.64 | 104.44 6.72 -12.71 | 113.57 7.60 -18.60 | 151.36 11.09 -15.69 | 143.15 11.18 -4.88 | 115.36 8.19 -20.08 | 96.54 7.92 -3.44 | 90.70 7.72 0.00 | 89.58 7.47 0.00 | 88.57 7.39 0.00 | 92.84 7.90 0.00 | 100.18 6.42 -23.20 | 92.83 6.34 -15.98 | 121.93 6.58 -44.64 | 105.45 6.49 -28.39 | 96.22 6.56 -19.10 | 96.91 6.65 -19.57 | 90.40 6.46 -13.69 | 85.48 6.48 -8.59 | 90.38 5.75 -14.52 |
| MILLWOOD_13_KV_LOAD 356217 | 121.61 9.15 -7.24 | 101.89 7.28 -8.98 | 95.88 6.56 -10.25 | 97.66 6.89 -4.59 | 99.44 6.79 -6.64 | 104.61 6.89 -12.71 | 113.83 7.86 -18.60 | 151.74 11.46 -15.69 | 143.40 11.44 -4.88 | 115.54 8.36 -20.08 | 96.71 8.09 -3.44 | 90.87 7.88 0.00 | 89.74 7.64 0.00 | 88.73 7.55 0.00 | 93.01 8.07 0.00 | 100.25 6.49 -23.20 | 92.97 6.49 -15.98 | 122.14 6.79 -44.64 | 105.66 6.70 -28.39 | 96.43 6.77 -19.10 | 97.12 6.86 -19.57 | 90.47 6.53 -13.69 | 85.62 6.62 -8.59 | 90.52 5.89 -14.52 |
| MODEL_CITY_ENERGY 24167 | 95.75 -9.47 0.00 | 78.53 -7.11 0.00 | 72.51 -6.56 0.00 | 78.68 -7.50 0.00 | 78.70 -7.31 0.00 | 78.72 -6.29 0.00 | 79.94 -7.43 0.00 | 110.89 -13.71 0.00 | 113.11 -13.98 0.00 | 78.75 -8.97 -0.63 | 75.99 -9.37 -0.18 | 73.86 -9.13 0.00 | 73.32 -8.78 0.00 | 72.41 -8.77 0.00 | 75.51 -9.43 0.00 | 63.47 -7.83 -0.74 | 63.37 -9.52 -2.39 | 66.43 -9.26 -4.97 | 64.88 -9.88 -4.20 | 60.27 -8.68 1.60 | 56.52 -7.00 7.18 | 53.56 -8.78 7.91 | 62.07 -7.82 0.52 | 64.52 -7.78 -2.20 |
| MODERN_LFGE___ 323580 | 95.75 -9.47 0.00 | 78.53 -7.11 0.00 | 72.51 -6.56 0.00 | 78.68 -7.50 0.00 | 78.70 -7.31 0.00 | 78.72 -6.29 0.00 | 79.94 -7.43 0.00 | 110.89 -13.71 0.00 | 113.11 -13.98 0.00 | 78.75 -8.97 -0.63 | 75.99 -9.37 -0.18 | 73.86 -9.13 0.00 | 73.32 -8.78 0.00 | 72.41 -8.77 0.00 | 75.51 -9.43 0.00 | 63.47 -7.83 -0.74 | 63.37 -9.52 -2.39 | 66.43 -9.26 -4.97 | 64.88 -9.88 -4.20 | 60.27 -8.68 1.60 | 56.52 -7.00 7.18 | 53.56 -8.78 7.91 | 62.07 -7.82 0.52 | 64.52 -7.78 -2.20 |
| MOHAWK_PAPER___DRP 24187 | 143.79 6.63 -31.94 | 130.73 5.48 -39.62 | 129.38 5.06 -45.25 | 111.78 5.34 -20.25 | 120.63 5.33 -29.29 | 146.40 5.27 -56.12 | 174.90 5.42 -82.12 | 201.31 7.48 -69.24 | 156.37 7.75 -21.53 | 117.08 5.57 -24.41 | 92.26 5.54 -1.54 | 88.29 5.31 0.00 | 87.36 5.25 0.00 | 86.38 5.20 0.00 | 90.55 5.61 0.00 | 101.73 4.23 -26.93 | 119.83 4.23 -45.11 | 169.06 4.24 -94.10 | 154.92 4.23 -80.12 | 127.76 4.30 -52.90 | 123.42 4.31 -48.40 | 113.23 4.36 -38.62 | 99.16 4.51 -24.25 | 112.18 4.49 -37.57 |
| MOHICAN___35_KV_115KV_LD 80490 | 157.83 6.10 -46.50 | 147.94 4.62 -57.68 | 149.22 4.27 -65.88 | 120.23 4.57 -29.48 | 133.21 4.56 -42.64 | 171.48 4.76 -81.71 | 212.34 5.42 -119.55 | 233.12 7.72 -100.81 | 166.31 7.88 -31.35 | 127.00 6.71 -33.21 | 93.24 6.39 -1.67 | 89.21 6.22 0.00 | 88.26 6.16 0.00 | 87.35 6.17 0.00 | 91.40 6.46 0.00 | 112.67 5.65 -36.46 | 136.14 4.51 -61.13 | 194.51 4.67 -119.12 | 183.87 4.73 -108.58 | 146.65 4.66 -71.44 | 139.16 4.60 -63.86 | 126.88 4.29 -52.34 | 107.42 4.15 -32.86 | 123.96 3.79 -50.06 |
| MONGAUP___HYD 23641 | 119.61 7.90 -6.49 | 100.03 6.34 -8.06 | 93.80 5.53 -9.20 | 96.16 5.86 -4.12 | 97.82 5.85 -5.96 | 102.62 6.20 -11.41 | 110.97 6.90 -16.70 | 147.15 8.48 -14.08 | 139.35 7.88 -4.38 | 110.99 6.44 -17.45 | 94.03 5.87 -2.97 | 88.79 5.81 0.00 | 87.69 5.59 0.00 | 87.19 6.01 0.00 | 90.97 6.03 0.00 | 95.79 5.08 -20.14 | 90.15 5.22 -14.44 | 117.43 5.59 -41.12 | 101.78 5.57 -25.64 | 93.32 5.51 -17.26 | 94.17 5.72 -17.74 | 88.02 5.41 -12.36 | 83.94 5.77 -7.76 | 88.38 5.12 -13.15 |
| MONTAUK___DIESEL 23721 | 127.56 15.05 -7.29 | 110.06 14.04 -10.39 | 107.88 12.81 -16.00 | 106.74 13.62 -6.94 | 113.04 13.59 -13.44 | 119.46 14.11 -20.34 | 151.33 15.55 -48.41 | 166.54 22.80 -19.15 | 153.51 21.48 -4.95 | 122.52 15.15 -20.28 | 101.68 13.03 -3.46 | 95.93 12.95 0.00 | 93.02 10.92 0.00 | 93.11 11.93 0.00 | 98.11 13.17 0.00 | 113.13 11.64 -30.93 | 124.27 11.70 -42.07 | 141.91 12.87 -58.32 | 141.04 13.34 -57.14 | 131.85 13.41 -47.90 | 129.54 13.43 -45.41 | 121.33 12.50 -38.57 | 109.62 12.81 -26.40 | 95.81 11.08 -14.62 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 101.19 -5.16 -1.12 | 83.00 -4.02 -1.39 | 77.01 -3.64 -1.58 | 82.67 -4.22 -0.71 | 83.16 -3.87 -1.02 | 84.59 -2.38 -1.96 | 87.53 -2.71 -2.87 | 120.53 -6.48 -2.42 | 121.49 -6.35 -0.75 | 85.00 -3.57 -1.48 | 81.56 -3.83 -0.21 | 79.17 -3.82 0.00 | 77.84 -4.27 0.00 | 76.72 -4.46 0.00 | 79.76 -5.18 0.00 | 67.93 -4.30 -1.67 | 67.13 -6.13 -2.76 | 69.79 -6.29 -5.36 | 69.99 -5.43 -4.86 | 64.35 -5.08 1.12 | 59.39 -4.60 6.71 | 56.42 -5.76 8.07 | 64.95 -5.07 0.38 | 65.92 -6.73 -2.53 |

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| MORRIS_RIDGE___SOLAR 323848 | 102.30 -4.21 -1.29 | 83.98 -3.25 -1.60 | 77.73 -3.17 -1.83 | 83.30 -3.70 -0.82 | 83.66 -3.53 -1.18 | 84.81 -2.47 -2.27 | 87.88 -2.80 -3.32 | 121.04 -6.35 -2.80 | 121.61 -6.35 -0.87 | 84.44 -4.35 -1.70 | 80.65 -4.77 -0.24 | 78.26 -4.73 0.00 | 77.59 -4.52 0.00 | 76.72 -4.46 0.00 | 80.19 -4.76 0.00 | 68.68 -3.81 -1.93 | 68.98 -4.72 -3.20 | 71.48 -4.81 -5.57 | 71.54 -4.44 -5.42 | 41.81 -4.44 24.30 | 6.31 -3.96 60.43 | 4.06 -4.99 61.21 | 55.98 -4.72 9.71 | 67.30 -5.75 -2.93 |
| MORTIMER_115KV_TB3 55949 | 101.23 -4.00 0.00 | 82.81 -2.83 0.00 | 76.38 -2.69 0.00 | 83.08 -3.10 0.00 | 83.09 -2.92 0.00 | 82.88 -2.13 0.00 | 84.92 -2.45 0.00 | 119.23 -5.36 0.00 | 121.62 -5.46 0.00 | 84.29 -3.31 -0.51 | 81.83 -3.49 -0.14 | 79.58 -3.40 0.00 | 78.58 -3.53 0.00 | 77.61 -3.57 0.00 | 81.04 -3.91 0.00 | 67.84 -3.32 -0.60 | 68.38 -4.02 -1.90 | 71.33 -3.68 -4.29 | 69.13 -4.80 -3.37 | 68.38 -4.44 -2.27 | 69.05 -4.03 -2.38 | 67.05 -4.85 -1.65 | 66.99 -4.44 -1.02 | 68.50 -3.37 -1.75 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 122.51 10.00 -7.29 | 102.38 7.71 -9.04 | 96.35 6.96 -10.33 | 98.13 7.33 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.81 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.20 12.20 -4.91 | 116.41 9.06 -20.27 | 97.42 8.77 -3.47 | 91.61 8.63 0.00 | 90.40 8.29 0.00 | 89.38 8.20 0.00 | 93.78 8.83 0.00 | 101.10 7.13 -23.41 | 93.63 7.05 -16.09 | 122.84 7.21 -44.91 | 106.26 7.13 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.12 7.10 -13.77 | 86.24 7.18 -8.65 | 91.10 6.38 -14.61 |
| MUNSVILLE_WIND_PWR 323609 | 118.65 10.20 -3.22 | 97.60 7.97 -3.99 | 90.75 7.12 -4.56 | 96.07 7.84 -2.04 | 97.30 8.34 -2.95 | 100.69 10.03 -5.66 | 106.48 10.83 -8.28 | 146.77 15.19 -6.98 | 144.25 14.99 -2.17 | 100.71 10.10 -3.52 | 94.38 8.78 -0.42 | 91.28 8.30 0.00 | 89.82 7.72 0.00 | 88.97 7.79 0.00 | 93.27 8.33 0.00 | 82.00 7.48 -3.96 | 84.87 7.69 -6.69 | 98.99 7.71 -20.56 | 90.85 8.39 -11.89 | 87.31 7.76 -9.00 | 88.62 7.71 -10.21 | 84.95 6.60 -8.10 | 80.55 6.12 -4.02 | 80.69 4.70 -5.87 |
| N SALMON___HYD 24042 | 105.22 0.00 0.00 | 85.81 0.17 0.00 | 79.63 0.56 0.00 | 86.53 0.35 0.00 | 86.10 0.09 0.00 | 84.42 -0.59 0.00 | 85.97 -1.40 0.00 | 122.59 -2.00 0.00 | 124.93 -2.16 0.00 | 85.69 -1.40 0.00 | 84.41 -0.77 0.00 | 81.82 -1.16 0.00 | 81.04 -1.07 0.00 | 80.12 -1.06 0.00 | 83.50 -1.44 0.00 | 70.14 -0.42 0.00 | 70.22 -0.28 0.00 | 70.08 -0.64 0.00 | 69.86 -0.71 0.00 | 69.85 -0.71 0.00 | 69.71 -0.99 0.00 | 69.97 -0.28 0.00 | 69.77 -0.63 0.00 | 69.97 -0.14 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 98.70 -6.52 0.00 | 81.01 -4.62 0.00 | 74.72 -4.35 0.00 | 81.10 -5.08 0.00 | 81.19 -4.82 0.00 | 81.27 -3.74 0.00 | 82.82 -4.54 0.00 | 115.37 -9.22 0.00 | 117.43 -9.66 0.00 | 81.77 -5.92 -0.60 | 79.39 -5.96 -0.17 | 77.18 -5.81 0.00 | 76.03 -6.08 0.00 | 75.09 -6.09 0.00 | 78.32 -6.63 0.00 | 65.84 -5.43 -0.71 | 65.87 -6.91 -2.28 | 68.94 -6.58 -4.80 | 67.31 -7.27 -4.01 | 63.34 -6.21 1.01 | 59.78 -5.23 5.68 | 57.31 -6.46 6.47 | 64.41 -5.70 0.29 | 66.60 -5.61 -2.10 |
| N.BELMOR_69_KV_BK1 55787 | 123.56 11.05 -7.29 | 105.55 9.85 -10.06 | 102.50 8.78 -14.65 | 101.96 9.39 -6.39 | 107.05 9.20 -11.83 | 113.08 9.52 -18.55 | 139.05 10.31 -41.37 | 157.77 14.83 -18.35 | 147.02 15.00 -4.94 | 118.16 10.80 -20.27 | 99.06 10.39 -3.48 | 92.61 9.63 0.00 | 90.90 8.79 -0.01 | 90.19 9.01 0.00 | 94.71 9.77 0.00 | 118.18 8.40 -39.22 | 122.39 8.39 -43.51 | 139.32 8.63 -59.97 | 131.85 8.61 -52.67 | 124.33 8.68 -45.10 | 123.12 8.77 -43.66 | 116.96 8.50 -38.21 | 101.46 8.87 -22.18 | 92.30 7.57 -14.61 |
| N.E_GEN_SANDY PD 24062 | 130.59 8.84 -16.53 | 113.50 7.37 -20.50 | 109.20 6.72 -23.41 | 103.90 7.24 -10.48 | 108.30 7.13 -15.15 | 121.19 7.14 -29.04 | 137.55 7.69 -42.49 | 171.00 10.58 -35.82 | 148.65 10.42 -11.14 | 118.40 7.67 -23.64 | 95.80 7.50 -3.12 | 90.20 7.22 0.00 | 89.08 6.98 0.00 | 88.00 6.82 0.00 | 92.50 7.56 0.00 | 103.50 6.07 -26.87 | 103.82 6.21 -27.11 | 141.16 6.29 -64.15 | 125.00 6.28 -48.16 | 109.00 6.42 -32.03 | 107.92 6.58 -30.64 | 99.86 6.39 -23.22 | 91.97 6.55 -15.01 | 99.50 6.03 -23.36 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 120.36 8.21 -6.93 | 100.74 6.51 -8.59 | 94.74 5.85 -9.82 | 96.69 6.12 -4.39 | 98.39 6.02 -6.35 | 103.39 6.21 -12.18 | 112.17 6.99 -17.81 | 149.83 10.22 -15.02 | 141.93 10.17 -4.67 | 113.57 7.49 -18.99 | 95.66 7.24 -3.24 | 90.04 7.05 0.00 | 88.92 6.81 0.00 | 87.92 6.74 0.00 | 92.25 7.31 0.00 | 98.34 5.86 -21.92 | 91.68 5.85 -15.33 | 119.73 6.08 -42.93 | 103.79 6.00 -27.23 | 94.95 6.07 -18.33 | 95.65 6.15 -18.80 | 89.28 5.90 -13.13 | 84.56 5.91 -8.24 | 89.31 5.26 -13.94 |
| N.QUEENS_27_KV_LOAD 356247 | 123.03 10.52 -7.29 | 102.38 7.71 -9.04 | 96.27 6.88 -10.32 | 97.96 7.15 -4.62 | 99.49 6.79 -6.68 | 104.78 6.97 -12.80 | 114.05 7.95 -18.74 | 152.22 11.84 -15.80 | 144.20 12.20 -4.91 | 116.59 9.23 -20.26 | 97.59 8.94 -3.46 | 91.86 8.88 0.01 | 90.64 8.54 0.01 | 89.62 8.44 0.00 | 93.95 9.00 0.00 | 101.23 7.27 -23.40 | 93.84 7.26 -16.08 | 122.91 7.28 -44.91 | 106.40 7.27 -28.57 | 97.25 7.48 -19.22 | 97.95 7.56 -19.69 | 91.39 7.38 -13.76 | 86.51 7.46 -8.64 | 91.24 6.52 -14.61 |
| N.TROY___115KV_TB1 355778 | 151.18 6.84 -39.11 | 139.81 5.65 -48.52 | 139.63 5.14 -55.42 | 116.58 5.60 -24.80 | 127.39 5.50 -35.87 | 159.35 5.61 -68.73 | 193.88 5.94 -100.57 | 217.49 8.10 -84.80 | 161.59 8.13 -26.37 | 122.45 5.92 -29.44 | 92.72 5.79 -1.75 | 88.54 5.56 0.00 | 87.52 5.42 0.00 | 86.62 5.44 0.00 | 90.80 5.86 0.00 | 107.73 4.73 -32.44 | 128.23 4.79 -52.94 | 181.68 4.88 -106.08 | 169.47 4.87 -94.04 | 137.45 4.94 -61.96 | 131.56 4.95 -55.92 | 120.43 4.85 -45.33 | 103.80 4.93 -28.46 | 118.40 4.63 -43.65 |
| NARROWS_GT1_1 24228 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT1_2 24229 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT1_3 24230 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT1_4 24231 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |

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|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| NARROWS_GT1_5 24232 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT1_6 24233 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT1_7 24234 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT1_8 24235 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT2_1 24236 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT2_2 24237 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT2_3 24238 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT2_4 24239 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT2_5 24240 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT2_6 24241 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT2_7 24242 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NARROWS_GT2_8 24243 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 130.13 7.05 -17.86 | 113.52 5.74 -22.15 | 109.59 5.22 -25.30 | 103.11 5.60 -11.32 | 107.89 5.50 -16.38 | 122.08 5.70 -31.38 | 138.96 5.68 -45.91 | 171.03 7.72 -38.71 | 146.50 7.37 -12.04 | 108.38 5.14 -16.15 | 91.16 4.51 -1.46 | 87.80 4.81 0.00 | 87.03 4.93 0.00 | 86.05 4.87 0.00 | 90.21 5.27 0.00 | 93.22 4.66 -18.00 | 103.20 3.52 -29.18 | 143.17 3.75 -68.70 | 126.06 3.67 -51.83 | 108.62 3.60 -34.47 | 107.40 3.75 -32.96 | 98.89 3.65 -24.99 | 89.90 3.80 -15.69 | 99.30 4.07 -25.12 |
| NCHELSEA_115KV_TR2 355582 | 122.65 9.89 -7.54 | 102.95 7.96 -9.35 | 96.86 7.12 -10.68 | 98.54 7.58 -4.78 | 100.40 7.48 -6.91 | 106.07 7.82 -13.24 | 115.39 8.65 -19.38 | 153.26 12.33 -16.34 | 144.24 12.07 -5.08 | 115.59 8.62 -19.88 | 96.81 8.26 -3.36 | 90.95 7.97 0.00 | 89.82 7.72 0.00 | 88.81 7.63 0.00 | 93.18 8.24 0.00 | 100.20 6.70 -22.94 | 93.09 6.49 -16.11 | 122.36 6.79 -44.85 | 105.87 6.70 -28.61 | 96.50 6.70 -19.25 | 97.27 6.86 -19.72 | 90.65 6.60 -13.79 | 85.75 6.69 -8.66 | 90.70 5.96 -14.63 |
| NEG CAPITAL___MECHNVIL 23645 | 156.64 7.16 -44.26 | 146.28 5.74 -54.90 | 147.08 5.30 -62.71 | 119.93 5.69 -28.06 | 132.19 5.59 -40.59 | 168.56 5.78 -77.77 | 207.46 6.29 -113.80 | 229.26 8.72 -95.95 | 165.82 8.89 -29.84 | 125.66 6.44 -32.12 | 93.10 6.22 -1.71 | 89.04 6.05 0.00 | 88.02 5.91 0.00 | 87.10 5.92 0.00 | 91.23 6.29 0.00 | 111.17 5.29 -35.31 | 134.29 5.14 -58.64 | 191.20 5.31 -115.18 | 180.09 5.36 -104.16 | 144.41 5.29 -68.56 | 137.45 5.31 -61.44 | 125.53 5.06 -50.21 | 106.93 5.00 -31.53 | 122.85 4.63 -48.11 |

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|-------------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 100.39 -4.84 0.00 | 82.04 -3.59 0.00 | 75.67 -3.40 0.00 | 82.31 -3.88 0.00 | 82.40 -3.61 0.00 | 82.03 -2.98 0.00 | 84.31 -3.06 0.00 | 118.86 -5.73 0.00 | 121.37 -5.72 0.00 | 83.84 -3.74 -0.49 | 81.24 -4.09 -0.14 | 79.00 -3.98 0.00 | 78.25 -3.86 0.00 | 77.28 -3.90 0.00 | 80.70 -4.24 0.00 | 67.55 -3.60 -0.58 | 68.19 -4.16 -1.85 | 71.37 -3.89 -4.54 | 69.12 -4.73 -3.28 | 68.32 -4.44 -2.21 | 68.89 -4.10 -2.29 | 66.91 -4.92 -1.58 | 66.68 -4.72 -0.99 | 68.03 -3.79 -1.70 |
| NEG CENTRAL___DRP 24199 | 104.70 -0.53 0.00 | 85.38 -0.26 0.00 | 78.75 -0.32 0.00 | 85.75 -0.43 0.00 | 85.84 -0.17 0.00 | 85.52 0.51 0.00 | 88.15 0.79 0.00 | 124.84 0.25 0.00 | 127.21 0.13 0.00 | 87.83 0.17 -0.56 | 85.17 -0.17 -0.16 | 82.82 -0.17 0.00 | 81.86 -0.25 0.00 | 80.94 -0.24 0.00 | 84.69 -0.25 0.00 | 71.01 -0.21 -0.66 | 72.13 -0.49 -2.13 | 75.14 -0.35 -4.77 | 74.01 -0.35 -3.80 | 74.67 -0.35 -4.47 | 77.46 -0.28 -7.05 | 75.50 -0.91 -6.17 | 71.55 -0.77 -1.92 | 71.02 -1.05 -1.96 |
| NEG CENTRAL___INDECK 23768 | 106.34 0.00 -1.12 | 87.28 0.26 -1.39 | 80.73 0.08 -1.58 | 86.72 -0.17 -0.71 | 87.12 0.09 -1.02 | 88.16 1.19 -1.96 | 91.63 1.39 -2.87 | 123.28 -3.73 -2.42 | 123.90 -3.94 -0.75 | 86.13 -2.44 -1.47 | 82.15 -3.24 -0.20 | 79.66 -3.32 0.00 | 78.82 -3.29 0.00 | 78.01 -3.17 0.00 | 81.54 -3.40 0.00 | 69.62 -2.61 -1.67 | 70.23 -3.03 -2.76 | 72.48 -2.90 -4.67 | 72.41 -3.24 -5.09 | 91.02 -2.96 -23.43 | 119.55 -0.64 -49.49 | 116.23 -1.89 -47.88 | 78.19 -1.83 -9.62 | 70.75 -1.89 -2.53 |
| NEG CENTRAL___SENECA 23627 | 104.49 -0.74 0.00 | 85.29 -0.34 0.00 | 78.67 -0.40 0.00 | 85.67 -0.52 0.00 | 85.75 -0.26 0.00 | 85.60 0.60 0.00 | 88.07 0.70 0.00 | 124.47 -0.12 0.00 | 126.83 -0.25 0.00 | 87.70 0.00 -0.61 | 85.02 -0.34 -0.17 | 82.57 -0.41 0.00 | 81.53 -0.57 0.00 | 80.61 -0.57 0.00 | 84.35 -0.59 0.00 | 70.86 -0.42 -0.72 | 72.05 -0.78 -2.33 | 74.02 -0.64 -3.94 | 74.09 -0.64 -4.17 | 75.81 -0.56 -5.82 | 79.98 -0.57 -9.84 | 77.84 -1.26 -8.85 | 71.76 -1.13 -2.48 | 70.85 -1.40 -2.14 |
| NEG CENTRAL___STATE_STREET 24147 | 105.75 0.53 0.00 | 85.98 0.34 0.00 | 79.38 0.32 0.00 | 86.44 0.26 0.00 | 86.44 0.43 0.00 | 86.03 1.02 0.00 | 88.77 1.40 0.00 | 126.09 1.50 0.00 | 128.61 1.53 0.00 | 88.78 1.13 -0.56 | 86.19 0.85 -0.16 | 83.81 0.83 0.00 | 82.84 0.74 0.00 | 81.83 0.65 0.00 | 85.62 0.68 0.00 | 71.78 0.56 -0.66 | 73.05 0.42 -2.13 | 78.40 0.57 -7.12 | 74.84 0.49 -3.78 | 74.44 0.56 -3.32 | 75.69 0.57 -4.43 | 73.83 0.00 -3.58 | 71.93 0.07 -1.46 | 71.86 -0.21 -1.95 |
| NEG MILLWOOD___DRP 24198 | 122.95 10.21 -7.52 | 103.18 8.22 -9.33 | 97.08 7.35 -10.65 | 98.79 7.84 -4.77 | 100.73 7.83 -6.90 | 106.30 8.08 -13.21 | 115.87 9.17 -19.33 | 154.10 13.21 -16.30 | 145.12 12.96 -5.07 | 116.59 9.14 -20.35 | 97.50 8.86 -3.46 | 91.53 8.55 0.00 | 90.32 8.21 0.00 | 89.22 8.04 0.00 | 93.61 8.66 0.00 | 101.04 6.99 -23.50 | 93.75 6.98 -16.28 | 123.50 7.43 -45.35 | 106.67 7.20 -28.91 | 97.27 7.27 -19.45 | 98.04 7.42 -19.92 | 91.21 7.03 -13.94 | 86.34 7.18 -8.75 | 91.27 6.38 -14.78 |
| NEG NORTH_FLCN_SEA 23793 | 105.75 0.53 0.00 | 86.32 0.69 0.00 | 79.86 0.79 0.00 | 86.87 0.69 0.00 | 86.61 0.60 0.00 | 85.01 0.00 0.00 | 85.80 -1.57 0.00 | 121.48 -3.11 0.00 | 123.91 -3.18 0.00 | 85.70 -1.39 0.00 | 84.16 -1.02 0.00 | 81.74 -1.24 0.00 | 80.96 -1.15 0.00 | 80.04 -1.14 0.00 | 83.50 -1.44 0.00 | 70.07 -0.49 0.00 | 70.14 -0.35 0.00 | 69.94 -0.78 0.00 | 69.79 -0.78 0.00 | 69.64 -0.92 0.00 | 69.57 -1.13 0.00 | 69.55 -0.70 0.00 | 69.28 -1.13 0.00 | 70.04 -0.07 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 104.38 -0.84 0.00 | 85.12 -0.51 0.00 | 78.83 -0.24 0.00 | 85.84 -0.34 0.00 | 85.49 -0.52 0.00 | 83.90 -1.11 0.00 | 85.27 -2.10 0.00 | 121.73 -2.87 0.00 | 124.16 -2.92 0.00 | 85.18 -1.92 0.00 | 83.56 -1.62 0.00 | 81.24 -1.74 0.00 | 80.46 -1.64 0.00 | 79.48 -1.70 0.00 | 82.99 -1.95 0.00 | 69.58 -0.99 0.00 | 69.65 -0.85 0.00 | 69.52 -1.20 0.00 | 69.36 -1.20 0.00 | 69.14 -1.41 0.00 | 69.07 -1.63 0.00 | 69.13 -1.12 0.00 | 68.86 -1.55 0.00 | 69.13 -0.98 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 105.96 0.74 0.00 | 86.49 0.86 0.00 | 80.10 1.03 0.00 | 87.13 0.95 0.00 | 86.78 0.77 0.00 | 85.26 0.26 0.00 | 86.32 -1.05 0.00 | 122.60 -1.99 0.00 | 125.05 -2.03 0.00 | 86.13 -0.96 0.00 | 84.67 -0.51 0.00 | 82.24 -0.75 0.00 | 81.45 -0.66 0.00 | 80.53 -0.65 0.00 | 84.01 -0.93 0.00 | 70.49 -0.07 0.00 | 70.64 0.14 0.00 | 70.51 -0.21 0.00 | 70.28 -0.28 0.00 | 70.20 -0.35 0.00 | 70.13 -0.57 0.00 | 70.04 -0.21 0.00 | 69.77 -0.63 0.00 | 70.25 0.14 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 105.96 0.74 0.00 | 86.49 0.86 0.00 | 80.10 1.03 0.00 | 87.13 0.95 0.00 | 86.78 0.77 0.00 | 85.26 0.26 0.00 | 86.32 -1.05 0.00 | 122.60 -1.99 0.00 | 125.05 -2.03 0.00 | 86.13 -0.96 0.00 | 84.67 -0.51 0.00 | 82.24 -0.75 0.00 | 81.45 -0.66 0.00 | 80.53 -0.65 0.00 | 84.01 -0.93 0.00 | 70.49 -0.07 0.00 | 70.64 0.14 0.00 | 70.51 -0.21 0.00 | 70.28 -0.28 0.00 | 70.20 -0.35 0.00 | 70.13 -0.57 0.00 | 70.04 -0.21 0.00 | 69.77 -0.63 0.00 | 70.25 0.14 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 105.97 0.74 0.00 | 86.40 0.77 0.00 | 80.09 1.03 0.00 | 87.13 0.95 0.00 | 86.78 0.77 0.00 | 85.26 0.26 0.00 | 86.49 -0.87 0.00 | 122.47 -2.12 0.00 | 125.05 -2.04 0.00 | 86.13 -0.96 0.00 | 84.76 -0.42 0.00 | 82.24 -0.75 0.00 | 81.45 -0.66 0.00 | 80.53 -0.65 0.00 | 84.01 -0.93 0.00 | 70.49 -0.07 0.00 | 70.64 0.14 0.00 | 70.44 -0.28 0.00 | 70.21 -0.35 0.00 | 70.20 -0.35 0.00 | 70.06 -0.64 0.00 | 70.04 -0.21 0.00 | 69.77 -0.63 0.00 | 70.25 0.14 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 96.18 -9.05 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.04 -6.97 0.00 | 79.14 -5.87 0.00 | 80.38 -6.99 0.00 | 111.38 -13.21 0.00 | 113.49 -13.60 0.00 | 79.18 -8.53 -0.62 | 77.10 -8.26 -0.18 | 74.93 -8.05 0.00 | 73.90 -8.21 0.00 | 72.98 -8.20 0.00 | 76.11 -8.83 0.00 | 64.03 -7.27 -0.73 | 63.90 -8.95 -2.36 | 66.92 -8.70 -4.90 | 65.47 -9.24 -4.15 | 60.76 -8.04 1.75 | 56.19 -7.00 7.51 | 53.78 -8.15 8.32 | 62.56 -7.25 0.59 | 65.20 -7.08 -2.17 |
| NEG WEST___LANCASTER 23811 | 99.62 -6.73 -1.13 | 81.90 -5.14 -1.41 | 75.85 -4.82 -1.61 | 81.30 -5.60 -0.72 | 81.72 -5.33 -1.04 | 82.67 -4.34 -1.99 | 85.30 -4.98 -2.92 | 117.33 -9.72 -2.46 | 117.81 -10.04 -0.76 | 82.32 -6.27 -1.50 | 79.00 -6.39 -0.21 | 76.76 -6.22 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 78.06 -6.88 0.00 | 66.62 -5.65 -1.70 | 66.33 -6.98 -2.81 | 68.67 -7.64 -5.59 | 71.84 -3.67 -4.94 | 66.20 -3.17 1.18 | 61.25 -2.55 6.90 | 58.48 -3.58 8.19 | 67.13 -2.89 0.39 | 64.76 -7.92 -2.57 |
| NEG_PENN_ALLEGHNY 23528 | 108.42 0.94 -2.25 | 89.19 0.77 -2.79 | 82.88 0.63 -3.19 | 88.13 0.52 -1.43 | 88.76 0.68 -2.06 | 90.15 1.19 -3.95 | 94.63 1.48 -5.78 | 130.71 1.25 -4.87 | 129.87 1.27 -1.52 | 91.01 1.05 -2.87 | 86.25 0.68 -0.39 | 83.73 0.75 0.00 | 82.84 0.74 0.00 | 81.91 0.73 0.00 | 85.71 0.76 0.00 | 74.31 0.50 -3.25 | 76.26 0.28 -5.48 | 85.37 0.36 -14.30 | 81.00 0.71 -9.73 | 77.82 0.71 -6.56 | 78.28 0.85 -6.73 | 75.37 0.42 -4.69 | 73.91 0.56 -2.94 | 74.87 -0.21 -4.96 |
| NEG___GEN_MONROE 24207 | 101.12 -4.10 0.00 | 82.81 -2.83 0.00 | 76.38 -2.69 0.00 | 82.99 -3.19 0.00 | 83.00 -3.01 0.00 | 82.88 -2.13 0.00 | 84.83 -2.53 0.00 | 118.74 -5.86 0.00 | 120.99 -6.10 0.00 | 83.77 -3.83 -0.51 | 81.15 -4.17 -0.14 | 78.92 -4.07 0.00 | 78.00 -4.11 0.00 | 77.04 -4.14 0.00 | 80.36 -4.59 0.00 | 67.28 -3.88 -0.60 | 67.69 -4.72 -1.92 | 70.65 -4.38 -4.32 | 68.61 -5.36 -3.41 | 67.84 -5.01 -2.30 | 68.58 -4.52 -2.41 | 66.52 -5.41 -1.67 | 66.58 -4.86 -1.03 | 68.02 -3.86 -1.77 |

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| NEPA__ENERGY 23901 | 100.19 -6.10 -1.07 | 82.34 -4.62 -1.32 | 76.31 -4.27 -1.51 | 81.86 -5.00 -0.68 | 82.35 -4.64 -0.98 | 83.40 -3.49 -1.88 | 85.92 -4.19 -2.74 | 118.06 -8.85 -2.31 | 118.78 -9.02 -0.72 | 83.10 -5.40 -1.41 | 79.76 -5.62 -0.20 | 77.51 -5.48 0.00 | 76.36 -5.75 0.00 | 75.34 -5.84 0.00 | 78.49 -6.46 0.00 | 66.87 -5.29 -1.60 | 66.15 -6.98 -2.64 | 69.02 -6.93 -5.24 | 68.69 -6.49 -4.62 | 61.46 -6.07 3.02 | 54.46 -5.37 10.87 | 51.57 -6.46 12.22 | 63.53 -5.70 1.17 | 65.80 -6.73 -2.42 |
| NEVERSink__HYD 23608 | 121.52 9.15 -7.15 | 101.87 7.37 -8.87 | 95.76 6.56 -10.13 | 97.69 6.98 -4.53 | 99.45 6.88 -6.56 | 105.05 7.48 -12.56 | 114.14 8.39 -18.38 | 151.93 11.84 -15.50 | 143.09 11.19 -4.82 | 111.43 7.84 -16.49 | 95.12 7.24 -2.70 | 89.96 6.97 0.00 | 88.92 6.81 0.00 | 87.84 6.66 0.00 | 92.16 7.22 0.00 | 95.54 5.99 -18.98 | 91.07 5.71 -14.87 | 118.44 6.01 -41.72 | 102.96 5.99 -26.41 | 94.24 5.93 -17.76 | 94.99 6.15 -18.14 | 88.81 5.83 -12.73 | 84.24 5.84 -7.99 | 88.64 5.05 -13.47 |
| NEWKRMKL_115KV_TB1 55635 | 140.00 5.79 -28.99 | 126.31 4.71 -35.96 | 124.49 4.35 -41.08 | 109.22 4.65 -18.38 | 117.15 4.56 -26.59 | 140.37 4.42 -50.94 | 166.27 4.37 -74.54 | 193.42 5.98 -62.85 | 152.99 6.35 -19.54 | 113.54 4.70 -21.75 | 91.29 4.77 -1.34 | 87.63 4.65 0.00 | 86.70 4.60 0.00 | 85.73 4.55 0.00 | 89.61 4.67 0.00 | 97.91 3.39 -23.96 | 115.71 3.24 -41.97 | 163.34 3.18 -89.44 | 148.29 3.18 -74.55 | 123.08 3.25 -49.28 | 119.37 3.25 -45.42 | 109.49 3.30 -35.94 | 96.56 3.59 -22.56 | 109.12 3.86 -35.15 |
| NEWTON__FALLS_HYD 23847 | 104.28 -0.95 0.00 | 84.86 -0.77 0.00 | 78.67 -0.40 0.00 | 85.92 -0.26 0.00 | 85.75 -0.26 0.00 | 84.24 -0.77 0.00 | 85.71 -1.66 0.00 | 123.34 -1.25 0.00 | 125.69 -1.40 0.00 | 85.78 -1.31 0.00 | 83.91 -1.28 0.00 | 81.49 -1.49 0.00 | 80.71 -1.40 0.00 | 79.80 -1.38 0.00 | 83.16 -1.78 0.00 | 69.58 -0.99 0.00 | 69.37 -1.13 0.00 | 69.81 -1.41 -0.50 | 69.36 -1.20 0.00 | 68.80 -1.76 -0.02 | 69.03 -1.77 -0.10 | 69.20 -1.05 0.00 | 69.42 -0.99 0.00 | 69.33 -0.84 -0.06 |
| NGRID_A1_DSASP 323792 | 96.17 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.21 -6.80 0.00 | 79.14 -5.86 0.00 | 79.94 -7.43 0.00 | 110.76 -13.83 0.00 | 112.98 -14.11 0.00 | 78.67 -9.06 -0.63 | 75.99 -9.37 -0.18 | 73.86 -9.13 0.00 | 73.16 -8.95 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.41 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.38 -9.34 -5.00 | 64.63 -10.16 -4.23 | 59.30 -9.59 1.66 | 54.74 -8.56 7.40 | 52.59 -9.06 8.60 | 61.70 -8.09 0.61 | 64.54 -7.78 -2.21 |
| NGRID_A2_DSASP 323793 | 96.17 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.21 -6.80 0.00 | 79.14 -5.86 0.00 | 79.94 -7.43 0.00 | 110.76 -13.83 0.00 | 112.98 -14.11 0.00 | 78.67 -9.06 -0.63 | 75.99 -9.37 -0.18 | 73.86 -9.13 0.00 | 73.16 -8.95 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.41 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.38 -9.34 -5.00 | 64.63 -10.16 -4.23 | 59.30 -9.59 1.66 | 54.74 -8.56 7.40 | 52.59 -9.06 8.60 | 61.70 -8.09 0.61 | 64.54 -7.78 -2.21 |
| NGRID_A4_DSASP 323807 | 96.17 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.21 -6.80 0.00 | 79.14 -5.86 0.00 | 79.94 -7.43 0.00 | 110.76 -13.83 0.00 | 112.98 -14.11 0.00 | 78.67 -9.06 -0.63 | 75.99 -9.37 -0.18 | 73.86 -9.13 0.00 | 73.16 -8.95 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.41 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.38 -9.34 -5.00 | 64.63 -10.16 -4.23 | 59.30 -9.59 1.66 | 54.74 -8.56 7.40 | 52.59 -9.06 8.60 | 61.70 -8.09 0.61 | 64.54 -7.78 -2.21 |
| NIAGARA_115E_LBMP 323715 | 95.33 -9.90 0.00 | 78.18 -7.45 0.00 | 72.11 -6.96 0.00 | 78.26 -7.93 0.00 | 78.36 -7.66 0.00 | 78.29 -6.72 0.00 | 79.50 -7.86 0.00 | 110.14 -14.45 0.00 | 112.48 -14.61 0.00 | 78.32 -9.41 -0.64 | 75.57 -9.79 -0.18 | 73.44 -9.54 0.00 | 72.83 -9.28 0.00 | 71.92 -9.26 0.00 | 75.00 -9.94 0.00 | 63.13 -8.18 -0.75 | 62.90 -10.01 -2.41 | 66.04 -9.69 -5.01 | 64.50 -10.30 -4.24 | 59.69 -9.17 1.69 | 55.94 -7.35 7.40 | 52.89 -9.27 8.09 | 61.62 -8.24 0.55 | 64.13 -8.20 -2.22 |
| NIAGARA_115W_LBMP 323714 | 95.96 -9.26 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.05 -6.96 0.00 | 79.05 -5.95 0.00 | 79.77 -7.60 0.00 | 110.51 -14.08 0.00 | 112.73 -14.36 0.00 | 78.49 -9.23 -0.63 | 75.82 -9.54 -0.18 | 73.69 -9.29 0.00 | 73.07 -9.03 0.00 | 72.17 -9.01 0.00 | 75.26 -9.69 0.00 | 63.26 -8.05 -0.74 | 63.03 -9.87 -2.40 | 66.24 -9.47 -5.00 | 64.48 -10.30 -4.22 | 59.23 -9.66 1.66 | 54.67 -8.63 7.40 | 52.66 -9.06 8.53 | 61.64 -8.17 0.60 | 64.47 -7.85 -2.21 |
| NIAGARA_230_LBMP 323716 | 96.70 -8.52 0.00 | 79.30 -6.34 0.00 | 73.14 -5.93 0.00 | 79.46 -6.72 0.00 | 79.47 -6.54 0.00 | 79.39 -5.61 0.00 | 80.55 -6.81 0.00 | 111.76 -12.83 0.00 | 114.00 -13.09 0.00 | 79.35 -8.36 -0.62 | 76.67 -8.69 -0.18 | 74.52 -8.47 0.00 | 73.90 -8.21 0.00 | 72.90 -8.28 0.00 | 76.11 -8.84 0.00 | 63.96 -7.34 -0.73 | 63.91 -8.95 -2.37 | 66.98 -8.70 -4.96 | 65.41 -9.32 -4.17 | 60.06 -8.82 1.67 | 55.68 -7.64 7.38 | 53.26 -8.92 8.07 | 61.85 -8.03 0.53 | 65.07 -7.22 -2.18 |
| NIAGARA__115KV_198_GIBSON 55903 | 95.96 -9.26 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.04 -6.97 0.00 | 79.06 -5.95 0.00 | 79.68 -7.69 0.00 | 110.51 -14.08 0.00 | 112.47 -14.62 0.00 | 78.49 -9.23 -0.63 | 76.16 -9.20 -0.18 | 74.10 -8.88 0.00 | 73.07 -9.03 0.00 | 72.17 -9.01 0.00 | 75.26 -9.68 0.00 | 63.26 -8.04 -0.74 | 63.03 -9.87 -2.40 | 66.22 -9.48 -4.98 | 64.41 -10.37 -4.22 | 59.09 -9.81 1.66 | 54.74 -8.55 7.40 | 52.66 -9.06 8.53 | 61.64 -8.17 0.60 | 64.47 -7.85 -2.21 |
| NIAGARA____ 23760 | 96.70 -8.52 0.00 | 79.30 -6.34 0.00 | 73.14 -5.93 0.00 | 79.46 -6.72 0.00 | 79.47 -6.54 0.00 | 79.39 -5.61 0.00 | 80.55 -6.81 0.00 | 111.76 -12.83 0.00 | 114.00 -13.09 0.00 | 79.36 -8.36 -0.63 | 76.67 -8.69 -0.18 | 74.52 -8.47 0.00 | 73.90 -8.21 0.00 | 72.90 -8.28 0.00 | 76.11 -8.84 0.00 | 63.96 -7.34 -0.74 | 63.93 -8.95 -2.39 | 67.00 -8.70 -4.98 | 65.45 -9.32 -4.20 | 60.06 -8.82 1.67 | 55.67 -7.64 7.39 | 53.25 -8.92 8.07 | 61.85 -8.03 0.53 | 65.11 -7.22 -2.21 |
| NINE_MILE_1 23575 | 101.33 -3.89 0.00 | 82.47 -3.17 0.00 | 76.14 -2.92 0.00 | 82.91 -3.27 0.00 | 82.83 -3.18 0.00 | 82.12 -2.89 0.00 | 84.49 -2.88 0.00 | 120.11 -4.48 0.00 | 122.52 -4.57 0.00 | 84.04 -3.05 0.00 | 82.12 -3.06 0.00 | 80.00 -2.98 0.00 | 79.15 -2.95 0.00 | 78.26 -2.92 0.00 | 81.89 -3.05 0.00 | 67.95 -2.61 0.00 | 67.82 -2.68 0.00 | 69.40 -2.54 -1.22 | 67.81 -2.75 0.00 | 67.91 -2.68 -0.04 | 68.33 -2.61 -0.25 | 67.37 -2.88 0.00 | 67.66 -2.75 0.00 | 67.57 -2.66 -0.12 |
| NINE_MILE_2 23744 | 101.33 -3.89 0.00 | 82.47 -3.17 0.00 | 76.14 -2.92 0.00 | 82.91 -3.27 0.00 | 82.83 -3.18 0.00 | 82.12 -2.89 0.00 | 84.49 -2.88 0.00 | 120.11 -4.48 0.00 | 122.52 -4.57 0.00 | 84.04 -3.05 0.00 | 82.12 -3.06 0.00 | 80.00 -2.98 0.00 | 79.15 -2.95 0.00 | 78.26 -2.92 0.00 | 81.89 -3.05 0.00 | 67.95 -2.61 0.00 | 67.82 -2.68 0.00 | 69.39 -2.54 -1.21 | 67.81 -2.75 0.00 | 67.91 -2.68 -0.04 | 68.33 -2.61 -0.25 | 67.37 -2.88 0.00 | 67.66 -2.75 0.00 | 67.57 -2.66 -0.12 |
| NM_CAPITAL__DRP 24208 | 140.37 6.21 -28.94 | 126.67 5.14 -35.90 | 124.82 4.74 -41.00 | 109.61 5.08 -18.35 | 117.54 4.99 -26.54 | 140.70 4.85 -50.85 | 166.66 4.89 -74.40 | 194.05 6.73 -62.74 | 153.71 7.12 -19.51 | 114.59 5.14 -22.36 | 91.85 5.20 -1.47 | 87.96 4.98 0.00 | 87.03 4.93 0.00 | 86.05 4.87 0.00 | 90.12 5.18 0.00 | 99.06 3.81 -24.68 | 116.07 3.74 -41.84 | 163.45 3.68 -89.05 | 148.54 3.67 -74.31 | 123.41 3.74 -49.12 | 119.70 3.75 -45.26 | 109.94 3.86 -35.82 | 96.98 4.08 -22.49 | 109.35 4.21 -35.03 |

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| NM_CENTRAL___DRP 24181 | 103.96 -1.26 0.00 | 84.52 -1.11 0.00 | 77.96 -1.11 0.00 | 84.98 -1.21 0.00 | 84.89 -1.12 0.00 | 84.33 -0.68 0.00 | 86.93 -0.44 0.00 | 123.59 -1.00 0.00 | 126.07 -1.02 0.00 | 86.85 -0.61 -0.37 | 84.49 -0.77 -0.08 | 82.24 -0.75 0.00 | 81.37 -0.74 0.00 | 80.45 -0.73 0.00 | 84.18 -0.76 0.00 | 70.30 -0.71 -0.44 | 69.58 -0.92 0.00 | 72.00 -0.78 -2.06 | 69.65 -0.92 0.00 | 69.70 -0.92 -0.06 | 70.27 -0.85 -0.42 | 69.13 -1.12 0.00 | 69.35 -1.06 0.00 | 69.20 -1.12 -0.21 |
| NM_FRONTIER___DRP 24179 | 95.96 -9.26 0.00 | 78.87 -6.77 0.00 | 72.82 -6.25 0.00 | 79.03 -7.15 0.00 | 79.04 -6.97 0.00 | 79.06 -5.95 0.00 | 79.68 -7.69 0.00 | 110.51 -14.08 0.00 | 112.47 -14.62 0.00 | 78.49 -9.23 -0.63 | 76.16 -9.20 -0.18 | 74.10 -8.88 0.00 | 73.07 -9.03 0.00 | 72.17 -9.01 0.00 | 75.26 -9.68 0.00 | 63.26 -8.04 -0.74 | 63.03 -9.87 -2.40 | 66.22 -9.48 -4.98 | 64.41 -10.37 -4.22 | 59.09 -9.81 1.66 | 54.74 -8.55 7.40 | 52.66 -9.06 8.53 | 61.64 -8.17 0.60 | 64.47 -7.85 -2.21 |
| NM_ST_REGIS___HYD 24053 | 103.65 -1.58 0.00 | 84.52 -1.11 0.00 | 78.52 -0.55 0.00 | 85.32 -0.86 0.00 | 84.81 -1.20 0.00 | 82.88 -2.13 0.00 | 83.79 -3.58 0.00 | 119.98 -4.61 0.00 | 122.26 -4.83 0.00 | 83.69 -3.40 0.00 | 82.46 -2.73 0.00 | 80.08 -2.90 0.00 | 79.48 -2.63 0.00 | 78.50 -2.68 0.00 | 81.71 -3.23 0.00 | 68.45 -2.12 0.00 | 68.52 -1.97 0.00 | 68.38 -2.33 0.00 | 68.38 -2.19 0.00 | 68.15 -2.40 0.00 | 68.15 -2.55 0.00 | 68.85 -1.41 0.00 | 68.93 -1.48 0.00 | 69.27 -0.84 0.00 |
| NORTHPORT___1 23551 | 123.78 11.26 -7.29 | 106.56 10.53 -10.40 | 104.60 9.48 -16.05 | 103.22 10.08 -6.96 | 109.48 9.97 -13.50 | 115.95 10.54 -20.40 | 147.22 11.19 -48.67 | 160.34 16.57 -19.18 | 147.15 15.12 -4.95 | 118.95 11.58 -20.28 | 99.38 10.73 -3.46 | 93.27 10.29 0.00 | 91.13 9.03 0.00 | 90.51 9.33 0.00 | 95.22 10.27 0.00 | 110.18 8.96 -30.65 | 121.42 8.88 -42.04 | 138.93 9.41 -58.80 | 137.25 9.39 -57.30 | 127.88 9.31 -48.01 | 125.52 9.33 -45.49 | 117.78 8.92 -38.60 | 106.18 9.22 -26.55 | 92.65 7.92 -14.62 |
| NORTHPORT___2 23552 | 123.78 11.26 -7.29 | 106.56 10.53 -10.40 | 104.60 9.48 -16.05 | 103.22 10.08 -6.96 | 109.48 9.97 -13.50 | 115.95 10.54 -20.40 | 147.22 11.19 -48.67 | 160.34 16.57 -19.18 | 147.15 15.12 -4.95 | 118.95 11.58 -20.28 | 99.38 10.73 -3.46 | 93.27 10.29 0.00 | 91.13 9.03 0.00 | 90.51 9.33 0.00 | 95.22 10.27 0.00 | 110.18 8.96 -30.65 | 121.42 8.88 -42.04 | 138.93 9.41 -58.80 | 137.25 9.39 -57.30 | 127.88 9.31 -48.01 | 125.52 9.33 -45.49 | 117.78 8.92 -38.60 | 106.18 9.22 -26.55 | 92.65 7.92 -14.62 |
| NORTHPORT___3 23553 | 122.93 10.42 -7.29 | 105.61 9.59 -10.39 | 103.70 8.62 -16.02 | 102.26 9.13 -6.94 | 108.50 9.03 -13.46 | 114.72 9.35 -20.36 | 146.17 10.30 -48.50 | 157.33 13.58 -19.16 | 145.89 13.85 -4.95 | 118.25 10.89 -20.28 | 98.78 10.13 -3.46 | 92.61 9.62 0.00 | 90.64 8.54 0.00 | 89.95 8.77 0.00 | 94.54 9.60 0.00 | 109.52 8.39 -30.57 | 120.53 8.17 -41.86 | 137.20 7.78 -58.70 | 135.45 7.76 -57.13 | 126.49 8.11 -47.83 | 124.36 8.34 -45.32 | 117.11 8.43 -38.44 | 105.51 8.66 -26.45 | 92.09 7.36 -14.62 |
| NORTHPORT___4 23650 | 122.93 10.42 -7.29 | 105.61 9.59 -10.39 | 103.70 8.62 -16.02 | 102.26 9.13 -6.94 | 108.50 9.03 -13.46 | 114.72 9.35 -20.36 | 146.17 10.30 -48.50 | 157.33 13.58 -19.16 | 145.89 13.85 -4.95 | 118.25 10.89 -20.28 | 98.78 10.13 -3.46 | 92.61 9.62 0.00 | 90.64 8.54 0.00 | 89.95 8.77 0.00 | 94.54 9.60 0.00 | 109.52 8.39 -30.57 | 120.53 8.17 -41.86 | 137.20 7.78 -58.70 | 135.45 7.76 -57.13 | 126.49 8.11 -47.83 | 124.36 8.34 -45.32 | 117.11 8.43 -38.44 | 105.51 8.66 -26.45 | 92.09 7.36 -14.62 |
| NORTHPORT___IC 23718 | 124.09 11.57 -7.29 | 106.65 10.62 -10.40 | 104.61 9.49 -16.05 | 103.31 10.17 -6.96 | 109.49 9.98 -13.50 | 115.78 10.37 -20.40 | 147.31 11.27 -48.67 | 160.34 16.57 -19.18 | 148.05 16.01 -4.95 | 118.95 11.58 -20.28 | 99.46 10.82 -3.46 | 93.03 10.04 0.00 | 90.97 8.87 0.00 | 90.52 9.34 0.00 | 95.22 10.28 0.00 | 110.18 8.96 -30.65 | 121.42 8.88 -42.04 | 138.40 9.41 -58.28 | 137.18 9.31 -57.30 | 127.81 9.24 -48.01 | 125.45 9.26 -45.49 | 117.78 8.92 -38.60 | 106.18 9.22 -26.55 | 92.65 7.92 -14.62 |
| NORTH___COUNTRY_ESR 323785 | 104.07 -1.16 0.00 | 84.78 -0.86 0.00 | 78.60 -0.47 0.00 | 85.58 -0.60 0.00 | 85.23 -0.78 0.00 | 83.64 -1.36 0.00 | 85.10 -2.27 0.00 | 121.35 -3.24 0.00 | 123.78 -3.30 0.00 | 84.92 -2.17 0.00 | 83.48 -1.70 0.00 | 80.99 -1.99 0.00 | 80.13 -1.97 0.00 | 79.32 -1.86 0.00 | 82.73 -2.21 0.00 | 69.36 -1.20 0.00 | 69.44 -1.06 0.00 | 69.23 -1.49 0.00 | 69.01 -1.55 0.00 | 68.93 -1.62 0.00 | 68.72 -1.98 0.00 | 68.85 -1.40 0.00 | 68.65 -1.76 0.00 | 68.99 -1.12 0.00 |
| NPX_GEN_1385_PROXY 323591 | 123.78 11.26 -7.29 | 107.16 11.13 -10.40 | 105.00 9.88 -16.05 | 104.00 10.86 -6.96 | 110.00 10.49 -13.50 | 117.40 11.99 -20.40 | 146.87 10.83 -48.67 | 161.58 17.81 -19.18 | 146.14 14.11 -4.95 | 118.43 11.06 -20.28 | 98.95 10.30 -3.46 | 93.19 10.20 0.00 | 90.80 8.70 0.00 | 90.27 9.09 0.00 | 94.88 9.93 0.00 | 109.61 8.39 -30.65 | 120.51 7.96 -42.04 | 139.00 9.48 -58.80 | 136.83 8.96 -57.30 | 126.96 8.39 -48.01 | 124.46 8.27 -45.49 | 116.65 7.80 -38.60 | 105.33 8.37 -26.55 | 92.16 7.43 -14.62 |
| NPX_GEN_CSC 323557 | 124.40 11.89 -7.29 | 108.10 12.08 -10.39 | 106.06 10.99 -16.00 | 104.84 11.72 -6.94 | 111.06 11.61 -13.44 | 117.59 12.24 -20.34 | 149.15 13.37 -48.42 | 163.42 19.68 -19.15 | 149.45 17.41 -4.95 | 120.77 13.41 -20.28 | 100.23 11.58 -3.46 | 94.60 11.62 0.00 | 91.46 9.36 0.00 | 91.66 10.48 0.00 | 96.58 11.64 0.00 | 111.92 10.44 -30.92 | 123.07 10.51 -42.07 | 141.02 11.45 -58.85 | 139.21 11.51 -57.14 | 129.88 11.43 -47.90 | 127.56 11.45 -45.41 | 119.22 10.40 -38.57 | 107.79 10.98 -26.40 | 94.19 9.46 -14.62 |
| NSINS_S___GLNS_FALLS 23858 | 157.76 5.79 -46.75 | 148.00 4.37 -57.99 | 149.34 4.03 -66.24 | 120.13 4.31 -29.64 | 133.19 4.30 -42.87 | 171.67 4.51 -82.15 | 212.73 5.15 -120.20 | 233.17 7.23 -101.35 | 166.10 7.50 -31.52 | 127.04 6.62 -33.33 | 93.16 6.30 -1.67 | 89.12 6.14 0.00 | 88.18 6.08 0.00 | 87.27 6.09 0.00 | 91.40 6.46 0.00 | 112.73 5.57 -36.59 | 136.21 4.30 -61.41 | 194.74 4.46 -119.57 | 184.16 4.52 -109.08 | 146.76 4.44 -71.77 | 139.22 4.38 -64.14 | 126.91 4.07 -52.58 | 107.36 3.94 -33.01 | 123.97 3.58 -50.28 |
| NUCOR_STEEL___DRP 24197 | 105.96 0.74 0.00 | 86.15 0.51 0.00 | 79.54 0.47 0.00 | 86.61 0.43 0.00 | 86.53 0.52 0.00 | 86.11 1.11 0.00 | 88.77 1.40 0.00 | 126.09 1.50 0.00 | 128.49 1.40 0.00 | 88.68 1.05 -0.54 | 86.10 0.77 -0.15 | 83.81 0.83 0.00 | 82.84 0.74 0.00 | 81.83 0.65 0.00 | 85.62 0.68 0.00 | 71.76 0.56 -0.63 | 72.89 0.35 -2.04 | 78.29 0.57 -7.01 | 74.61 0.42 -3.63 | 73.49 0.49 -2.45 | 73.81 0.57 -2.55 | 72.07 0.07 -1.75 | 71.58 0.07 -1.10 | 71.92 -0.07 -1.88 |
| NUMBER_THREE_WT_PWR 323818 | 106.28 1.05 0.00 | 86.40 0.77 0.00 | 79.94 0.87 0.00 | 87.91 1.72 0.00 | 87.90 1.89 0.00 | 86.71 1.70 0.00 | 89.11 1.75 0.00 | 128.70 4.11 0.00 | 131.15 4.07 0.00 | 89.44 2.35 0.00 | 86.54 1.36 0.00 | 84.15 1.16 0.00 | 83.01 0.90 0.00 | 82.16 0.98 0.00 | 85.79 0.85 0.00 | 71.62 1.06 0.00 | 71.48 0.99 0.00 | 72.13 0.71 -0.70 | 71.41 0.85 0.00 | 70.72 0.14 -0.02 | 71.00 0.14 -0.16 | 70.39 0.14 0.00 | 70.55 0.14 0.00 | 70.05 -0.14 -0.08 |
| NYISO_LBMP_REFERENCE 24008 | 105.22 0.00 0.00 | 85.64 0.00 0.00 | 79.07 0.00 0.00 | 86.18 0.00 0.00 | 86.01 0.00 0.00 | 85.01 0.00 0.00 | 87.37 0.00 0.00 | 124.59 0.00 0.00 | 127.09 0.00 0.00 | 87.09 0.00 0.00 | 85.18 0.00 0.00 | 82.98 0.00 0.00 | 82.11 0.00 0.00 | 81.18 0.00 0.00 | 84.94 0.00 0.00 | 70.56 0.00 0.00 | 70.50 0.00 0.00 | 70.72 0.00 0.00 | 70.56 0.00 0.00 | 70.55 0.00 0.00 | 70.70 0.00 0.00 | 70.25 0.00 0.00 | 70.41 0.00 0.00 | 70.11 0.00 0.00 |

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|--------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| NYPA_BRENTWD____GT 24164 | 124.92 12.41 -7.29 | 107.49 11.48 -10.37 | 105.37 10.36 -15.94 | 104.13 11.03 -6.92 | 110.31 10.92 -13.37 | 116.74 11.47 -20.26 | 147.89 12.40 -48.12 | 161.89 18.19 -19.11 | 149.07 17.04 -4.95 | 120.17 12.81 -20.28 | 100.41 11.76 -3.46 | 94.27 11.28 0.00 | 91.95 9.85 0.00 | 91.41 10.23 0.00 | 96.24 11.30 0.00 | 111.68 9.88 -31.24 | 122.47 9.87 -42.11 | 140.08 10.46 -58.90 | 138.02 10.52 -56.94 | 128.76 10.44 -47.77 | 126.49 10.46 -45.33 | 118.70 9.91 -38.54 | 106.83 10.21 -26.22 | 93.49 8.76 -14.62 |
| NYPA_GOWANUS____GT5 24156 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NYPA_GOWANUS____GT6 24157 | 123.45 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.95 7.48 -38.46 | 136.80 8.39 -41.04 | 197.04 12.71 -59.74 | 245.08 12.97 -105.02 | 282.97 9.84 -186.04 | 273.36 9.45 -178.73 | 196.44 9.46 -104.00 | 196.44 9.11 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.76 7.69 -176.50 | 202.11 7.62 -124.00 | 286.77 7.71 -208.34 | 237.41 7.76 -159.09 | 269.84 7.97 -191.32 | 192.53 8.06 -113.78 | 171.83 7.80 -93.78 | 188.70 7.88 -110.41 | 130.49 6.94 -53.44 |
| NYPA_HARLEM__RVR__GT1 24160 | 122.83 10.32 -7.29 | 102.29 7.62 -9.03 | 96.19 6.80 -10.32 | 97.86 7.07 -4.61 | 99.40 6.71 -6.67 | 104.69 6.88 -12.80 | 113.87 7.77 -18.73 | 151.97 11.59 -15.79 | 143.93 11.94 -4.90 | 116.40 9.06 -20.26 | 97.42 8.78 -3.46 | 91.77 8.79 0.01 | 90.56 8.46 0.01 | 89.46 8.28 0.01 | 93.77 8.83 0.01 | 101.08 7.12 -23.40 | 93.69 7.12 -16.08 | 123.22 7.07 -45.43 | 106.25 7.12 -28.56 | 97.11 7.34 -19.22 | 97.87 7.49 -19.68 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.09 6.38 -14.60 |
| NYPA_HARLEM__RVR__GT2 24161 | 122.83 10.32 -7.29 | 102.29 7.62 -9.03 | 96.19 6.80 -10.32 | 97.86 7.07 -4.61 | 99.40 6.71 -6.67 | 104.69 6.88 -12.80 | 113.87 7.77 -18.73 | 151.97 11.59 -15.79 | 143.93 11.94 -4.90 | 116.40 9.06 -20.26 | 97.42 8.78 -3.46 | 91.77 8.79 0.01 | 90.56 8.46 0.01 | 89.46 8.28 0.01 | 93.77 8.83 0.01 | 101.08 7.12 -23.40 | 93.69 7.12 -16.08 | 123.22 7.07 -45.43 | 106.25 7.12 -28.56 | 97.11 7.34 -19.22 | 97.87 7.49 -19.68 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.09 6.38 -14.60 |
| NYPA_KENT____GT 24152 | 123.25 10.74 -7.29 | 122.17 8.14 -28.39 | 113.55 7.27 -27.22 | 116.38 7.67 -22.53 | 117.91 7.31 -24.59 | 119.98 7.48 -27.49 | 127.26 8.39 -31.51 | 178.00 12.46 -40.95 | 202.02 12.71 -62.23 | 211.93 9.67 -115.17 | 198.39 9.37 -103.84 | 153.83 9.37 -61.47 | 153.83 8.95 -62.77 | 139.18 8.85 -49.15 | 145.78 9.43 -51.40 | 189.24 7.62 -111.05 | 156.91 7.55 -78.87 | 216.99 7.57 -138.70 | 181.48 7.62 -103.29 | 196.06 7.76 -117.75 | 152.17 7.92 -73.56 | 138.11 7.66 -60.20 | 145.88 7.74 -67.73 | 113.83 6.88 -36.84 |
| NYPA_POUCH1____GT 24155 | 123.14 10.62 -7.29 | 136.27 7.79 -42.84 | 125.77 6.88 -39.83 | 129.33 7.24 -35.91 | 130.94 6.96 -37.97 | 76.13 7.05 15.93 | 136.36 7.95 -41.04 | 196.41 12.08 -59.74 | 244.43 12.32 -105.02 | 282.45 9.32 -186.04 | 272.93 9.03 -178.73 | 83.90 8.97 8.05 | 83.88 8.62 6.84 | 83.88 8.52 5.82 | 83.91 9.09 10.13 | 254.40 7.34 -176.50 | 201.83 7.33 -124.00 | 286.41 7.35 -208.34 | 237.06 7.41 -159.09 | 269.49 7.62 -191.32 | 192.18 7.71 -113.78 | 171.48 7.44 -93.78 | 188.43 7.61 -110.41 | 130.21 6.66 -53.44 |
| NYPA_VERNON____GT2 24162 | 123.03 10.52 -7.29 | 107.72 8.14 -13.94 | 100.94 7.27 -14.60 | 103.01 7.67 -9.16 | 104.54 7.31 -11.22 | 108.93 7.39 -16.53 | 117.73 8.39 -21.97 | 159.22 12.46 -22.17 | 159.23 12.71 -19.43 | 140.98 9.58 -44.31 | 123.42 9.29 -28.95 | 111.14 9.21 -18.94 | 111.30 8.87 -20.33 | 102.40 8.77 -12.45 | 107.31 9.34 -13.02 | 123.65 7.48 -45.61 | 111.70 7.47 -33.74 | 147.27 7.49 -69.06 | 125.61 7.55 -47.50 | 122.42 7.69 -44.18 | 111.88 7.85 -33.34 | 104.46 7.59 -26.62 | 103.13 7.68 -25.05 | 97.15 6.80 -20.24 |
| NYPA_VERNON____GT3 24163 | 123.03 10.52 -7.29 | 107.72 8.14 -13.94 | 100.94 7.27 -14.60 | 103.01 7.67 -9.16 | 104.54 7.31 -11.22 | 108.93 7.39 -16.53 | 117.73 8.39 -21.97 | 159.22 12.46 -22.17 | 159.23 12.71 -19.43 | 140.98 9.58 -44.31 | 123.42 9.29 -28.95 | 111.14 9.21 -18.94 | 111.30 8.87 -20.33 | 102.40 8.77 -12.45 | 107.31 9.34 -13.02 | 123.65 7.48 -45.61 | 111.70 7.47 -33.74 | 147.27 7.49 -69.06 | 125.61 7.55 -47.50 | 122.42 7.69 -44.18 | 111.88 7.85 -33.34 | 104.46 7.59 -26.62 | 103.13 7.68 -25.05 | 97.15 6.80 -20.24 |
| NYPA__ASTORIA_CC1 323568 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.19 -10.32 | 98.39 7.59 -4.62 | 99.92 7.23 -6.68 | 105.12 7.31 -12.80 | 114.31 8.21 -18.74 | 152.61 12.22 -15.80 | 144.46 9.49 -4.91 | 116.85 9.20 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.37 7.41 -23.40 | 96.00 7.40 -18.10 | 123.58 7.42 -45.43 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.61 -10.30 | 91.45 6.73 -14.61 |
| NYPA__ASTORIA_CC2 323569 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.19 -10.32 | 98.39 7.59 -4.62 | 99.92 7.23 -6.68 | 105.12 7.31 -12.80 | 114.31 8.21 -18.74 | 152.61 12.22 -15.80 | 144.46 9.49 -4.91 | 116.85 9.20 -20.26 | 97.92 9.20 -3.53 | 96.00 9.13 -3.89 | 96.00 8.79 -5.10 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.37 7.41 -23.40 | 96.00 7.40 -18.10 | 123.58 7.42 -45.43 | 106.61 7.48 -28.57 | 97.40 7.62 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.31 7.61 -10.30 | 91.45 6.73 -14.61 |
| NYPA__HOLTSVILL 23794 | 124.30 11.78 -7.29 | 107.07 11.05 -10.39 | 105.12 10.04 -16.01 | 103.81 10.68 -6.94 | 110.03 10.58 -13.45 | 116.49 11.13 -20.35 | 147.87 12.06 -48.44 | 161.43 17.68 -19.15 | 148.44 16.40 -4.95 | 119.73 12.36 -20.28 | 99.89 11.24 -3.46 | 93.77 10.78 0.00 | 91.38 9.28 0.00 | 91.00 9.82 0.00 | 95.82 10.88 0.00 | 111.05 9.59 -30.89 | 122.15 9.59 -42.07 | 139.81 10.25 -58.84 | 137.95 10.23 -57.16 | 128.63 10.16 -47.91 | 126.37 10.25 -45.42 | 118.45 9.63 -38.58 | 106.82 9.99 -26.42 | 93.28 8.55 -14.62 |
| NYPA__HELLGATE_GT1 24158 | 122.83 10.32 -7.29 | 102.29 7.62 -9.03 | 96.19 6.80 -10.32 | 97.86 7.07 -4.61 | 99.40 6.71 -6.67 | 104.69 6.88 -12.80 | 113.87 7.77 -18.73 | 151.97 11.59 -15.79 | 143.93 11.94 -4.90 | 116.40 9.06 -20.26 | 97.42 8.78 -3.46 | 91.77 8.79 0.01 | 90.56 8.46 0.01 | 89.46 8.28 0.01 | 93.77 8.83 0.01 | 101.08 7.12 -23.40 | 93.69 7.12 -16.08 | 123.22 7.07 -45.43 | 106.25 7.12 -28.56 | 97.11 7.34 -19.22 | 97.87 7.49 -19.68 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.09 6.38 -14.60 |
| NYPA__HELLGATE_GT2 24159 | 122.83 10.32 -7.29 | 102.29 7.62 -9.03 | 96.19 6.80 -10.32 | 97.86 7.07 -4.61 | 99.40 6.71 -6.67 | 104.69 6.88 -12.80 | 113.87 7.77 -18.73 | 151.97 11.59 -15.79 | 143.93 11.94 -4.90 | 116.40 9.06 -20.26 | 97.42 8.78 -3.46 | 91.77 8.79 0.01 | 90.56 8.46 0.01 | 89.46 8.28 0.01 | 93.77 8.83 0.01 | 101.08 7.12 -23.40 | 93.69 7.12 -16.08 | 123.22 7.07 -45.43 | 106.25 7.12 -28.56 | 97.11 7.34 -19.22 | 97.87 7.49 -19.68 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.09 6.38 -14.60 |
| NYS_BARGE__HYD 23848 | 96.60 -8.63 0.00 | 79.21 -6.42 0.00 | 73.06 -6.01 0.00 | 79.28 -6.90 0.00 | 79.39 -6.62 0.00 | 79.39 -5.61 0.00 | 80.72 -6.64 0.00 | 112.01 -12.58 0.00 | 114.26 -8.19 0.00 | 79.52 -8.60 -0.62 | 76.76 -8.38 -0.18 | 74.61 -7.96 0.00 | 74.14 -8.04 0.00 | 73.14 -8.67 0.00 | 76.28 -7.12 0.00 | 64.16 -8.81 -0.72 | 64.02 -8.81 -2.34 | 67.13 -8.49 -4.90 | 65.64 -9.03 -4.11 | 61.29 -7.83 1.43 | 57.67 -6.29 6.73 | 54.71 -8.01 7.54 | 62.84 -7.11 0.46 | 65.18 -7.08 -2.15 |

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| OAK ORCHARD___HYD 24046 | 101.33 -3.89 0.00 | 82.81 -2.82 0.00 | 76.38 -2.69 0.00 | 83.08 -3.10 0.00 | 83.09 -2.92 0.00 | 82.89 -2.12 0.00 | 84.92 -2.45 0.00 | 119.24 -5.35 0.00 | 121.75 -5.33 0.00 | 84.29 -3.31 -0.51 | 81.58 -3.75 -0.14 | 79.33 -3.65 0.00 | 78.58 -3.53 0.00 | 77.61 -3.57 0.00 | 81.04 -3.91 0.00 | 67.84 -3.32 -0.60 | 68.38 -4.02 -1.90 | 71.28 -3.75 -4.31 | 69.20 -4.73 -3.37 | 68.45 -4.37 -2.27 | 69.26 -3.82 -2.38 | 67.05 -4.85 -1.65 | 67.00 -4.43 -1.02 | 68.50 -3.36 -1.75 |
| OAKDALE___35_KV_LOAD 356122 | 108.07 0.53 -2.32 | 88.94 0.43 -2.88 | 82.67 0.32 -3.29 | 87.91 0.26 -1.47 | 88.48 0.34 -2.13 | 89.93 0.85 -4.07 | 94.38 1.05 -5.96 | 130.24 0.62 -5.03 | 129.29 0.64 -1.56 | 90.61 0.61 -2.91 | 86.00 0.43 -0.39 | 83.40 0.41 0.00 | 82.52 0.41 0.00 | 81.59 0.41 0.00 | 85.37 0.42 0.00 | 74.07 0.21 -3.29 | 75.98 -0.07 -5.55 | 84.61 0.00 -13.89 | 80.78 0.35 -9.86 | 77.63 0.42 -6.65 | 78.06 0.57 -6.79 | 75.15 0.14 -4.76 | 73.67 0.28 -2.99 | 74.71 -0.42 -5.02 |
| OCC_CHEM___DRP 24175 | 96.18 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.22 -6.79 0.00 | 79.14 -5.87 0.00 | 79.85 -7.51 0.00 | 110.64 -13.95 0.00 | 112.73 -14.36 0.00 | 78.67 -9.06 -0.63 | 76.25 -9.11 -0.18 | 74.27 -8.71 0.00 | 73.24 -8.87 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.40 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.37 -9.33 -4.98 | 64.56 -10.23 -4.23 | 59.16 -9.74 1.66 | 54.81 -8.48 7.40 | 52.66 -8.99 8.60 | 61.70 -8.10 0.61 | 64.54 -7.78 -2.21 |
| OH_GEN_PROXY 24063 | 90.00 -8.31 6.91 | 79.47 -6.17 0.00 | 73.30 -5.77 0.00 | 79.63 -6.55 0.00 | 72.50 -6.36 7.15 | 75.20 -5.44 4.37 | 80.81 -6.55 0.00 | 77.16 -12.34 35.09 | 77.11 -12.58 37.39 | 77.03 -8.01 2.05 | 61.68 -8.34 15.16 | 61.57 -8.13 13.28 | 53.86 -7.96 20.28 | 53.93 -7.95 19.30 | 58.16 -8.49 18.29 | 58.09 -7.06 5.42 | 64.14 -8.74 -2.38 | 67.32 -8.42 -5.02 | 65.73 -9.03 -4.20 | 60.97 -8.54 1.05 | 57.30 -7.42 5.98 | 54.83 -8.71 6.71 | 62.31 -7.82 0.28 | 65.22 -7.08 -2.19 |
| OLIN_CORP_DRP 24177 | 95.54 -9.68 0.00 | 78.36 -7.28 0.00 | 72.35 -6.72 0.00 | 78.51 -7.67 0.00 | 78.53 -7.48 0.00 | 78.55 -6.46 0.00 | 79.68 -7.69 0.00 | 110.51 -14.08 0.00 | 112.47 -14.62 0.00 | 78.50 -9.23 -0.64 | 76.17 -9.20 -0.18 | 74.10 -8.88 0.00 | 73.07 -9.03 0.00 | 72.09 -9.09 0.00 | 75.26 -9.68 0.00 | 63.27 -8.04 -0.75 | 63.13 -9.80 -2.43 | 66.26 -9.48 -5.01 | 64.68 -10.16 -4.28 | 59.60 -9.24 1.71 | 55.21 -7.99 7.50 | 52.76 -9.13 8.36 | 61.66 -8.17 0.58 | 64.28 -8.06 -2.23 |
| OLIN_CORP_DSASP 323712 | 96.17 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.21 -6.80 0.00 | 79.14 -5.86 0.00 | 79.94 -7.43 0.00 | 110.76 -13.83 0.00 | 112.98 -14.11 0.00 | 78.67 -9.06 -0.63 | 75.99 -9.37 -0.18 | 73.86 -9.13 0.00 | 73.16 -8.95 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.41 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.38 -9.34 -5.00 | 64.63 -10.16 -4.23 | 59.30 -9.59 1.66 | 54.74 -8.56 7.40 | 52.59 -9.06 8.60 | 61.70 -8.09 0.61 | 64.54 -7.78 -2.21 |
| ONEIDA_HERK_LFGE 323681 | 107.65 2.42 0.00 | 87.61 1.97 0.00 | 80.89 1.82 0.00 | 88.51 2.33 0.00 | 88.51 2.50 0.00 | 87.73 2.72 0.00 | 90.34 2.97 0.00 | 129.44 4.85 0.00 | 132.04 4.95 0.00 | 90.22 3.13 0.00 | 87.56 2.38 0.00 | 85.39 2.41 0.00 | 84.32 2.22 0.00 | 83.45 2.27 0.00 | 87.24 2.29 0.00 | 72.61 2.05 0.00 | 72.47 1.97 0.00 | 73.20 1.84 -0.65 | 72.61 2.05 0.00 | 72.20 1.62 -0.02 | 72.46 1.63 -0.14 | 71.73 1.48 0.00 | 71.89 1.48 0.00 | 71.37 1.19 -0.07 |
| ONEIDA___115KV_TB4 55905 | 108.59 3.37 0.00 | 88.29 2.65 0.00 | 81.52 2.45 0.00 | 88.94 2.76 0.00 | 88.93 2.92 0.00 | 88.49 3.49 0.00 | 91.30 3.93 0.00 | 130.32 5.73 0.00 | 132.81 5.72 0.00 | 90.84 3.74 0.00 | 88.42 3.24 0.00 | 86.14 3.15 0.00 | 85.14 3.04 0.00 | 84.18 3.00 0.00 | 88.09 3.14 0.00 | 73.24 2.68 0.00 | 73.03 2.54 0.00 | 74.50 2.48 -1.31 | 73.17 2.61 0.00 | 72.99 2.40 -0.04 | 73.37 2.40 -0.27 | 72.36 2.11 0.00 | 72.52 2.11 0.00 | 72.00 1.75 -0.13 |
| ONONDAGA_REF_OCCRA 23987 | 104.70 -0.53 0.00 | 85.12 -0.51 0.00 | 78.59 -0.47 0.00 | 85.58 -0.60 0.00 | 85.49 -0.52 0.00 | 84.92 -0.09 0.00 | 87.63 0.26 0.00 | 124.59 0.00 0.00 | 127.09 0.00 0.00 | 87.65 0.09 -0.47 | 85.23 -0.09 -0.13 | 82.90 -0.08 0.00 | 81.94 -0.16 0.00 | 81.02 -0.16 0.00 | 84.77 -0.17 0.00 | 70.90 -0.21 -0.55 | 71.89 -0.35 -1.74 | 76.41 -0.21 -5.90 | 73.38 -0.28 -3.09 | 72.36 -0.28 -2.09 | 72.67 -0.21 -2.19 | 71.18 -0.56 -1.49 | 70.85 -0.49 -0.94 | 71.09 -0.63 -1.61 |
| ONONDAGA___COGEN 23986 | 104.91 -0.32 0.00 | 85.29 -0.34 0.00 | 78.75 -0.32 0.00 | 85.75 -0.43 0.00 | 85.67 -0.34 0.00 | 85.09 0.09 0.00 | 87.72 0.35 0.00 | 124.72 0.12 0.00 | 127.21 0.13 0.00 | 87.71 0.17 -0.45 | 85.27 0.00 -0.09 | 82.98 0.00 0.00 | 82.11 0.00 0.00 | 81.18 0.00 0.00 | 84.94 0.00 0.00 | 71.02 -0.07 -0.53 | 70.29 -0.21 0.00 | 73.09 -0.07 -2.44 | 70.35 -0.21 0.00 | 70.49 -0.14 -0.07 | 71.13 -0.07 -0.50 | 69.76 -0.49 0.00 | 69.98 -0.42 0.00 | 69.87 -0.49 -0.25 |
| ONTARIO___LFGE 23819 | 104.49 -0.73 0.00 | 85.38 -0.26 0.00 | 78.68 -0.39 0.00 | 85.67 -0.51 0.00 | 85.75 -0.26 0.00 | 85.61 0.60 0.00 | 88.06 0.70 0.00 | 124.47 -0.12 0.00 | 126.96 -0.13 0.00 | 87.70 0.00 -0.61 | 84.85 -0.51 -0.17 | 82.49 -0.49 0.00 | 81.62 -0.49 0.00 | 80.62 -0.56 0.00 | 84.35 -0.59 0.00 | 70.86 -0.42 -0.72 | 72.05 -0.77 -2.33 | 74.04 -0.64 -3.96 | 74.16 -0.57 -4.17 | 75.81 -0.57 -5.82 | 80.12 -0.42 -9.84 | 77.84 -1.26 -8.85 | 71.76 -1.13 -2.48 | 70.85 -1.40 -2.14 |
| ORANGEVILLE_WT_PWR 323706 | 100.62 -5.79 -1.19 | 82.65 -4.46 -1.47 | 76.56 -4.19 -1.68 | 82.03 -4.91 -0.75 | 82.37 -4.73 -1.09 | 83.53 -3.57 -2.09 | 86.23 -4.19 -3.05 | 118.57 -8.60 -2.57 | 119.24 -8.65 -0.80 | 83.00 -5.66 -1.57 | 79.27 -6.13 -0.22 | 77.01 -5.98 0.00 | 76.28 -5.83 0.00 | 75.42 -5.76 0.00 | 78.83 -6.12 0.00 | 67.33 -5.01 -1.78 | 67.23 -6.20 -2.94 | 69.83 -6.29 -5.41 | 69.53 -6.07 -5.04 | 48.73 -6.00 15.83 | 24.67 -5.38 40.66 | 22.12 -6.53 41.60 | 57.97 -6.13 6.31 | 65.86 -6.94 -2.69 |
| ORANGEVILLE___ESR 323794 | 100.62 -5.79 -1.19 | 82.65 -4.46 -1.47 | 76.56 -4.19 -1.68 | 82.03 -4.91 -0.75 | 82.37 -4.73 -1.09 | 83.53 -3.57 -2.09 | 86.23 -4.19 -3.05 | 118.57 -8.60 -2.57 | 119.24 -8.65 -0.80 | 83.00 -5.66 -1.57 | 79.27 -6.13 -0.22 | 77.01 -5.98 0.00 | 76.28 -5.83 0.00 | 75.42 -5.76 0.00 | 78.83 -6.12 0.00 | 67.33 -5.01 -1.78 | 67.23 -6.20 -2.94 | 69.83 -6.29 -5.41 | 69.53 -6.07 -5.04 | 48.73 -6.00 15.83 | 24.67 -5.38 40.66 | 22.12 -6.53 41.60 | 57.97 -6.13 6.31 | 65.86 -6.94 -2.69 |
| OSWEGATCHIE___HYD 24044 | 104.28 -0.95 0.00 | 84.86 -0.77 0.00 | 78.68 -0.39 0.00 | 85.92 -0.26 0.00 | 85.75 -0.26 0.00 | 84.24 -0.77 0.00 | 85.80 -1.57 0.00 | 123.35 -1.25 0.00 | 125.69 -1.40 0.00 | 85.79 -1.30 0.00 | 84.07 -1.11 0.00 | 81.49 -1.49 0.00 | 80.54 -1.56 0.00 | 79.80 -1.38 0.00 | 83.15 -1.79 0.00 | 69.57 -0.99 0.00 | 69.37 -1.13 0.00 | 69.81 -1.41 -0.50 | 69.36 -1.20 0.00 | 68.81 -1.76 -0.02 | 69.05 -1.76 -0.12 | 69.20 -1.05 0.00 | 69.42 -0.99 0.00 | 69.33 -0.84 -0.06 |
| OSWEGO___5 23606 | 101.85 -3.37 0.00 | 82.89 -2.74 0.00 | 76.54 -2.53 0.00 | 83.34 -2.84 0.00 | 83.25 -2.76 0.00 | 82.54 -2.47 0.00 | 84.92 -2.45 0.00 | 120.73 -3.86 0.00 | 123.28 -3.81 0.00 | 84.48 -2.61 0.00 | 82.54 -2.64 0.00 | 80.41 -2.57 0.00 | 79.56 -2.55 0.00 | 78.66 -2.52 0.00 | 82.31 -2.63 0.00 | 68.37 -2.19 0.00 | 68.24 -2.26 0.00 | 69.76 -2.19 -1.24 | 68.24 -2.33 0.00 | 68.26 -2.33 -0.04 | 68.68 -2.27 -0.25 | 67.79 -2.46 0.00 | 68.01 -2.39 0.00 | 67.99 -2.25 -0.13 |

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|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| OSWEGO___6 23613 | 101.85 -3.37 0.00 | 82.89 -2.74 0.00 | 76.54 -2.53 0.00 | 83.34 -2.84 0.00 | 83.25 -2.76 0.00 | 82.54 -2.47 0.00 | 84.92 -2.45 0.00 | 120.73 -3.86 0.00 | 123.28 -3.81 0.00 | 84.48 -2.61 0.00 | 82.54 -2.64 0.00 | 80.41 -2.57 0.00 | 79.56 -2.55 0.00 | 78.66 -2.52 0.00 | 82.31 -2.63 0.00 | 68.37 -2.19 0.00 | 68.24 -2.26 0.00 | 69.76 -2.19 -1.24 | 68.24 -2.33 0.00 | 68.26 -2.33 -0.04 | 68.68 -2.27 -0.25 | 67.79 -2.46 0.00 | 68.01 -2.39 0.00 | 67.99 -2.25 -0.13 |
| OUTOKUMPU-AB___DRP 24206 | 97.96 -7.26 0.00 | 80.33 -5.31 0.00 | 74.17 -4.90 0.00 | 80.49 -5.69 0.00 | 80.51 -5.50 0.00 | 80.59 -4.42 0.00 | 81.78 -5.59 0.00 | 113.38 -11.21 0.00 | 115.52 -11.56 0.00 | 80.59 -7.14 -0.65 | 78.21 -7.16 -0.18 | 76.01 -6.97 0.00 | 74.96 -7.14 0.00 | 74.04 -7.14 0.00 | 77.21 -7.73 0.00 | 64.90 -6.42 -0.76 | 64.84 -8.11 -2.45 | 67.90 -7.85 -5.03 | 66.69 -8.19 -4.31 | 61.14 -7.48 1.93 | 56.11 -6.50 8.09 | 53.62 -7.45 9.19 | 63.15 -6.55 0.70 | 65.64 -6.73 -2.25 |
| OXBOW___BTM 323836 | 97.22 -8.00 0.00 | 79.81 -5.83 0.00 | 73.69 -5.38 0.00 | 79.98 -6.21 0.00 | 79.99 -6.02 0.00 | 79.99 -5.02 0.00 | 80.99 -6.37 0.00 | 112.25 -12.34 0.00 | 114.64 -12.45 0.00 | 79.81 -7.92 -0.64 | 77.10 -8.26 -0.18 | 74.85 -8.13 0.00 | 74.22 -7.88 0.00 | 73.31 -7.87 0.00 | 76.45 -8.49 0.00 | 64.26 -7.06 -0.75 | 64.11 -8.81 -2.43 | 67.26 -8.49 -5.03 | 65.80 -9.03 -4.27 | 60.43 -8.33 1.80 | 55.67 -7.28 7.75 | 53.28 -8.08 8.90 | 62.50 -7.25 0.66 | 65.19 -7.15 -2.23 |
| OXBOW____ 24026 | 97.23 -8.00 0.00 | 79.81 -5.82 0.00 | 73.69 -5.38 0.00 | 79.98 -6.21 0.00 | 79.99 -6.02 0.00 | 79.99 -5.02 0.00 | 80.99 -6.38 0.00 | 112.26 -12.33 0.00 | 114.38 -12.71 0.00 | 79.81 -7.93 -0.64 | 77.36 -8.01 -0.18 | 75.27 -7.72 0.00 | 74.22 -7.88 0.00 | 73.31 -7.87 0.00 | 76.45 -8.49 0.00 | 64.26 -7.06 -0.75 | 64.11 -8.81 -2.43 | 67.24 -8.49 -5.01 | 65.73 -9.10 -4.27 | 60.29 -8.47 1.80 | 55.60 -7.35 7.75 | 53.27 -8.08 8.90 | 62.50 -7.25 0.66 | 65.19 -7.15 -2.23 |
| OXY_CHEM_DSASP 323612 | 96.18 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.22 -6.79 0.00 | 79.14 -5.87 0.00 | 79.85 -7.51 0.00 | 110.64 -13.95 0.00 | 112.73 -14.36 0.00 | 78.67 -9.06 -0.63 | 76.25 -9.11 -0.18 | 74.27 -8.71 0.00 | 73.24 -8.87 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.40 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.37 -9.33 -4.98 | 64.56 -10.23 -4.23 | 59.16 -9.74 1.66 | 54.81 -8.48 7.40 | 52.66 -8.99 8.60 | 61.70 -8.10 0.61 | 64.54 -7.78 -2.21 |
| OZONE_PARK_ESR 323760 | 123.56 11.05 -7.29 | 103.15 8.48 -9.04 | 96.98 7.59 -10.32 | 98.82 8.01 -4.62 | 100.52 7.83 -6.68 | 105.72 7.91 -12.80 | 115.01 8.91 -18.73 | 153.59 13.21 -15.80 | 145.47 13.47 -4.91 | 117.19 9.84 -20.26 | 98.19 9.54 -3.47 | 92.44 9.46 0.00 | 91.22 9.11 0.00 | 90.19 9.01 0.00 | 94.63 9.68 0.00 | 101.73 7.76 -23.40 | 94.34 7.75 -16.08 | 123.54 7.92 -44.91 | 107.03 7.90 -28.57 | 97.82 8.04 -19.22 | 98.45 8.06 -19.69 | 91.89 7.87 -13.77 | 86.94 7.89 -8.65 | 91.73 7.01 -14.61 |
| PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013 | 96.18 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.22 -6.79 0.00 | 79.14 -5.87 0.00 | 79.85 -7.51 0.00 | 110.64 -13.95 0.00 | 112.73 -14.36 0.00 | 78.67 -9.06 -0.63 | 76.25 -9.11 -0.18 | 74.27 -8.71 0.00 | 73.24 -8.87 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.40 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.37 -9.33 -4.98 | 64.56 -10.23 -4.23 | 59.16 -9.74 1.66 | 54.81 -8.48 7.40 | 52.66 -8.99 8.60 | 61.70 -8.10 0.61 | 64.54 -7.78 -2.21 |
| PACKARD___115KV_DUPONT_184 80571 | 96.18 -9.05 0.00 | 79.04 -6.59 0.00 | 72.98 -6.09 0.00 | 79.20 -6.98 0.00 | 79.22 -6.79 0.00 | 79.14 -5.87 0.00 | 79.85 -7.51 0.00 | 110.64 -13.95 0.00 | 112.73 -14.36 0.00 | 78.67 -9.06 -0.63 | 76.25 -9.11 -0.18 | 74.27 -8.71 0.00 | 73.24 -8.87 0.00 | 72.25 -8.93 0.00 | 75.43 -9.51 0.00 | 63.40 -7.90 -0.74 | 63.17 -9.73 -2.41 | 66.37 -9.33 -4.98 | 64.56 -10.23 -4.23 | 59.16 -9.74 1.66 | 54.81 -8.48 7.40 | 52.66 -8.99 8.60 | 61.70 -8.10 0.61 | 64.54 -7.78 -2.21 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 122.72 10.21 -7.29 | 102.30 7.62 -9.04 | 96.27 6.88 -10.32 | 98.04 7.24 -4.62 | 99.49 6.79 -6.68 | 104.70 6.89 -12.80 | 113.97 7.86 -18.74 | 152.10 11.71 -15.80 | 144.07 12.07 -4.91 | 116.50 9.14 -20.26 | 97.50 8.86 -3.46 | 91.69 8.71 0.01 | 90.47 8.37 0.01 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.13 -23.40 | 93.69 7.12 -16.08 | 122.77 7.14 -44.91 | 106.26 7.13 -28.57 | 97.11 7.34 -19.22 | 97.88 7.49 -19.69 | 91.25 7.24 -13.76 | 86.37 7.32 -8.64 | 91.17 6.45 -14.61 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 123.67 11.15 -7.29 | 102.98 8.31 -9.04 | 96.91 7.51 -10.32 | 98.73 7.93 -4.62 | 100.26 7.57 -6.68 | 105.38 7.91 -12.80 | 114.67 8.56 -18.74 | 153.10 12.71 -15.80 | 145.09 13.09 -4.91 | 117.11 9.75 -20.26 | 98.01 9.37 -3.46 | 92.19 9.21 0.01 | 90.97 8.87 0.01 | 90.03 8.85 0.00 | 94.37 9.43 0.00 | 101.59 7.62 -23.40 | 94.19 7.61 -16.08 | 123.27 7.64 -44.91 | 106.75 7.62 -28.57 | 97.61 7.83 -19.22 | 98.38 7.99 -19.69 | 91.74 7.73 -13.76 | 86.93 7.89 -8.64 | 91.66 6.94 -14.61 |
| PATROON___115KV_TB1 80586 | 142.64 6.00 -31.42 | 129.49 4.88 -38.97 | 128.09 4.51 -44.52 | 110.93 4.83 -19.92 | 119.55 4.73 -28.81 | 144.81 4.59 -55.21 | 172.78 4.63 -80.78 | 199.06 6.35 -68.11 | 155.00 6.74 -21.18 | 115.58 4.96 -23.52 | 91.54 4.94 -1.42 | 87.80 4.81 0.00 | 86.87 4.76 0.00 | 85.89 4.71 0.00 | 89.87 4.93 0.00 | 100.07 3.60 -25.91 | 118.56 3.45 -44.61 | 167.59 3.39 -93.47 | 153.18 3.39 -79.23 | 126.34 3.46 -52.33 | 122.11 3.46 -47.95 | 111.96 3.51 -38.19 | 98.19 3.80 -23.98 | 111.31 4.00 -37.20 |
| PATTRSNVILLE___SOLAR 323815 | 159.63 4.84 -49.57 | 150.98 3.86 -61.49 | 152.77 3.48 -70.23 | 121.31 3.70 -31.43 | 135.16 3.70 -45.46 | 176.02 3.91 -87.10 | 219.26 4.45 -127.44 | 238.15 6.10 -107.46 | 166.60 6.10 -33.42 | 125.49 3.92 -34.48 | 90.34 3.58 -1.58 | 86.47 3.48 0.00 | 85.55 3.45 0.00 | 84.67 3.49 0.00 | 88.68 3.73 0.00 | 111.67 3.32 -37.79 | 138.43 3.52 -64.41 | 199.39 3.68 -125.00 | 188.78 3.81 -114.41 | 149.55 3.74 -75.26 | 141.62 3.74 -67.18 | 128.85 3.44 -55.15 | 108.41 3.38 -34.63 | 125.82 3.01 -52.69 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 99.79 -6.52 -1.09 | 82.11 -4.88 -1.36 | 76.03 -4.59 -1.55 | 81.53 -5.34 -0.69 | 81.94 -5.07 -1.00 | 82.93 -4.00 -1.92 | 85.46 -4.72 -2.81 | 117.37 -9.59 -2.37 | 118.04 -9.79 -0.74 | 82.53 -6.01 -1.44 | 79.17 -6.22 -0.20 | 76.93 -6.06 0.00 | 75.87 -6.24 0.00 | 74.93 -6.25 0.00 | 78.23 -6.71 0.00 | 66.70 -5.50 -1.64 | 66.22 -6.98 -2.70 | 68.77 -7.35 -5.41 | 70.66 -4.66 -4.75 | 64.59 -4.16 1.80 | 59.07 -3.46 8.17 | 56.28 -4.57 9.41 | 65.96 -3.80 0.65 | 65.23 -7.36 -2.48 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 122.95 10.21 -7.52 | 103.18 8.22 -9.33 | 97.08 7.35 -10.65 | 98.79 7.84 -4.77 | 100.73 7.83 -6.90 | 106.30 8.08 -13.21 | 115.87 9.17 -19.33 | 154.10 13.21 -16.30 | 145.12 12.96 -5.07 | 116.59 9.14 -20.35 | 97.50 8.86 -3.46 | 91.53 8.55 0.00 | 90.32 8.21 0.00 | 89.22 8.04 0.00 | 93.61 8.66 0.00 | 101.04 6.99 -23.50 | 93.75 6.98 -16.28 | 123.50 7.43 -45.35 | 106.67 7.20 -28.91 | 97.27 7.27 -19.45 | 98.04 7.42 -19.92 | 91.21 7.03 -13.94 | 86.34 7.18 -8.75 | 91.27 6.38 -14.78 |
| PEEKSKILL____ 23653 | 121.14 8.73 -7.19 | 101.58 7.02 -8.92 | 95.50 6.24 -10.19 | 97.38 6.64 -4.56 | 99.06 6.45 -6.59 | 104.28 6.63 -12.64 | 113.37 7.51 -18.49 | 151.01 10.83 -15.59 | 142.87 10.93 -4.85 | 115.02 8.01 -19.93 | 96.34 7.75 -3.41 | 90.61 7.63 0.00 | 89.41 7.30 0.00 | 88.40 7.22 0.00 | 92.75 7.81 0.00 | 99.85 6.28 -23.01 | 92.66 6.27 -15.89 | 122.13 6.50 -44.91 | 105.21 6.42 -28.22 | 96.03 6.49 -18.99 | 96.73 6.58 -19.46 | 90.18 6.33 -13.61 | 85.29 6.34 -8.54 | 90.16 5.61 -14.43 |

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|--|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|-------------------------|
| PGE MADISON___WINDPWR 24146 | 118.65 10.20 -3.22 | 97.60 7.97 -3.99 | 90.75 7.12 -4.56 | 96.07 7.84 -2.04 | 97.30 8.34 -2.95 | 100.69 10.03 -5.66 | 106.48 10.83 -8.28 | 146.77 15.19 -6.98 | 144.25 14.99 -2.17 | 100.71 10.10 -3.52 | 94.38 8.78 -0.42 | 91.28 8.30 0.00 | 89.82 7.72 0.00 | 88.97 7.79 0.00 | 93.27 8.33 0.00 | 82.00 7.48 -3.96 | 84.87 7.69 -6.69 | 98.99 7.71 -20.56 | 90.85 8.39 -11.89 | 87.31 7.76 -9.00 | 88.62 7.71 -10.21 | 84.95 6.60 -8.10 | 80.55 6.12 -4.02 | 80.69 4.70 -5.87 |
| PIERCEFIELD___HYD 23852 | 103.01 -2.21 0.00 | 84.09 -1.54 0.00 | 78.04 -1.03 0.00 | 84.89 -1.29 0.00 | 84.38 -1.63 0.00 | 82.37 -2.64 0.00 | 83.17 -4.19 0.00 | 119.11 -5.48 0.00 | 121.37 -5.72 0.00 | 83.00 -4.09 0.00 | 81.78 -3.41 0.00 | 79.42 -3.57 0.00 | 78.90 -3.20 0.00 | 77.93 -3.25 0.00 | 81.12 -3.82 0.00 | 67.88 -2.68 0.00 | 67.96 -2.54 0.00 | 67.75 -2.97 0.00 | 67.81 -2.75 0.00 | 67.52 -3.03 0.00 | 67.59 -3.11 0.00 | 68.43 -1.83 0.00 | 68.72 -1.69 0.00 | 68.99 -1.12 0.00 |
| PINELAWN_CC_1 323563 | 123.98 11.47 -7.29 | 106.38 10.44 -10.31 | 104.22 9.48 -15.67 | 103.06 10.08 -6.80 | 109.03 9.97 -13.04 | 115.27 10.37 -19.89 | 145.39 11.35 -46.67 | 160.11 16.57 -18.95 | 147.66 15.63 -4.95 | 119.21 11.84 -20.28 | 99.64 10.99 -3.47 | 93.36 10.37 0.00 | 91.30 9.19 0.00 | 90.67 9.49 0.00 | 95.39 10.44 0.00 | 112.82 9.17 -33.09 | 122.10 9.10 -42.51 | 139.57 9.54 -59.31 | 136.14 9.52 -56.05 | 127.32 9.52 -47.25 | 125.34 9.61 -45.03 | 117.99 9.20 -38.54 | 105.20 9.44 -25.36 | 92.79 8.06 -14.62 |
| PJM_GEN_HTP_PROXY 323702 | 122.51 10.00 -7.29 | 102.38 7.71 -9.04 | 96.27 6.88 -10.32 | 98.12 7.32 -4.62 | 99.83 7.13 -6.68 | 105.03 7.22 -12.80 | 114.23 8.13 -18.73 | 152.35 11.96 -15.79 | 144.08 12.08 -4.91 | 116.32 8.97 -20.26 | 97.34 8.69 -3.47 | 91.61 8.63 0.00 | 90.39 8.29 0.00 | 89.38 8.20 0.00 | 93.69 8.75 0.00 | 101.02 7.06 -23.40 | 93.56 6.98 -16.08 | 123.28 7.14 -45.43 | 106.25 7.12 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.11 7.09 -13.77 | 86.16 7.11 -8.65 | 91.03 6.31 -14.61 |
| PJM_GEN_KEystone 24065 | 50.22 1.47 56.48 | 46.91 1.20 39.92 | 45.37 0.95 34.65 | 45.33 0.77 41.63 | 47.02 0.77 39.76 | 49.83 1.28 36.45 | 65.45 1.48 23.40 | 86.79 1.12 38.92 | 64.46 1.01 63.64 | 55.01 1.13 33.21 | 50.09 0.85 35.94 | 46.36 0.91 37.54 | 44.50 0.82 38.43 | 43.98 0.81 38.01 | 43.66 0.94 42.22 | 44.90 0.63 26.30 | 52.55 0.14 18.09 | 73.86 0.21 -2.93 | 61.78 0.63 9.42 | 55.64 0.71 15.62 | 52.84 1.13 18.99 | 44.26 0.56 26.55 | 41.79 0.85 29.47 | 45.00 -0.07 25.04 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 122.51 10.00 -7.29 | 104.19 9.17 -9.39 | 99.17 8.30 -11.80 | 100.20 8.79 -5.22 | 103.05 8.60 -8.44 | 108.70 8.92 -14.76 | 123.62 9.78 -26.47 | 155.33 14.07 -16.67 | 145.34 13.34 -4.92 | 117.72 10.36 -20.27 | 98.44 9.79 -3.46 | 92.28 9.29 0.00 | 90.39 8.29 0.01 | 89.62 8.44 0.00 | 94.20 9.26 0.00 | 103.99 7.97 -25.45 | 101.38 7.96 -22.92 | 127.76 8.06 -48.98 | 114.65 8.04 -36.05 | 105.46 8.18 -26.73 | 105.40 8.27 -26.43 | 98.54 8.01 -20.28 | 91.98 8.30 -13.27 | 91.74 7.01 -14.61 |
| PJM_GEN_VFT_PROXY 323633 | 50.17 10.00 65.06 | 43.24 7.19 49.59 | 47.17 6.48 38.38 | 45.32 6.81 47.67 | 45.32 6.62 47.31 | 49.08 6.63 42.56 | 56.22 7.51 38.66 | 74.11 11.22 61.70 | 10.73 11.31 127.66 | -84.20 8.45 179.74 | -98.11 8.18 191.47 | -20.65 8.30 111.93 | -20.65 7.96 110.72 | -5.93 7.79 94.91 | -9.94 8.41 103.29 | -74.88 6.71 152.15 | -28.21 6.56 105.26 | -69.42 6.72 146.86 | -47.09 6.71 124.36 | -93.90 6.84 171.29 | -14.64 6.93 92.27 | 1.51 6.74 75.49 | -20.90 6.83 98.13 | 39.24 5.96 36.83 |
| PLATSBURG_115KV_PMLD1 355749 | 105.65 0.42 0.00 | 86.23 0.60 0.00 | 79.86 0.79 0.00 | 86.87 0.69 0.00 | 86.53 0.52 0.00 | 84.92 -0.09 0.00 | 85.88 -1.49 0.00 | 121.85 -2.74 0.00 | 124.29 -2.80 0.00 | 85.78 -1.31 0.00 | 84.25 -0.94 0.00 | 81.91 -1.08 0.00 | 81.12 -0.99 0.00 | 80.21 -0.97 0.00 | 83.67 -1.27 0.00 | 70.14 -0.42 0.00 | 70.21 -0.28 0.00 | 70.08 -0.64 0.00 | 69.86 -0.71 0.00 | 69.71 -0.85 0.00 | 69.64 -1.06 0.00 | 69.62 -0.63 0.00 | 69.35 -1.06 0.00 | 69.97 -0.14 0.00 |
| PLEASANTVLY___LBMP 24000 | 121.43 8.52 -7.68 | 102.01 6.85 -9.53 | 96.12 6.17 -10.88 | 97.60 6.55 -4.87 | 99.51 6.45 -7.04 | 105.05 6.55 -13.50 | 114.37 7.25 -19.75 | 151.58 10.34 -16.65 | 142.69 10.42 -5.18 | 116.46 7.66 -21.70 | 96.32 7.41 -3.72 | 90.20 7.22 0.00 | 89.08 6.98 0.00 | 88.08 6.90 0.00 | 92.42 7.47 0.00 | 101.63 6.00 -25.07 | 93.46 5.99 -16.97 | 124.07 6.15 -47.19 | 106.85 6.14 -30.15 | 97.03 6.21 -20.27 | 97.70 6.29 -20.71 | 90.90 6.11 -14.53 | 85.66 6.13 -9.12 | 91.03 5.54 -15.38 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 121.93 9.37 -7.34 | 102.11 7.36 -9.11 | 96.12 6.64 -10.41 | 97.91 7.07 -4.66 | 99.63 6.88 -6.74 | 104.97 7.06 -12.91 | 114.11 7.86 -18.88 | 151.98 11.46 -15.92 | 143.60 11.56 -4.95 | 116.09 8.53 -20.46 | 96.95 8.26 -3.50 | 91.03 8.05 0.00 | 89.82 7.72 0.00 | 88.81 7.63 0.00 | 93.18 8.24 0.00 | 100.83 6.63 -23.63 | 93.32 6.63 -16.19 | 122.78 6.86 -45.20 | 106.10 6.77 -28.76 | 96.75 6.84 -19.35 | 97.45 6.93 -19.82 | 90.79 6.67 -13.86 | 85.87 6.76 -8.70 | 90.78 5.96 -14.71 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 121.93 9.37 -7.34 | 102.11 7.36 -9.11 | 96.12 6.64 -10.41 | 97.91 7.07 -4.66 | 99.63 6.88 -6.74 | 104.97 7.06 -12.91 | 114.11 7.86 -18.88 | 151.98 11.46 -15.92 | 143.60 11.56 -4.95 | 116.09 8.53 -20.46 | 96.95 8.26 -3.50 | 91.03 8.05 0.00 | 89.82 7.72 0.00 | 88.81 7.63 0.00 | 93.18 8.24 0.00 | 100.83 6.63 -23.63 | 93.32 6.63 -16.19 | 122.78 6.86 -45.20 | 106.10 6.77 -28.76 | 96.75 6.84 -19.35 | 97.45 6.93 -19.82 | 90.79 6.67 -13.86 | 85.87 6.76 -8.70 | 90.78 5.96 -14.71 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 123.21 9.89 -8.09 | 103.55 7.88 -10.04 | 97.65 7.12 -11.47 | 98.90 7.58 -5.13 | 100.92 7.48 -7.42 | 106.97 7.74 -14.22 | 116.74 8.56 -20.81 | 154.22 12.09 -17.55 | 144.36 11.82 -5.46 | 116.15 8.53 -20.53 | 96.79 8.18 -3.43 | 90.87 7.88 0.00 | 89.74 7.64 0.00 | 88.73 7.55 0.00 | 93.10 8.15 0.00 | 100.86 6.63 -23.67 | 93.80 6.42 -16.88 | 123.90 6.72 -46.46 | 107.18 6.63 -29.99 | 97.34 6.63 -20.16 | 98.03 6.79 -20.54 | 91.24 6.53 -14.46 | 86.10 6.62 -9.08 | 91.27 5.89 -15.27 |
| POLETTI_____ 23519 | 122.51 10.00 -7.29 | 102.30 7.62 -9.04 | 96.27 6.88 -10.32 | 98.04 7.24 -4.62 | 99.66 6.97 -6.68 | 104.87 7.06 -12.80 | 114.05 7.95 -18.73 | 152.22 11.84 -15.80 | 144.07 12.07 -4.91 | 116.24 8.88 -20.26 | 97.25 8.60 -3.47 | 91.53 8.55 0.00 | 90.32 8.21 0.00 | 89.38 8.20 0.00 | 93.69 8.75 0.00 | 101.02 7.06 -23.40 | 93.56 6.98 -16.08 | 122.70 7.07 -44.91 | 106.19 7.06 -28.57 | 96.90 7.13 -19.22 | 97.60 7.21 -19.69 | 91.05 7.03 -13.77 | 86.16 7.11 -8.65 | 91.03 6.31 -14.61 |
| POMONA___ESR 323819 | 120.37 8.21 -6.93 | 100.74 6.51 -8.59 | 94.74 5.85 -9.82 | 96.70 6.12 -4.39 | 98.38 6.02 -6.35 | 103.39 6.20 -12.18 | 112.17 6.99 -17.81 | 149.83 10.22 -15.02 | 141.93 10.17 -4.67 | 113.57 7.49 -18.99 | 95.66 7.24 -3.24 | 90.12 7.14 0.00 | 89.00 6.90 0.00 | 87.91 6.73 0.00 | 92.25 7.31 0.00 | 98.34 5.85 -21.92 | 91.68 5.85 -15.33 | 120.28 6.08 -43.48 | 103.79 5.99 -27.23 | 94.95 6.07 -18.33 | 95.65 6.15 -18.80 | 89.28 5.90 -13.13 | 84.56 5.91 -8.24 | 89.32 5.26 -13.94 |
| PORT_JEFF_3 23555 | 124.71 12.20 -7.29 | 107.50 11.48 -10.38 | 105.42 10.36 -16.00 | 104.15 11.03 -6.94 | 110.37 10.92 -13.44 | 116.82 11.47 -20.34 | 148.27 12.49 -48.41 | 162.06 18.32 -19.15 | 149.07 17.04 -4.95 | 120.17 12.81 -20.28 | 100.23 11.58 -3.46 | 94.18 11.20 0.00 | 91.70 9.60 0.00 | 91.33 10.15 0.00 | 96.15 11.21 0.00 | 111.44 9.95 -30.93 | 122.51 9.94 -42.07 | 140.17 10.60 -58.85 | 138.36 10.66 -57.14 | 129.02 10.58 -47.89 | 126.71 10.60 -45.41 | 118.79 9.97 -38.57 | 107.08 10.28 -26.39 | 93.57 8.83 -14.62 |

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| PORT_JEFF_4 23616 | 124.71 12.20 -7.29 | 107.50 11.48 -10.38 | 105.42 10.36 -16.00 | 104.15 11.03 -6.94 | 110.37 10.92 -13.44 | 116.82 11.47 -20.34 | 148.27 12.49 -48.41 | 162.06 18.32 -19.15 | 149.07 17.04 -4.95 | 120.17 12.81 -20.28 | 100.23 11.58 -3.46 | 94.18 11.20 0.00 | 91.70 9.60 0.00 | 91.33 10.15 0.00 | 96.15 11.21 0.00 | 111.44 9.95 -30.93 | 122.51 9.94 -42.07 | 140.17 10.60 -58.85 | 138.36 10.66 -57.14 | 129.02 10.58 -47.89 | 126.71 10.60 -45.41 | 118.79 9.97 -38.57 | 107.08 10.28 -26.39 | 93.57 8.83 -14.62 |
| PORT_JEFF_IC 23713 | 125.25 12.73 -7.29 | 107.66 11.65 -10.38 | 105.49 10.44 -15.99 | 104.23 11.12 -6.93 | 110.45 11.01 -13.43 | 116.81 11.48 -20.32 | 148.30 12.58 -48.35 | 162.17 18.44 -19.14 | 150.08 18.05 -4.95 | 120.34 12.98 -20.28 | 100.40 11.76 -3.46 | 94.02 11.04 0.00 | 91.63 9.52 0.00 | 91.41 10.23 0.00 | 96.24 11.30 0.00 | 111.56 10.02 -30.98 | 122.58 10.01 -42.07 | 139.72 10.68 -58.33 | 138.32 10.66 -57.10 | 129.07 10.65 -47.86 | 126.76 10.68 -45.39 | 118.93 10.12 -38.56 | 107.19 10.42 -26.36 | 93.71 8.97 -14.62 |
| PPL_PILGRIM_ST_GT1 24216 | 124.92 12.41 -7.29 | 107.49 11.48 -10.37 | 105.37 10.36 -15.94 | 104.13 11.03 -6.92 | 110.31 10.92 -13.37 | 116.74 11.47 -20.26 | 147.89 12.40 -48.12 | 161.89 18.19 -19.11 | 149.07 17.04 -4.95 | 120.17 12.81 -20.28 | 100.41 11.76 -3.46 | 94.27 11.28 0.00 | 91.95 9.85 0.00 | 91.41 10.23 0.00 | 96.24 11.30 0.00 | 111.68 9.88 -31.24 | 122.47 9.87 -42.11 | 140.08 10.46 -58.90 | 138.02 10.52 -56.94 | 128.76 10.44 -47.77 | 126.49 10.46 -45.33 | 118.70 9.91 -38.54 | 106.83 10.21 -26.22 | 93.49 8.76 -14.62 |
| PPL_PILGRIM_ST_GT2 24217 | 124.92 12.41 -7.29 | 107.49 11.48 -10.37 | 105.37 10.36 -15.94 | 104.13 11.03 -6.92 | 110.31 10.92 -13.37 | 116.74 11.47 -20.26 | 147.89 12.40 -48.12 | 161.89 18.19 -19.11 | 149.07 17.04 -4.95 | 120.17 12.81 -20.28 | 100.41 11.76 -3.46 | 94.27 11.28 0.00 | 91.95 9.85 0.00 | 91.41 10.23 0.00 | 96.24 11.30 0.00 | 111.68 9.88 -31.24 | 122.47 9.87 -42.11 | 140.08 10.46 -58.90 | 138.02 10.52 -56.94 | 128.76 10.44 -47.77 | 126.49 10.46 -45.33 | 118.70 9.91 -38.54 | 106.83 10.21 -26.22 | 93.49 8.76 -14.62 |
| PPL_SHRM_GT3 24213 | 124.61 12.10 -7.29 | 108.17 12.16 -10.38 | 106.05 10.99 -15.99 | 104.84 11.72 -6.94 | 111.14 11.70 -13.44 | 117.58 12.24 -20.33 | 149.12 13.37 -48.39 | 163.41 19.68 -19.14 | 149.58 17.54 -4.95 | 120.77 13.41 -20.28 | 100.23 11.58 -3.46 | 94.60 11.62 0.00 | 91.54 9.44 0.00 | 91.66 10.48 0.00 | 96.58 11.64 0.00 | 111.95 10.44 -30.95 | 123.07 10.51 -42.07 | 141.02 11.45 -58.85 | 139.26 11.57 -57.13 | 129.86 11.43 -47.88 | 127.63 11.53 -45.40 | 119.21 10.40 -38.57 | 107.84 11.05 -26.38 | 94.19 9.46 -14.62 |
| PPL_SHRM_GT4 24214 | 124.61 12.10 -7.29 | 108.17 12.16 -10.38 | 106.05 10.99 -15.99 | 104.84 11.72 -6.94 | 111.14 11.70 -13.44 | 117.58 12.24 -20.33 | 149.12 13.37 -48.39 | 163.41 19.68 -19.14 | 149.58 17.54 -4.95 | 120.77 13.41 -20.28 | 100.23 11.58 -3.46 | 94.60 11.62 0.00 | 91.54 9.44 0.00 | 91.66 10.48 0.00 | 96.58 11.64 0.00 | 111.95 10.44 -30.95 | 123.07 10.51 -42.07 | 141.02 11.45 -58.85 | 139.26 11.57 -57.13 | 129.86 11.43 -47.88 | 127.63 11.53 -45.40 | 119.21 10.40 -38.57 | 107.84 11.05 -26.38 | 94.19 9.46 -14.62 |
| PROJECT___ORANGE 1 24174 | 104.07 -1.16 0.00 | 84.61 -1.03 0.00 | 78.04 -1.03 0.00 | 85.06 -1.12 0.00 | 84.98 -1.03 0.00 | 84.41 -0.60 0.00 | 87.02 -0.35 0.00 | 123.59 -1.00 0.00 | 126.07 -1.02 0.00 | 86.95 -0.52 -0.38 | 84.58 -0.68 -0.08 | 82.32 -0.66 0.00 | 81.45 -0.66 0.00 | 80.53 -0.65 0.00 | 84.26 -0.68 0.00 | 70.30 -0.71 -0.45 | 69.65 -0.85 0.00 | 72.10 -0.71 -2.09 | 69.72 -0.85 0.00 | 69.77 -0.85 -0.06 | 70.35 -0.78 -0.43 | 69.13 -1.12 0.00 | 69.42 -0.99 0.00 | 69.28 -1.05 -0.21 |
| PROJECT___ORANGE 2 24166 | 104.07 -1.16 0.00 | 84.61 -1.03 0.00 | 78.04 -1.03 0.00 | 85.06 -1.12 0.00 | 84.98 -1.03 0.00 | 84.41 -0.60 0.00 | 87.02 -0.35 0.00 | 123.59 -1.00 0.00 | 126.07 -1.02 0.00 | 86.95 -0.52 -0.38 | 84.58 -0.68 -0.08 | 82.32 -0.66 0.00 | 81.45 -0.66 0.00 | 80.53 -0.65 0.00 | 84.26 -0.68 0.00 | 70.30 -0.71 -0.45 | 69.65 -0.85 0.00 | 72.10 -0.71 -2.09 | 69.72 -0.85 0.00 | 69.77 -0.85 -0.06 | 70.35 -0.78 -0.43 | 69.13 -1.12 0.00 | 69.42 -0.99 0.00 | 69.28 -1.05 -0.21 |
| PUCKETT___SOLAR 323809 | 111.06 3.05 -2.78 | 91.47 2.39 -3.45 | 85.14 2.14 -3.94 | 90.18 2.24 -1.76 | 90.96 2.40 -2.55 | 93.04 3.15 -4.88 | 98.09 3.58 -7.14 | 135.09 4.48 -6.02 | 133.28 4.32 -1.87 | 93.34 2.96 -3.28 | 88.07 2.47 -0.42 | 85.30 2.32 0.00 | 84.40 2.30 0.00 | 83.45 2.27 0.00 | 87.41 2.46 0.00 | 76.38 2.11 -3.70 | 78.72 1.97 -6.26 | 89.48 2.05 -16.71 | 84.14 2.47 -11.11 | 80.34 2.32 -7.47 | 80.67 2.47 -7.50 | 77.51 1.90 -5.36 | 75.67 1.90 -3.36 | 76.75 1.05 -5.58 |
| PYRITES___HYD 24023 | 104.80 -0.42 0.00 | 85.46 -0.17 0.00 | 79.38 0.32 0.00 | 86.27 0.09 0.00 | 85.92 -0.09 0.00 | 84.16 -0.85 0.00 | 85.36 -2.01 0.00 | 122.22 -2.37 0.00 | 124.42 -2.67 0.00 | 84.83 -2.26 0.00 | 83.39 -1.79 0.00 | 80.99 -1.99 0.00 | 80.38 -1.72 0.00 | 79.48 -1.70 0.00 | 82.65 -2.29 0.00 | 69.50 -1.06 0.00 | 69.58 -0.92 0.00 | 69.37 -1.34 0.00 | 69.50 -1.06 0.00 | 69.21 -1.34 0.00 | 69.21 -1.48 0.00 | 69.83 -0.42 0.00 | 69.98 -0.42 0.00 | 70.18 0.07 0.00 |
| QUAKERRD_115KV_BK1 80622 | 99.75 -5.47 0.00 | 81.52 -4.11 0.00 | 75.19 -3.87 0.00 | 81.79 -4.40 0.00 | 81.80 -4.21 0.00 | 81.52 -3.49 0.00 | 83.61 -3.76 0.00 | 117.86 -6.73 0.00 | 120.22 -6.86 0.00 | 83.14 -4.44 -0.49 | 80.81 -4.51 -0.14 | 78.59 -4.40 0.00 | 77.59 -4.52 0.00 | 76.72 -4.46 0.00 | 80.10 -4.84 0.00 | 67.04 -4.09 -0.57 | 67.67 -4.65 -1.83 | 70.58 -4.38 -4.25 | 68.51 -5.29 -3.24 | 67.65 -5.08 -2.18 | 68.23 -4.74 -2.27 | 66.34 -5.48 -1.56 | 66.18 -5.21 -0.98 | 67.59 -4.21 -1.69 |
| QUENSBRY_115KV_TB8 356137 | 157.88 5.68 -46.97 | 148.10 4.20 -58.27 | 149.50 3.87 -66.55 | 120.10 4.14 -29.78 | 133.22 4.13 -43.08 | 171.88 4.34 -82.54 | 213.21 5.07 -120.77 | 233.65 7.23 -101.83 | 166.25 7.50 -31.67 | 127.23 6.71 -33.44 | 93.24 6.39 -1.67 | 89.21 6.22 0.00 | 88.26 6.16 0.00 | 87.35 6.17 0.00 | 91.40 6.46 0.00 | 112.91 5.65 -36.71 | 136.38 4.23 -61.66 | 195.14 4.46 -119.96 | 184.59 4.52 -109.51 | 146.98 4.37 -72.05 | 139.39 4.31 -64.38 | 127.05 4.00 -52.79 | 107.36 3.80 -33.15 | 124.02 3.44 -50.47 |
| RAMAPO___LBMP 323565 | 120.13 8.00 -6.90 | 100.45 6.25 -8.56 | 94.46 5.61 -9.78 | 96.51 5.95 -4.38 | 98.19 5.85 -6.33 | 103.09 5.95 -12.13 | 111.84 6.73 -17.75 | 149.40 9.84 -14.97 | 141.53 9.79 -4.65 | 113.22 7.23 -18.90 | 95.39 6.98 -3.23 | 89.87 6.89 0.00 | 88.67 6.57 0.00 | 87.67 6.49 0.00 | 91.99 7.05 0.00 | 98.03 5.65 -21.82 | 91.41 5.64 -15.28 | 119.31 5.80 -42.79 | 103.49 5.79 -27.14 | 94.67 5.86 -18.26 | 95.38 5.94 -18.74 | 89.02 5.69 -13.08 | 84.32 5.70 -8.21 | 89.06 5.05 -13.90 |
| RANKINE____ 23646 | 99.76 -6.52 -1.06 | 82.07 -4.88 -1.32 | 76.07 -4.51 -1.51 | 81.51 -5.34 -0.67 | 81.91 -5.07 -0.97 | 82.88 -4.00 -1.87 | 85.29 -4.81 -2.73 | 117.05 -9.84 -2.30 | 117.64 -10.17 -0.72 | 82.22 -6.27 -1.40 | 78.99 -6.39 -0.20 | 76.76 -6.22 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.97 0.00 | 66.44 -5.72 -1.59 | 65.86 -7.26 -2.62 | 68.69 -7.28 -5.25 | 68.46 -6.70 -4.60 | 61.57 -6.21 2.77 | 54.99 -5.44 10.26 | 52.11 -6.60 11.54 | 63.57 -5.77 1.06 | 65.72 -6.80 -2.41 |
| RAVENSWOOD_GT2_1 24244 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.47 | 91.70 8.71 0.00 | 90.48 8.37 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.13 -23.40 | 93.70 7.12 -16.09 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.17 6.45 -14.61 |

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|---|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| RAVENSWOOD_GT2_2 24245 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.47 | 91.70 8.71 0.00 | 90.48 8.37 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.13 -23.40 | 93.70 7.12 -16.09 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.17 6.45 -14.61 |
| RAVENSWOOD_GT2_3 24246 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.43 7.04 -10.32 | 98.21 7.41 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.50 9.14 -20.26 | 97.51 8.86 -3.47 | 91.70 8.71 0.00 | 90.48 8.37 0.00 | 89.54 8.36 0.00 | 93.86 8.92 0.00 | 101.16 7.20 -23.40 | 93.70 7.12 -16.09 | 122.91 7.28 -44.91 | 106.33 7.20 -28.57 | 97.11 7.34 -19.22 | 97.81 7.42 -19.69 | 91.26 7.24 -13.77 | 86.31 7.25 -8.65 | 91.17 6.45 -14.61 |
| RAVENSWOOD_GT2_4 24247 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.43 7.04 -10.32 | 98.21 7.41 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.50 9.14 -20.26 | 97.51 8.86 -3.47 | 91.70 8.71 0.00 | 90.48 8.37 0.00 | 89.54 8.36 0.00 | 93.86 8.92 0.00 | 101.16 7.20 -23.40 | 93.70 7.12 -16.09 | 122.91 7.28 -44.91 | 106.33 7.20 -28.57 | 97.11 7.34 -19.22 | 97.81 7.42 -19.69 | 91.26 7.24 -13.77 | 86.31 7.25 -8.65 | 91.17 6.45 -14.61 |
| RAVENSWOOD_GT3_1 24248 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.47 | 91.70 8.71 0.00 | 90.48 8.37 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.13 -23.40 | 93.70 7.12 -16.09 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.11 7.34 -19.22 | 97.81 7.42 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.17 6.45 -14.61 |
| RAVENSWOOD_GT3_2 24249 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.47 | 91.70 8.71 0.00 | 90.48 8.37 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.13 -23.40 | 93.70 7.12 -16.09 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.11 7.34 -19.22 | 97.81 7.42 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.17 6.45 -14.61 |
| RAVENSWOOD_GT3_3 24250 | 122.72 10.21 -7.29 | 102.55 7.88 -9.04 | 96.51 7.12 -10.32 | 98.30 7.50 -4.62 | 100.00 7.31 -6.68 | 105.21 7.40 -12.80 | 114.40 8.30 -18.74 | 152.60 12.21 -15.80 | 144.45 12.45 -4.91 | 116.59 9.23 -20.26 | 97.59 8.94 -3.47 | 91.78 8.80 0.00 | 90.56 8.46 0.00 | 89.62 8.44 0.00 | 93.95 9.00 0.00 | 101.23 7.27 -23.40 | 93.77 7.19 -16.09 | 122.98 7.35 -44.91 | 106.40 7.27 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.33 7.31 -13.77 | 86.38 7.32 -8.65 | 91.24 6.52 -14.61 |
| RAVENSWOOD_GT3_4 24251 | 122.72 10.21 -7.29 | 102.55 7.88 -9.04 | 96.51 7.12 -10.32 | 98.30 7.50 -4.62 | 100.00 7.31 -6.68 | 105.21 7.40 -12.80 | 114.40 8.30 -18.74 | 152.60 12.21 -15.80 | 144.45 12.45 -4.91 | 116.59 9.23 -20.26 | 97.59 8.94 -3.47 | 91.78 8.80 0.00 | 90.56 8.46 0.00 | 89.62 8.44 0.00 | 93.95 9.00 0.00 | 101.23 7.27 -23.40 | 93.77 7.19 -16.09 | 122.98 7.35 -44.91 | 106.40 7.27 -28.57 | 97.18 7.41 -19.22 | 97.88 7.49 -19.69 | 91.33 7.31 -13.77 | 86.38 7.32 -8.65 | 91.24 6.52 -14.61 |
| RAVENSWOOD_GT_1 23729 | 123.03 10.52 -7.29 | 107.63 8.05 -13.94 | 100.95 7.27 -14.60 | 103.01 7.67 -9.16 | 104.54 7.31 -11.22 | 108.93 7.40 -16.53 | 117.73 8.39 -21.97 | 159.22 12.46 -22.17 | 159.23 12.71 -19.43 | 140.98 9.58 -44.31 | 123.42 9.28 -28.95 | 111.14 9.21 -18.94 | 111.22 8.79 -20.33 | 102.40 8.77 -12.45 | 107.31 9.34 -13.02 | 123.72 7.55 -45.61 | 111.71 7.47 -33.74 | 146.82 7.57 -68.53 | 125.61 7.55 -47.50 | 122.42 7.69 -44.18 | 111.81 7.78 -33.34 | 104.46 7.59 -26.62 | 103.13 7.67 -25.05 | 97.15 6.80 -20.24 |
| RAVENSWOOD_GT_10 24258 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.30 8.71 0.39 | 89.96 8.37 0.52 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.43 7.05 -15.88 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.06 7.17 -13.65 | 86.14 7.25 -8.48 | 91.17 6.45 -14.61 |
| RAVENSWOOD_GT_11 24259 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.30 8.71 0.39 | 89.96 8.37 0.52 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.43 7.05 -15.88 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.06 7.17 -13.65 | 86.14 7.25 -8.48 | 91.17 6.45 -14.61 |
| RAVENSWOOD_GT_4 24252 | 122.61 10.10 -7.29 | 106.11 7.71 -12.77 | 99.61 6.96 -13.58 | 101.58 7.33 -8.07 | 103.29 7.14 -10.14 | 107.87 7.23 -15.64 | 116.69 8.13 -21.20 | 157.20 11.96 -20.65 | 155.26 12.20 -15.97 | 134.63 8.97 -38.57 | 116.64 8.69 -22.77 | 100.08 8.63 -8.46 | 98.05 8.29 -7.65 | 98.86 8.20 -9.48 | 103.69 8.83 -9.92 | 117.93 7.06 -40.31 | 103.98 7.05 -26.43 | 140.83 7.21 -62.90 | 120.67 7.13 -42.98 | 116.05 7.27 -38.23 | 108.06 7.28 -30.08 | 98.98 7.10 -21.63 | 96.19 7.18 -18.60 | 95.39 6.38 -18.90 |
| RAVENSWOOD_GT_5 24254 | 122.61 10.10 -7.29 | 106.11 7.71 -12.77 | 99.61 6.96 -13.58 | 101.58 7.33 -8.07 | 103.29 7.14 -10.14 | 107.87 7.23 -15.64 | 116.69 8.13 -21.20 | 157.20 11.96 -20.65 | 155.26 12.20 -15.97 | 134.63 8.97 -38.57 | 116.64 8.69 -22.77 | 100.08 8.63 -8.46 | 98.05 8.29 -7.65 | 98.86 8.20 -9.48 | 103.69 8.83 -9.92 | 117.93 7.06 -40.31 | 103.98 7.05 -26.43 | 140.83 7.21 -62.90 | 120.67 7.13 -42.98 | 116.05 7.27 -38.23 | 108.06 7.28 -30.08 | 98.98 7.10 -21.63 | 96.19 7.18 -18.60 | 95.39 6.38 -18.90 |
| RAVENSWOOD_GT_6 24253 | 122.61 10.10 -7.29 | 106.11 7.71 -12.77 | 99.61 6.96 -13.58 | 101.58 7.33 -8.07 | 103.29 7.14 -10.14 | 107.87 7.23 -15.64 | 116.69 8.13 -21.20 | 157.20 11.96 -20.65 | 155.26 12.20 -15.97 | 134.63 8.97 -38.57 | 116.64 8.69 -22.77 | 100.08 8.63 -8.46 | 98.05 8.29 -7.65 | 98.86 8.20 -9.48 | 103.69 8.83 -9.92 | 117.93 7.06 -40.31 | 103.98 7.05 -26.43 | 140.83 7.21 -62.90 | 120.67 7.13 -42.98 | 116.05 7.27 -38.23 | 108.06 7.28 -30.08 | 98.98 7.10 -21.63 | 96.19 7.18 -18.60 | 95.39 6.38 -18.90 |
| RAVENSWOOD_GT_7 24255 | 122.61 10.10 -7.29 | 106.11 7.71 -12.77 | 99.61 6.96 -13.58 | 101.58 7.33 -8.07 | 103.29 7.14 -10.14 | 107.87 7.23 -15.64 | 116.69 8.13 -21.20 | 157.20 11.96 -20.65 | 155.26 12.20 -15.97 | 134.63 8.97 -38.57 | 116.64 8.69 -22.77 | 100.08 8.63 -8.46 | 98.05 8.29 -7.65 | 98.86 8.20 -9.48 | 103.69 8.83 -9.92 | 117.93 7.06 -40.31 | 103.98 7.05 -26.43 | 140.83 7.21 -62.90 | 120.67 7.13 -42.98 | 116.05 7.27 -38.23 | 108.06 7.28 -30.08 | 98.98 7.10 -21.63 | 96.19 7.18 -18.60 | 95.39 6.38 -18.90 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.30 8.71 0.39 | 89.96 8.37 0.52 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.43 7.05 -15.88 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.06 7.17 -13.65 | 86.14 7.25 -8.48 | 91.17 6.45 -14.61 |

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| RAVENSWOOD_GT_9 24257 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.35 6.96 -10.32 | 98.21 7.41 -4.62 | 99.83 7.14 -6.68 | 105.04 7.23 -12.80 | 114.32 8.21 -18.74 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.41 9.06 -20.26 | 97.42 8.77 -3.46 | 91.30 8.71 0.39 | 89.96 8.37 0.52 | 89.46 8.28 0.00 | 93.78 8.83 0.00 | 101.09 7.13 -23.40 | 93.43 7.05 -15.88 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.06 7.17 -13.65 | 86.14 7.25 -8.48 | 91.17 6.45 -14.61 |
| RAVENSWOOD___1 23533 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.19 -10.32 | 98.47 7.67 -4.62 | 100.00 7.31 -6.68 | 105.20 7.39 -12.80 | 114.41 8.30 -18.74 | 152.73 12.34 -15.80 | 144.58 12.58 -4.91 | 116.94 9.58 -20.26 | 97.92 9.20 -3.53 | 96.09 9.21 -3.89 | 96.09 8.87 -5.11 | 89.87 8.69 0.00 | 94.29 9.34 0.00 | 101.44 7.48 -23.40 | 96.07 7.47 -18.11 | 123.65 7.49 -45.43 | 106.61 7.48 -28.57 | 97.47 7.69 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.03 | 88.32 7.61 -10.30 | 91.45 6.73 -14.61 |
| RAVENSWOOD___2 23534 | 122.93 10.42 -7.29 | 102.72 8.05 -9.04 | 96.59 7.19 -10.32 | 98.39 7.59 -4.62 | 99.92 7.23 -6.68 | 105.20 7.39 -12.80 | 114.41 8.30 -18.74 | 152.73 12.34 -15.80 | 144.58 12.58 -4.91 | 116.85 9.49 -20.26 | 97.92 9.20 -3.53 | 96.07 9.21 -3.88 | 96.07 8.87 -5.09 | 89.87 8.69 0.00 | 94.20 9.26 0.00 | 101.44 7.48 -23.40 | 95.99 7.40 -18.10 | 123.58 7.42 -45.43 | 106.61 7.48 -28.57 | 97.47 7.69 -19.22 | 98.17 7.78 -19.69 | 92.80 7.52 -15.02 | 88.31 7.61 -10.30 | 91.45 6.73 -14.61 |
| RAVENSWOOD___3 23535 | 122.61 10.10 -7.29 | 102.47 7.79 -9.04 | 96.43 7.03 -10.32 | 98.22 7.41 -4.62 | 99.83 7.13 -6.68 | 105.12 7.31 -12.80 | 114.31 8.21 -18.74 | 152.47 12.08 -15.80 | 144.20 12.20 -4.91 | 116.41 9.06 -20.26 | 97.43 8.78 -3.47 | 91.78 8.79 0.00 | 90.56 8.46 0.00 | 89.46 8.28 0.00 | 93.86 8.92 0.00 | 101.09 7.12 -23.40 | 93.70 7.12 -16.09 | 123.37 7.22 -45.43 | 106.33 7.20 -28.57 | 97.11 7.34 -19.22 | 97.81 7.42 -19.69 | 91.19 7.17 -13.77 | 86.31 7.25 -8.65 | 91.17 6.45 -14.61 |
| RAVENSWOOD___4 23820 | 122.93 10.42 -7.29 | 97.89 8.05 -4.21 | 92.37 7.19 -6.11 | 93.92 7.59 -0.15 | 95.45 7.23 -2.21 | 101.46 7.31 -9.14 | 111.22 8.30 -15.55 | 146.45 12.34 -9.52 | 130.29 12.58 9.38 | 93.18 9.49 3.41 | 72.89 9.20 21.50 | 81.17 9.13 10.94 | 81.00 8.79 9.89 | 77.61 8.69 12.26 | 81.38 9.26 12.82 | 79.58 7.48 -1.54 | 80.60 7.40 -2.70 | 100.31 7.42 -22.17 | 87.97 7.48 -9.93 | 72.89 7.69 5.35 | 84.73 7.78 -6.26 | 81.38 7.52 -3.61 | 73.79 7.61 4.22 | 85.91 6.73 -9.06 |
| RCPI_TRUST___DRP 24196 | 122.72 10.21 -7.29 | 102.47 7.79 -9.04 | 96.43 7.04 -10.32 | 98.21 7.41 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.40 8.30 -18.73 | 152.59 12.21 -15.79 | 144.45 12.45 -4.91 | 116.49 9.14 -20.26 | 97.51 8.86 -3.47 | 91.78 8.80 0.00 | 90.56 8.46 0.00 | 89.54 8.36 0.00 | 93.86 8.92 0.00 | 101.16 7.20 -23.40 | 93.70 7.12 -16.08 | 122.90 7.28 -44.90 | 106.40 7.27 -28.57 | 97.11 7.34 -19.22 | 97.81 7.42 -19.69 | 91.19 7.17 -13.77 | 86.30 7.25 -8.65 | 91.17 6.45 -14.61 |
| RED___ROCHESTER 323720 | 101.96 -3.26 0.00 | 83.33 -2.31 0.00 | 76.86 -2.21 0.00 | 83.60 -2.58 0.00 | 83.60 -2.41 0.00 | 83.39 -1.62 0.00 | 85.53 -1.84 0.00 | 120.11 -4.48 0.00 | 122.64 -4.45 0.00 | 84.89 -2.70 -0.50 | 82.26 -3.06 -0.14 | 80.00 -2.98 0.00 | 79.23 -2.88 0.00 | 78.26 -2.92 0.00 | 81.63 -3.31 0.00 | 68.33 -2.82 -0.59 | 68.93 -3.45 -1.88 | 71.82 -3.18 -4.28 | 69.74 -4.16 -3.34 | 68.99 -3.81 -2.25 | 69.78 -3.25 -2.34 | 67.58 -4.29 -1.61 | 67.41 -4.01 -1.01 | 68.91 -2.94 -1.74 |
| REGAN___SOLAR 323812 | 159.80 8.21 -46.36 | 149.39 6.25 -57.51 | 150.52 5.77 -65.68 | 121.69 6.12 -29.39 | 134.72 6.20 -42.51 | 173.10 6.63 -81.46 | 214.16 7.60 -119.19 | 235.81 10.72 -100.50 | 168.88 10.54 -31.25 | 125.66 6.18 -32.39 | 92.23 5.53 -1.51 | 88.13 5.15 0.00 | 87.20 5.09 0.00 | 86.38 5.20 0.00 | 90.38 5.44 0.00 | 111.29 5.22 -35.51 | 136.66 5.64 -60.52 | 197.14 6.08 -120.34 | 184.33 6.28 -107.49 | 147.48 6.14 -70.80 | 140.49 6.08 -63.71 | 127.69 5.62 -51.82 | 108.29 5.35 -32.53 | 124.68 4.77 -49.80 |
| RENSSELAER___COGEN 23796 | 136.13 5.57 -25.33 | 121.68 4.62 -31.43 | 119.15 4.19 -35.90 | 106.72 4.48 -16.06 | 113.71 4.47 -23.23 | 133.86 4.33 -44.52 | 156.70 4.19 -65.14 | 185.25 5.73 -54.92 | 150.27 6.10 -17.08 | 111.06 4.53 -19.44 | 90.98 4.51 -1.28 | 87.46 4.48 0.00 | 86.45 4.35 0.00 | 85.48 4.30 0.00 | 89.44 4.50 0.00 | 95.26 3.25 -21.45 | 111.55 3.10 -37.96 | 156.99 3.04 -83.23 | 141.02 3.03 -67.42 | 118.22 3.03 -44.64 | 115.36 3.11 -41.55 | 105.99 3.23 -32.50 | 94.26 3.45 -20.41 | 105.92 3.78 -32.03 |
| REPUBLIC_115KV_BARTNBRK 55605 | 161.02 9.05 -46.74 | 150.30 6.68 -57.98 | 151.39 6.09 -66.23 | 122.37 6.55 -29.64 | 135.41 6.54 -42.87 | 174.03 6.89 -82.14 | 215.59 8.04 -120.18 | 237.39 11.46 -101.34 | 170.42 11.82 -31.51 | 129.39 8.97 -33.32 | 95.37 8.52 -1.67 | 91.28 8.30 0.00 | 90.40 8.29 0.00 | 89.38 8.20 0.00 | 93.44 8.49 0.00 | 114.84 7.69 -36.59 | 138.39 6.49 -61.40 | 197.13 6.86 -119.56 | 186.61 6.99 -109.06 | 149.01 6.70 -71.76 | 141.40 6.57 -64.13 | 128.87 6.04 -52.58 | 109.12 5.70 -33.01 | 125.57 5.19 -50.27 |
| REVERE_CPFR_DRP 24186 | 109.33 4.10 0.00 | 88.89 3.25 0.00 | 82.07 3.00 0.00 | 89.63 3.45 0.00 | 89.71 3.70 0.00 | 89.34 4.34 0.00 | 92.09 4.72 0.00 | 131.69 7.10 0.00 | 134.20 7.12 0.00 | 91.71 4.62 0.00 | 89.19 4.00 0.00 | 86.88 3.90 0.00 | 85.80 3.69 0.00 | 84.83 3.65 0.00 | 88.77 3.82 0.00 | 73.88 3.32 0.00 | 73.74 3.24 0.00 | 74.93 3.11 -1.10 | 73.81 3.25 0.00 | 73.55 2.96 -0.03 | 73.89 2.97 -0.23 | 72.92 2.67 0.00 | 73.08 2.68 0.00 | 72.47 2.24 -0.11 |
| REYNOLDS_115KV_TB3 80639 | 140.93 6.73 -28.97 | 127.22 5.65 -35.94 | 125.25 5.14 -41.05 | 110.06 5.52 -18.37 | 118.00 5.42 -26.57 | 141.27 5.36 -50.90 | 167.35 5.50 -74.48 | 194.87 7.48 -62.80 | 154.37 7.75 -19.53 | 115.71 5.66 -22.96 | 92.39 5.62 -1.58 | 88.38 5.39 0.00 | 87.36 5.25 0.00 | 86.38 5.20 0.00 | 90.55 5.61 0.00 | 100.25 4.30 -25.38 | 116.53 4.23 -41.80 | 163.80 4.24 -88.84 | 149.05 4.23 -74.25 | 123.93 4.30 -49.08 | 120.21 4.31 -45.20 | 110.47 4.43 -35.79 | 97.53 4.65 -22.47 | 109.66 4.56 -34.99 |
| RIVERBAY____ 323610 | 123.67 11.15 -7.29 | 102.98 8.31 -9.04 | 96.91 7.51 -10.32 | 98.73 7.93 -4.62 | 100.26 7.57 -6.68 | 105.38 7.57 -12.80 | 114.67 8.56 -18.74 | 153.10 12.71 -15.80 | 145.09 13.09 -4.91 | 117.11 9.75 -20.26 | 98.01 9.37 -3.46 | 92.19 9.21 0.01 | 90.97 8.87 0.01 | 90.03 8.85 0.00 | 94.37 9.43 0.00 | 101.59 7.62 -23.40 | 94.19 7.61 -16.08 | 123.27 7.64 -44.91 | 106.75 7.62 -28.57 | 97.61 7.83 -19.22 | 98.38 7.99 -19.69 | 91.74 7.73 -13.76 | 86.93 7.89 -8.64 | 91.66 6.94 -14.61 |
| RIVERSDE_115KV_TB3 55908 | 140.37 6.21 -28.94 | 126.67 5.14 -35.90 | 124.82 4.74 -41.00 | 109.61 5.08 -18.35 | 117.54 4.99 -26.54 | 140.70 4.85 -50.85 | 166.66 4.89 -74.40 | 194.05 6.73 -62.74 | 153.71 7.12 -19.51 | 114.59 5.14 -22.36 | 91.85 5.20 -1.47 | 87.96 4.98 0.00 | 87.03 4.93 0.00 | 86.05 4.87 0.00 | 90.12 5.18 0.00 | 99.06 3.81 -24.68 | 116.07 3.74 -41.84 | 163.45 3.68 -89.05 | 148.54 3.67 -74.31 | 123.41 3.74 -49.12 | 119.70 3.75 -45.26 | 109.94 3.86 -35.82 | 96.98 4.08 -22.49 | 109.35 4.21 -35.03 |
| ROARING___BROOK_WT_PWR 323790 | 103.75 -1.47 0.00 | 84.61 -1.02 0.00 | 78.28 -0.79 0.00 | 85.41 -0.78 0.00 | 85.15 -0.86 0.00 | 83.90 -1.11 0.00 | 86.06 -1.31 0.00 | 122.85 -1.74 0.00 | 125.31 -1.78 0.00 | 85.87 -1.22 0.00 | 84.25 -0.94 0.00 | 81.90 -1.08 0.00 | 80.96 -1.15 0.00 | 80.04 -1.14 0.00 | 83.58 -1.36 0.00 | 69.57 -0.99 0.00 | 69.51 -0.99 0.00 | 69.45 -1.27 0.00 | 69.01 -1.55 0.00 | 68.72 -1.83 0.00 | 68.51 -2.19 0.00 | 68.15 -2.11 0.00 | 68.09 -2.32 0.00 | 68.01 -2.10 0.00 |

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| ROCHESRG_115KV_T4 355643 | 100.91 -4.31 0.00 | 82.47 -3.17 0.00 | 76.06 -3.00 0.00 | 82.74 -3.45 0.00 | 82.74 -3.27 0.00 | 82.46 -2.55 0.00 | 84.48 -2.88 0.00 | 118.74 -5.86 0.00 | 120.99 -6.10 0.00 | 83.85 -3.74 -0.50 | 81.41 -3.92 -0.14 | 79.17 -3.82 0.00 | 78.25 -3.86 0.00 | 77.28 -3.90 0.00 | 80.70 -4.25 0.00 | 67.55 -3.60 -0.59 | 67.99 -4.37 -1.87 | 70.92 -4.03 -4.24 | 68.80 -5.08 -3.31 | 67.98 -4.80 -2.22 | 68.69 -4.31 -2.31 | 66.72 -5.13 -1.60 | 66.69 -4.72 -1.00 | 68.26 -3.58 -1.72 |
| ROCHESTER_9_IC 23652 | 101.44 -3.79 0.00 | 82.98 -2.65 0.00 | 76.54 -2.53 0.00 | 83.17 -3.02 0.00 | 83.26 -2.75 0.00 | 82.97 -2.04 0.00 | 85.10 -2.27 0.00 | 119.48 -5.11 0.00 | 121.75 -5.34 0.00 | 84.46 -3.14 -0.50 | 82.00 -3.32 -0.14 | 79.75 -3.24 0.00 | 78.74 -3.37 0.00 | 77.77 -3.41 0.00 | 81.21 -3.74 0.00 | 67.98 -3.18 -0.59 | 68.50 -3.88 -1.88 | 71.38 -3.61 -4.27 | 69.25 -4.66 -3.34 | 68.50 -4.30 -2.25 | 69.15 -3.89 -2.34 | 67.16 -4.71 -1.61 | 67.05 -4.37 -1.01 | 68.62 -3.23 -1.74 |
| ROCKVIEW_13_KV_LD 356306 | 122.30 9.79 -7.29 | 102.38 7.71 -9.04 | 96.35 6.96 -10.32 | 98.13 7.33 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.40 8.30 -18.73 | 152.47 12.09 -15.80 | 144.33 12.33 -4.91 | 116.32 8.97 -20.26 | 97.34 8.69 -3.47 | 91.53 8.55 0.00 | 90.32 8.21 0.00 | 89.30 8.12 0.00 | 93.61 8.66 0.00 | 101.02 7.06 -23.40 | 93.56 6.98 -16.08 | 122.84 7.21 -44.91 | 106.33 7.20 -28.57 | 97.04 7.27 -19.22 | 97.74 7.35 -19.69 | 91.12 7.10 -13.77 | 86.17 7.11 -8.65 | 91.03 6.31 -14.61 |
| ROME____115KV_TB2 80656 | 109.33 4.10 0.00 | 88.89 3.25 0.00 | 82.07 3.00 0.00 | 89.63 3.45 0.00 | 89.71 3.70 0.00 | 89.34 4.34 0.00 | 92.09 4.72 0.00 | 131.69 7.10 0.00 | 134.20 7.12 0.00 | 91.71 4.62 0.00 | 89.19 4.00 0.00 | 86.88 3.90 0.00 | 85.80 3.69 0.00 | 84.83 3.65 0.00 | 88.77 3.82 0.00 | 73.88 3.32 0.00 | 73.74 3.24 0.00 | 74.93 3.11 -1.10 | 73.81 3.25 0.00 | 73.55 2.96 -0.03 | 73.89 2.97 -0.23 | 72.92 2.67 0.00 | 73.08 2.68 0.00 | 72.47 2.24 -0.11 |
| ROSETON____1 23587 | 120.62 8.21 -7.18 | 101.14 6.59 -8.91 | 95.18 5.93 -10.17 | 97.02 6.29 -4.55 | 98.70 6.11 -6.59 | 103.92 6.29 -12.62 | 112.82 6.99 -18.46 | 150.25 10.09 -15.57 | 141.97 10.04 -4.84 | 114.37 7.40 -19.88 | 95.74 7.16 -3.40 | 90.03 7.05 0.00 | 88.92 6.81 0.00 | 87.84 6.66 0.00 | 92.16 7.22 0.00 | 99.31 5.79 -22.96 | 91.85 5.64 -15.72 | 121.47 5.87 -44.89 | 104.26 5.79 -27.91 | 95.20 5.85 -18.80 | 96.04 6.01 -19.34 | 89.47 5.76 -13.46 | 84.63 5.77 -8.45 | 89.63 5.19 -14.32 |
| ROSETON____2 23588 | 120.62 8.21 -7.18 | 101.14 6.59 -8.91 | 95.18 5.93 -10.17 | 97.02 6.29 -4.55 | 98.70 6.11 -6.59 | 103.92 6.29 -12.62 | 112.82 6.99 -18.46 | 150.25 10.09 -15.57 | 141.97 10.04 -4.84 | 114.37 7.40 -19.88 | 95.74 7.16 -3.40 | 90.03 7.05 0.00 | 88.92 6.81 0.00 | 87.84 6.66 0.00 | 92.16 7.22 0.00 | 99.31 5.79 -22.96 | 91.85 5.64 -15.72 | 121.47 5.87 -44.89 | 104.26 5.79 -27.91 | 95.20 5.85 -18.80 | 96.04 6.01 -19.34 | 89.47 5.76 -13.46 | 84.63 5.77 -8.45 | 89.63 5.19 -14.32 |
| ROTTTRDAM_115KV_TB3 80664 | 160.23 4.21 -50.80 | 151.99 3.34 -63.01 | 154.05 3.00 -71.97 | 121.58 3.19 -32.21 | 135.78 3.18 -46.58 | 177.58 3.32 -89.26 | 221.64 3.67 -130.60 | 239.82 5.11 -110.12 | 166.54 5.21 -34.25 | 126.03 3.66 -35.28 | 90.28 3.49 -1.61 | 86.47 3.49 0.00 | 85.55 3.45 0.00 | 84.59 3.41 0.00 | 88.60 3.65 0.00 | 112.20 2.96 -38.67 | 139.43 3.03 -65.91 | 200.68 3.18 -126.77 | 190.80 3.18 -117.06 | 150.70 3.17 -76.97 | 142.39 3.18 -68.51 | 129.70 3.02 -56.43 | 108.86 3.03 -35.43 | 126.64 2.73 -53.80 |
| RUSSELL____1 23602 | 101.96 -3.26 0.00 | 83.32 -2.31 0.00 | 76.85 -2.21 0.00 | 83.60 -2.59 0.00 | 83.60 -2.41 0.00 | 83.39 -1.62 0.00 | 85.53 -1.83 0.00 | 120.11 -4.49 0.00 | 122.51 -4.58 0.00 | 84.89 -2.70 -0.50 | 82.43 -2.90 -0.14 | 80.25 -2.74 0.00 | 79.23 -2.87 0.00 | 78.26 -2.92 0.00 | 81.63 -3.31 0.00 | 68.40 -2.75 -0.59 | 68.93 -3.45 -1.88 | 71.80 -3.18 -4.27 | 69.67 -4.23 -3.34 | 68.92 -3.88 -2.25 | 69.57 -3.46 -2.34 | 67.58 -4.29 -1.61 | 67.41 -4.01 -1.01 | 68.91 -2.94 -1.74 |
| RUSSELL____2 23532 | 101.96 -3.26 0.00 | 83.32 -2.31 0.00 | 76.85 -2.21 0.00 | 83.60 -2.59 0.00 | 83.60 -2.41 0.00 | 83.39 -1.62 0.00 | 85.53 -1.83 0.00 | 120.11 -4.49 0.00 | 122.51 -4.58 0.00 | 84.89 -2.70 -0.50 | 82.43 -2.90 -0.14 | 80.25 -2.74 0.00 | 79.23 -2.87 0.00 | 78.26 -2.92 0.00 | 81.63 -3.31 0.00 | 68.40 -2.75 -0.59 | 68.93 -3.45 -1.88 | 71.80 -3.18 -4.27 | 69.67 -4.23 -3.34 | 68.92 -3.88 -2.25 | 69.57 -3.46 -2.34 | 67.58 -4.29 -1.61 | 67.41 -4.01 -1.01 | 68.91 -2.94 -1.74 |
| RUSSELL____3 23549 | 101.96 -3.26 0.00 | 83.32 -2.31 0.00 | 76.85 -2.21 0.00 | 83.60 -2.59 0.00 | 83.60 -2.41 0.00 | 83.39 -1.62 0.00 | 85.53 -1.83 0.00 | 120.11 -4.49 0.00 | 122.51 -4.58 0.00 | 84.89 -2.70 -0.50 | 82.43 -2.90 -0.14 | 80.25 -2.74 0.00 | 79.23 -2.87 0.00 | 78.26 -2.92 0.00 | 81.63 -3.31 0.00 | 68.40 -2.75 -0.59 | 68.93 -3.45 -1.88 | 71.80 -3.18 -4.27 | 69.67 -4.23 -3.34 | 68.92 -3.88 -2.25 | 69.57 -3.46 -2.34 | 67.58 -4.29 -1.61 | 67.41 -4.01 -1.01 | 68.91 -2.94 -1.74 |
| RUSSELL____4 23556 | 101.96 -3.26 0.00 | 83.32 -2.31 0.00 | 76.85 -2.21 0.00 | 83.60 -2.59 0.00 | 83.60 -2.41 0.00 | 83.39 -1.62 0.00 | 85.53 -1.83 0.00 | 120.11 -4.49 0.00 | 122.51 -4.58 0.00 | 84.89 -2.70 -0.50 | 82.43 -2.90 -0.14 | 80.25 -2.74 0.00 | 79.23 -2.87 0.00 | 78.26 -2.92 0.00 | 81.63 -3.31 0.00 | 68.40 -2.75 -0.59 | 68.93 -3.45 -1.88 | 71.80 -3.18 -4.27 | 69.67 -4.23 -3.34 | 68.92 -3.88 -2.25 | 69.57 -3.46 -2.34 | 67.58 -4.29 -1.61 | 67.41 -4.01 -1.01 | 68.91 -2.94 -1.74 |
| RUSSELL____STATION 23914 | 101.96 -3.26 0.00 | 83.32 -2.31 0.00 | 76.85 -2.21 0.00 | 83.60 -2.59 0.00 | 83.60 -2.41 0.00 | 83.39 -1.62 0.00 | 85.53 -1.83 0.00 | 120.11 -4.49 0.00 | 122.51 -4.58 0.00 | 84.89 -2.70 -0.50 | 82.43 -2.90 -0.14 | 80.25 -2.74 0.00 | 79.23 -2.87 0.00 | 78.26 -2.92 0.00 | 81.63 -3.31 0.00 | 68.40 -2.75 -0.59 | 68.93 -3.45 -1.88 | 71.80 -3.18 -4.27 | 69.67 -4.23 -3.34 | 68.92 -3.88 -2.25 | 69.57 -3.46 -2.34 | 67.58 -4.29 -1.61 | 67.41 -4.01 -1.01 | 68.91 -2.94 -1.74 |
| S SALMON____HYD 24043 | 103.22 -2.00 0.00 | 83.92 -1.71 0.00 | 77.49 -1.58 0.00 | 84.46 -1.72 0.00 | 84.46 -1.55 0.00 | 83.74 -1.27 0.00 | 86.14 -1.22 0.00 | 122.85 -1.74 0.00 | 125.31 -1.78 0.00 | 85.96 -1.13 0.00 | 83.91 -1.28 0.00 | 81.74 -1.24 0.00 | 80.79 -1.32 0.00 | 79.88 -1.30 0.00 | 83.58 -1.36 0.00 | 69.43 -1.13 0.00 | 69.30 -1.20 0.00 | 71.18 -1.13 -1.59 | 69.43 -1.13 0.00 | 69.68 -0.92 -0.05 | 70.17 -0.85 -0.31 | 69.20 -1.05 0.00 | 69.49 -0.92 0.00 | 69.22 -1.05 -0.16 |
| S.PERRY__115KV_TB1 80734 | 106.34 0.00 -1.12 | 87.19 0.17 -1.39 | 80.73 0.08 -1.58 | 86.72 -0.17 -0.71 | 87.21 0.17 -1.02 | 88.16 1.19 -1.96 | 91.64 1.40 -2.87 | 123.27 -3.74 -2.42 | 123.77 -4.07 -0.75 | 86.13 -2.44 -1.47 | 82.41 -2.98 -0.20 | 79.91 -3.07 0.00 | 78.82 -3.28 0.00 | 78.01 -3.17 0.00 | 81.55 -3.40 0.00 | 69.62 -2.61 -1.67 | 70.22 -3.03 -2.76 | 72.46 -2.90 -4.64 | 72.33 -3.32 -5.09 | 90.87 -3.10 -23.43 | 119.34 -0.85 -49.50 | 116.23 -1.90 -47.88 | 78.19 -1.83 -9.62 | 70.75 -1.89 -2.53 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 97.86 -7.37 0.00 | 80.24 -5.40 0.00 | 74.01 -5.06 0.00 | 80.32 -5.86 0.00 | 80.42 -5.59 0.00 | 80.42 -4.59 0.00 | 81.69 -5.68 0.00 | 113.50 -11.09 0.00 | 115.65 -11.44 0.00 | 80.69 -7.05 -0.66 | 78.21 -7.16 -0.19 | 76.01 -6.97 0.00 | 74.96 -7.14 0.00 | 74.04 -7.14 0.00 | 77.21 -7.73 0.00 | 64.98 -6.35 -0.77 | 64.96 -8.04 -2.50 | 68.03 -7.78 -5.09 | 66.91 -8.04 -4.39 | 60.49 -7.55 2.52 | 54.53 -6.65 9.52 | 51.34 -7.73 11.18 | 62.47 -6.90 1.04 | 65.61 -6.80 -2.30 |

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|--------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| SAWYER___23_KV_LOAD 55526 | 97.86 -7.37 0.00 | 80.24 -5.40 0.00 | 74.01 -5.06 0.00 | 80.32 -5.86 0.00 | 80.42 -5.59 0.00 | 80.42 -4.59 0.00 | 81.69 -5.68 0.00 | 113.50 -11.09 0.00 | 115.65 -11.44 0.00 | 80.69 -7.05 -0.66 | 78.21 -7.16 -0.19 | 76.01 -6.97 0.00 | 74.96 -7.14 0.00 | 74.04 -7.14 0.00 | 77.21 -7.73 0.00 | 64.98 -6.35 -0.77 | 64.96 -8.04 -2.50 | 68.03 -7.78 -5.09 | 66.91 -8.04 -4.39 | 60.49 -7.55 2.52 | 54.53 -6.65 9.52 | 51.34 -7.73 11.18 | 62.47 -6.90 1.04 | 65.61 -6.80 -2.30 |
| SELKIRK___I 23801 | 127.68 4.74 -17.71 | 111.46 3.86 -21.97 | 107.73 3.56 -25.10 | 101.20 3.79 -11.23 | 105.95 3.70 -16.24 | 119.78 3.65 -31.12 | 136.58 3.67 -45.54 | 167.84 4.85 -38.40 | 143.98 4.95 -11.94 | 103.93 3.49 -13.35 | 89.51 3.41 -0.92 | 86.47 3.48 0.00 | 85.63 3.53 0.00 | 84.75 3.57 0.00 | 88.68 3.73 0.00 | 88.03 2.75 -14.72 | 102.90 2.75 -29.66 | 144.11 2.83 -70.56 | 126.07 2.83 -52.68 | 108.42 2.83 -35.05 | 107.20 2.90 -33.60 | 98.53 2.88 -25.40 | 89.38 3.03 -15.94 | 98.86 3.16 -25.59 |
| SELKIRK___II 23799 | 128.98 4.74 -19.02 | 113.08 3.86 -23.59 | 109.58 3.56 -26.95 | 101.94 3.70 -12.06 | 107.15 3.70 -17.44 | 122.08 3.65 -33.42 | 139.94 3.67 -48.90 | 170.81 4.99 -41.23 | 145.12 5.21 -12.82 | 104.69 3.83 -13.77 | 89.78 3.74 -0.86 | 86.80 3.82 0.00 | 85.88 3.78 0.00 | 84.92 3.74 0.00 | 88.94 3.99 0.00 | 88.60 2.89 -15.14 | 104.55 2.82 -31.23 | 146.71 2.83 -73.16 | 128.86 2.83 -55.47 | 110.25 2.83 -36.87 | 108.74 2.90 -35.15 | 99.87 2.88 -26.74 | 90.29 3.09 -16.79 | 100.10 3.16 -26.83 |
| SENECA OSWGO___HYD 24041 | 102.28 -2.95 0.00 | 83.15 -2.49 0.00 | 76.77 -2.30 0.00 | 83.60 -2.58 0.00 | 83.51 -2.50 0.00 | 82.80 -2.21 0.00 | 85.36 -2.01 0.00 | 121.48 -3.11 0.00 | 123.91 -3.17 0.00 | 85.00 -2.09 0.00 | 83.06 -2.13 0.00 | 80.91 -2.07 0.00 | 80.06 -2.05 0.00 | 79.15 -2.03 0.00 | 82.82 -2.12 0.00 | 68.87 -1.69 0.00 | 68.66 -1.83 0.00 | 70.72 -1.70 -1.70 | 68.73 -1.84 0.00 | 68.84 -1.76 -0.05 | 69.28 -1.76 -0.35 | 68.21 -2.04 0.00 | 68.44 -1.97 0.00 | 68.40 -1.89 -0.17 |
| SENECA___115KV_TB3 355854 | 99.97 -6.31 -1.06 | 82.24 -4.71 -1.32 | 76.15 -4.43 -1.51 | 81.69 -5.17 -0.67 | 82.08 -4.90 -0.97 | 83.05 -3.83 -1.87 | 85.38 -4.72 -2.73 | 117.30 -9.59 -2.30 | 117.89 -9.91 -0.72 | 82.40 -6.10 -1.40 | 79.16 -6.22 -0.20 | 76.93 -6.06 0.00 | 75.87 -6.24 0.00 | 74.85 -6.33 0.00 | 78.15 -6.80 0.00 | 66.58 -5.57 -1.59 | 65.93 -7.19 -2.62 | 68.83 -7.14 -5.25 | 68.60 -6.56 -4.60 | 61.65 -6.14 2.77 | 55.13 -5.30 10.26 | 52.25 -6.46 11.54 | 63.64 -5.70 1.06 | 65.86 -6.66 -2.41 |
| SENECA___ENERGY 23797 | 104.07 -1.16 0.00 | 84.86 -0.77 0.00 | 78.28 -0.79 0.00 | 85.24 -0.95 0.00 | 85.23 -0.78 0.00 | 85.01 0.00 0.00 | 87.54 0.18 0.00 | 123.97 -0.62 0.00 | 126.45 -0.63 0.00 | 87.31 -0.35 -0.56 | 84.57 -0.77 -0.16 | 82.24 -0.75 0.00 | 81.37 -0.74 0.00 | 80.45 -0.73 0.00 | 84.09 -0.85 0.00 | 70.52 -0.71 -0.66 | 71.64 -0.99 -2.13 | 76.19 -0.78 -6.25 | 73.51 -0.84 -3.79 | 73.74 -0.77 -3.96 | 75.86 -0.71 -5.87 | 73.86 -1.40 -5.01 | 70.86 -1.27 -1.71 | 70.59 -1.48 -1.96 |
| SHOEMAKER___GT 23640 | 118.66 6.94 -6.49 | 99.25 5.56 -8.06 | 93.25 4.98 -9.20 | 95.56 5.26 -4.12 | 97.13 5.16 -5.96 | 101.78 5.36 -11.41 | 110.09 6.02 -16.70 | 147.15 8.48 -14.08 | 139.85 8.39 -4.38 | 110.73 6.18 -17.45 | 93.95 5.80 -2.97 | 88.79 5.81 0.00 | 87.69 5.59 0.00 | 86.70 5.52 0.00 | 90.89 5.94 0.00 | 95.51 4.80 -20.14 | 89.73 4.80 -14.44 | 116.86 5.02 -41.12 | 101.15 4.94 -25.64 | 92.75 4.94 -17.26 | 93.54 5.09 -17.74 | 87.46 4.84 -12.36 | 83.10 4.93 -7.76 | 87.54 4.28 -13.15 |
| SHOEMAKR_138KV_BK 111 55601 | 118.61 6.94 -6.44 | 99.10 5.48 -7.99 | 93.09 4.90 -9.12 | 95.52 5.26 -4.08 | 97.08 5.16 -5.90 | 101.68 5.36 -11.31 | 109.95 6.03 -16.56 | 147.02 8.47 -13.96 | 139.82 8.39 -4.34 | 110.54 6.18 -17.27 | 94.00 5.88 -2.94 | 88.71 5.73 0.00 | 87.69 5.58 0.00 | 86.70 5.52 0.00 | 90.97 6.03 0.00 | 95.29 4.80 -19.93 | 89.62 4.79 -14.33 | 115.94 4.95 -40.28 | 100.96 4.94 -25.45 | 92.63 4.94 -17.14 | 93.40 5.09 -17.62 | 87.37 4.85 -12.27 | 83.04 4.93 -7.70 | 87.44 4.28 -13.05 |
| SHOREHAM_IC_1 23715 | 124.61 12.10 -7.29 | 108.17 12.16 -10.38 | 106.05 10.99 -15.99 | 104.84 11.72 -6.94 | 111.14 11.70 -13.44 | 117.58 12.24 -20.33 | 149.12 13.37 -48.39 | 163.41 19.68 -19.14 | 149.58 17.54 -4.95 | 120.77 13.41 -20.28 | 100.23 11.58 -3.46 | 94.60 11.62 0.00 | 91.54 9.44 0.00 | 91.66 10.48 0.00 | 96.58 11.64 0.00 | 111.95 10.44 -30.95 | 123.07 10.51 -42.07 | 141.02 11.45 -58.85 | 139.26 11.57 -57.13 | 129.86 11.43 -47.88 | 127.63 11.53 -45.40 | 119.21 10.40 -38.57 | 107.84 11.05 -26.38 | 94.19 9.46 -14.62 |
| SHOREHAM_IC_2 23716 | 124.61 12.10 -7.29 | 108.17 12.16 -10.38 | 106.05 10.99 -15.99 | 104.84 11.72 -6.94 | 111.14 11.70 -13.44 | 117.58 12.24 -20.33 | 149.12 13.37 -48.39 | 163.41 19.68 -19.14 | 149.58 17.54 -4.95 | 120.77 13.41 -20.28 | 100.23 11.58 -3.46 | 94.60 11.62 0.00 | 91.54 9.44 0.00 | 91.66 10.48 0.00 | 96.58 11.64 0.00 | 111.95 10.44 -30.95 | 123.07 10.51 -42.07 | 141.02 11.45 -58.85 | 139.26 11.57 -57.13 | 129.86 11.43 -47.88 | 127.63 11.53 -45.40 | 119.21 10.40 -38.57 | 107.84 11.05 -26.38 | 94.19 9.46 -14.62 |
| SISSONVILLE____ 23735 | 103.01 -2.21 0.00 | 84.09 -1.54 0.00 | 78.04 -1.03 0.00 | 84.89 -1.29 0.00 | 84.38 -1.63 0.00 | 82.37 -2.64 0.00 | 83.17 -4.19 0.00 | 119.11 -5.48 0.00 | 121.37 -5.72 0.00 | 83.00 -4.09 0.00 | 81.78 -3.41 0.00 | 79.42 -3.57 0.00 | 78.90 -3.20 0.00 | 77.93 -3.25 0.00 | 81.12 -3.82 0.00 | 67.88 -2.68 0.00 | 67.96 -2.54 0.00 | 67.75 -2.97 0.00 | 67.81 -2.75 0.00 | 67.52 -3.03 0.00 | 67.59 -3.11 0.00 | 68.43 -1.83 0.00 | 68.72 -1.69 0.00 | 68.99 -1.12 0.00 |
| SITHE_IND_GS1 24169 | 101.23 -4.00 0.00 | 82.38 -3.25 0.00 | 76.06 -3.00 0.00 | 82.91 -3.27 0.00 | 82.74 -3.27 0.00 | 82.03 -2.98 0.00 | 84.40 -2.97 0.00 | 119.98 -4.61 0.00 | 122.52 -4.57 0.00 | 83.96 -3.13 0.00 | 82.03 -3.15 0.00 | 79.92 -3.07 0.00 | 79.07 -3.04 0.00 | 78.18 -3.00 0.00 | 81.80 -3.14 0.00 | 67.95 -2.61 0.00 | 67.75 -2.75 0.00 | 69.35 -2.62 -1.24 | 67.74 -2.82 0.00 | 67.84 -2.75 -0.04 | 68.27 -2.69 -0.25 | 67.30 -2.95 0.00 | 67.59 -2.82 0.00 | 67.50 -2.74 -0.13 |
| SITHE_IND_GS2 24170 | 101.23 -4.00 0.00 | 82.38 -3.25 0.00 | 76.06 -3.00 0.00 | 82.91 -3.27 0.00 | 82.74 -3.27 0.00 | 82.03 -2.98 0.00 | 84.40 -2.97 0.00 | 119.98 -4.61 0.00 | 122.52 -4.57 0.00 | 83.96 -3.13 0.00 | 82.03 -3.15 0.00 | 79.92 -3.07 0.00 | 79.07 -3.04 0.00 | 78.18 -3.00 0.00 | 81.80 -3.14 0.00 | 67.95 -2.61 0.00 | 67.75 -2.75 0.00 | 69.35 -2.62 -1.24 | 67.74 -2.82 0.00 | 67.84 -2.75 -0.04 | 68.27 -2.69 -0.25 | 67.30 -2.95 0.00 | 67.59 -2.82 0.00 | 67.50 -2.74 -0.13 |
| SITHE_IND_GS3 24171 | 101.23 -4.00 0.00 | 82.38 -3.25 0.00 | 76.06 -3.00 0.00 | 82.91 -3.27 0.00 | 82.74 -3.27 0.00 | 82.03 -2.98 0.00 | 84.40 -2.97 0.00 | 119.98 -4.61 0.00 | 122.52 -4.57 0.00 | 83.96 -3.13 0.00 | 82.03 -3.15 0.00 | 79.92 -3.07 0.00 | 79.07 -3.04 0.00 | 78.18 -3.00 0.00 | 81.80 -3.14 0.00 | 67.95 -2.61 0.00 | 67.75 -2.75 0.00 | 69.35 -2.62 -1.24 | 67.74 -2.82 0.00 | 67.84 -2.75 -0.04 | 68.27 -2.69 -0.25 | 67.30 -2.95 0.00 | 67.59 -2.82 0.00 | 67.50 -2.74 -0.13 |
| SITHE_IND_GS4 24172 | 101.23 -4.00 0.00 | 82.38 -3.25 0.00 | 76.06 -3.00 0.00 | 82.91 -3.27 0.00 | 82.74 -3.27 0.00 | 82.03 -2.98 0.00 | 84.40 -2.97 0.00 | 119.98 -4.61 0.00 | 122.52 -4.57 0.00 | 83.96 -3.13 0.00 | 82.03 -3.15 0.00 | 79.92 -3.07 0.00 | 79.07 -3.04 0.00 | 78.18 -3.00 0.00 | 81.80 -3.14 0.00 | 67.95 -2.61 0.00 | 67.75 -2.75 0.00 | 69.35 -2.62 -1.24 | 67.74 -2.82 0.00 | 67.84 -2.75 -0.04 | 68.27 -2.69 -0.25 | 67.30 -2.95 0.00 | 67.59 -2.82 0.00 | 67.50 -2.74 -0.13 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| SITHE___BATAVIA 24024 | 100.28 -4.94 0.00 | 82.21 -3.43 0.00 | 75.82 -3.25 0.00 | 82.31 -3.88 0.00 | 82.40 -3.61 0.00 | 82.46 -2.55 0.00 | 84.31 -3.06 0.00 | 117.62 -6.97 0.00 | 120.10 -6.99 0.00 | 83.24 -4.44 -0.58 | 80.32 -5.03 -0.17 | 77.92 -5.06 0.00 | 77.34 -4.76 0.00 | 76.39 -4.79 0.00 | 79.68 -5.27 0.00 | 66.87 -4.38 -0.68 | 67.13 -5.57 -2.20 | 70.13 -5.31 -4.71 | 68.52 -5.93 -3.88 | 65.23 -4.87 0.46 | 62.64 -3.75 4.31 | 59.76 -5.41 5.09 | 65.54 -4.79 0.07 | 67.58 -4.56 -2.03 |
| SITHE___INDEPEND 23800 | 101.23 -4.00 0.00 | 82.38 -3.25 0.00 | 76.06 -3.00 0.00 | 82.91 -3.27 0.00 | 82.74 -3.27 0.00 | 82.03 -2.98 0.00 | 84.40 -2.97 0.00 | 119.98 -4.61 0.00 | 122.38 -4.70 0.00 | 83.96 -3.14 0.00 | 82.03 -3.15 0.00 | 80.00 -2.99 0.00 | 79.07 -3.04 0.00 | 78.18 -3.00 0.00 | 81.80 -3.14 0.00 | 67.95 -2.61 0.00 | 67.75 -2.75 0.00 | 69.34 -2.62 -1.24 | 67.74 -2.82 0.00 | 67.77 -2.82 -0.04 | 68.20 -2.76 -0.25 | 67.30 -2.95 0.00 | 67.59 -2.82 0.00 | 67.51 -2.73 -0.13 |
| SITHE___MASSENA 23902 | 103.54 -1.69 0.00 | 84.44 -1.20 0.00 | 78.36 -0.71 0.00 | 85.24 -0.95 0.00 | 84.89 -1.12 0.00 | 83.22 -1.79 0.00 | 84.83 -2.54 0.00 | 121.10 -3.49 0.00 | 123.40 -3.69 0.00 | 84.48 -2.61 0.00 | 83.31 -1.87 0.00 | 80.66 -2.32 0.00 | 79.89 -2.21 0.00 | 79.15 -2.03 0.00 | 82.40 -2.55 0.00 | 69.15 -1.41 0.00 | 69.16 -1.34 0.00 | 69.09 -1.62 0.00 | 69.01 -1.55 0.00 | 69.07 -1.48 0.00 | 68.93 -1.76 0.00 | 69.27 -0.98 0.00 | 69.21 -1.20 0.00 | 69.41 -0.70 0.00 |
| SITHE___OGDNSBRG 24021 | 104.70 -0.53 0.00 | 85.38 -0.26 0.00 | 79.23 0.16 0.00 | 86.18 0.00 0.00 | 85.84 -0.17 0.00 | 84.16 -0.85 0.00 | 85.45 -1.92 0.00 | 122.35 -2.24 0.00 | 124.55 -2.54 0.00 | 85.00 -2.09 0.00 | 83.48 -1.70 0.00 | 80.99 -1.99 0.00 | 80.46 -1.64 0.00 | 79.48 -1.70 0.00 | 82.73 -2.21 0.00 | 69.65 -0.92 0.00 | 69.72 -0.78 0.00 | 69.59 -1.13 0.00 | 69.72 -0.85 0.00 | 69.42 -1.13 0.00 | 69.43 -1.27 0.00 | 69.97 -0.28 0.00 | 69.98 -0.42 0.00 | 70.11 0.00 0.00 |
| SITHE___STERLING 23777 | 108.59 3.37 0.00 | 88.29 2.66 0.00 | 81.52 2.45 0.00 | 88.94 2.76 0.00 | 88.94 2.93 0.00 | 88.49 3.49 0.00 | 91.30 3.94 0.00 | 130.33 5.73 0.00 | 132.81 5.72 0.00 | 90.83 3.74 0.00 | 88.42 3.24 0.00 | 86.14 3.15 0.00 | 85.15 3.04 0.00 | 84.19 3.01 0.00 | 88.09 3.14 0.00 | 73.24 2.68 0.00 | 73.03 2.53 0.00 | 74.50 2.47 -1.31 | 73.18 2.61 0.00 | 72.99 2.40 -0.04 | 73.37 2.41 -0.27 | 72.36 2.11 0.00 | 72.52 2.11 0.00 | 72.00 1.75 -0.13 |
| SLEIGHT__34_KV_TB1 80719 | 102.59 -2.63 0.00 | 83.67 -1.97 0.00 | 77.25 -1.82 0.00 | 84.03 -2.15 0.00 | 84.03 -1.98 0.00 | 83.73 -1.28 0.00 | 86.23 -1.14 0.00 | 121.85 -2.74 0.00 | 124.16 -2.92 0.00 | 85.85 -1.74 -0.50 | 83.37 -1.96 -0.14 | 81.08 -1.91 0.00 | 80.14 -1.97 0.00 | 79.15 -2.03 0.00 | 82.65 -2.29 0.00 | 69.17 -1.98 -0.59 | 69.97 -2.40 -1.87 | 73.39 -2.19 -4.86 | 71.00 -2.89 -3.33 | 70.11 -2.68 -2.24 | 70.55 -2.47 -2.33 | 68.70 -3.16 -1.61 | 68.46 -2.96 -1.01 | 69.46 -2.38 -1.73 |
| SOUTH CAIRO___GT 23612 | 131.50 8.42 -17.86 | 114.64 6.85 -22.15 | 110.54 6.17 -25.30 | 104.14 6.64 -11.32 | 109.01 6.62 -16.38 | 123.27 6.89 -31.38 | 140.27 6.99 -45.91 | 172.77 9.47 -38.71 | 147.90 8.77 -12.04 | 109.17 5.92 -16.15 | 91.75 5.11 -1.46 | 88.38 5.39 0.00 | 87.61 5.50 0.00 | 86.62 5.44 0.00 | 90.89 5.95 0.00 | 93.92 5.36 -18.00 | 103.98 4.30 -29.18 | 144.09 4.67 -68.70 | 126.98 4.59 -51.83 | 109.46 4.44 -34.47 | 108.32 4.67 -32.96 | 99.73 4.50 -24.99 | 90.74 4.65 -15.69 | 100.08 4.84 -25.12 |
| SOUTH HAMPTN___IC 23720 | 125.66 13.15 -7.29 | 108.95 12.93 -10.39 | 106.85 11.78 -16.00 | 105.70 12.58 -6.94 | 111.92 12.47 -13.44 | 118.43 13.09 -20.34 | 150.03 14.25 -48.41 | 164.80 21.06 -19.15 | 150.97 18.94 -4.95 | 121.57 14.20 -20.28 | 100.99 12.35 -3.46 | 95.26 12.28 0.00 | 92.28 10.18 0.00 | 92.30 11.12 0.00 | 97.26 12.31 0.00 | 112.49 11.00 -30.92 | 123.64 11.07 -42.07 | 141.65 12.09 -58.85 | 139.98 12.28 -57.14 | 130.66 12.21 -47.90 | 128.34 12.23 -45.41 | 120.06 11.24 -38.57 | 108.56 11.76 -26.40 | 94.83 10.10 -14.62 |
| SOUTHDOW_115KV_TB1 355954 | 102.80 -3.58 -1.15 | 84.32 -2.74 -1.43 | 78.17 -2.53 -1.63 | 83.81 -3.10 -0.73 | 84.40 -2.67 -1.05 | 85.75 -1.28 -2.02 | 88.84 -1.49 -2.95 | 122.35 -4.73 -2.49 | 123.29 -4.58 -0.77 | 86.26 -2.35 -1.52 | 82.75 -2.64 -0.21 | 80.25 -2.74 0.00 | 78.99 -3.12 0.00 | 77.85 -3.33 0.00 | 81.04 -3.91 0.00 | 69.04 -3.25 -1.72 | 68.41 -4.93 -2.85 | 71.07 -5.09 -5.44 | 71.91 -3.67 -5.02 | 67.31 -3.32 -0.08 | 63.78 -2.83 4.09 | 60.78 -4.00 5.47 | 67.21 -3.31 -0.11 | 67.04 -5.68 -2.61 |
| SOUTHOLD_69_KV_BK 2 55809 | 127.77 15.26 -7.29 | 110.15 14.13 -10.39 | 107.88 12.81 -16.00 | 106.82 13.70 -6.94 | 113.13 13.68 -13.44 | 119.54 14.20 -20.34 | 151.42 15.64 -48.41 | 166.66 22.92 -19.15 | 153.77 21.73 -4.95 | 122.70 15.33 -20.28 | 101.94 13.29 -3.46 | 96.01 13.03 0.00 | 93.10 11.00 0.00 | 93.19 12.01 0.00 | 98.28 13.34 0.00 | 113.34 11.85 -30.93 | 124.41 11.84 -42.07 | 142.05 13.01 -58.32 | 141.11 13.41 -57.14 | 131.85 13.41 -47.90 | 129.54 13.43 -45.41 | 121.33 12.50 -38.57 | 109.62 12.81 -26.40 | 95.88 11.15 -14.62 |
| SOUTHOLD___IC 23719 | 127.04 14.53 -7.29 | 110.07 14.04 -10.39 | 107.88 12.81 -16.00 | 106.83 13.70 -6.94 | 113.13 13.68 -13.44 | 119.62 14.28 -20.34 | 151.33 15.55 -48.41 | 166.78 23.05 -19.15 | 152.88 20.84 -4.95 | 122.70 15.33 -20.28 | 101.93 13.28 -3.46 | 96.26 13.27 0.00 | 93.27 11.16 0.00 | 93.19 12.01 0.00 | 98.28 13.34 0.00 | 113.34 11.85 -30.93 | 124.41 11.84 -42.07 | 142.65 13.08 -58.85 | 141.26 13.55 -57.14 | 131.93 13.48 -47.90 | 129.62 13.51 -45.41 | 121.19 12.37 -38.57 | 109.62 12.82 -26.40 | 95.81 11.07 -14.62 |
| SOUTH_FORK_WT_PWR 323839 | 126.82 14.31 -7.29 | 109.98 13.96 -10.39 | 107.80 12.73 -16.00 | 106.73 13.61 -6.94 | 113.04 13.58 -13.44 | 119.54 14.20 -20.34 | 151.25 15.47 -48.41 | 166.54 22.80 -19.15 | 152.62 20.59 -4.95 | 122.44 15.07 -20.28 | 101.59 12.94 -3.46 | 96.01 13.03 0.00 | 93.11 11.01 0.00 | 93.12 11.94 0.00 | 98.11 13.17 0.00 | 113.13 11.64 -30.93 | 124.20 11.63 -42.07 | 142.37 12.80 -58.85 | 141.12 13.41 -57.14 | 131.86 13.41 -47.90 | 129.62 13.51 -45.41 | 121.19 12.37 -38.57 | 109.62 12.82 -26.40 | 95.81 11.07 -14.62 |
| SPIERFLS_115KV_TB 1 80737 | 157.44 5.05 -47.16 | 147.82 3.68 -58.50 | 149.29 3.40 -66.82 | 119.79 3.71 -29.90 | 132.87 3.61 -43.25 | 171.71 3.83 -82.87 | 213.08 4.46 -121.26 | 233.19 6.35 -102.24 | 165.49 6.61 -31.79 | 126.89 6.27 -33.53 | 92.81 5.96 -1.66 | 88.79 5.81 0.00 | 87.85 5.75 0.00 | 86.94 5.76 0.00 | 91.06 6.12 0.00 | 112.66 5.29 -36.80 | 136.17 3.81 -61.87 | 194.98 3.96 -120.30 | 184.47 4.02 -109.89 | 146.73 3.88 -72.29 | 139.10 3.82 -64.58 | 126.81 3.58 -52.97 | 107.05 3.38 -33.26 | 123.76 3.01 -50.63 |
| ST LAWRENCE____ 23600 | 103.12 -2.10 0.00 | 84.01 -1.63 0.00 | 77.80 -1.27 0.00 | 84.80 -1.38 0.00 | 84.55 -1.46 0.00 | 83.06 -1.95 0.00 | 84.75 -2.62 0.00 | 121.23 -3.36 0.00 | 123.66 -3.43 0.00 | 84.48 -2.61 0.00 | 83.06 -2.13 0.00 | 80.57 -2.41 0.00 | 79.72 -2.38 0.00 | 78.91 -2.27 0.00 | 82.40 -2.55 0.00 | 68.94 -1.62 0.00 | 68.88 -1.62 0.00 | 68.88 -1.84 0.00 | 68.80 -1.76 0.00 | 68.79 -1.76 0.00 | 68.65 -2.05 0.00 | 68.77 -1.48 0.00 | 68.79 -1.62 0.00 | 68.92 -1.19 0.00 |
| STATE_CA_115KV_115_LB 55624 | 143.10 6.00 -31.87 | 130.05 4.88 -39.54 | 128.74 4.51 -45.16 | 111.22 4.83 -20.21 | 119.97 4.73 -29.23 | 145.61 4.59 -56.01 | 173.95 4.63 -81.95 | 200.04 6.35 -69.10 | 155.31 6.74 -21.49 | 115.89 4.96 -23.83 | 91.56 4.94 -1.43 | 87.80 4.81 0.00 | 86.87 4.76 0.00 | 85.89 4.71 0.00 | 89.87 4.93 0.00 | 100.41 3.60 -26.25 | 119.05 3.45 -45.10 | 168.42 3.47 -94.24 | 154.06 3.39 -80.11 | 126.91 3.46 -52.90 | 122.59 3.46 -48.43 | 112.38 3.51 -38.62 | 98.45 3.80 -24.25 | 111.69 4.00 -37.58 |

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| STATE_ST_34_KV_LOAD 55959 | 105.75 0.53 0.00 | 85.98 0.34 0.00 | 79.38 0.32 0.00 | 86.44 0.26 0.00 | 86.44 0.43 0.00 | 86.03 1.02 0.00 | 88.77 1.40 0.00 | 126.09 1.50 0.00 | 128.61 1.53 0.00 | 88.78 1.13 -0.56 | 86.19 0.85 -0.16 | 83.81 0.83 0.00 | 82.84 0.74 0.00 | 81.83 0.65 0.00 | 85.62 0.68 0.00 | 71.78 0.56 -0.66 | 73.05 0.42 -2.13 | 78.40 0.57 -7.12 | 74.84 0.49 -3.78 | 74.44 0.56 -3.32 | 75.69 0.57 -4.43 | 73.83 0.00 -3.58 | 71.93 0.07 -1.46 | 71.86 -0.21 -1.95 |
| STATION 5_MISC_HYD 23604 | 101.44 -3.78 0.00 | 82.98 -2.66 0.00 | 76.54 -2.53 0.00 | 83.16 -3.02 0.00 | 83.25 -2.76 0.00 | 82.97 -2.04 0.00 | 85.10 -2.27 0.00 | 119.48 -5.11 0.00 | 122.00 -5.09 0.00 | 84.46 -3.13 -0.50 | 81.75 -3.57 -0.14 | 79.50 -3.48 0.00 | 78.74 -3.37 0.00 | 77.77 -3.41 0.00 | 81.21 -3.74 0.00 | 67.98 -3.17 -0.59 | 68.50 -3.88 -1.88 | 71.39 -3.60 -4.28 | 69.32 -4.59 -3.34 | 68.57 -4.23 -2.25 | 69.36 -3.68 -2.34 | 67.16 -4.71 -1.61 | 67.05 -4.37 -1.01 | 68.63 -3.22 -1.74 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 103.54 -1.68 0.00 | 84.52 -1.11 0.00 | 78.04 -1.03 0.00 | 84.89 -1.29 0.00 | 84.98 -1.03 0.00 | 84.67 -0.34 0.00 | 87.11 -0.26 0.00 | 122.97 -1.62 0.00 | 125.31 -1.78 0.00 | 86.65 -0.96 -0.51 | 84.05 -1.28 -0.15 | 81.74 -1.24 0.00 | 80.79 -1.31 0.00 | 79.80 -1.38 0.00 | 83.33 -1.61 0.00 | 69.83 -1.34 -0.60 | 70.66 -1.76 -1.93 | 73.56 -1.56 -4.40 | 71.80 -2.19 -3.42 | 70.89 -1.98 -2.31 | 71.34 -1.77 -2.41 | 69.37 -2.53 -1.65 | 69.12 -2.32 -1.04 | 70.07 -1.82 -1.77 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 101.02 -4.21 0.00 | 82.64 -3.00 0.00 | 76.22 -2.85 0.00 | 82.91 -3.27 0.00 | 82.91 -3.10 0.00 | 82.63 -2.38 0.00 | 84.75 -2.62 0.00 | 119.23 -5.36 0.00 | 121.50 -5.59 0.00 | 84.19 -3.40 -0.50 | 81.75 -3.58 -0.14 | 79.50 -3.49 0.00 | 78.58 -3.53 0.00 | 77.61 -3.57 0.00 | 80.95 -3.99 0.00 | 67.83 -3.32 -0.59 | 68.35 -4.02 -1.87 | 71.30 -3.68 -4.25 | 69.15 -4.73 -3.32 | 68.41 -4.37 -2.23 | 68.99 -4.03 -2.32 | 67.07 -4.78 -1.60 | 66.91 -4.51 -1.00 | 68.40 -3.44 -1.72 |
| STA_56___34_KV_BUS2 355983 | 101.02 -4.21 0.00 | 82.64 -3.00 0.00 | 76.22 -2.85 0.00 | 82.91 -3.27 0.00 | 82.91 -3.10 0.00 | 82.63 -2.38 0.00 | 84.75 -2.62 0.00 | 119.23 -5.36 0.00 | 121.50 -5.59 0.00 | 84.19 -3.40 -0.50 | 81.75 -3.58 -0.14 | 79.50 -3.49 0.00 | 78.58 -3.53 0.00 | 77.61 -3.57 0.00 | 80.95 -3.99 0.00 | 67.83 -3.32 -0.59 | 68.35 -4.02 -1.87 | 71.30 -3.68 -4.25 | 69.15 -4.73 -3.32 | 68.41 -4.37 -2.23 | 68.99 -4.03 -2.32 | 67.07 -4.78 -1.60 | 66.91 -4.51 -1.00 | 68.40 -3.44 -1.72 |
| STA_67___115KV_BK2 355882 | 101.23 -4.00 0.00 | 82.72 -2.91 0.00 | 76.38 -2.69 0.00 | 82.99 -3.19 0.00 | 83.09 -2.92 0.00 | 82.80 -2.21 0.00 | 84.83 -2.53 0.00 | 119.23 -5.36 0.00 | 121.50 -5.59 0.00 | 84.20 -3.40 -0.50 | 81.75 -3.58 -0.14 | 79.50 -3.49 0.00 | 78.49 -3.61 0.00 | 77.61 -3.57 0.00 | 80.95 -3.99 0.00 | 67.84 -3.32 -0.59 | 68.29 -4.09 -1.88 | 71.23 -3.75 -4.26 | 69.03 -4.87 -3.34 | 68.28 -4.52 -2.25 | 69.00 -4.03 -2.33 | 66.94 -4.92 -1.61 | 66.91 -4.51 -1.01 | 68.48 -3.37 -1.73 |
| STA_7___115KV_9TRANS 80674 | 101.96 -3.26 0.00 | 83.32 -2.31 0.00 | 76.85 -2.21 0.00 | 83.60 -2.59 0.00 | 83.60 -2.41 0.00 | 83.39 -1.62 0.00 | 85.53 -1.83 0.00 | 120.11 -4.49 0.00 | 122.51 -4.58 0.00 | 84.89 -2.70 -0.50 | 82.43 -2.90 -0.14 | 80.25 -2.74 0.00 | 79.23 -2.87 0.00 | 78.26 -2.92 0.00 | 81.63 -3.31 0.00 | 68.40 -2.75 -0.59 | 68.93 -3.45 -1.88 | 71.80 -3.18 -4.27 | 69.67 -4.23 -3.34 | 68.92 -3.88 -2.25 | 69.57 -3.46 -2.34 | 67.58 -4.29 -1.61 | 67.41 -4.01 -1.01 | 68.91 -2.94 -1.74 |
| STA_82___115KV_TB1 80780 | 101.23 -4.00 0.00 | 82.81 -2.83 0.00 | 76.38 -2.69 0.00 | 83.08 -3.10 0.00 | 83.09 -2.92 0.00 | 82.80 -2.21 0.00 | 84.92 -2.45 0.00 | 119.23 -5.36 0.00 | 121.50 -5.59 0.00 | 84.20 -3.40 -0.51 | 81.75 -3.58 -0.14 | 79.50 -3.49 0.00 | 78.58 -3.53 0.00 | 77.61 -3.57 0.00 | 81.04 -3.91 0.00 | 67.84 -3.32 -0.59 | 68.30 -4.09 -1.89 | 71.25 -3.75 -4.28 | 69.13 -4.80 -3.36 | 68.30 -4.52 -2.26 | 69.03 -4.03 -2.36 | 67.05 -4.85 -1.64 | 66.92 -4.51 -1.02 | 68.49 -3.37 -1.75 |
| STEEL___WIND 323596 | 99.76 -6.52 -1.06 | 82.08 -4.88 -1.32 | 76.07 -4.50 -1.51 | 81.51 -5.34 -0.67 | 81.91 -5.07 -0.97 | 82.97 -3.91 -1.87 | 85.29 -4.81 -2.73 | 117.05 -9.85 -2.30 | 117.89 -9.91 -0.72 | 82.31 -6.18 -1.40 | 78.73 -6.64 -0.20 | 76.43 -6.56 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.96 0.00 | 66.44 -5.71 -1.59 | 65.86 -7.26 -2.62 | 68.77 -7.21 -5.27 | 68.53 -6.64 -4.60 | 61.64 -6.14 2.77 | 55.27 -5.16 10.27 | 52.10 -6.61 11.54 | 63.58 -5.77 1.06 | 65.72 -6.80 -2.41 |
| STEPHTWN_115KV_BK_2 55603 | 137.61 7.05 -25.33 | 122.80 5.74 -31.43 | 120.18 5.22 -35.90 | 107.85 5.60 -16.06 | 114.83 5.59 -23.23 | 135.05 5.53 -44.52 | 158.01 5.50 -65.14 | 187.24 7.72 -54.92 | 152.17 8.01 -17.08 | 112.19 5.66 -19.44 | 92.09 5.62 -1.28 | 88.46 5.48 0.00 | 87.44 5.34 0.00 | 86.46 5.28 0.00 | 90.46 5.52 0.00 | 96.18 4.16 -21.45 | 112.54 4.09 -37.96 | 158.07 4.17 -83.18 | 142.15 4.16 -67.42 | 119.35 4.16 -44.64 | 116.42 4.17 -41.55 | 106.90 4.14 -32.50 | 95.18 4.37 -20.41 | 106.70 4.56 -32.03 |
| STEUBEN_REC_LFGE 323667 | 105.29 -1.37 -1.44 | 86.31 -1.11 -1.78 | 79.76 -1.34 -2.04 | 85.37 -1.72 -0.91 | 85.87 -1.46 -1.32 | 87.36 -0.17 -2.53 | 91.06 0.00 -3.70 | 125.71 -1.99 -3.12 | 126.02 -2.03 -0.97 | 87.75 -1.22 -1.88 | 83.83 -1.62 -0.26 | 81.32 -1.66 0.00 | 80.38 -1.72 0.00 | 79.56 -1.62 0.00 | 83.24 -1.70 0.00 | 71.50 -1.20 -2.13 | 72.01 -2.04 -3.56 | 71.02 -2.19 -2.49 | 75.31 -1.69 -6.44 | 86.12 -1.83 -17.40 | 103.49 -1.70 -34.49 | 100.30 -2.67 -32.72 | 74.95 -2.68 -7.21 | 69.22 -4.14 -3.25 |
| STILLWATER___SOLAR 323814 | 157.20 6.63 -45.34 | 147.10 5.22 -56.24 | 148.13 4.82 -64.24 | 120.10 5.17 -28.75 | 132.75 5.16 -41.58 | 169.95 5.27 -79.67 | 209.70 5.76 -116.57 | 230.86 7.98 -98.29 | 165.79 8.14 -30.57 | 125.74 6.00 -32.65 | 92.58 5.71 -1.69 | 88.54 5.56 0.00 | 87.61 5.50 0.00 | 86.62 5.44 0.00 | 90.80 5.86 0.00 | 111.37 4.94 -35.87 | 134.99 4.65 -59.84 | 192.62 4.81 -117.09 | 181.72 4.87 -106.29 | 145.30 4.80 -69.95 | 138.18 4.87 -62.61 | 126.13 4.64 -51.24 | 107.15 4.57 -32.17 | 123.37 4.21 -49.05 |
| STONY___BROOK 24151 | 124.82 12.31 -7.29 | 107.57 11.56 -10.38 | 105.49 10.44 -15.98 | 104.24 11.12 -6.93 | 110.44 11.01 -13.42 | 116.88 11.56 -20.32 | 148.28 12.58 -48.33 | 162.16 18.44 -19.14 | 149.18 17.15 -4.95 | 120.35 12.98 -20.28 | 100.41 11.76 -3.46 | 94.27 11.28 0.00 | 91.87 9.77 0.00 | 91.49 10.31 0.00 | 96.33 11.39 0.00 | 111.64 10.09 -30.99 | 122.64 10.08 -42.07 | 140.31 10.75 -58.85 | 138.37 10.72 -57.09 | 129.06 10.65 -47.85 | 126.82 10.74 -45.38 | 118.92 10.12 -38.55 | 107.18 10.42 -26.35 | 93.64 8.91 -14.62 |
| STURGEON_POOL_HYD 23609 | 126.09 11.26 -9.61 | 106.55 8.99 -11.92 | 100.75 8.07 -13.61 | 100.89 8.62 -6.09 | 103.34 8.52 -8.81 | 110.82 8.93 -16.88 | 122.03 9.96 -24.70 | 159.62 14.20 -20.83 | 147.16 13.60 -6.48 | 115.10 9.67 -18.35 | 97.03 9.03 -2.82 | 91.70 8.71 0.00 | 90.64 8.54 0.00 | 89.54 8.36 0.00 | 94.12 9.17 0.00 | 99.14 7.55 -21.02 | 94.18 5.57 -18.11 | 124.91 5.87 -48.32 | 108.52 5.79 -32.17 | 97.92 5.79 -21.58 | 98.39 5.94 -21.75 | 91.45 5.69 -15.51 | 85.85 5.70 -9.74 | 91.26 4.91 -16.24 |
| ST_LAW_115_BK7_LBMP 345037 | 102.91 -2.32 0.00 | 83.92 -1.71 0.00 | 77.72 -1.34 0.00 | 84.72 -1.47 0.00 | 84.46 -1.55 0.00 | 82.89 -2.12 0.00 | 84.57 -2.80 0.00 | 120.97 -3.62 0.00 | 123.40 -3.69 0.00 | 84.30 -2.79 0.00 | 82.89 -2.30 0.00 | 80.41 -2.57 0.00 | 79.56 -2.55 0.00 | 78.75 -2.43 0.00 | 82.14 -2.80 0.00 | 68.80 -1.76 0.00 | 68.80 -1.69 0.00 | 68.74 -1.98 0.00 | 68.66 -1.90 0.00 | 68.65 -1.90 0.00 | 68.51 -2.19 0.00 | 68.71 -1.55 0.00 | 68.72 -1.69 0.00 | 68.85 -1.26 0.00 |

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| ST_LAW_115_BK8_LBMP 345038 | 102.91 -2.32 0.00 | 83.92 -1.71 0.00 | 77.72 -1.34 0.00 | 84.72 -1.47 0.00 | 84.46 -1.55 0.00 | 82.89 -2.12 0.00 | 84.57 -2.80 0.00 | 120.97 -3.62 0.00 | 123.40 -3.69 0.00 | 84.30 -2.79 0.00 | 82.89 -2.30 0.00 | 80.41 -2.57 0.00 | 79.56 -2.55 0.00 | 78.75 -2.43 0.00 | 82.14 -2.80 0.00 | 68.80 -1.76 0.00 | 68.80 -1.69 0.00 | 68.74 -1.98 0.00 | 68.66 -1.90 0.00 | 68.65 -1.90 0.00 | 68.51 -2.19 0.00 | 68.71 -1.55 0.00 | 68.72 -1.69 0.00 | 68.85 -1.26 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 103.12 -2.10 0.00 | 84.01 -1.63 0.00 | 77.80 -1.27 0.00 | 84.80 -1.38 0.00 | 84.55 -1.46 0.00 | 83.06 -1.95 0.00 | 84.75 -2.62 0.00 | 121.23 -3.36 0.00 | 123.66 -3.43 0.00 | 84.48 -2.61 0.00 | 83.06 -2.13 0.00 | 80.57 -2.41 0.00 | 79.72 -2.38 0.00 | 78.91 -2.27 0.00 | 82.40 -2.55 0.00 | 68.94 -1.62 0.00 | 68.88 -1.62 0.00 | 68.88 -1.84 0.00 | 68.80 -1.76 0.00 | 68.79 -1.76 0.00 | 68.65 -2.05 0.00 | 68.77 -1.48 0.00 | 68.79 -1.62 0.00 | 68.92 -1.19 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 103.12 -2.10 0.00 | 84.01 -1.63 0.00 | 77.80 -1.27 0.00 | 84.80 -1.38 0.00 | 84.55 -1.46 0.00 | 83.06 -1.95 0.00 | 84.75 -2.62 0.00 | 121.23 -3.36 0.00 | 123.66 -3.43 0.00 | 84.48 -2.61 0.00 | 83.06 -2.13 0.00 | 80.57 -2.41 0.00 | 79.72 -2.38 0.00 | 78.91 -2.27 0.00 | 82.40 -2.55 0.00 | 68.94 -1.62 0.00 | 68.88 -1.62 0.00 | 68.88 -1.84 0.00 | 68.80 -1.76 0.00 | 68.79 -1.76 0.00 | 68.65 -2.05 0.00 | 68.77 -1.48 0.00 | 68.79 -1.62 0.00 | 68.92 -1.19 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 119.58 7.68 -6.68 | 100.00 6.08 -8.28 | 93.99 5.46 -9.46 | 96.10 5.69 -4.23 | 97.73 5.59 -6.12 | 102.52 5.78 -11.74 | 111.09 6.55 -17.17 | 148.54 9.47 -14.48 | 140.99 9.40 -4.50 | 112.03 6.88 -18.06 | 94.82 6.56 -3.08 | 89.46 6.47 0.00 | 88.35 6.24 0.00 | 87.35 6.17 0.00 | 91.65 6.71 0.00 | 96.77 5.36 -20.85 | 90.58 5.29 -14.80 | 117.75 5.52 -41.51 | 102.28 5.43 -26.28 | 93.75 5.50 -17.69 | 94.46 5.59 -18.17 | 88.33 5.41 -12.67 | 83.78 5.42 -7.95 | 88.35 4.77 -13.47 |
| SWANROAD_115KV_TB1 355699 | 95.44 -9.79 0.00 | 78.27 -7.36 0.00 | 72.27 -6.80 0.00 | 78.43 -7.76 0.00 | 78.44 -7.57 0.00 | 78.46 -6.55 0.00 | 79.59 -7.78 0.00 | 110.39 -14.20 0.00 | 112.35 -14.74 0.00 | 78.41 -9.32 -0.63 | 76.08 -9.28 -0.18 | 74.02 -8.96 0.00 | 72.99 -9.11 0.00 | 72.01 -9.17 0.00 | 75.17 -9.77 0.00 | 63.19 -8.11 -0.74 | 63.03 -9.87 -2.40 | 66.14 -9.55 -4.97 | 64.56 -10.23 -4.22 | 59.73 -9.17 1.65 | 55.48 -7.92 7.30 | 53.11 -9.13 8.01 | 61.78 -8.10 0.53 | 64.19 -8.13 -2.21 |
| SYNERGY___BIOGAS 323694 | 100.28 -4.94 0.00 | 82.21 -3.43 0.00 | 75.82 -3.25 0.00 | 82.31 -3.88 0.00 | 82.40 -3.61 0.00 | 82.46 -2.55 0.00 | 84.31 -3.06 0.00 | 117.62 -6.97 0.00 | 120.10 -6.99 0.00 | 83.24 -4.44 -0.58 | 80.32 -5.03 -0.17 | 77.92 -5.06 0.00 | 77.34 -4.76 0.00 | 76.39 -4.79 0.00 | 79.68 -5.27 0.00 | 66.87 -4.38 -0.68 | 67.13 -5.57 -2.20 | 70.13 -5.31 -4.71 | 68.52 -5.93 -3.88 | 65.23 -4.87 0.46 | 62.64 -3.75 4.31 | 59.76 -5.41 5.09 | 65.54 -4.79 0.07 | 67.58 -4.56 -2.03 |
| SYRACUSE___ENERGY_ST1 323597 | 104.91 -0.32 0.00 | 85.29 -0.34 0.00 | 78.75 -0.32 0.00 | 85.75 -0.43 0.00 | 85.67 -0.34 0.00 | 85.09 0.09 0.00 | 87.72 0.35 0.00 | 124.72 0.12 0.00 | 127.21 0.13 0.00 | 87.71 0.17 -0.45 | 85.27 0.00 -0.09 | 82.98 0.00 0.00 | 82.11 0.00 0.00 | 81.18 0.00 0.00 | 84.94 0.00 0.00 | 71.02 -0.07 -0.53 | 70.29 -0.21 0.00 | 73.09 -0.07 -2.44 | 70.35 -0.21 0.00 | 70.49 -0.14 -0.07 | 71.13 -0.07 -0.50 | 69.76 -0.49 0.00 | 69.98 -0.42 0.00 | 69.87 -0.49 -0.25 |
| SYRACUSE___ENERGY_ST2 323598 | 104.91 -0.32 0.00 | 85.29 -0.34 0.00 | 78.75 -0.32 0.00 | 85.75 -0.43 0.00 | 85.67 -0.34 0.00 | 85.09 0.09 0.00 | 87.72 0.35 0.00 | 124.72 0.12 0.00 | 127.21 0.13 0.00 | 87.71 0.17 -0.45 | 85.27 0.00 -0.09 | 82.98 0.00 0.00 | 82.11 0.00 0.00 | 81.18 0.00 0.00 | 84.94 0.00 0.00 | 71.02 -0.07 -0.53 | 70.29 -0.21 0.00 | 73.09 -0.07 -2.44 | 70.35 -0.21 0.00 | 70.49 -0.14 -0.07 | 71.13 -0.07 -0.50 | 69.76 -0.49 0.00 | 69.98 -0.42 0.00 | 69.87 -0.49 -0.25 |
| SYRACUSE___POWER 24017 | 104.59 -0.63 0.00 | 85.04 -0.60 0.00 | 78.52 -0.55 0.00 | 85.49 -0.69 0.00 | 85.41 -0.60 0.00 | 84.84 -0.17 0.00 | 87.54 0.17 0.00 | 124.34 -0.25 0.00 | 126.83 -0.25 0.00 | 87.55 0.00 -0.45 | 85.10 -0.17 -0.09 | 82.82 -0.17 0.00 | 81.86 -0.25 0.00 | 80.94 -0.24 0.00 | 84.69 -0.25 0.00 | 70.81 -0.28 -0.53 | 70.07 -0.42 0.00 | 73.53 -0.28 -3.09 | 70.21 -0.35 0.00 | 70.28 -0.35 -0.08 | 70.93 -0.28 -0.51 | 69.62 -0.63 0.00 | 69.84 -0.56 0.00 | 69.67 -0.70 -0.25 |
| TALLMAN___138KV_BK151 55660 | 120.32 8.21 -6.89 | 100.60 6.42 -8.54 | 94.60 5.77 -9.76 | 96.67 6.12 -4.37 | 98.26 5.93 -6.31 | 103.23 6.12 -12.10 | 112.06 6.99 -17.70 | 149.61 10.09 -14.93 | 141.90 10.17 -4.64 | 113.41 7.49 -18.83 | 95.64 7.24 -3.21 | 90.04 7.05 0.00 | 88.92 6.81 0.00 | 87.92 6.74 0.00 | 92.16 7.22 0.00 | 98.16 5.86 -21.74 | 91.52 5.78 -15.24 | 119.41 6.01 -42.68 | 103.56 5.93 -27.07 | 94.77 6.00 -18.22 | 95.47 6.08 -18.70 | 89.20 5.90 -13.05 | 84.51 5.91 -8.19 | 89.16 5.19 -13.86 |
| TEALLAVE_115KV_TB7 355573 | 103.96 -1.26 0.00 | 84.52 -1.11 0.00 | 77.96 -1.11 0.00 | 84.98 -1.21 0.00 | 84.89 -1.12 0.00 | 84.33 -0.68 0.00 | 86.93 -0.44 0.00 | 123.59 -1.00 0.00 | 126.07 -1.02 0.00 | 86.85 -0.61 -0.37 | 84.49 -0.77 -0.08 | 82.24 -0.75 0.00 | 81.37 -0.74 0.00 | 80.45 -0.73 0.00 | 84.18 -0.76 0.00 | 70.30 -0.71 -0.44 | 69.58 -0.92 0.00 | 72.00 -0.78 -2.06 | 69.65 -0.92 0.00 | 69.70 -0.92 -0.06 | 70.27 -0.85 -0.42 | 69.13 -1.12 0.00 | 69.35 -1.06 0.00 | 69.20 -1.12 -0.21 |
| TELGRAPH_34_KV_EAST 80808 | 98.07 -7.16 0.00 | 80.50 -5.14 0.00 | 74.25 -4.82 0.00 | 80.58 -5.60 0.00 | 80.68 -5.33 0.00 | 80.76 -4.25 0.00 | 82.21 -5.15 0.00 | 114.37 -10.22 0.00 | 116.54 -10.55 0.00 | 81.16 -6.53 -0.60 | 78.79 -6.56 -0.17 | 76.59 -6.39 0.00 | 75.54 -6.57 0.00 | 74.60 -6.58 0.00 | 77.81 -7.14 0.00 | 65.34 -5.93 -0.71 | 65.44 -7.33 -2.28 | 68.44 -7.07 -4.80 | 66.81 -7.76 -4.01 | 62.87 -6.70 0.98 | 59.35 -5.73 5.62 | 56.95 -6.88 6.41 | 64.00 -6.13 0.28 | 66.25 -5.96 -2.09 |
| TEMPLE___115KV_TB 2 55572 | 104.07 -1.16 0.00 | 84.61 -1.03 0.00 | 78.04 -1.03 0.00 | 85.06 -1.12 0.00 | 84.98 -1.03 0.00 | 84.41 -0.60 0.00 | 87.02 -0.35 0.00 | 123.59 -1.00 0.00 | 126.07 -1.02 0.00 | 86.95 -0.52 -0.38 | 84.58 -0.68 -0.08 | 82.32 -0.66 0.00 | 81.45 -0.66 0.00 | 80.53 -0.65 0.00 | 84.26 -0.68 0.00 | 70.30 -0.71 -0.45 | 69.65 -0.85 0.00 | 72.10 -0.71 -2.09 | 69.72 -0.85 0.00 | 69.77 -0.85 -0.06 | 70.35 -0.78 -0.43 | 69.13 -1.12 0.00 | 69.42 -0.99 0.00 | 69.28 -1.05 -0.21 |
| TIANA____69_KV_BK 1 55817 | 126.09 13.57 -7.29 | 108.78 12.76 -10.39 | 106.61 11.54 -16.00 | 105.44 12.32 -6.94 | 111.66 12.21 -13.44 | 118.10 12.75 -20.34 | 149.76 13.98 -48.41 | 164.42 20.68 -19.15 | 151.48 19.44 -4.95 | 121.39 14.02 -20.28 | 100.91 12.27 -3.46 | 94.85 11.87 0.00 | 91.95 9.85 0.00 | 92.14 10.96 0.00 | 97.09 12.15 0.00 | 112.36 10.87 -30.93 | 123.50 10.93 -42.07 | 140.92 11.88 -58.32 | 139.70 12.00 -57.14 | 130.37 11.92 -47.90 | 128.06 11.95 -45.41 | 119.92 11.10 -38.57 | 108.35 11.55 -26.40 | 94.69 9.96 -14.62 |
| TILDEN___115KV_TB1 80814 | 104.59 -0.63 0.00 | 85.04 -0.60 0.00 | 78.52 -0.55 0.00 | 85.49 -0.69 0.00 | 85.41 -0.60 0.00 | 84.84 -0.17 0.00 | 87.54 0.17 0.00 | 124.34 -0.25 0.00 | 126.83 -0.25 0.00 | 87.55 0.00 -0.45 | 85.10 -0.17 -0.09 | 82.82 -0.17 0.00 | 81.86 -0.25 0.00 | 80.94 -0.24 0.00 | 84.69 -0.25 0.00 | 70.81 -0.28 -0.53 | 70.07 -0.42 0.00 | 73.53 -0.28 -3.09 | 70.21 -0.35 0.00 | 70.28 -0.35 -0.08 | 70.93 -0.28 -0.51 | 69.62 -0.63 0.00 | 69.84 -0.56 0.00 | 69.67 -0.70 -0.25 |

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|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| TRIGEN___CC 323695 | 123.04 10.52 -7.29 | 104.73 9.33 -9.76 | 100.83 8.38 -13.38 | 100.92 8.88 -5.86 | 105.10 8.77 -10.32 | 110.88 9.01 -16.86 | 131.96 9.87 -34.72 | 156.52 14.33 -17.60 | 146.50 14.49 -4.93 | 117.81 10.45 -20.27 | 98.64 9.97 -3.49 | 92.28 9.29 0.00 | 90.58 8.46 -0.02 | 89.87 8.69 0.00 | 94.37 9.43 0.00 | 121.29 8.11 -42.61 | 120.04 8.04 -41.51 | 138.32 8.20 -59.40 | 126.19 8.19 -47.44 | 119.57 8.33 -40.69 | 119.19 8.41 -40.08 | 113.83 8.15 -35.43 | 96.99 8.38 -18.21 | 91.88 7.15 -14.61 |
| TRINITY___115KV___4 BK 55933 | 137.31 5.79 -26.30 | 123.06 4.80 -32.63 | 120.76 4.43 -37.27 | 107.60 4.74 -16.68 | 114.78 4.64 -24.12 | 135.73 4.51 -46.22 | 159.54 4.54 -67.63 | 187.72 6.10 -57.02 | 151.30 6.48 -17.73 | 111.92 4.79 -20.04 | 91.34 4.86 -1.30 | 87.63 4.65 0.00 | 86.70 4.60 0.00 | 85.73 4.55 0.00 | 89.78 4.84 0.00 | 96.13 3.46 -22.11 | 112.91 3.38 -39.03 | 158.89 3.32 -84.85 | 143.20 3.32 -69.32 | 119.81 3.39 -45.88 | 116.67 3.39 -42.58 | 107.11 3.44 -33.42 | 95.12 3.73 -20.98 | 106.90 3.93 -32.86 |
| UNION___PROCESSING_DRP 323587 | 101.23 -4.00 0.00 | 82.81 -2.83 0.00 | 76.38 -2.69 0.00 | 83.08 -3.10 0.00 | 83.09 -2.92 0.00 | 82.88 -2.13 0.00 | 84.92 -2.45 0.00 | 119.23 -5.36 0.00 | 121.62 -5.46 0.00 | 84.29 -3.31 -0.51 | 81.83 -3.49 -0.14 | 79.58 -3.40 0.00 | 78.58 -3.53 0.00 | 77.61 -3.57 0.00 | 81.04 -3.91 0.00 | 67.84 -3.32 -0.60 | 68.38 -4.02 -1.90 | 71.33 -3.68 -4.29 | 69.13 -4.80 -3.37 | 68.38 -4.44 -2.27 | 69.05 -4.03 -2.38 | 67.05 -4.85 -1.65 | 66.99 -4.44 -1.02 | 68.50 -3.37 -1.75 |
| UPPER HUDSON___HYD 24058 | 157.33 4.95 -47.16 | 147.82 3.68 -58.50 | 149.29 3.40 -66.82 | 119.79 3.70 -29.90 | 132.87 3.61 -43.25 | 171.71 3.83 -82.87 | 213.08 4.45 -121.26 | 233.18 6.35 -102.24 | 165.49 6.60 -31.79 | 126.89 6.27 -33.53 | 92.81 5.96 -1.66 | 88.88 5.89 0.00 | 87.94 5.83 0.00 | 86.94 5.76 0.00 | 91.06 6.12 0.00 | 112.66 5.29 -36.80 | 136.17 3.80 -61.87 | 195.00 3.96 -120.33 | 184.47 4.02 -109.89 | 146.72 3.88 -72.29 | 139.16 3.89 -64.58 | 126.81 3.58 -52.97 | 107.05 3.38 -33.26 | 123.76 3.01 -50.63 |
| UPPER RAQUET___HYD 24056 | 103.01 -2.21 0.00 | 84.01 -1.63 0.00 | 78.04 -1.03 0.00 | 84.89 -1.29 0.00 | 84.37 -1.64 0.00 | 82.37 -2.64 0.00 | 83.26 -4.10 0.00 | 119.11 -5.48 0.00 | 121.37 -5.72 0.00 | 83.00 -4.09 0.00 | 82.12 -3.06 0.00 | 79.42 -3.57 0.00 | 78.66 -3.45 0.00 | 77.93 -3.25 0.00 | 81.12 -3.82 0.00 | 67.88 -2.68 0.00 | 67.89 -2.61 0.00 | 67.75 -2.97 0.00 | 67.74 -2.82 0.00 | 67.59 -2.96 0.00 | 67.52 -3.18 0.00 | 68.42 -1.83 0.00 | 68.72 -1.69 0.00 | 68.99 -1.12 0.00 |
| VALLEY44_115KV_TB2 355964 | 101.06 -5.37 -1.20 | 83.01 -4.11 -1.49 | 76.90 -3.87 -1.70 | 82.38 -4.57 -0.76 | 82.81 -4.30 -1.10 | 83.80 -3.32 -2.11 | 86.70 -3.76 -3.09 | 119.10 -8.10 -2.60 | 119.76 -8.13 -0.81 | 83.63 -5.05 -1.59 | 80.12 -5.28 -0.22 | 77.84 -5.15 0.00 | 76.85 -5.25 0.00 | 75.90 -5.28 0.00 | 79.25 -5.69 0.00 | 67.70 -4.66 -1.80 | 67.62 -5.85 -2.98 | 70.04 -6.44 -5.75 | 72.87 -2.96 -5.27 | 69.18 -2.61 -1.24 | 67.02 -2.05 1.63 | 64.16 -3.09 3.00 | 68.55 -2.46 -0.61 | 66.04 -6.80 -2.73 |
| VALLEY___115KV_TB 1-4 80826 | 109.54 4.31 0.00 | 89.06 3.43 0.00 | 82.15 3.08 0.00 | 89.54 3.36 0.00 | 89.45 3.44 0.00 | 88.66 3.66 0.00 | 91.30 3.93 0.00 | 129.95 5.36 0.00 | 132.55 5.46 0.00 | 90.92 3.83 0.00 | 88.76 3.58 0.00 | 86.55 3.57 0.00 | 85.55 3.45 0.00 | 84.59 3.41 0.00 | 88.51 3.57 0.00 | 73.39 2.82 0.00 | 73.32 2.82 0.00 | 73.55 2.83 0.00 | 73.39 2.82 0.00 | 73.23 2.68 0.00 | 73.31 2.62 0.00 | 72.71 2.46 0.00 | 72.80 2.39 0.00 | 72.15 2.03 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 119.57 7.58 -6.77 | 100.03 5.99 -8.40 | 94.12 5.46 -9.59 | 96.42 5.95 -4.29 | 98.33 6.11 -6.21 | 103.79 6.89 -11.90 | 112.29 7.51 -17.41 | 149.86 10.59 -14.68 | 142.33 10.68 -4.57 | 100.85 7.23 -6.53 | 92.49 6.64 -0.66 | 89.54 6.56 0.00 | 88.43 6.32 0.00 | 87.51 6.33 0.00 | 91.65 6.71 0.00 | 83.37 5.50 -7.31 | 88.42 5.50 -12.43 | 104.29 5.52 -28.06 | 98.56 5.93 -22.07 | 90.99 5.79 -14.65 | 90.44 5.94 -13.80 | 86.44 5.55 -10.64 | 82.72 5.63 -6.68 | 85.45 4.77 -10.57 |
| VISCHER___FERRY HYD 24020 | 151.18 6.84 -39.11 | 139.81 5.65 -48.52 | 139.63 5.14 -55.42 | 116.58 5.60 -24.80 | 127.39 5.51 -35.87 | 159.35 5.61 -68.73 | 193.88 5.94 -100.57 | 217.48 8.09 -84.80 | 161.60 8.14 -26.37 | 122.45 5.93 -29.44 | 92.72 5.80 -1.75 | 88.63 5.65 0.00 | 87.61 5.50 0.00 | 86.62 5.44 0.00 | 90.80 5.86 0.00 | 107.73 4.73 -32.44 | 128.24 4.80 -52.94 | 181.74 4.88 -106.15 | 169.46 4.87 -94.04 | 137.45 4.94 -61.96 | 131.56 4.95 -55.92 | 120.43 4.84 -45.33 | 103.80 4.93 -28.46 | 118.39 4.63 -43.65 |
| V_A_10_SYNC_DSASP 323832 | 98.39 -6.84 0.00 | 80.67 -4.97 0.00 | 74.40 -4.67 0.00 | 80.84 -5.34 0.00 | 80.85 -5.16 0.00 | 80.68 -4.33 0.00 | 82.21 -5.15 0.00 | 114.62 -9.97 0.00 | 116.92 -10.17 0.00 | 81.21 -6.44 -0.57 | 78.53 -6.82 -0.16 | 76.34 -6.64 0.00 | 75.70 -6.40 0.00 | 74.77 -6.41 0.00 | 77.98 -6.96 0.00 | 65.44 -5.78 -0.66 | 65.51 -7.12 -2.13 | 68.70 -6.65 -4.63 | 66.35 -7.97 -3.76 | 62.57 -7.55 0.44 | 59.85 -6.65 4.20 | 57.57 -7.80 4.88 | 63.18 -7.18 0.05 | 66.47 -5.61 -1.96 |
| V_CMM_10_SYNC_DSASP 323787 | 103.44 -1.79 0.00 | 84.26 -1.37 0.00 | 78.12 -0.95 0.00 | 85.15 -1.03 0.00 | 84.81 -1.20 0.00 | 83.22 -1.79 0.00 | 84.92 -2.45 0.00 | 121.48 -3.11 0.00 | 123.78 -3.30 0.00 | 84.65 -2.44 0.00 | 83.23 -1.96 0.00 | 80.75 -2.24 0.00 | 79.97 -2.14 0.00 | 79.07 -2.11 0.00 | 82.48 -2.47 0.00 | 69.08 -1.49 0.00 | 69.09 -1.41 0.00 | 69.02 -1.70 0.00 | 68.94 -1.62 0.00 | 69.00 -1.55 0.00 | 68.86 -1.84 0.00 | 69.06 -1.19 0.00 | 69.00 -1.41 0.00 | 69.20 -0.91 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 105.65 0.42 0.00 | 86.15 0.52 0.00 | 79.86 0.79 0.00 | 86.87 0.69 0.00 | 86.53 0.52 0.00 | 84.92 -0.08 0.00 | 86.06 -1.31 0.00 | 121.85 -2.74 0.00 | 124.29 -2.80 0.00 | 85.79 -1.30 0.00 | 84.33 -0.85 0.00 | 81.90 -1.08 0.00 | 81.04 -1.07 0.00 | 80.21 -0.97 0.00 | 83.67 -1.27 0.00 | 70.14 -0.42 0.00 | 70.22 -0.28 0.00 | 70.01 -0.71 0.00 | 69.79 -0.77 0.00 | 69.78 -0.77 0.00 | 69.56 -1.13 0.00 | 69.62 -0.63 0.00 | 69.35 -1.05 0.00 | 69.97 -0.14 0.00 |
| V_D_10_SYNC_DSASP 323841 | 103.54 -1.69 0.00 | 84.44 -1.20 0.00 | 78.36 -0.71 0.00 | 85.24 -0.95 0.00 | 84.89 -1.12 0.00 | 83.22 -1.79 0.00 | 84.83 -2.54 0.00 | 121.10 -3.49 0.00 | 123.53 -3.56 0.00 | 84.48 -2.61 0.00 | 83.31 -1.87 0.00 | 80.66 -2.32 0.00 | 79.97 -2.14 0.00 | 79.15 -2.03 0.00 | 82.40 -2.55 0.00 | 69.15 -1.41 0.00 | 69.16 -1.34 0.00 | 69.09 -1.62 0.00 | 69.01 -1.55 0.00 | 69.07 -1.48 0.00 | 68.93 -1.76 0.00 | 69.27 -0.98 0.00 | 69.21 -1.20 0.00 | 69.41 -0.70 0.00 |
| V_E_10_SYNC_DSASP 323830 | 118.65 10.20 -3.22 | 97.60 7.97 -3.99 | 90.75 7.12 -4.56 | 96.07 7.84 -2.04 | 97.30 8.34 -2.95 | 100.69 10.03 -5.66 | 106.48 10.83 -8.28 | 146.77 15.19 -6.98 | 144.25 14.99 -2.17 | 100.71 10.10 -3.52 | 94.38 8.78 -0.42 | 91.28 8.30 0.00 | 89.82 7.72 0.00 | 88.97 7.79 0.00 | 93.27 8.33 0.00 | 82.00 7.48 -3.96 | 84.87 7.69 -6.69 | 98.99 7.71 -20.56 | 90.85 8.39 -11.89 | 87.31 7.76 -9.00 | 88.62 7.71 -10.21 | 84.95 6.60 -8.10 | 80.55 6.12 -4.02 | 80.69 4.70 -5.87 |
| V_F_30_NSYNC___DSASP 323816 | 158.01 6.63 -46.16 | 148.11 5.22 -57.25 | 149.29 4.82 -65.40 | 120.62 5.17 -29.26 | 133.50 5.16 -42.33 | 171.38 5.27 -81.10 | 211.80 5.76 -118.67 | 232.63 7.98 -100.06 | 166.34 8.14 -31.12 | 126.14 6.00 -33.04 | 92.66 5.80 -1.68 | 88.63 5.65 0.00 | 87.69 5.59 0.00 | 86.70 5.52 0.00 | 90.89 5.94 0.00 | 111.86 5.01 -36.29 | 135.97 4.72 -60.75 | 194.07 4.81 -118.54 | 183.33 4.87 -107.90 | 146.35 4.80 -71.00 | 139.07 4.87 -63.49 | 126.90 4.64 -52.02 | 107.64 4.57 -32.66 | 124.08 4.21 -49.76 |

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| V_F_30_SYNC_DSASP 323786 | 142.64 6.00 -31.42 | 129.49 4.88 -38.97 | 128.09 4.51 -44.52 | 110.93 4.83 -19.92 | 119.55 4.73 -28.81 | 144.81 4.59 -55.21 | 172.78 4.63 -80.78 | 199.06 6.35 -68.11 | 155.00 6.74 -21.18 | 115.58 4.96 -23.52 | 91.54 4.94 -1.42 | 87.80 4.81 0.00 | 86.87 4.76 0.00 | 85.89 4.71 0.00 | 89.87 4.93 0.00 | 100.07 3.60 -25.91 | 118.56 3.45 -44.61 | 167.59 3.39 -93.47 | 153.18 3.39 -79.23 | 126.34 3.46 -52.33 | 122.11 3.46 -47.95 | 111.96 3.51 -38.19 | 98.19 3.80 -23.98 | 111.31 4.00 -37.20 |
| V_XM_10_SYNC_DSASP 323789 | 105.65 0.42 0.00 | 86.15 0.52 0.00 | 79.86 0.79 0.00 | 86.87 0.69 0.00 | 86.53 0.52 0.00 | 84.92 -0.08 0.00 | 86.06 -1.31 0.00 | 121.85 -2.74 0.00 | 124.29 -2.80 0.00 | 85.79 -1.30 0.00 | 84.33 -0.85 0.00 | 81.90 -1.08 0.00 | 81.04 -1.07 0.00 | 80.21 -0.97 0.00 | 83.67 -1.27 0.00 | 70.14 -0.42 0.00 | 70.22 -0.28 0.00 | 70.01 -0.71 0.00 | 69.79 -0.77 0.00 | 69.78 -0.77 0.00 | 69.56 -1.13 0.00 | 69.62 -0.63 0.00 | 69.35 -1.05 0.00 | 69.97 -0.14 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 120.68 8.52 -6.93 | 100.91 6.68 -8.60 | 94.90 6.01 -9.82 | 96.95 6.38 -4.39 | 98.56 6.19 -6.36 | 103.56 6.38 -12.18 | 112.44 7.25 -17.82 | 150.08 10.47 -15.03 | 142.31 10.55 -4.67 | 113.84 7.75 -18.99 | 95.84 7.41 -3.24 | 90.29 7.30 0.00 | 89.08 6.98 0.00 | 88.08 6.90 0.00 | 92.42 7.47 0.00 | 98.56 6.07 -21.93 | 91.83 5.99 -15.34 | 119.88 6.22 -42.94 | 103.94 6.14 -27.24 | 95.09 6.21 -18.33 | 95.80 6.29 -18.81 | 89.50 6.11 -13.13 | 84.78 6.13 -8.24 | 89.46 5.40 -13.95 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 122.72 10.21 -7.29 | 102.47 7.79 -9.04 | 96.43 7.04 -10.32 | 98.21 7.41 -4.62 | 99.92 7.22 -6.68 | 105.12 7.31 -12.80 | 114.40 8.30 -18.73 | 152.59 12.21 -15.79 | 144.45 12.45 -4.91 | 116.49 9.14 -20.26 | 97.51 8.86 -3.47 | 91.78 8.80 0.00 | 90.56 8.46 0.00 | 89.54 8.36 0.00 | 93.86 8.92 0.00 | 101.16 7.20 -23.40 | 93.70 7.12 -16.08 | 122.90 7.28 -44.90 | 106.40 7.27 -28.57 | 97.11 7.34 -19.22 | 97.81 7.42 -19.69 | 91.19 7.17 -13.77 | 86.30 7.25 -8.65 | 91.17 6.45 -14.61 |
| W50THST__13_KV_LOAD 356117 | 123.35 10.84 -7.29 | 102.81 8.14 -9.04 | 96.74 7.35 -10.32 | 98.56 7.76 -4.62 | 100.26 7.57 -6.68 | 105.55 7.74 -12.80 | 114.84 8.74 -18.73 | 153.34 12.96 -15.79 | 145.22 13.22 -4.91 | 117.10 9.75 -20.26 | 98.02 9.37 -3.47 | 92.28 9.29 0.00 | 91.06 8.95 0.00 | 90.03 8.85 0.00 | 94.37 9.43 0.00 | 101.58 7.62 -23.40 | 94.19 7.61 -16.08 | 123.33 7.71 -44.90 | 106.75 7.62 -28.57 | 97.53 7.76 -19.22 | 98.16 7.78 -19.69 | 91.54 7.52 -13.77 | 86.66 7.60 -8.65 | 91.45 6.73 -14.61 |
| WADING RIVER_IC_1 23522 | 124.40 11.89 -7.29 | 108.18 12.16 -10.39 | 106.06 10.99 -16.00 | 104.84 11.72 -6.94 | 111.15 11.70 -13.44 | 117.59 12.24 -20.34 | 149.15 13.37 -48.42 | 163.55 19.81 -19.15 | 149.45 17.41 -4.95 | 120.77 13.41 -20.28 | 100.23 11.58 -3.46 | 94.60 11.62 0.00 | 91.54 9.44 0.00 | 91.66 10.48 0.00 | 96.58 11.64 0.00 | 111.92 10.44 -30.92 | 123.14 10.57 -42.07 | 141.02 11.45 -58.85 | 139.28 11.57 -57.15 | 129.96 11.50 -47.90 | 127.64 11.53 -45.42 | 119.22 10.40 -38.57 | 107.86 11.05 -26.40 | 94.19 9.46 -14.62 |
| WADING RIVER_IC_2 23547 | 124.40 11.89 -7.29 | 108.18 12.16 -10.39 | 106.06 10.99 -16.00 | 104.84 11.72 -6.94 | 111.15 11.70 -13.44 | 117.59 12.24 -20.34 | 149.15 13.37 -48.42 | 163.55 19.81 -19.15 | 149.45 17.41 -4.95 | 120.77 13.41 -20.28 | 100.23 11.58 -3.46 | 94.60 11.62 0.00 | 91.54 9.44 0.00 | 91.66 10.48 0.00 | 96.58 11.64 0.00 | 111.92 10.44 -30.92 | 123.14 10.57 -42.07 | 141.02 11.45 -58.85 | 139.28 11.57 -57.15 | 129.96 11.50 -47.90 | 127.64 11.53 -45.42 | 119.22 10.40 -38.57 | 107.86 11.05 -26.40 | 94.19 9.46 -14.62 |
| WADING RIVER_IC_3 23601 | 124.40 11.89 -7.29 | 108.18 12.16 -10.39 | 106.06 10.99 -16.00 | 104.84 11.72 -6.94 | 111.15 11.70 -13.44 | 117.59 12.24 -20.34 | 149.15 13.37 -48.42 | 163.55 19.81 -19.15 | 149.45 17.41 -4.95 | 120.77 13.41 -20.28 | 100.23 11.58 -3.46 | 94.60 11.62 0.00 | 91.54 9.44 0.00 | 91.66 10.48 0.00 | 96.58 11.64 0.00 | 111.92 10.44 -30.92 | 123.14 10.57 -42.07 | 141.02 11.45 -58.85 | 139.28 11.57 -57.15 | 129.96 11.50 -47.90 | 127.64 11.53 -45.42 | 119.22 10.40 -38.57 | 107.86 11.05 -26.40 | 94.19 9.46 -14.62 |
| WALDENNY_12_KV_BK2 80841 | 99.75 -6.52 -1.05 | 82.06 -4.88 -1.31 | 76.05 -4.51 -1.49 | 81.59 -5.26 -0.67 | 81.90 -5.07 -0.97 | 82.95 -3.91 -1.85 | 85.27 -4.81 -2.71 | 117.03 -9.84 -2.28 | 117.63 -10.17 -0.71 | 82.30 -6.18 -1.39 | 79.07 -6.30 -0.19 | 76.84 -6.14 0.00 | 75.78 -6.32 0.00 | 74.77 -6.41 0.00 | 77.98 -6.97 0.00 | 66.50 -5.65 -1.58 | 65.76 -7.33 -2.60 | 68.73 -7.21 -5.22 | 68.28 -6.84 -4.56 | 61.56 -6.35 2.64 | 55.26 -5.51 9.92 | 52.43 -6.67 11.15 | 63.56 -5.84 1.00 | 65.84 -6.66 -2.39 |
| WALDEN__HYDRO 24148 | 121.29 8.84 -7.23 | 101.63 7.02 -8.97 | 95.56 6.25 -10.24 | 97.40 6.64 -4.58 | 99.18 6.54 -6.63 | 104.51 6.80 -12.71 | 113.56 7.60 -18.59 | 151.23 10.96 -15.67 | 142.64 10.68 -4.87 | 113.58 7.66 -18.83 | 95.68 7.33 -3.18 | 90.12 7.14 0.00 | 89.00 6.90 0.00 | 88.00 6.82 0.00 | 92.33 7.39 0.00 | 98.28 6.00 -21.72 | 91.77 5.78 -15.50 | 119.98 6.01 -43.25 | 104.01 5.93 -27.52 | 95.00 5.93 -18.52 | 95.78 6.08 -19.00 | 89.35 5.83 -13.27 | 84.65 5.91 -8.33 | 89.39 5.19 -14.09 |
| WARRENSBURG____ 23737 | 157.33 4.95 -47.16 | 147.82 3.68 -58.50 | 149.29 3.40 -66.82 | 119.79 3.70 -29.90 | 132.87 3.61 -43.25 | 171.71 3.83 -82.87 | 213.08 4.45 -121.26 | 233.18 6.35 -102.24 | 165.49 6.60 -31.79 | 126.89 6.27 -33.53 | 92.81 5.96 -1.66 | 88.88 5.89 0.00 | 87.94 5.83 0.00 | 86.94 5.76 0.00 | 91.06 6.12 0.00 | 112.66 5.29 -36.80 | 136.17 3.80 -61.87 | 195.00 3.96 -120.33 | 184.47 4.02 -109.89 | 146.72 3.88 -72.29 | 139.16 3.89 -64.58 | 126.81 3.58 -52.97 | 107.05 3.38 -33.26 | 123.76 3.01 -50.63 |
| WATERSIDE____6 8 9 23538 | 122.93 10.42 -7.29 | 97.81 7.96 -4.21 | 92.38 7.20 -6.11 | 93.92 7.58 -0.15 | 95.45 7.22 -2.21 | 101.46 7.31 -9.14 | 111.22 8.30 -15.55 | 146.45 12.33 -9.52 | 130.41 12.71 9.38 | 93.17 9.49 3.41 | 72.89 9.20 21.50 | 81.17 9.13 10.94 | 81.00 8.79 9.89 | 77.61 8.69 12.26 | 81.38 9.26 12.82 | 79.58 7.48 -1.54 | 80.60 7.40 -2.70 | 99.86 7.50 -21.64 | 87.97 7.48 -9.93 | 72.82 7.62 5.35 | 84.66 7.71 -6.26 | 81.38 7.52 -3.61 | 73.79 7.60 4.22 | 85.91 6.73 -9.06 |
| WATKINRD_115KV_LN8_ILLION 55919 | 108.38 3.16 0.00 | 88.20 2.57 0.00 | 81.36 2.29 0.00 | 88.68 2.50 0.00 | 88.59 2.58 0.00 | 87.73 2.72 0.00 | 90.34 2.97 0.00 | 128.70 4.11 0.00 | 131.28 4.19 0.00 | 89.97 2.87 0.00 | 87.82 2.64 0.00 | 85.72 2.74 0.00 | 84.73 2.63 0.00 | 83.78 2.60 0.00 | 87.75 2.80 0.00 | 72.68 2.12 0.00 | 72.68 2.19 0.00 | 72.91 2.19 0.00 | 72.75 2.19 0.00 | 72.67 2.12 0.00 | 72.82 2.12 0.00 | 72.22 1.97 0.00 | 72.38 1.97 0.00 | 71.87 1.75 0.00 |
| WATSON__69_KV_BK 1 55734 | 126.09 13.57 -7.29 | 108.15 12.16 -10.36 | 105.87 10.91 -15.89 | 104.71 11.63 -6.89 | 110.84 11.53 -13.31 | 117.27 12.07 -20.19 | 148.38 13.19 -47.82 | 162.98 19.31 -19.08 | 151.10 19.06 -4.95 | 120.87 13.50 -20.28 | 101.09 12.44 -3.47 | 94.60 11.62 0.00 | 92.28 10.18 0.00 | 91.98 10.80 0.00 | 96.83 11.89 0.00 | 112.65 10.51 -31.58 | 123.16 10.50 -42.16 | 140.33 11.17 -58.44 | 138.47 11.15 -56.75 | 129.34 11.15 -47.64 | 127.12 11.17 -45.25 | 119.38 10.61 -38.52 | 107.29 10.84 -26.04 | 94.13 9.40 -14.62 |
| WDELAWARE__HYD 323627 | 121.37 8.94 -7.20 | 101.67 7.10 -8.94 | 95.60 6.33 -10.21 | 97.48 6.73 -4.57 | 99.33 6.71 -6.61 | 104.98 7.31 -12.66 | 114.01 8.13 -18.52 | 151.66 11.46 -15.62 | 142.74 10.80 -4.86 | 111.35 7.67 -16.60 | 94.96 7.07 -2.72 | 89.79 6.81 0.00 | 88.75 6.65 0.00 | 87.59 6.41 0.00 | 91.99 7.05 0.00 | 95.52 5.85 -19.10 | 90.95 5.50 -14.95 | 118.45 5.80 -41.93 | 102.90 5.79 -26.55 | 94.12 5.71 -17.86 | 94.88 5.94 -18.24 | 88.68 5.62 -12.80 | 84.08 5.63 -8.04 | 88.49 4.83 -13.55 |

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|--|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| WEST BABYLON___IC 23714 | 125.35 12.84 -7.29 | 107.50 11.56 -10.30 | 105.07 10.36 -15.65 | 104.01 11.03 -6.79 | 109.95 10.92 -13.02 | 116.18 11.31 -19.87 | 146.34 12.41 -46.57 | 161.72 18.19 -18.94 | 150.08 18.05 -4.95 | 120.17 12.80 -20.28 | 100.58 11.93 -3.47 | 94.10 11.12 0.00 | 91.96 9.85 0.00 | 91.49 10.31 0.00 | 96.24 11.30 0.00 | 113.58 9.95 -33.07 | 122.86 9.94 -42.42 | 139.92 10.47 -58.74 | 136.96 10.44 -55.96 | 128.14 10.44 -47.15 | 126.17 10.53 -44.94 | 118.76 10.05 -38.46 | 105.98 10.28 -25.29 | 93.63 8.90 -14.62 |
| WEST CANADA___HYD 24049 | 106.28 1.05 0.00 | 86.49 0.86 0.00 | 79.78 0.71 0.00 | 86.96 0.77 0.00 | 86.78 0.77 0.00 | 85.94 0.94 0.00 | 88.42 1.05 0.00 | 125.96 1.37 0.00 | 128.49 1.40 0.00 | 88.14 1.05 0.00 | 86.12 0.94 0.00 | 83.98 1.00 0.00 | 83.09 0.99 0.00 | 82.16 0.98 0.00 | 85.97 1.02 0.00 | 71.27 0.71 0.00 | 71.20 0.70 0.00 | 71.43 0.71 0.00 | 71.27 0.71 0.00 | 71.26 0.71 0.00 | 71.40 0.71 0.00 | 70.81 0.56 0.00 | 71.11 0.70 0.00 | 70.67 0.56 0.00 |
| WESTERN_NY_WIND 24143 | 99.96 -5.26 0.00 | 81.95 -3.68 0.00 | 75.67 -3.40 0.00 | 82.13 -4.05 0.00 | 82.23 -3.78 0.00 | 82.29 -2.72 0.00 | 84.05 -3.32 0.00 | 117.36 -7.23 0.00 | 119.46 -7.63 0.00 | 82.98 -4.70 -0.59 | 80.49 -4.86 -0.17 | 78.25 -4.73 0.00 | 77.18 -4.93 0.00 | 76.23 -4.95 0.00 | 79.42 -5.52 0.00 | 66.74 -4.52 -0.69 | 67.02 -5.71 -2.23 | 70.01 -5.45 -4.74 | 68.28 -6.21 -3.93 | 64.74 -5.15 0.66 | 61.56 -4.31 4.82 | 59.10 -5.55 5.61 | 65.32 -4.93 0.15 | 67.40 -4.77 -2.05 |
| WESTOVER___LESR 323668 | 108.19 0.74 -2.23 | 88.92 0.51 -2.77 | 82.63 0.40 -3.16 | 87.94 0.34 -1.42 | 88.49 0.43 -2.05 | 89.87 0.94 -3.92 | 94.25 1.14 -5.74 | 130.18 0.75 -4.84 | 129.36 0.76 -1.51 | 90.64 0.70 -2.85 | 86.00 0.43 -0.39 | 83.48 0.50 0.00 | 82.52 0.41 0.00 | 81.59 0.41 0.00 | 85.45 0.51 0.00 | 74.07 0.28 -3.23 | 75.94 0.00 -5.44 | 84.79 0.00 -14.08 | 80.65 0.42 -9.67 | 77.57 0.49 -6.52 | 78.02 0.64 -6.69 | 75.12 0.21 -4.66 | 73.69 0.35 -2.93 | 74.63 -0.42 -4.93 |
| WETHRSFD_WT_PWR 323626 | 100.74 -5.68 -1.20 | 82.76 -4.36 -1.49 | 76.65 -4.11 -1.70 | 82.12 -4.82 -0.76 | 82.55 -4.56 -1.10 | 83.62 -3.49 -2.10 | 86.34 -4.10 -3.08 | 118.84 -8.35 -2.60 | 119.50 -8.39 -0.81 | 83.19 -5.48 -1.58 | 79.44 -5.97 -0.22 | 77.09 -5.89 0.00 | 76.36 -5.75 0.00 | 75.50 -5.68 0.00 | 78.91 -6.03 0.00 | 67.49 -4.87 -1.79 | 67.40 -6.06 -2.97 | 69.92 -6.22 -5.42 | 69.72 -5.93 -5.08 | 47.97 -5.86 16.73 | 22.72 -5.23 42.75 | 20.11 -6.46 43.68 | 57.76 -5.98 6.67 | 65.96 -6.87 -2.72 |
| WHAVSTOR_138KV_BK127 55557 | 120.27 8.10 -6.94 | 100.58 6.34 -8.61 | 94.59 5.69 -9.83 | 96.62 6.03 -4.40 | 98.22 5.85 -6.36 | 103.24 6.04 -12.20 | 112.03 6.81 -17.84 | 149.60 9.97 -15.05 | 141.68 9.91 -4.68 | 113.43 7.32 -19.03 | 95.50 7.07 -3.25 | 89.95 6.97 0.00 | 88.76 6.65 0.00 | 87.84 6.66 0.00 | 92.08 7.14 0.00 | 98.25 5.72 -21.97 | 91.56 5.71 -15.36 | 119.65 5.94 -42.99 | 103.69 5.86 -27.27 | 94.84 5.93 -18.36 | 95.54 6.01 -18.83 | 89.16 5.76 -13.15 | 84.51 5.84 -8.25 | 89.19 5.12 -13.96 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 120.27 8.10 -6.94 | 100.58 6.34 -8.61 | 94.59 5.69 -9.83 | 96.62 6.03 -4.40 | 98.22 5.85 -6.36 | 103.24 6.04 -12.20 | 112.03 6.81 -17.84 | 149.60 9.97 -15.05 | 141.68 9.91 -4.68 | 113.43 7.32 -19.03 | 95.50 7.07 -3.25 | 89.95 6.97 0.00 | 88.76 6.65 0.00 | 87.84 6.66 0.00 | 92.08 7.14 0.00 | 98.25 5.72 -21.97 | 91.56 5.71 -15.36 | 119.65 5.94 -42.99 | 103.69 5.86 -27.27 | 94.84 5.93 -18.36 | 95.54 6.01 -18.83 | 89.16 5.76 -13.15 | 84.51 5.84 -8.25 | 89.19 5.12 -13.96 |
| WHITEHAL_115KV_TB1 80871 | 158.70 6.73 -46.74 | 148.50 4.88 -57.98 | 149.81 4.51 -66.23 | 120.64 4.83 -29.64 | 133.78 4.90 -42.87 | 172.25 5.10 -82.14 | 213.49 5.94 -120.18 | 234.52 8.60 -101.34 | 167.37 8.77 -31.51 | 127.64 7.23 -33.32 | 93.67 6.81 -1.67 | 89.71 6.72 0.00 | 88.76 6.65 0.00 | 87.76 6.58 0.00 | 91.91 6.97 0.00 | 113.29 6.14 -36.59 | 136.84 4.93 -61.40 | 195.51 5.23 -119.56 | 184.92 5.29 -109.06 | 147.39 5.08 -71.76 | 139.85 5.02 -64.13 | 127.46 4.64 -52.58 | 107.78 4.37 -33.01 | 124.31 3.93 -50.27 |
| WHITEPLN_13_KV_LOAD 356215 | 122.49 10.00 -7.27 | 102.62 7.96 -9.02 | 96.56 7.20 -10.30 | 98.38 7.58 -4.61 | 100.16 7.48 -6.67 | 105.35 7.57 -12.77 | 114.71 8.65 -18.69 | 153.06 12.71 -15.76 | 144.95 12.96 -4.90 | 116.70 9.41 -20.21 | 97.75 9.11 -3.46 | 91.86 8.88 0.00 | 90.64 8.54 0.00 | 89.62 8.44 0.00 | 93.95 9.00 0.00 | 101.24 7.34 -23.34 | 93.88 7.33 -16.05 | 123.18 7.64 -44.82 | 106.70 7.62 -28.51 | 97.29 7.55 -19.18 | 97.91 7.56 -19.65 | 91.30 7.31 -13.75 | 86.36 7.32 -8.63 | 91.21 6.52 -14.58 |
| WM_FLOYD_69_KV_BK2 356380 | 125.35 12.84 -7.29 | 108.01 11.99 -10.38 | 105.82 10.75 -15.99 | 104.58 11.46 -6.94 | 110.88 11.44 -13.43 | 117.24 11.90 -20.33 | 148.85 13.11 -48.38 | 163.05 19.31 -19.14 | 150.46 18.43 -4.95 | 120.60 13.24 -20.28 | 100.40 11.76 -3.46 | 94.19 11.20 0.00 | 91.46 9.36 0.00 | 91.49 10.31 0.00 | 96.41 11.47 0.00 | 111.75 10.23 -30.96 | 122.93 10.36 -42.07 | 140.22 11.17 -58.33 | 138.90 11.22 -57.12 | 129.58 11.15 -47.88 | 127.27 11.17 -45.40 | 119.22 10.40 -38.57 | 107.56 10.77 -26.38 | 93.99 9.25 -14.62 |
| WOODARD___115KV_TB2 355635 | 103.75 -1.47 0.00 | 84.44 -1.20 0.00 | 77.88 -1.19 0.00 | 84.80 -1.38 0.00 | 84.81 -1.20 0.00 | 84.16 -0.85 0.00 | 86.76 -0.61 0.00 | 123.34 -1.25 0.00 | 125.82 -1.27 0.00 | 86.69 -0.78 -0.38 | 84.32 -0.94 -0.08 | 82.15 -0.83 0.00 | 81.20 -0.90 0.00 | 80.29 -0.89 0.00 | 84.01 -0.93 0.00 | 70.17 -0.85 -0.45 | 69.51 -0.99 0.00 | 71.98 -0.85 -2.11 | 69.58 -0.99 0.00 | 69.63 -0.99 -0.06 | 70.21 -0.92 -0.43 | 69.06 -1.19 0.00 | 69.28 -1.13 0.00 | 69.14 -1.19 -0.22 |
| YORK___WARBASSE 23770 | 123.46 10.94 -7.29 | 136.61 8.14 -42.84 | 126.17 7.27 -39.83 | 129.76 7.67 -35.91 | 131.29 7.31 -37.97 | 130.87 7.40 -38.46 | 136.88 8.47 -41.04 | 197.04 12.71 -59.74 | 245.20 13.09 -105.02 | 282.97 9.84 -186.04 | 273.45 9.54 -178.73 | 196.36 9.38 -104.00 | 196.35 9.03 -105.22 | 175.96 8.93 -85.85 | 184.24 9.51 -89.79 | 254.75 7.69 -176.50 | 202.11 7.61 -124.00 | 286.31 7.78 -207.81 | 237.41 7.76 -159.09 | 269.77 7.90 -191.32 | 192.46 7.99 -113.78 | 171.83 7.80 -93.78 | 188.70 7.89 -110.41 | 130.49 6.94 -53.44 |