

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/26/2014

| 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 | 310.95 | 263.61 | 241.08 | 230.62 | 227.51 | 237.62 | 271.33 | 269.68 | 350.10 | 402.30 | 391.23 | 449.39 | 449.57 | 433.04 | 434.18 | 423.76 | 429.72 | 511.52 | 482.55 | 435.67 | 394.33 | 384.52 | 370.94 | 301.00 |
| 24138 | 4.90 | 5.68 | 4.92 | 5.13 | 6.40 | 6.26 | 6.81 | 6.94 | 14.53 | 15.07 | 14.32 | 6.00 | 5.97 | 6.57 | 6.84 | 19.93 | 26.72 | 33.98 | 32.29 | 29.05 | 27.67 | 27.12 | 23.04 | 9.63 |
| | -262.34 | -206.72 | -190.64 | -177.61 | -158.94 | -173.47 | -199.68 | -198.48 | -206.90 | -253.85 | -249.01 | -392.07 | -393.01 | -370.73 | -367.88 | -215.72 | -130.45 | -77.58 | -65.92 | -76.53 | -55.64 | -77.77 | -128.43 | -191.03 |
| 74TH STREET_GT_1 | 310.98 | 263.63 | 241.10 | 230.63 | 227.52 | 237.64 | 271.34 | 269.64 | 361.75 | 426.65 | 400.52 | 449.42 | 456.84 | 450.49 | 448.63 | 423.78 | 450.19 | 539.30 | 506.10 | 461.09 | 395.18 | 390.98 | 371.11 | 300.92 |
| 24260 | 4.89 | 5.68 | 4.92 | 5.13 | 6.40 | 6.26 | 6.81 | 6.88 | 14.41 | 14.94 | 14.20 | 6.00 | 5.97 | 6.52 | 6.78 | 19.93 | 26.43 | 33.60 | 31.88 | 28.70 | 27.67 | 26.85 | 23.25 | 9.54 |
| | -262.37 | -206.74 | -190.66 | -177.63 | -158.96 | -173.48 | -199.70 | -198.51 | -218.67 | -278.33 | -258.43 | -392.09 | -400.28 | -388.23 | -382.39 | -215.74 | -151.23 | -105.74 | -89.87 | -102.30 | -56.48 | -84.50 | -128.38 | -191.05 |
| 74TH STREET_GT_2 | 310.98 | 263.63 | 241.10 | 230.63 | 227.52 | 237.64 | 271.34 | 269.64 | 361.75 | 426.65 | 400.52 | 449.42 | 456.84 | 450.49 | 448.63 | 423.78 | 450.19 | 539.30 | 506.10 | 461.09 | 395.18 | 390.98 | 371.11 | 300.92 |
| 24261 | 4.89 | 5.68 | 4.92 | 5.13 | 6.40 | 6.26 | 6.81 | 6.88 | 14.41 | 14.94 | 14.20 | 6.00 | 5.97 | 6.52 | 6.78 | 19.93 | 26.43 | 33.60 | 31.88 | 28.70 | 27.67 | 26.85 | 23.25 | 9.54 |
| | -262.37 | -206.74 | -190.66 | -177.63 | -158.96 | -173.48 | -199.70 | -198.51 | -218.67 | -278.33 | -258.43 | -392.09 | -400.28 | -388.23 | -382.39 | -215.74 | -151.23 | -105.74 | -89.87 | -102.30 | -56.48 | -84.50 | -128.38 | -191.05 |
| ADK HUDSON___FALLS | 382.95 | 319.64 | 293.09 | 278.77 | 270.19 | 284.49 | 325.56 | 298.32 | 324.73 | 348.39 | 339.35 | 361.94 | 349.29 | 316.95 | 298.20 | 274.87 | 291.25 | 422.79 | 403.38 | 349.06 | 330.63 | 298.66 | 272.63 | 262.99 |
| 24011 | 3.59 | 3.94 | 3.64 | 3.64 | 4.66 | 4.63 | 5.25 | 5.02 | 11.07 | 11.47 | 10.24 | 4.01 | 3.80 | 4.23 | 4.52 | 14.29 | 19.63 | 25.21 | 21.13 | 20.47 | 19.61 | 19.02 | 15.58 | 7.02 |
| | -335.65 | -264.49 | -243.93 | -227.25 | -203.37 | -221.95 | -255.47 | -229.05 | -185.00 | -203.53 | -201.21 | -306.61 | -294.90 | -256.97 | -234.22 | -72.48 | 0.92 | 2.38 | 2.09 | 1.50 | 0.00 | 0.00 | -37.58 | -155.63 |
| ADK RESOURCE___RCVRY | 377.39 | 315.82 | 289.58 | 275.52 | 267.63 | 281.51 | 322.05 | 295.86 | 324.67 | 347.59 | 338.97 | 357.78 | 345.43 | 313.85 | 295.66 | 278.86 | 298.32 | 429.91 | 409.50 | 355.62 | 337.78 | 305.64 | 278.02 | 262.34 |
| 23798 | 4.11 | 4.92 | 4.55 | 4.50 | 5.78 | 5.68 | 6.36 | 6.62 | 14.28 | 14.28 | 13.43 | 5.29 | 5.16 | 5.69 | 6.13 | 19.56 | 26.72 | 32.38 | 27.29 | 27.07 | 26.75 | 26.01 | 21.73 | 9.54 |
| | -329.57 | -259.70 | -239.51 | -223.14 | -199.69 | -217.93 | -250.85 | -224.99 | -181.72 | -199.92 | -197.65 | -301.18 | -289.67 | -252.42 | -230.07 | -71.19 | 0.94 | 2.43 | 2.14 | 1.53 | 0.00 | 0.00 | -36.81 | -152.47 |
| ADK S GLENS___FALLS | 382.95 | 319.64 | 293.09 | 278.77 | 270.19 | 284.49 | 325.56 | 298.32 | 324.73 | 348.39 | 339.35 | 361.94 | 349.29 | 316.95 | 298.20 | 274.87 | 291.25 | 422.79 | 403.38 | 349.06 | 330.63 | 298.66 | 272.63 | 262.99 |
| 24028 | 3.59 | 3.94 | 3.64 | 3.64 | 4.66 | 4.63 | 5.25 | 5.02 | 11.07 | 11.47 | 10.24 | 4.01 | 3.80 | 4.23 | 4.52 | 14.29 | 19.63 | 25.21 | 21.13 | 20.47 | 19.61 | 19.02 | 15.58 | 7.02 |
| | -335.65 | -264.49 | -243.93 | -227.25 | -203.37 | -221.95 | -255.47 | -229.05 | -185.00 | -203.53 | -201.21 | -306.61 | -294.90 | -256.97 | -234.22 | -72.48 | 0.92 | 2.38 | 2.09 | 1.50 | 0.00 | 0.00 | -37.58 | -155.63 |
| ADK_NYS___DAM | 379.54 | 317.33 | 290.95 | 276.87 | 268.60 | 282.61 | 323.26 | 296.66 | 323.69 | 346.94 | 338.53 | 359.51 | 347.12 | 315.23 | 296.75 | 276.61 | 294.22 | 425.14 | 406.08 | 352.01 | 333.11 | 301.46 | 274.61 | 260.47 |
| 23527 | 3.63 | 4.35 | 4.01 | 4.07 | 5.16 | 5.03 | 5.58 | 5.59 | 11.83 | 12.01 | 11.38 | 4.57 | 4.50 | 5.02 | 5.35 | 16.74 | 22.61 | 27.58 | 23.84 | 23.44 | 22.09 | 21.83 | 18.44 | 8.12 |
| | -332.20 | -261.77 | -241.42 | -224.92 | -201.28 | -219.67 | -252.85 | -226.81 | -183.19 | -201.54 | -199.25 | -303.62 | -292.02 | -254.47 | -231.94 | -71.77 | 0.93 | 2.40 | 2.11 | 1.51 | 0.00 | 0.00 | -36.70 | -152.01 |
| AIR_PRODUCTS___DRP | 378.37 | 315.87 | 289.55 | 275.51 | 266.94 | 280.94 | 321.32 | 294.03 | 318.32 | 341.62 | 333.56 | 357.44 | 345.09 | 313.02 | 294.36 | 269.05 | 283.88 | 411.15 | 394.15 | 340.43 | 322.54 | 291.92 | 267.03 | 257.29 |
| 24190 | 2.62 | 3.02 | 2.73 | 2.82 | 3.60 | 3.47 | 3.76 | 3.08 | 6.56 | 6.80 | 6.52 | 2.67 | 2.63 | 2.95 | 3.09 | 9.21 | 12.28 | 13.61 | 11.93 | 11.87 | 11.51 | 12.29 | 10.97 | 5.41 |
| | -332.04 | -261.64 | -241.30 | -224.81 | -201.18 | -219.56 | -252.72 | -226.69 | -183.09 | -201.43 | -199.14 | -303.45 | -291.86 | -254.33 | -231.81 | -71.73 | 0.94 | 2.41 | 2.12 | 1.52 | 0.00 | 0.00 | -36.59 | -151.54 |
| ALBANY___1 | 378.37 | 315.87 | 289.55 | 275.51 | 266.94 | 280.94 | 321.32 | 294.03 | 318.32 | 341.62 | 333.56 | 357.44 | 345.09 | 313.02 | 294.36 | 269.05 | 283.88 | 411.15 | 394.15 | 340.43 | 322.54 | 291.92 | 267.03 | 257.29 |
| 23571 | 2.62 | 3.02 | 2.73 | 2.82 | 3.60 | 3.47 | 3.76 | 3.08 | 6.56 | 6.80 | 6.52 | 2.67 | 2.63 | 2.95 | 3.09 | 9.21 | 12.28 | 13.61 | 11.93 | 11.87 | 11.51 | 12.29 | 10.97 | 5.41 |
| | -332.04 | -261.64 | -241.30 | -224.81 | -201.18 | -219.56 | -252.72 | -226.69 | -183.09 | -201.43 | -199.14 | -303.45 | -291.86 | -254.33 | -231.81 | -71.73 | 0.94 | 2.41 | 2.12 | 1.52 | 0.00 | 0.00 | -36.59 | -151.54 |
| ALBANY___2 | 378.37 | 315.87 | 289.55 | 275.51 | 266.94 | 280.94 | 321.32 | 294.03 | 318.32 | 341.62 | 333.56 | 357.44 | 345.09 | 313.02 | 294.36 | 269.05 | 283.88 | 411.15 | 394.15 | 340.43 | 322.54 | 291.92 | 267.03 | 257.29 |
| 23572 | 2.62 | 3.02 | 2.73 | 2.82 | 3.60 | 3.47 | 3.76 | 3.08 | 6.56 | 6.80 | 6.52 | 2.67 | 2.63 | 2.95 | 3.09 | 9.21 | 12.28 | 13.61 | 11.93 | 11.87 | 11.51 | 12.29 | 10.97 | 5.41 |
| | -332.04 | -261.64 | -241.30 | -224.81 | -201.18 | -219.56 | -252.72 | -226.69 | -183.09 | -201.43 | -199.14 | -303.45 | -291.86 | -254.33 | -231.81 | -71.73 | 0.94 | 2.41 | 2.12 | 1.52 | 0.00 | 0.00 | -36.59 | -151.54 |
| ALBANY___3 | 378.37 | 315.87 | 289.55 | 275.51 | 266.94 | 280.94 | 321.32 | 294.03 | 318.32 | 341.62 | 333.56 | 357.44 | 345.09 | 313.02 | 294.36 | 269.05 | 283.88 | 411.15 | 394.15 | 340.43 | 322.54 | 291.92 | 267.03 | 257.29 |
| 23573 | 2.62 | 3.02 | 2.73 | 2.82 | 3.60 | 3.47 | 3.76 | 3.08 | 6.56 | 6.80 | 6.52 | 2.67 | 2.63 | 2.95 | 3.09 | 9.21 | 12.28 | 13.61 | 11.93 | 11.87 | 11.51 | 12.29 | 10.97 | 5.41 |
| | -332.04 | -261.64 | -241.30 | -224.81 | -201.18 | -219.56 | -252.72 | -226.69 | -183.09 | -201.43 | -199.14 | -303.45 | -291.86 | -254.33 | -231.81 | -71.73 | 0.94 | 2.41 | 2.12 | 1.52 | 0.00 | 0.00 | -36.59 | -151.54 |
| ALBANY___4 | 378.37 | 315.87 | 289.55 | 275.51 | 266.94 | 280.94 | 321.32 | 294.03 | 318.32 | 341.62 | 333.56 | 357.44 | 345.09 | 313.02 | 294.36 | 269.05 | 283.88 | 411.15 | 394.15 | 340.43 | 322.54 | 291.92 | 267.03 | 257.29 |
| 23574 | 2.62 | 3.02 | 2.73 | 2.82 | 3.60 | 3.47 | 3.76 | 3.08 | 6.56 | 6.80 | 6.52 | 2.67 | 2.63 | 2.95 | 3.09 | 9.21 | 12.28 | 13.61 | 11.93 | 11.87 | 11.51 | 12.29 | 10.97 | 5.41 |
| | -332.04 | -261.64 | -241.30 | -224.81 | -201.18 | -219.56 | -252.72 | -226.69 | -183.09 | -201.43 | -199.14 | -303.45 | -291.86 | -254.33 | -231.81 | -71.73 | 0.94 | 2.41 | 2.12 | 1.52 | 0.00 | 0.00 | -36.59 | -151.54 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| ALBANY___LFGE 323615 | 385.17 3.06 -338.39 | 321.39 3.53 -266.65 | 294.63 3.19 -245.92 | 280.30 3.30 -229.11 | 271.42 4.23 -205.03 | 285.78 4.11 -223.77 | 326.87 4.47 -257.56 | 299.02 3.86 -230.91 | 323.28 8.11 -186.50 | 347.12 8.54 -205.18 | 338.81 8.06 -202.85 | 363.76 3.33 -309.11 | 351.18 3.29 -297.30 | 318.43 3.62 -259.06 | 299.45 3.86 -236.12 | 272.84 11.67 -73.07 | 287.43 15.80 0.91 | 416.80 19.20 2.35 | 399.59 17.31 2.07 | 345.10 16.50 1.48 | 326.57 15.54 0.00 | 295.56 15.93 0.00 | 270.12 13.39 -37.26 | 261.07 6.43 -154.31 |
| ALCOA_RYNLDS___DRP 24188 | 42.31 -1.40 0.00 | 49.52 -1.69 0.00 | 44.06 -1.46 0.00 | 46.35 -1.53 0.00 | 60.79 -1.37 0.00 | 56.05 -1.86 0.00 | 63.41 -1.43 0.00 | 62.84 -1.41 0.00 | 125.58 -3.09 0.00 | 130.33 -3.06 0.00 | 125.21 -2.69 0.00 | 49.83 -1.49 0.00 | 49.08 -1.52 0.00 | 54.12 -1.62 0.00 | 58.04 -1.43 0.00 | 185.47 -2.63 0.00 | 269.81 -2.73 0.00 | 400.76 0.80 0.00 | 385.12 0.77 0.00 | 330.08 0.00 0.00 | 309.79 -1.24 0.00 | 277.69 -1.94 0.00 | 217.95 -1.53 0.00 | 100.34 0.00 0.00 |
| ALCOA___DSASP 323711 | 42.31 -1.40 0.00 | 49.52 -1.69 0.00 | 44.06 -1.46 0.00 | 46.35 -1.53 0.00 | 60.79 -1.37 0.00 | 56.05 -1.86 0.00 | 63.41 -1.43 0.00 | 62.84 -1.41 0.00 | 125.58 -3.09 0.00 | 130.33 -3.06 0.00 | 125.21 -2.69 0.00 | 49.83 -1.49 0.00 | 49.08 -1.52 0.00 | 54.12 -1.62 0.00 | 58.04 -1.43 0.00 | 185.47 -2.63 0.00 | 269.81 -2.73 0.00 | 400.76 0.80 0.00 | 385.12 0.77 0.00 | 330.08 0.00 0.00 | 309.79 -1.24 0.00 | 277.69 -1.94 0.00 | 217.95 -1.53 0.00 | 100.34 0.00 0.00 |
| ALLEGHENY___COGEN 23514 | 87.68 -0.74 -44.70 | 83.72 -2.72 -35.23 | 75.59 -2.41 -32.49 | 75.95 -2.20 -30.27 | 84.96 -4.29 -27.09 | 84.51 -2.95 -29.56 | 94.58 -4.28 -34.03 | 90.49 -4.63 -30.86 | 143.80 -9.78 -24.92 | 151.07 -9.73 -27.42 | 144.90 -10.11 -27.11 | 89.34 -3.29 -41.31 | 87.14 -3.19 -39.73 | 86.79 -3.57 -34.62 | 86.74 -4.28 -31.55 | 180.00 -17.87 -9.76 | 169.32 -29.44 73.78 | 368.63 -39.99 -8.66 | 355.82 -36.14 -7.62 | 300.54 -35.00 -5.45 | 279.00 -32.03 0.00 | 251.67 -27.96 0.00 | 200.75 -23.71 -4.98 | 110.52 -10.44 -20.62 |
| ALTONA_WT_PWR 323606 | 42.31 -1.40 0.00 | 49.47 -1.74 0.00 | 43.97 -1.55 0.00 | 46.25 -1.63 0.00 | 60.92 -1.24 0.00 | 56.05 -1.86 0.00 | 63.74 -1.10 0.00 | 63.03 -1.22 0.00 | 125.96 -2.71 0.00 | 130.99 -2.40 0.00 | 125.85 -2.05 0.00 | 50.04 -1.28 0.00 | 49.18 -1.42 0.00 | 54.35 -1.39 0.00 | 58.45 -1.01 0.00 | 188.11 0.00 0.00 | 274.71 2.17 0.00 | 409.96 10.00 0.00 | 394.32 9.98 0.00 | 337.02 6.94 0.00 | 315.38 4.35 0.00 | 282.14 2.51 0.00 | 221.02 1.55 0.00 | 101.84 1.51 0.00 |
| AMERICAN_REF_FUEL 24010 | 82.15 -1.66 -40.10 | 81.01 -1.79 -31.60 | 73.12 -1.55 -29.14 | 73.31 -1.72 -27.15 | 82.73 -3.73 -24.30 | 82.51 -1.91 -26.52 | 90.63 -4.73 -30.52 | 85.31 -6.62 -27.67 | 135.96 -15.05 -22.35 | 141.83 -16.14 -24.59 | 135.84 -16.37 -24.31 | 83.03 -5.34 -37.04 | 81.37 -4.86 -35.63 | 81.49 -5.30 -31.05 | 81.58 -6.19 -28.30 | 171.10 -25.76 -8.76 | 164.20 -46.06 62.27 | 171.85 -67.60 160.51 | 178.61 -64.56 141.17 | 172.23 -56.77 101.08 | 262.82 -48.20 0.00 | 240.77 -38.86 0.00 | 194.75 -29.19 -4.47 | 107.30 -11.54 -18.50 |
| ARTHUR_KILL_GT_1 23520 | 311.32 5.24 -262.37 | 263.99 6.04 -206.74 | 241.33 5.14 -190.66 | 230.87 5.36 -177.63 | 227.84 6.72 -158.96 | 237.81 6.43 -173.48 | 271.41 6.87 -199.70 | 269.57 6.81 -198.51 | 353.48 12.87 -211.95 | 411.34 13.61 -264.34 | 394.01 13.05 -253.06 | 404.75 5.59 -347.83 | 381.12 5.57 -324.96 | 377.37 6.08 -315.55 | 375.96 6.30 -310.19 | 402.09 21.06 -192.92 | 368.83 24.80 -71.49 | 521.19 31.59 -89.64 | 540.69 30.00 -126.35 | 404.51 27.38 -47.05 | 394.70 27.67 -56.01 | 385.17 24.88 -80.66 | 372.03 24.14 -128.42 | 301.11 9.73 -191.05 |
| ARTHUR_KILL_2 23512 | 311.32 5.24 -262.37 | 263.99 6.04 -206.74 | 241.33 5.14 -190.66 | 230.87 5.36 -177.63 | 227.84 6.72 -158.96 | 237.81 6.43 -173.48 | 271.41 6.87 -199.70 | 269.57 6.81 -198.51 | 353.48 12.87 -211.95 | 411.34 13.61 -264.34 | 394.01 13.05 -253.06 | 404.75 5.59 -347.83 | 381.12 5.57 -324.96 | 377.37 6.08 -315.55 | 375.96 6.30 -310.19 | 402.09 21.06 -192.92 | 368.83 24.80 -71.49 | 521.19 31.59 -89.64 | 540.69 30.00 -126.35 | 404.51 27.38 -47.05 | 394.70 27.67 -56.01 | 385.17 24.88 -80.66 | 372.03 24.14 -128.42 | 301.11 9.73 -191.05 |
| ARTHUR_KILL_3 23513 | 310.88 4.81 -262.35 | 263.52 5.58 -206.73 | 241.04 4.87 -190.65 | 230.53 5.03 -177.62 | 227.39 6.28 -158.95 | 237.57 6.20 -173.47 | 271.27 6.74 -199.69 | 269.63 6.88 -198.49 | 355.39 14.79 -211.94 | 412.78 15.07 -264.33 | 394.88 13.94 -253.04 | 404.98 5.85 -347.82 | 381.35 5.82 -324.94 | 377.68 6.41 -315.53 | 376.30 6.66 -310.18 | 399.83 18.81 -192.91 | 369.93 25.91 -71.48 | 522.39 32.80 -89.63 | 541.81 31.12 -126.34 | 405.16 28.04 -47.04 | 393.45 26.42 -56.00 | 386.56 26.28 -80.65 | 370.49 22.61 -128.41 | 300.91 9.54 -191.04 |
| ASHOKAN____ 23654 | 323.77 1.40 -278.66 | 272.53 1.74 -219.58 | 249.53 1.50 -202.51 | 237.99 1.44 -188.67 | 232.93 1.93 -168.84 | 244.02 1.85 -184.27 | 278.56 1.62 -212.10 | 256.61 1.80 -190.55 | 287.07 4.50 -153.91 | 307.25 4.54 -169.32 | 300.28 4.98 -167.40 | 308.25 1.84 -255.08 | 298.01 2.08 -245.34 | 271.76 2.23 -213.79 | 256.70 2.38 -194.86 | 255.17 6.76 -60.30 | 280.95 9.53 1.13 | 408.24 11.18 2.90 | 393.31 11.52 2.55 | 340.12 11.87 1.83 | 321.27 10.25 0.00 | 291.10 11.47 0.00 | 260.76 10.53 -30.75 | 231.13 3.41 -127.38 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.16 5.65 -177.63 | 228.21 7.08 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.37 6.41 -378.22 | 440.22 6.66 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.26 30.76 -76.16 | 446.02 28.39 -87.55 | 394.39 27.38 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 521.96 32.38 -89.62 | 491.26 30.76 -76.16 | 446.02 28.39 -87.55 | 394.39 27.38 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT2_1 24094 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT2_2 24095 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT2_3 24096 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT2_4 24097 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |

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|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
| ASTORIA_GT3_1 24098 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT3_2 24099 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT3_3 24100 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT3_4 24101 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT4_1 24102 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT4_2 24103 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT4_3 24104 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT4_4 24105 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT_1 23523 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT_10 24110 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.49 14.15 -218.67 | 426.52 14.80 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.44 29.05 -102.30 | 395.51 28.00 -56.48 | 390.98 26.85 -84.50 | 371.60 23.71 -128.42 | 300.92 9.54 -191.05 |
| ASTORIA_GT_11 24225 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.49 14.15 -218.67 | 426.52 14.80 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.44 29.05 -102.30 | 395.51 28.00 -56.48 | 390.98 26.85 -84.50 | 371.60 23.71 -128.42 | 300.92 9.54 -191.05 |
| ASTORIA_GT_12 24226 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.49 14.15 -218.67 | 426.52 14.80 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.44 29.05 -102.30 | 395.51 28.00 -56.48 | 390.98 26.85 -84.50 | 371.60 23.71 -128.42 | 300.92 9.54 -191.05 |
| ASTORIA_GT_13 24227 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.49 14.15 -218.67 | 426.52 14.80 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.44 29.05 -102.30 | 395.51 28.00 -56.48 | 390.98 26.85 -84.50 | 371.60 23.71 -128.42 | 300.92 9.54 -191.05 |
| ASTORIA_GT_5 24106 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT_7 24107 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA_GT_8 24108 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |

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| ASTORIA___2 24149 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA___3 23516 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.49 14.15 -218.67 | 426.52 14.80 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.44 29.05 -102.30 | 395.51 28.00 -56.48 | 390.98 26.85 -84.50 | 371.60 23.71 -128.42 | 300.92 9.54 -191.05 |
| ASTORIA___4 23517 | 311.24 5.16 -262.37 | 264.14 6.19 -206.74 | 241.60 5.41 -190.66 | 231.21 5.70 -177.63 | 228.27 7.15 -158.96 | 238.16 6.77 -173.48 | 271.34 6.81 -199.70 | 269.56 6.81 -198.49 | 354.63 14.03 -211.94 | 412.38 14.67 -264.32 | 394.88 13.94 -253.04 | 449.30 5.90 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.28 6.72 -374.09 | 423.97 20.14 -215.73 | 438.04 26.17 -139.33 | 522.38 32.80 -89.62 | 491.62 31.12 -76.16 | 446.34 28.70 -87.55 | 394.69 27.67 -55.99 | 386.55 26.28 -80.64 | 371.38 23.50 -128.41 | 300.81 9.43 -191.04 |
| ASTORIA___5 23518 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.49 14.15 -218.67 | 426.52 14.80 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.44 29.05 -102.30 | 395.51 28.00 -56.48 | 390.98 26.85 -84.50 | 371.60 23.71 -128.42 | 300.92 9.54 -191.05 |
| AST_ENERGY_2_CC3 323677 | 310.92 4.85 -262.35 | 263.57 5.63 -206.73 | 241.04 4.87 -190.65 | 230.57 5.07 -177.62 | 227.45 6.34 -158.95 | 237.57 6.20 -173.47 | 271.33 6.81 -199.69 | 269.63 6.88 -198.49 | 355.00 14.41 -211.93 | 412.63 14.94 -264.30 | 395.00 14.07 -253.03 | 449.30 5.90 -392.08 | 452.62 5.92 -396.11 | 440.46 6.52 -378.20 | 440.26 6.72 -374.08 | 423.40 19.56 -215.73 | 438.29 26.43 -139.32 | 523.17 33.60 -89.61 | 492.37 31.88 -76.15 | 446.32 28.70 -87.54 | 394.07 27.05 -56.00 | 387.12 26.85 -80.64 | 370.71 22.82 -128.41 | 300.91 9.54 -191.04 |
| AST_ENERGY_2_CC4 323678 | 310.92 4.85 -262.35 | 263.57 5.63 -206.73 | 241.04 4.87 -190.65 | 230.57 5.07 -177.62 | 227.45 6.34 -158.95 | 237.57 6.20 -173.47 | 271.33 6.81 -199.69 | 269.63 6.88 -198.49 | 355.00 14.41 -211.93 | 412.63 14.94 -264.30 | 395.00 14.07 -253.03 | 449.30 5.90 -392.08 | 452.62 5.92 -396.11 | 440.46 6.52 -378.20 | 440.26 6.72 -374.08 | 423.40 19.56 -215.73 | 438.29 26.43 -139.32 | 523.17 33.60 -89.61 | 492.37 31.88 -76.15 | 446.32 28.70 -87.54 | 394.07 27.05 -56.00 | 387.12 26.85 -80.64 | 370.71 22.82 -128.41 | 300.91 9.54 -191.04 |
| ATHENS_STG_1 23668 | 335.97 2.97 -289.28 | 282.64 3.48 -227.95 | 258.80 3.05 -210.23 | 246.95 3.21 -195.86 | 241.47 4.04 -175.27 | 253.07 3.88 -191.29 | 289.11 4.09 -220.18 | 266.50 4.05 -198.19 | 297.58 8.62 -160.29 | 318.63 8.94 -176.30 | 311.12 8.44 -174.78 | 321.91 3.59 -267.00 | 310.89 3.54 -256.76 | 283.37 3.90 -223.73 | 267.93 4.10 -204.37 | 264.92 12.05 -64.76 | 287.98 15.53 0.09 | 415.56 18.41 2.81 | 399.19 17.31 2.47 | 344.58 16.17 1.68 | 327.28 15.54 -0.72 | 296.09 15.65 -0.81 | 266.59 13.84 -33.28 | 239.32 5.72 -133.27 |
| ATHENS_STG_2 23670 | 335.97 2.97 -289.28 | 282.64 3.48 -227.95 | 258.80 3.05 -210.23 | 246.95 3.21 -195.86 | 241.47 4.04 -175.27 | 253.07 3.88 -191.29 | 289.11 4.09 -220.18 | 266.50 4.05 -198.19 | 297.58 8.62 -160.29 | 318.63 8.94 -176.30 | 311.12 8.44 -174.78 | 321.91 3.59 -267.00 | 310.89 3.54 -256.76 | 283.37 3.90 -223.73 | 267.93 4.10 -204.37 | 264.92 12.05 -64.76 | 287.98 15.53 0.09 | 415.56 18.41 2.81 | 399.19 17.31 2.47 | 344.58 16.17 1.68 | 327.28 15.54 -0.72 | 296.09 15.65 -0.81 | 266.59 13.84 -33.28 | 239.32 5.72 -133.27 |
| ATHENS_STG_3 23677 | 335.97 2.97 -289.28 | 282.64 3.48 -227.95 | 258.80 3.05 -210.23 | 246.95 3.21 -195.86 | 241.47 4.04 -175.27 | 253.07 3.88 -191.29 | 289.11 4.09 -220.18 | 266.50 4.05 -198.19 | 297.58 8.62 -160.29 | 318.63 8.94 -176.30 | 311.12 8.44 -174.78 | 321.91 3.59 -267.00 | 310.89 3.54 -256.76 | 283.37 3.90 -223.73 | 267.93 4.10 -204.37 | 264.92 12.05 -64.76 | 287.98 15.53 0.09 | 415.56 18.41 2.81 | 399.19 17.31 2.47 | 344.58 16.17 1.68 | 327.28 15.54 -0.72 | 296.09 15.65 -0.81 | 266.59 13.84 -33.28 | 239.32 5.72 -133.27 |
| BABYLON_RES_REC 323704 | 311.08 4.98 -262.38 | 264.05 6.09 -206.75 | 241.16 4.96 -190.68 | 230.94 5.41 -177.64 | 227.66 6.53 -158.97 | 237.77 6.37 -173.50 | 271.42 6.87 -199.71 | 259.33 6.68 -188.39 | 300.62 13.77 -158.18 | 318.79 14.54 -170.86 | 329.22 13.55 -187.77 | 362.48 5.90 -305.26 | 349.60 5.87 -293.14 | 318.51 6.30 -256.48 | 316.19 6.48 -250.24 | 332.89 19.38 -125.40 | 328.21 24.25 -31.42 | 423.29 26.39 3.06 | 406.62 24.97 2.70 | 353.91 24.08 0.25 | 357.38 24.28 -22.07 | 330.23 24.32 -26.29 | 314.83 21.94 -73.41 | 261.34 7.83 -153.17 |
| BARRETT_IC_1 23704 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |
| BARRETT_IC_10 23701 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.13 13.43 -187.80 | 489.75 5.65 -432.79 | 433.36 5.67 -377.10 | 331.53 6.08 -269.71 | 315.98 6.24 -250.27 | 452.52 18.63 -245.79 | 351.45 24.54 -54.37 | 424.50 27.58 3.04 | 408.97 27.29 2.67 | 365.95 25.42 -10.45 | 416.97 24.28 -81.67 | 352.00 24.32 -48.05 | 358.68 21.28 -117.92 | 261.54 8.03 -153.18 |
| BARRETT_IC_11 23702 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.13 13.43 -187.80 | 489.75 5.65 -432.79 | 433.36 5.67 -377.10 | 331.53 6.08 -269.71 | 315.98 6.24 -250.27 | 452.52 18.63 -245.79 | 351.45 24.54 -54.37 | 424.50 27.58 3.04 | 408.97 27.29 2.67 | 365.95 25.42 -10.45 | 416.97 24.28 -81.67 | 352.00 24.32 -48.05 | 358.68 21.28 -117.92 | 261.54 8.03 -153.18 |
| BARRETT_IC_12 23703 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.13 13.43 -187.80 | 489.75 5.65 -432.79 | 433.36 5.67 -377.10 | 331.53 6.08 -269.71 | 315.98 6.24 -250.27 | 452.52 18.63 -245.79 | 351.45 24.54 -54.37 | 424.50 27.58 3.04 | 408.97 27.29 2.67 | 365.95 25.42 -10.45 | 416.97 24.28 -81.67 | 352.00 24.32 -48.05 | 358.68 21.28 -117.92 | 261.54 8.03 -153.18 |
| BARRETT_IC_2 23705 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |
| BARRETT_IC_3 23706 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |

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|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|
| BARRETT_IC_4 23707 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |
| BARRETT_IC_5 23708 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |
| BARRETT_IC_6 23709 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |
| BARRETT_IC_7 23710 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |
| BARRETT_IC_8 23711 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |
| BARRETT_IC_9 23700 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.13 13.43 -187.80 | 489.75 5.65 -432.79 | 433.36 5.67 -377.10 | 331.53 6.08 -269.71 | 315.98 6.24 -250.27 | 452.52 18.63 -245.79 | 351.45 24.54 -54.37 | 424.50 27.58 3.04 | 408.97 27.29 2.67 | 365.95 25.42 -10.45 | 416.97 24.28 -81.67 | 352.00 24.32 -48.05 | 358.68 21.28 -117.92 | 261.54 8.03 -153.18 |
| BARRETT__1 23545 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.19 13.43 -187.87 | 773.12 5.65 -716.16 | 619.93 5.67 -563.67 | 360.93 6.08 -299.11 | 316.04 6.24 -250.34 | 720.02 18.63 -513.29 | 402.45 24.54 -105.37 | 424.56 27.58 2.97 | 409.02 27.29 2.61 | 389.74 25.42 -34.24 | 549.39 24.28 -214.09 | 400.36 24.32 -96.41 | 457.57 21.28 -216.81 | 261.54 8.03 -153.18 |
| BARRETT__2 23546 | 311.21 5.11 -262.38 | 264.11 6.14 -206.75 | 241.39 5.19 -190.68 | 231.18 5.65 -177.65 | 228.04 6.90 -158.98 | 238.06 6.66 -173.50 | 271.55 7.00 -199.71 | 259.59 6.94 -188.39 | 301.14 14.28 -158.19 | 319.20 14.94 -170.87 | 329.13 13.43 -187.80 | 489.75 5.65 -432.79 | 433.36 5.67 -377.10 | 331.53 6.08 -269.71 | 315.98 6.24 -250.27 | 452.52 18.63 -245.79 | 351.45 24.54 -54.37 | 424.50 27.58 3.04 | 408.97 27.29 2.67 | 365.95 25.42 -10.45 | 416.97 24.28 -81.67 | 352.00 24.32 -48.05 | 358.68 21.28 -117.92 | 261.54 8.03 -153.18 |
| BAYONEEC__CTG1 323682 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.27 14.66 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.59 19.75 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.80 32.29 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 301.01 9.63 -191.04 |
| BAYONEEC__CTG2 323683 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.27 14.66 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.59 19.75 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.80 32.29 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 301.01 9.63 -191.04 |
| BAYONEEC__CTG3 323684 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.27 14.66 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.59 19.75 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.80 32.29 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 301.01 9.63 -191.04 |
| BAYONEEC__CTG4 323685 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.27 14.66 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.59 19.75 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.80 32.29 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 301.01 9.63 -191.04 |
| BAYONEEC__CTG5 323686 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.27 14.66 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.59 19.75 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.80 32.29 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 301.01 9.63 -191.04 |
| BAYONEEC__CTG6 323687 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.27 14.66 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.59 19.75 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.80 32.29 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 301.01 9.63 -191.04 |
| BAYONEEC__CTG7 323688 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.27 14.66 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.59 19.75 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.80 32.29 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 301.01 9.63 -191.04 |
| BAYONEEC__CTG8 323689 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.27 14.66 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.59 19.75 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.80 32.29 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 301.01 9.63 -191.04 |

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|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| BEACON___LESR 323632 | 377.50 3.23 -330.55 | 315.47 3.79 -260.47 | 289.07 3.32 -240.23 | 275.14 3.45 -223.80 | 266.86 4.41 -200.28 | 280.77 4.28 -218.58 | 321.11 4.67 -251.60 | 294.06 4.12 -225.69 | 319.71 8.75 -182.29 | 343.13 9.20 -200.55 | 334.86 8.70 -198.26 | 357.03 3.59 -302.12 | 344.71 3.54 -290.58 | 312.85 3.90 -253.21 | 294.35 4.10 -230.79 | 272.13 12.60 -71.41 | 288.78 17.18 0.94 | 418.72 21.18 2.43 | 401.42 19.21 2.13 | 346.70 18.14 1.53 | 328.12 17.10 0.00 | 296.97 17.34 0.00 | 270.39 14.48 -36.43 | 258.06 6.83 -150.90 |
| BEAVER RIVER___HYD 24048 | 47.68 -1.14 -5.10 | 53.85 -1.38 -4.02 | 47.91 -1.32 -3.71 | 49.85 -1.48 -3.46 | 65.38 0.12 -3.09 | 59.72 -1.56 -3.37 | 68.59 -0.13 -3.88 | 67.82 0.06 -3.50 | 129.81 -1.68 -2.82 | 135.57 -0.93 -3.11 | 130.08 -0.89 -3.07 | 55.54 -0.46 -4.68 | 53.38 -1.72 -4.50 | 57.77 -1.90 -3.92 | 60.90 -2.14 -3.58 | 181.69 -7.53 -1.11 | 268.17 -4.37 0.00 | 397.57 -2.39 0.00 | 383.20 -1.15 0.00 | 326.78 -3.30 0.00 | 306.04 -4.99 0.00 | 276.29 -3.34 0.00 | 216.51 -3.52 -0.56 | 101.46 -1.20 -2.32 |
| BEEBEE_GT_13 23619 | 74.69 -0.52 -31.50 | 75.31 -0.72 -24.82 | 67.82 -0.59 -22.89 | 68.49 -0.72 -21.33 | 79.57 -1.68 -19.09 | 78.10 -0.64 -20.83 | 87.07 -1.75 -23.98 | 83.62 -2.38 -21.74 | 140.69 -5.53 -17.56 | 146.97 -5.73 -19.32 | 140.86 -6.14 -19.10 | 78.73 -1.69 -29.10 | 76.96 -1.62 -27.99 | 78.34 -1.79 -24.39 | 79.43 -2.26 -22.23 | 184.46 -10.53 -6.88 | 183.73 -18.80 70.01 | 392.74 -25.61 -18.38 | 377.46 -23.05 -16.17 | 318.89 -22.77 -11.58 | 290.81 -20.21 0.00 | 262.86 -16.77 0.00 | 209.16 -13.82 -3.51 | 109.25 -5.62 -14.53 |
| BETHLEHEM___GRP 23843 | 378.37 2.62 -332.04 | 315.87 3.02 -261.64 | 289.55 2.73 -241.30 | 275.51 2.82 -224.81 | 266.94 3.60 -201.18 | 280.94 3.47 -219.56 | 321.32 3.76 -252.72 | 294.03 3.08 -226.69 | 318.32 6.56 -183.09 | 341.62 6.80 -201.43 | 333.56 6.52 -199.14 | 357.44 2.67 -303.45 | 345.09 2.63 -291.86 | 313.02 2.95 -254.33 | 294.36 3.09 -231.81 | 269.05 9.21 -71.73 | 283.88 12.28 0.94 | 411.15 13.61 2.41 | 394.15 11.93 2.12 | 340.43 11.87 1.52 | 322.54 11.51 0.00 | 291.92 12.29 0.00 | 267.03 10.97 -36.59 | 257.29 5.41 -151.54 |
| BETHLEHEM___GS1 323560 | 378.37 2.62 -332.04 | 315.87 3.02 -261.64 | 289.55 2.73 -241.30 | 275.51 2.82 -224.81 | 266.94 3.60 -201.18 | 280.94 3.47 -219.56 | 321.32 3.76 -252.72 | 294.03 3.08 -226.69 | 318.32 6.56 -183.09 | 341.62 6.80 -201.43 | 333.56 6.52 -199.14 | 357.44 2.67 -303.45 | 345.09 2.63 -291.86 | 313.02 2.95 -254.33 | 294.36 3.09 -231.81 | 269.05 9.21 -71.73 | 283.88 12.28 0.94 | 411.15 13.61 2.41 | 394.15 11.93 2.12 | 340.43 11.87 1.52 | 322.54 11.51 0.00 | 291.92 12.29 0.00 | 267.03 10.97 -36.59 | 257.29 5.41 -151.54 |
| BETHLEHEM___GS2 323561 | 378.37 2.62 -332.04 | 315.87 3.02 -261.64 | 289.55 2.73 -241.30 | 275.51 2.82 -224.81 | 266.94 3.60 -201.18 | 280.94 3.47 -219.56 | 321.32 3.76 -252.72 | 294.03 3.08 -226.69 | 318.32 6.56 -183.09 | 341.62 6.80 -201.43 | 333.56 6.52 -199.14 | 357.44 2.67 -303.45 | 345.09 2.63 -291.86 | 313.02 2.95 -254.33 | 294.36 3.09 -231.81 | 269.05 9.21 -71.73 | 283.88 12.28 0.94 | 411.15 13.61 2.41 | 394.15 11.93 2.12 | 340.43 11.87 1.52 | 322.54 11.51 0.00 | 291.92 12.29 0.00 | 267.03 10.97 -36.59 | 257.29 5.41 -151.54 |
| BETHLEHEM___GS3 323562 | 378.37 2.62 -332.04 | 315.87 3.02 -261.64 | 289.55 2.73 -241.30 | 275.51 2.82 -224.81 | 266.94 3.60 -201.18 | 280.94 3.47 -219.56 | 321.32 3.76 -252.72 | 294.03 3.08 -226.69 | 318.32 6.56 -183.09 | 341.62 6.80 -201.43 | 333.56 6.52 -199.14 | 357.44 2.67 -303.45 | 345.09 2.63 -291.86 | 313.02 2.95 -254.33 | 294.36 3.09 -231.81 | 269.05 9.21 -71.73 | 283.88 12.28 0.94 | 411.15 13.61 2.41 | 394.15 11.93 2.12 | 340.43 11.87 1.52 | 322.54 11.51 0.00 | 291.92 12.29 0.00 | 267.03 10.97 -36.59 | 257.29 5.41 -151.54 |
| BETHLEHEM___STEEL 23779 | 85.90 -0.83 -43.02 | 84.29 -0.82 -33.90 | 76.10 -0.68 -31.26 | 76.24 -0.77 -29.13 | 85.67 -2.55 -26.06 | 85.59 -0.75 -28.45 | 94.34 -3.24 -32.74 | 89.44 -4.50 -29.69 | 142.10 -10.55 -23.98 | 148.43 -11.34 -26.38 | 142.21 -11.76 -26.08 | 87.57 -3.49 -39.74 | 85.83 -2.99 -38.22 | 85.81 -3.23 -33.31 | 85.84 -3.98 -30.36 | 177.93 -19.57 -9.39 | 177.65 -34.89 60.01 | 195.27 -50.01 154.68 | 201.40 -46.90 136.04 | 190.10 -42.58 97.41 | 274.01 -37.02 0.00 | 249.72 -29.92 0.00 | 201.22 -23.04 -4.79 | 110.85 -9.33 -19.84 |
| BETHPAGE_CC_5 323564 | 311.47 5.38 -262.38 | 264.47 6.50 -206.75 | 241.57 5.37 -190.68 | 231.37 5.84 -177.64 | 228.22 7.08 -158.97 | 238.29 6.89 -173.50 | 272.00 7.45 -199.71 | 259.90 7.26 -188.39 | 301.77 14.92 -158.18 | 319.98 15.73 -170.86 | 330.50 14.83 -187.78 | 368.84 6.36 -311.16 | 353.99 6.37 -297.02 | 319.63 6.80 -257.09 | 316.78 7.07 -250.24 | 340.14 21.06 -130.97 | 332.01 26.99 -32.48 | 428.49 31.59 3.06 | 412.01 30.36 2.69 | 358.71 28.39 -0.24 | 363.86 28.00 -24.83 | 334.04 27.12 -27.29 | 319.09 24.14 -75.47 | 262.34 8.83 -153.17 |
| BINGHAMTON___COGEN 23790 | 129.67 1.05 -84.91 | 119.40 1.28 -66.91 | 108.32 1.09 -61.70 | 106.52 1.15 -57.49 | 114.66 1.06 -51.44 | 115.50 1.45 -56.15 | 130.44 0.97 -64.63 | 123.85 0.90 -58.69 | 177.74 1.67 -47.40 | 187.14 1.61 -52.15 | 180.60 1.15 -51.56 | 130.81 0.92 -78.56 | 127.12 0.96 -75.56 | 122.64 1.06 -65.84 | 120.37 0.89 -60.01 | 206.87 0.19 -18.57 | 263.91 -1.63 7.00 | 378.70 -3.21 18.04 | 366.56 -1.91 15.87 | 315.74 -2.98 11.36 | 308.22 -2.80 0.00 | 278.52 -1.11 0.00 | 228.07 -0.87 -9.47 | 139.16 -0.40 -39.23 |
| BLACK RIVER___HYD 24047 | 53.78 0.00 -10.06 | 59.04 -0.10 -7.93 | 52.65 -0.18 -7.31 | 54.36 -0.33 -6.81 | 69.19 0.93 -6.10 | 64.44 -0.12 -6.65 | 73.34 0.84 -7.66 | 72.40 1.22 -6.93 | 134.65 0.39 -5.59 | 140.88 1.33 -6.15 | 135.13 1.15 -6.08 | 61.21 0.62 -9.27 | 59.16 -0.35 -8.92 | 63.12 -0.39 -7.77 | 66.01 -0.54 -7.08 | 187.10 -3.20 -2.19 | 271.45 -1.09 0.00 | 403.55 3.59 0.00 | 389.33 4.98 0.00 | 331.07 0.99 0.00 | 310.40 -0.62 0.00 | 279.35 -0.28 0.00 | 218.82 -1.76 -1.11 | 104.26 -0.70 -4.62 |
| BLISS_WT_PWR 323608 | 89.07 1.22 -44.14 | 87.68 1.69 -34.78 | 79.10 1.50 -32.08 | 79.30 1.53 -29.88 | 88.84 -0.06 -26.74 | 89.34 2.26 -29.19 | 98.05 -0.39 -33.59 | 93.82 -0.90 -30.46 | 149.28 -3.99 -24.60 | 156.05 -4.40 -27.07 | 149.41 -5.25 -26.76 | 91.58 -0.51 -40.77 | 90.17 0.36 -39.22 | 90.31 0.39 -34.17 | 90.26 -0.35 -31.15 | 185.90 -11.84 -9.64 | 192.03 -22.34 58.17 | 220.42 -29.59 149.94 | 226.32 -26.15 131.88 | 209.91 -25.75 94.42 | 288.63 -22.40 0.00 | 262.29 -17.34 0.00 | 209.69 -14.70 -4.92 | 114.47 -6.22 -20.36 |
| BLUE_CIRC_CHEM_DRP 24182 | 374.72 2.62 -328.39 | 313.05 3.07 -258.77 | 286.90 2.73 -238.65 | 273.09 2.87 -222.34 | 264.73 3.60 -198.97 | 278.53 3.47 -217.15 | 318.48 3.69 -249.95 | 292.01 3.47 -224.29 | 317.15 7.33 -181.15 | 340.29 7.60 -199.30 | 332.09 7.16 -197.03 | 354.59 3.03 -300.24 | 342.40 3.04 -288.77 | 310.72 3.34 -251.63 | 292.26 3.45 -229.35 | 269.23 10.15 -70.97 | 284.94 13.35 0.95 | 413.09 15.58 2.45 | 396.42 14.23 2.15 | 342.08 13.54 1.54 | 324.39 13.36 0.00 | 293.05 13.42 0.00 | 267.49 11.84 -36.18 | 255.39 5.21 -149.84 |
| BOC_GAS_DRP 24189 | 377.67 2.23 -331.72 | 315.21 2.61 -261.40 | 288.92 2.32 -241.08 | 274.97 2.49 -224.60 | 266.26 3.11 -200.99 | 280.21 2.95 -219.36 | 320.50 3.18 -252.49 | 293.76 2.96 -226.55 | 317.95 6.30 -182.98 | 341.23 6.53 -201.31 | 333.05 6.14 -199.02 | 357.20 2.62 -303.27 | 344.86 2.58 -291.68 | 312.75 2.84 -254.17 | 294.10 2.97 -231.66 | 268.64 8.84 -71.69 | 283.05 11.44 0.94 | 410.34 12.80 2.42 | 393.74 11.52 2.12 | 339.79 11.23 1.52 | 321.91 10.88 0.00 | 291.10 11.47 0.00 | 266.12 10.10 -36.54 | 256.09 4.41 -151.34 |
| BORALEX_4TH_BRANCH 23824 | 379.54 3.63 -332.20 | 317.33 4.35 -261.77 | 290.95 4.01 -241.42 | 276.87 4.07 -224.92 | 268.60 5.16 -201.28 | 282.61 5.03 -219.67 | 323.26 5.58 -252.85 | 296.66 5.59 -226.81 | 323.69 11.83 -183.19 | 346.94 12.01 -201.54 | 338.53 11.38 -199.25 | 359.51 4.57 -303.62 | 347.12 4.50 -292.02 | 315.23 5.02 -254.47 | 296.75 5.35 -231.94 | 276.61 16.74 -71.77 | 294.22 27.58 0.93 | 425.14 29.22 2.40 | 406.08 23.84 2.11 | 352.01 23.44 1.51 | 333.11 22.09 0.00 | 301.46 21.83 0.00 | 274.61 18.44 -36.70 | 260.47 8.12 -152.01 |
| BOWLINE___I 23526 | 303.93 4.11 -256.11 | 257.78 4.76 -201.81 | 235.75 4.10 -186.13 | 225.55 4.26 -173.40 | 222.69 5.35 -155.18 | 232.53 5.27 -169.36 | 265.35 5.58 -194.93 | 242.01 5.72 -172.03 | 276.95 12.09 -136.19 | 296.37 12.53 -150.45 | 282.34 11.90 -142.54 | 265.09 5.03 -208.74 | 256.85 5.01 -201.24 | 236.73 5.52 -175.47 | 219.36 5.71 -154.18 | 232.82 16.36 -28.36 | 279.58 21.53 14.49 | 421.91 26.39 4.44 | 405.84 25.36 3.86 | 349.21 23.10 3.96 | 323.67 21.76 9.11 | 290.87 21.53 10.29 | 249.66 18.88 -11.31 | 212.94 7.53 -105.08 |

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|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| BOWLINE___2 23595 | 303.96 4.11 -256.13 | 257.80 4.76 -201.83 | 235.81 4.14 -186.14 | 225.61 4.31 -173.42 | 222.76 5.41 -155.19 | 232.60 5.32 -169.37 | 265.43 5.64 -194.95 | 242.09 5.79 -172.04 | 277.10 12.23 -136.20 | 296.53 12.68 -150.46 | 282.46 12.02 -142.55 | 265.19 5.13 -208.73 | 256.95 5.11 -201.24 | 236.79 5.57 -175.47 | 219.41 5.77 -154.18 | 233.18 16.74 -28.34 | 279.85 21.81 14.50 | 422.32 26.80 4.44 | 406.63 26.15 3.86 | 349.55 23.44 3.97 | 323.99 22.09 9.12 | 291.42 22.09 10.30 | 250.09 19.32 -11.29 | 213.14 7.73 -105.08 |
| BROOKHAVEN___DRP 24191 | 310.82 4.72 -262.38 | 263.85 5.89 -206.75 | 240.89 4.69 -190.68 | 230.75 5.22 -177.64 | 227.35 6.22 -158.97 | 237.42 6.02 -173.50 | 271.17 6.62 -199.71 | 259.07 6.43 -188.39 | 299.47 12.62 -158.18 | 316.12 11.87 -170.86 | 326.02 10.36 -187.77 | 341.97 4.46 -286.19 | 335.68 4.50 -280.58 | 314.97 4.74 -254.50 | 314.87 5.17 -250.23 | 310.93 15.43 -107.39 | 319.60 19.07 -27.99 | 408.88 11.99 3.07 | 392.03 10.38 2.70 | 340.45 12.22 1.85 | 340.04 15.85 -13.16 | 319.44 16.78 -23.03 | 304.67 18.44 -66.76 | 260.73 7.23 -153.17 |
| BROOKLYN_NAVY_YARD 23515 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.40 6.87 -199.69 | 269.69 6.94 -198.49 | 355.14 14.53 -211.94 | 412.65 14.94 -264.33 | 395.26 14.32 -253.04 | 449.45 6.05 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.39 6.84 -374.09 | 423.59 19.75 -215.73 | 437.50 25.61 -139.34 | 521.97 32.38 -89.63 | 491.63 31.12 -76.17 | 446.03 28.39 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 371.14 23.25 -128.41 | 301.01 9.63 -191.04 |
| BROOKLYN___ARMY_DRP 323595 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| BROOME_2_LFGE 323671 | 129.67 1.05 -84.91 | 119.40 1.28 -66.91 | 108.32 1.09 -61.70 | 106.52 1.15 -57.49 | 114.66 1.06 -51.44 | 115.50 1.45 -56.15 | 130.44 0.97 -64.63 | 123.85 0.90 -58.69 | 177.74 1.67 -47.40 | 187.14 1.61 -52.15 | 180.60 1.15 -51.56 | 130.81 0.92 -78.56 | 127.12 0.96 -75.56 | 122.64 1.06 -65.84 | 120.37 0.89 -60.01 | 206.87 0.19 -18.57 | 263.91 -1.63 7.00 | 378.70 -3.21 18.04 | 366.56 -1.91 15.87 | 315.74 -2.98 11.36 | 308.22 -2.80 0.00 | 278.52 -1.11 0.00 | 228.07 -0.87 -9.47 | 139.16 -0.40 -39.23 |
| BROOME___LFGE 323600 | 129.67 1.05 -84.91 | 119.40 1.28 -66.91 | 108.32 1.09 -61.70 | 106.52 1.15 -57.49 | 114.66 1.06 -51.44 | 115.50 1.45 -56.15 | 130.44 0.97 -64.63 | 123.85 0.90 -58.69 | 177.74 1.67 -47.40 | 187.14 1.61 -52.15 | 180.60 1.15 -51.56 | 130.81 0.92 -78.56 | 127.12 0.96 -75.56 | 122.64 1.06 -65.84 | 120.37 0.89 -60.01 | 206.87 0.19 -18.57 | 263.91 -1.63 7.00 | 378.70 -3.21 18.04 | 366.56 -1.91 15.87 | 315.74 -2.98 11.36 | 308.22 -2.80 0.00 | 278.52 -1.11 0.00 | 228.07 -0.87 -9.47 | 139.16 -0.40 -39.23 |
| BURROWS___LYONSDAL 23803 | 43.50 -0.22 0.00 | 50.90 -0.31 0.00 | 45.20 -0.32 0.00 | 47.50 -0.38 0.00 | 62.60 0.44 0.00 | 57.61 -0.29 0.00 | 65.23 0.39 0.00 | 64.83 0.58 0.00 | 129.05 0.39 0.00 | 134.33 0.94 0.00 | 128.80 0.90 0.00 | 51.73 0.41 0.00 | 50.34 -0.25 0.00 | 55.46 -0.28 0.00 | 59.05 -0.41 0.00 | 186.04 -2.07 0.00 | 272.00 -0.54 0.00 | 401.57 1.61 0.00 | 386.67 2.32 0.00 | 330.41 0.33 0.00 | 310.40 -0.62 0.00 | 279.63 0.00 0.00 | 218.60 -0.87 0.00 | 100.14 -0.20 0.00 |
| CAITHNESS_CC_1 323624 | 310.91 4.81 -262.38 | 263.85 5.89 -206.75 | 240.93 4.73 -190.68 | 230.79 5.27 -177.64 | 227.41 6.28 -158.97 | 237.54 6.13 -173.50 | 271.23 6.68 -199.71 | 259.13 6.49 -188.39 | 299.59 12.74 -158.18 | 316.51 12.26 -170.86 | 326.53 10.87 -187.77 | 342.16 4.72 -286.12 | 335.84 4.71 -280.54 | 315.25 5.02 -254.49 | 315.05 5.35 -250.23 | 311.42 15.98 -107.33 | 320.40 19.88 -27.98 | 410.88 13.99 3.07 | 393.94 12.30 2.70 | 342.08 13.86 1.86 | 341.25 17.10 -13.13 | 320.56 17.91 -23.02 | 305.08 18.88 -66.73 | 260.83 7.32 -153.17 |
| CALPINE BETH_PAGE_GT4 24209 | 311.56 5.46 -262.38 | 264.57 6.61 -206.75 | 241.66 5.46 -190.68 | 231.46 5.94 -177.64 | 228.34 7.21 -158.97 | 238.41 7.00 -173.50 | 272.13 7.58 -199.71 | 260.03 7.39 -188.39 | 302.15 15.30 -158.18 | 320.38 16.13 -170.86 | 330.89 15.21 -187.78 | 386.45 6.52 -328.61 | 365.64 6.53 -308.51 | 321.66 7.02 -258.90 | 316.96 7.25 -250.24 | 357.17 21.62 -147.44 | 335.97 27.81 -35.62 | 430.08 33.18 3.06 | 413.54 31.88 2.69 | 361.82 30.03 -1.71 | 372.94 28.93 -32.98 | 338.13 28.23 -30.27 | 325.61 24.58 -81.56 | 262.54 9.03 -153.17 |
| CALPINE_BETH_PAGE_GT_4 323586 | 311.56 5.46 -262.38 | 264.57 6.61 -206.75 | 241.66 5.46 -190.68 | 231.46 5.94 -177.64 | 228.34 7.21 -158.97 | 238.41 7.00 -173.50 | 272.13 7.58 -199.71 | 260.03 7.39 -188.39 | 302.15 15.30 -158.18 | 320.38 16.13 -170.86 | 330.89 15.21 -187.78 | 386.45 6.52 -328.61 | 365.64 6.53 -308.51 | 321.66 7.02 -258.90 | 316.96 7.25 -250.24 | 357.17 21.62 -147.44 | 335.97 27.81 -35.62 | 430.08 33.18 3.06 | 413.54 31.88 2.69 | 361.82 30.03 -1.71 | 372.94 28.93 -32.98 | 338.13 28.23 -30.27 | 325.61 24.58 -81.56 | 262.54 9.03 -153.17 |
| CALPINE_BP_GT1 23823 | 311.56 5.46 -262.38 | 264.57 6.61 -206.75 | 241.66 5.46 -190.68 | 231.46 5.94 -177.64 | 228.34 7.21 -158.97 | 238.41 7.00 -173.50 | 272.13 7.58 -199.71 | 260.03 7.39 -188.39 | 302.15 15.30 -158.18 | 320.38 16.13 -170.86 | 330.89 15.21 -187.78 | 386.45 6.52 -328.61 | 365.64 6.53 -308.51 | 321.66 7.02 -258.90 | 316.96 7.25 -250.24 | 357.17 21.62 -147.44 | 335.97 27.81 -35.62 | 430.08 33.18 3.06 | 413.54 31.88 2.69 | 361.82 30.03 -1.71 | 372.94 28.93 -32.98 | 338.13 28.23 -30.27 | 325.61 24.58 -81.56 | 262.54 9.03 -153.17 |
| CALSPAN___DRP 24200 | 85.90 -0.83 -43.02 | 84.29 -0.82 -33.90 | 76.10 -0.68 -31.26 | 76.24 -0.77 -29.13 | 85.67 -2.55 -26.06 | 85.59 -0.75 -28.45 | 94.34 -3.24 -32.74 | 89.44 -4.50 -29.69 | 142.10 -10.55 -23.98 | 148.43 -11.34 -26.38 | 142.21 -11.76 -26.08 | 87.57 -3.49 -39.74 | 85.83 -2.99 -38.22 | 85.81 -3.23 -33.31 | 85.84 -3.98 -30.36 | 177.93 -19.57 -9.39 | 177.65 -34.89 60.01 | 195.27 -50.01 154.68 | 201.40 -46.90 136.04 | 190.10 -42.58 97.41 | 274.01 -37.02 0.00 | 249.72 -29.92 0.00 | 201.22 -23.04 -4.79 | 110.85 -9.33 -19.84 |
| CANDIGU_WT_PWR 323617 | 101.57 0.61 -57.24 | 97.08 0.77 -45.10 | 87.80 0.68 -41.60 | 87.31 0.67 -38.75 | 96.72 -0.12 -34.68 | 96.74 0.98 -37.85 | 108.08 -0.32 -43.57 | 102.93 -0.84 -39.51 | 158.13 -2.45 -31.91 | 165.69 -2.81 -35.11 | 159.28 -3.33 -34.71 | 103.69 -0.51 -52.89 | 101.16 -0.30 -50.87 | 99.73 -0.33 -44.33 | 99.03 -0.83 -40.40 | 193.08 -7.53 -12.50 | 257.55 -14.99 0.00 | 378.75 -21.21 0.00 | 365.52 -18.82 0.00 | 310.93 -19.15 0.00 | 293.92 -17.11 0.00 | 266.49 -13.14 0.00 | 215.10 -10.75 -6.38 | 122.53 -4.21 -26.41 |
| CARR STREET_E_SYR 24060 | 65.07 -0.39 -21.75 | 67.89 -0.46 -17.14 | 60.92 -0.41 -15.81 | 62.13 -0.48 -14.73 | 74.47 -0.87 -13.18 | 71.71 -0.58 -14.38 | 80.43 -0.97 -16.56 | 78.23 -1.03 -15.00 | 138.59 -2.19 -12.12 | 144.45 -2.27 -13.33 | 138.78 -2.30 -13.18 | 70.84 -0.56 -20.08 | 69.30 -0.60 -19.32 | 71.91 -0.67 -16.83 | 73.91 -0.89 -15.34 | 188.54 -4.32 -4.75 | 265.19 -7.35 0.00 | 389.56 -10.40 0.00 | 375.12 -9.23 0.00 | 321.18 -8.90 0.00 | 302.64 -8.38 0.00 | 272.65 -6.98 0.00 | 215.75 -6.14 -2.42 | 107.65 -2.70 -10.02 |
| CARTHAGE___PAPER 23857 | 51.95 -0.44 -8.67 | 57.48 -0.56 -6.83 | 51.23 -0.59 -6.30 | 52.99 -0.77 -5.87 | 68.10 0.69 -5.25 | 63.00 -0.64 -5.73 | 71.96 0.52 -6.60 | 71.05 0.83 -5.96 | 133.23 -0.26 -4.82 | 139.22 0.54 -5.30 | 133.65 0.51 -5.24 | 59.51 0.21 -7.98 | 57.41 -0.86 -7.68 | 61.54 -0.89 -6.69 | 64.49 -1.07 -6.10 | 185.48 -4.52 -1.89 | 270.65 -1.89 0.00 | 401.97 2.01 0.00 | 387.41 3.06 0.00 | 330.08 0.00 0.00 | 309.17 -1.86 0.00 | 278.52 -1.11 0.00 | 218.24 -2.19 -0.96 | 103.61 -0.70 -3.97 |
| CE_DUNWOOD___DRP 24194 | 310.03 4.41 -261.90 | 262.66 5.07 -206.38 | 240.27 4.41 -190.34 | 229.81 4.60 -177.33 | 226.56 5.72 -158.69 | 236.71 5.61 -173.19 | 270.28 6.09 -199.34 | 245.06 6.17 -174.64 | 279.59 12.99 -137.93 | 300.39 13.61 -153.39 | 282.56 12.79 -141.87 | 259.98 5.44 -203.23 | 252.64 5.42 -196.63 | 233.89 5.91 -172.24 | 214.39 6.18 -148.74 | 224.47 18.06 -18.30 | 277.61 23.70 18.63 | 426.48 29.60 3.07 | 409.69 28.04 2.70 | 352.79 25.76 3.06 | 322.73 24.57 12.86 | 289.55 24.05 14.14 | 245.19 20.86 -4.85 | 211.43 8.43 -102.67 |

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|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| CE_MILLWOOD___DRP 24193 | 309.13 4.29 -261.13 | 261.94 4.97 -205.77 | 239.57 4.28 -189.77 | 229.14 4.45 -176.80 | 225.98 5.60 -158.22 | 236.08 5.50 -172.68 | 269.49 5.90 -198.75 | 245.04 5.98 -174.81 | 279.16 12.62 -137.88 | 299.03 13.21 -152.43 | 283.56 12.40 -143.25 | 264.73 5.29 -208.12 | 256.60 5.26 -200.75 | 236.55 5.74 -175.06 | 218.12 6.00 -152.66 | 229.60 17.50 -24.00 | 278.55 23.15 17.14 | 424.11 28.81 4.67 | 407.58 27.29 4.06 | 350.50 24.77 4.35 | 323.71 23.63 10.94 | 290.47 23.20 12.36 | 248.10 20.18 -8.45 | 213.39 8.12 -104.94 |
| CE_NYC2_DRP 24202 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.62 14.28 -218.67 | 426.65 14.94 -278.33 | 400.52 14.20 -258.43 | 449.47 6.05 -392.09 | 456.89 6.02 -400.28 | 450.55 6.57 -388.23 | 448.69 6.84 -382.39 | 424.35 20.51 -215.74 | 450.75 26.99 -151.23 | 539.67 33.98 -105.74 | 506.50 32.29 -89.87 | 461.75 29.37 -102.30 | 395.81 28.30 -56.48 | 391.25 27.12 -84.50 | 371.82 23.93 -128.42 | 301.02 9.63 -191.05 |
| CE_NYC_DRP 24195 | 311.00 4.94 -262.35 | 263.62 5.68 -206.72 | 241.09 4.92 -190.65 | 230.62 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.40 6.87 -199.69 | 269.75 7.01 -198.49 | 354.33 14.66 -211.00 | 410.97 15.20 -262.38 | 394.51 14.32 -252.29 | 449.45 6.05 -392.08 | 452.15 6.02 -395.54 | 439.20 6.63 -376.83 | 439.30 6.89 -372.94 | 423.98 20.14 -215.73 | 437.22 26.99 -137.69 | 521.75 34.40 -87.39 | 491.26 32.65 -74.26 | 444.96 29.37 -85.51 | 394.96 28.00 -55.93 | 386.86 27.12 -80.11 | 371.14 23.25 -128.41 | 301.00 9.63 -191.03 |
| CHAFFEE___LFGE 323603 | 87.40 0.13 -43.56 | 85.89 0.36 -34.32 | 77.50 0.32 -31.65 | 77.61 0.24 -29.49 | 87.13 -1.43 -26.39 | 87.34 0.64 -28.80 | 95.98 -2.01 -33.15 | 91.43 -2.89 -30.06 | 145.48 -7.47 -24.28 | 151.96 -8.14 -26.71 | 145.60 -8.70 -26.41 | 89.50 -2.05 -40.24 | 87.93 -1.36 -38.70 | 88.02 -1.45 -33.72 | 88.00 -2.20 -30.74 | 181.82 -15.80 -9.51 | 184.81 -28.61 59.12 | 207.57 -39.99 152.39 | 213.79 -36.52 134.03 | 200.12 -33.99 95.97 | 281.17 -29.86 0.00 | 255.58 -24.05 0.00 | 205.01 -19.32 -4.85 | 112.40 -8.03 -20.09 |
| CHATEAUG_WT_PWR 323614 | 42.23 -1.49 0.00 | 49.37 -1.84 0.00 | 43.93 -1.59 0.00 | 46.21 -1.68 0.00 | 60.79 -1.37 0.00 | 55.93 -1.97 0.00 | 63.54 -1.30 0.00 | 62.90 -1.35 0.00 | 125.71 -2.95 0.00 | 130.72 -2.67 0.00 | 125.60 -2.30 0.00 | 49.88 -1.44 0.00 | 49.08 -1.52 0.00 | 54.18 -1.56 0.00 | 58.28 -1.19 0.00 | 187.17 -0.94 0.00 | 273.36 0.82 0.00 | 407.17 7.21 0.00 | 391.63 7.28 0.00 | 335.04 4.96 0.00 | 313.82 2.79 0.00 | 280.75 1.12 0.00 | 220.13 0.66 0.00 | 101.34 1.00 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 42.01 -1.71 0.00 | 49.11 -2.10 0.00 | 43.70 -1.82 0.00 | 45.97 -1.92 0.00 | 60.67 -1.49 0.00 | 55.70 -2.20 0.00 | 63.41 -1.43 0.00 | 62.78 -1.48 0.00 | 125.45 -3.21 0.00 | 130.45 -2.94 0.00 | 125.34 -2.56 0.00 | 49.73 -1.59 0.00 | 48.82 -1.77 0.00 | 53.96 -1.79 0.00 | 57.98 -1.48 0.00 | 186.60 -1.51 0.00 | 273.09 0.55 0.00 | 407.17 7.21 0.00 | 391.63 7.28 0.00 | 334.70 4.62 0.00 | 313.50 2.48 0.00 | 280.47 0.84 0.00 | 219.91 0.44 0.00 | 101.24 0.90 0.00 |
| CHAUTAUQUA___LFGE 323629 | 88.75 -0.52 -45.55 | 86.69 -0.41 -35.90 | 78.31 -0.32 -33.11 | 78.34 -0.38 -30.84 | 87.71 -2.05 -27.60 | 87.79 -0.23 -30.12 | 96.98 -2.53 -34.67 | 92.48 -3.21 -31.44 | 146.20 -7.85 -25.39 | 152.65 -8.67 -27.93 | 146.30 -9.21 -27.62 | 90.89 -2.51 -42.08 | 89.09 -1.97 -40.47 | 88.89 -2.12 -35.27 | 88.70 -2.91 -32.15 | 181.31 -16.74 -9.95 | 186.87 -29.70 55.97 | 213.29 -42.41 144.27 | 219.40 -38.06 126.88 | 202.92 -36.31 90.85 | 278.37 -32.65 0.00 | 253.63 -26.00 0.00 | 203.91 -20.64 -5.07 | 112.72 -8.63 -21.01 |
| CH_MIDHUDSON___DRP 24192 | 324.76 4.24 -276.80 | 274.24 4.92 -218.12 | 251.01 4.33 -201.16 | 239.75 4.45 -187.41 | 235.53 5.66 -167.71 | 246.45 5.50 -183.04 | 281.29 5.77 -210.69 | 259.75 5.85 -189.64 | 294.47 12.35 -153.45 | 315.08 12.93 -168.76 | 307.51 12.16 -167.45 | 312.52 5.18 -256.01 | 301.95 5.16 -246.19 | 275.88 5.63 -214.51 | 261.45 5.89 -196.09 | 268.21 17.50 -62.61 | 295.88 23.15 -0.19 | 425.97 28.81 2.80 | 409.56 27.69 2.47 | 353.85 25.42 1.65 | 336.21 24.28 -0.91 | 304.15 23.49 -1.03 | 272.35 20.62 -32.26 | 236.44 8.32 -127.78 |
| CH_MISC_IPPS 23765 | 314.96 4.46 -266.79 | 266.61 5.17 -210.23 | 243.96 4.55 -193.89 | 233.21 4.70 -180.63 | 229.78 5.97 -161.65 | 240.11 5.96 -176.42 | 273.86 5.79 -203.06 | 253.24 6.17 -182.81 | 289.56 12.99 -147.90 | 309.66 13.61 -162.66 | 302.06 12.79 -161.37 | 303.42 5.44 -246.67 | 293.21 5.42 -237.20 | 268.33 5.91 -206.69 | 254.61 6.24 -188.91 | 266.56 18.24 -60.21 | 297.11 24.54 -0.03 | 428.28 31.22 2.90 | 411.79 30.00 2.55 | 355.74 27.38 1.72 | 337.65 25.80 -0.83 | 305.44 24.88 -0.93 | 272.21 21.73 -31.00 | 232.19 8.72 -123.12 |
| CH_RES_BVR_FALLS 23983 | 28.87 -0.96 13.89 | 39.19 -1.08 10.94 | 34.52 -0.91 10.09 | 37.57 -0.91 9.40 | 52.82 -0.93 8.41 | 47.68 -1.04 9.18 | 53.23 -1.04 10.57 | 53.52 -1.09 9.65 | 118.95 -1.93 7.79 | 123.08 -1.74 8.57 | 118.02 -1.40 8.48 | 37.79 -0.61 12.92 | 37.62 -0.56 12.42 | 44.31 -0.61 10.82 | 48.89 -0.71 9.87 | 182.99 -2.07 3.05 | 269.28 -3.26 0.00 | 396.35 -3.61 0.00 | 380.50 -3.84 0.00 | 326.13 -3.95 0.00 | 306.37 -4.66 0.00 | 274.61 -5.03 0.00 | 213.73 -4.18 1.57 | 92.04 -1.80 6.49 |
| CH_RES_NIAGARA 23895 | 82.15 -1.66 -40.10 | 81.01 -1.79 -31.60 | 73.12 -1.55 -29.14 | 73.31 -1.72 -27.15 | 82.73 -3.73 -24.30 | 82.51 -1.91 -26.52 | 90.63 -4.73 -30.52 | 85.31 -6.62 -27.67 | 135.96 -15.05 -22.35 | 141.83 -16.14 -24.59 | 135.84 -16.37 -24.31 | 83.03 -5.34 -37.04 | 81.37 -4.86 -35.63 | 81.49 -5.30 -31.05 | 81.58 -6.19 -28.30 | 171.10 -25.76 -8.76 | 164.20 -46.06 62.27 | 171.85 -67.60 160.51 | 178.61 -64.56 141.17 | 172.23 -56.77 101.08 | 262.82 -48.20 0.00 | 240.77 -38.86 0.00 | 194.75 -29.19 -4.47 | 107.30 -11.54 -18.50 |
| CH_RES_SYRACUSE 23985 | 68.66 -0.22 -25.17 | 70.73 -0.31 -19.83 | 63.54 -0.27 -18.29 | 64.64 -0.29 -17.04 | 76.79 -0.62 -15.25 | 74.20 -0.35 -16.64 | 82.95 -1.04 -19.15 | 80.66 -0.96 -17.36 | 140.38 -2.31 -14.02 | 146.55 -2.27 -15.43 | 140.85 -2.30 -15.25 | 74.00 -0.56 -23.24 | 72.34 -0.60 -22.35 | 74.61 -0.61 -19.48 | 76.39 -0.83 -17.75 | 189.28 -4.32 -5.49 | 266.15 -7.35 -0.96 | 392.03 -10.40 -2.47 | 377.29 -9.23 -2.17 | 322.40 -9.24 -1.56 | 302.64 -8.38 0.00 | 272.36 -7.27 0.00 | 215.90 -6.37 -2.80 | 109.13 -2.81 -11.60 |
| CLINTON_WT_PWR 323605 | 42.23 -1.49 0.00 | 49.37 -1.84 0.00 | 43.93 -1.59 0.00 | 46.21 -1.68 0.00 | 60.79 -1.37 0.00 | 55.93 -1.97 0.00 | 63.54 -1.30 0.00 | 62.90 -1.35 0.00 | 125.71 -2.95 0.00 | 130.72 -2.67 0.00 | 125.60 -2.30 0.00 | 49.88 -1.44 0.00 | 49.08 -1.52 0.00 | 54.18 -1.56 0.00 | 58.28 -1.19 0.00 | 187.17 -0.94 0.00 | 273.36 0.82 0.00 | 407.17 7.21 0.00 | 391.63 7.28 0.00 | 335.04 4.96 0.00 | 313.82 2.79 0.00 | 280.75 1.12 0.00 | 220.13 0.66 0.00 | 101.34 1.00 0.00 |
| CLINTON___LFGE 323618 | 42.67 -1.05 0.00 | 49.88 -1.33 0.00 | 44.34 -1.18 0.00 | 46.64 -1.25 0.00 | 61.42 -0.74 0.00 | 56.57 -1.33 0.00 | 64.32 -0.52 0.00 | 63.61 -0.64 0.00 | 127.25 -1.41 0.00 | 132.32 -1.07 0.00 | 127.26 -0.64 0.00 | 50.55 -0.77 0.00 | 49.69 -0.91 0.00 | 54.85 -0.89 0.00 | 58.99 -0.48 0.00 | 189.80 1.69 0.00 | 276.35 3.81 0.00 | 412.75 12.80 0.00 | 397.42 13.08 0.00 | 339.31 9.23 0.00 | 317.24 6.22 0.00 | 284.09 4.46 0.00 | 222.32 2.85 0.00 | 102.65 2.31 0.00 |
| COLONIE_LFGE___ 323577 | 382.24 3.59 -334.94 | 319.34 4.20 -263.93 | 292.80 3.87 -243.41 | 278.63 3.97 -226.77 | 270.13 5.03 -202.94 | 284.30 4.92 -221.48 | 325.15 5.38 -254.93 | 297.89 5.02 -228.61 | 323.87 10.55 -184.65 | 347.47 10.94 -203.15 | 339.09 10.36 -200.83 | 361.51 4.16 -306.03 | 349.03 4.10 -294.34 | 316.74 4.51 -256.49 | 298.12 4.88 -233.78 | 275.50 15.05 -72.34 | 292.07 20.45 0.92 | 423.56 25.98 2.38 | 405.31 23.06 2.09 | 350.36 21.78 1.50 | 331.23 20.21 0.00 | 299.78 20.14 0.00 | 273.17 16.67 -37.03 | 261.42 7.73 -153.36 |
| CORNELL_____ 23752 | 94.37 -0.17 -50.83 | 91.01 -0.25 -40.05 | 82.23 -0.23 -36.94 | 82.01 -0.29 -34.41 | 92.28 -0.68 -30.80 | 91.28 -0.23 -33.61 | 102.88 -0.65 -38.69 | 98.90 -0.52 -35.16 | 155.91 -1.16 -28.40 | 163.70 -0.93 -31.24 | 157.63 -1.15 -30.89 | 98.29 -0.10 -47.07 | 95.71 -0.15 -45.27 | 95.02 -0.17 -39.45 | 95.07 -0.35 -35.96 | 196.04 -3.20 -11.13 | 263.99 -6.00 2.56 | 385.76 -7.61 6.59 | 372.38 -6.16 5.80 | 318.67 -7.26 4.15 | 303.88 -7.14 0.00 | 273.48 -6.15 0.00 | 219.23 -5.92 -5.67 | 121.23 -2.61 -23.50 |

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| COXSACKIE___GT 23611 | 333.62 3.63 -286.28 | 281.04 4.25 -225.58 | 257.39 3.82 -208.05 | 245.54 3.83 -193.83 | 240.65 5.03 -173.45 | 252.13 4.92 -189.31 | 287.53 4.80 -217.90 | 264.87 4.88 -195.73 | 297.31 10.55 -158.09 | 318.38 11.07 -173.92 | 310.33 10.49 -171.94 | 317.69 4.36 -262.01 | 306.95 4.35 -252.00 | 280.07 4.74 -219.59 | 264.73 5.11 -200.15 | 265.27 15.23 -61.93 | 292.43 20.99 1.10 | 424.33 27.21 2.84 | 408.35 26.50 2.50 | 353.37 25.07 1.79 | 334.36 23.34 0.00 | 301.72 22.09 0.00 | 269.94 18.88 -31.59 | 238.79 7.62 -130.83 |
| CRESCENT___HYD 24018 | 382.24 3.59 -334.94 | 319.34 4.20 -263.93 | 292.80 3.87 -243.41 | 278.63 3.97 -226.77 | 270.13 5.03 -202.94 | 284.30 4.92 -221.48 | 325.15 5.38 -254.93 | 297.89 5.02 -228.61 | 323.87 10.55 -184.65 | 347.47 10.94 -203.15 | 339.09 10.36 -200.83 | 361.51 4.16 -306.03 | 349.03 4.10 -294.34 | 316.74 4.51 -256.49 | 298.12 4.88 -233.78 | 275.50 15.05 -72.34 | 292.07 20.45 0.92 | 423.56 25.98 2.38 | 405.31 23.06 2.09 | 350.36 21.78 1.50 | 331.23 20.21 0.00 | 299.78 20.14 0.00 | 273.17 16.67 -37.03 | 261.42 7.73 -153.36 |
| CRUCIBLE_METL_DRP 24180 | 68.66 -0.22 -25.17 | 70.73 -0.31 -19.83 | 63.54 -0.27 -18.29 | 64.64 -0.29 -17.04 | 76.79 -0.62 -15.25 | 74.20 -0.35 -16.64 | 82.95 -1.04 -19.15 | 80.66 -0.96 -17.36 | 140.38 -2.31 -14.02 | 146.55 -2.27 -15.43 | 140.85 -2.30 -15.25 | 74.00 -0.56 -23.24 | 72.34 -0.60 -22.35 | 74.61 -0.61 -19.48 | 76.39 -0.83 -17.75 | 189.28 -4.32 -5.49 | 266.15 -7.35 -0.96 | 392.03 -10.40 -2.47 | 377.29 -9.23 -2.17 | 322.40 -9.24 -1.56 | 302.64 -8.38 0.00 | 272.36 -7.27 0.00 | 215.90 -6.37 -2.80 | 109.13 -2.81 -11.60 |
| DANC___LFGE 323619 | 53.78 0.00 -10.06 | 59.04 -0.10 -7.93 | 52.65 -0.18 -7.31 | 54.36 -0.33 -6.81 | 69.19 0.93 -6.10 | 64.44 -0.12 -6.65 | 73.34 0.84 -7.66 | 72.40 1.22 -6.93 | 134.65 0.39 -5.59 | 140.88 1.33 -6.15 | 135.13 1.15 -6.08 | 61.21 0.62 -9.27 | 59.16 -0.35 -8.92 | 63.12 -0.39 -7.77 | 66.01 -0.54 -7.08 | 187.10 -3.20 -2.19 | 271.45 -1.09 0.00 | 403.55 3.59 0.00 | 389.33 4.98 0.00 | 331.07 0.99 0.00 | 310.40 -0.62 0.00 | 279.35 -0.28 0.00 | 218.82 -1.76 -1.11 | 104.26 -0.70 -4.62 |
| DANSKAMMER___1 23586 | 314.96 4.46 -266.79 | 266.61 5.17 -210.23 | 243.96 4.55 -193.89 | 233.21 4.70 -180.63 | 229.78 5.97 -161.65 | 240.11 5.79 -176.42 | 273.86 5.96 -203.06 | 253.24 6.17 -182.81 | 289.56 12.99 -147.90 | 309.66 13.61 -162.66 | 302.06 12.79 -161.37 | 303.42 5.44 -246.67 | 293.21 5.42 -237.20 | 268.33 5.91 -206.69 | 254.61 6.24 -188.91 | 266.56 18.24 -60.21 | 297.11 24.54 -0.03 | 428.28 31.22 2.90 | 411.79 30.00 2.55 | 355.74 27.38 1.72 | 337.65 25.80 -0.83 | 305.44 24.88 -0.93 | 272.21 21.73 -31.00 | 232.19 8.72 -123.12 |
| DANSKAMMER___2 23589 | 314.96 4.46 -266.79 | 266.61 5.17 -210.23 | 243.96 4.55 -193.89 | 233.21 4.70 -180.63 | 229.78 5.97 -161.65 | 240.11 5.79 -176.42 | 273.86 5.96 -203.06 | 253.24 6.17 -182.81 | 289.56 12.99 -147.90 | 309.66 13.61 -162.66 | 302.06 12.79 -161.37 | 303.42 5.44 -246.67 | 293.21 5.42 -237.20 | 268.33 5.91 -206.69 | 254.61 6.24 -188.91 | 266.56 18.24 -60.21 | 297.11 24.54 -0.03 | 428.28 31.22 2.90 | 411.79 30.00 2.55 | 355.74 27.38 1.72 | 337.65 25.80 -0.83 | 305.44 24.88 -0.93 | 272.21 21.73 -31.00 | 232.19 8.72 -123.12 |
| DANSKAMMER___3 23590 | 314.96 4.46 -266.79 | 266.61 5.17 -210.23 | 243.96 4.55 -193.89 | 233.21 4.70 -180.63 | 229.78 5.97 -161.65 | 240.11 5.79 -176.42 | 273.86 5.96 -203.06 | 253.24 6.17 -182.81 | 289.56 12.99 -147.90 | 309.66 13.61 -162.66 | 302.06 12.79 -161.37 | 303.42 5.44 -246.67 | 293.21 5.42 -237.20 | 268.33 5.91 -206.69 | 254.61 6.24 -188.91 | 266.56 18.24 -60.21 | 297.11 24.54 -0.03 | 428.28 31.22 2.90 | 411.79 30.00 2.55 | 355.74 27.38 1.72 | 337.65 25.80 -0.83 | 305.44 24.88 -0.93 | 272.21 21.73 -31.00 | 232.19 8.72 -123.12 |
| DANSKAMMER___4 23591 | 314.96 4.46 -266.79 | 266.61 5.17 -210.23 | 243.96 4.55 -193.89 | 233.21 4.70 -180.63 | 229.78 5.97 -161.65 | 240.11 5.79 -176.42 | 273.86 5.96 -203.06 | 253.24 6.17 -182.81 | 289.56 12.99 -147.90 | 309.66 13.61 -162.66 | 302.06 12.79 -161.37 | 303.42 5.44 -246.67 | 293.21 5.42 -237.20 | 268.33 5.91 -206.69 | 254.61 6.24 -188.91 | 266.56 18.24 -60.21 | 297.11 24.54 -0.03 | 428.28 31.22 2.90 | 411.79 30.00 2.55 | 355.74 27.38 1.72 | 337.65 25.80 -0.83 | 305.44 24.88 -0.93 | 272.21 21.73 -31.00 | 232.19 8.72 -123.12 |
| DANSKAMMER___DIESEL 23592 | 314.96 4.46 -266.79 | 266.61 5.17 -210.23 | 243.96 4.55 -193.89 | 233.21 4.70 -180.63 | 229.78 5.97 -161.65 | 240.11 5.79 -176.42 | 273.86 5.96 -203.06 | 253.24 6.17 -182.81 | 289.56 12.99 -147.90 | 309.66 13.61 -162.66 | 302.06 12.79 -161.37 | 303.42 5.44 -246.67 | 293.21 5.42 -237.20 | 268.33 5.91 -206.69 | 254.61 6.24 -188.91 | 266.56 18.24 -60.21 | 297.11 24.54 -0.03 | 428.28 31.22 2.90 | 411.79 30.00 2.55 | 355.74 27.38 1.72 | 337.65 25.80 -0.83 | 305.44 24.88 -0.93 | 272.21 21.73 -31.00 | 232.19 8.72 -123.12 |
| DASHVILLE___HYD 23610 | 315.43 3.89 -267.83 | 266.76 4.51 -211.05 | 244.08 3.92 -194.64 | 233.24 4.02 -181.34 | 229.60 5.16 -162.28 | 239.99 4.98 -177.11 | 273.62 4.93 -203.86 | 252.60 5.14 -183.20 | 287.57 10.93 -147.97 | 307.65 11.47 -162.79 | 299.70 10.87 -160.94 | 301.23 4.67 -245.24 | 291.12 4.65 -235.88 | 266.35 5.07 -205.54 | 252.16 5.35 -187.34 | 261.51 15.43 -57.97 | 291.83 20.45 1.16 | 421.77 24.81 3.00 | 405.94 24.23 2.64 | 350.95 22.76 1.89 | 332.47 21.44 0.00 | 300.87 21.24 0.00 | 268.36 19.32 -29.57 | 230.34 7.53 -122.47 |
| DELAWARE___LFGE 323621 | 157.26 2.36 -111.18 | 141.58 2.76 -87.61 | 128.69 2.37 -80.80 | 125.69 2.54 -75.28 | 132.63 3.11 -67.36 | 134.55 3.12 -73.52 | 152.64 3.18 -84.62 | 146.62 3.21 -79.15 | 199.28 6.69 -63.93 | 210.65 6.93 -70.33 | 203.95 6.52 -69.53 | 160.15 2.87 -105.96 | 155.28 2.78 -101.91 | 147.61 3.06 -88.80 | 143.49 3.09 -80.94 | 221.63 8.47 -25.05 | 279.83 10.62 3.33 | 404.98 13.61 8.59 | 390.24 13.45 7.55 | 336.22 11.55 5.41 | 321.91 10.88 0.00 | 290.25 10.62 0.00 | 241.03 8.79 -12.77 | 156.94 3.71 -52.89 |
| DOGLEVILLE___HYD 23807 | 41.46 4.07 6.32 | 51.10 4.87 4.98 | 45.26 4.33 4.59 | 48.11 4.50 4.28 | 64.12 5.78 3.83 | 59.34 5.61 4.18 | 66.32 6.29 4.81 | 66.22 6.36 4.40 | 138.49 13.38 3.55 | 144.15 14.67 3.91 | 138.48 14.45 3.87 | 51.07 5.65 5.89 | 50.29 5.36 5.67 | 56.66 5.85 4.94 | 61.68 6.72 4.50 | 208.90 22.19 1.39 | 306.05 33.51 0.00 | 452.34 52.38 0.00 | 436.21 51.87 0.00 | 372.68 42.60 0.00 | 347.40 36.37 0.00 | 310.67 31.04 0.00 | 240.28 21.52 0.72 | 107.40 10.03 2.97 |
| DUNKIRK___1 23563 | 88.21 -0.83 -45.33 | 86.21 -0.72 -35.72 | 77.83 -0.64 -32.94 | 77.86 -0.72 -30.69 | 87.20 -2.43 -27.47 | 87.24 -0.64 -29.98 | 96.49 -2.85 -34.50 | 91.94 -3.60 -31.28 | 145.31 -8.62 -25.27 | 151.72 -9.47 -27.80 | 145.40 -9.98 -27.48 | 90.37 -2.82 -41.88 | 88.55 -2.33 -40.28 | 88.33 -2.51 -35.10 | 88.13 -3.33 -31.99 | 180.32 -17.69 -9.90 | 185.11 -31.08 56.36 | 209.91 -44.79 145.27 | 216.23 -40.35 127.76 | 200.65 -37.95 91.48 | 276.49 -34.53 0.00 | 251.94 -27.69 0.00 | 202.58 -21.95 -5.05 | 112.12 -9.13 -20.91 |
| DUNKIRK___2 23564 | 88.21 -0.83 -45.33 | 86.21 -0.72 -35.72 | 77.83 -0.64 -32.94 | 77.86 -0.72 -30.69 | 87.20 -2.43 -27.47 | 87.24 -0.64 -29.98 | 96.49 -2.85 -34.50 | 91.94 -3.60 -31.28 | 145.31 -8.62 -25.27 | 151.72 -9.47 -27.80 | 145.40 -9.98 -27.48 | 90.37 -2.82 -41.88 | 88.55 -2.33 -40.28 | 88.33 -2.51 -35.10 | 88.13 -3.33 -31.99 | 180.32 -17.69 -9.90 | 185.11 -31.08 56.36 | 209.91 -44.79 145.27 | 216.23 -40.35 127.76 | 200.65 -37.95 91.48 | 276.49 -34.53 0.00 | 251.94 -27.69 0.00 | 202.58 -21.95 -5.05 | 112.12 -9.13 -20.91 |
| DUNKIRK___3 23565 | 88.15 -0.92 -45.36 | 86.08 -0.87 -35.74 | 77.71 -0.77 -32.97 | 77.73 -0.86 -30.71 | 87.09 -2.55 -27.48 | 87.09 -0.81 -30.00 | 96.32 -3.05 -34.53 | 91.64 -3.92 -31.30 | 144.68 -9.27 -25.28 | 151.20 -10.01 -27.82 | 144.91 -10.48 -27.50 | 90.15 -3.08 -41.90 | 88.32 -2.58 -40.30 | 88.02 -2.84 -35.12 | 87.85 -3.63 -32.01 | 179.59 -18.43 -9.91 | 183.69 -32.44 56.41 | 208.17 -46.39 145.40 | 213.79 -42.67 127.88 | 198.90 -39.62 91.56 | 275.56 -35.46 0.00 | 251.11 -28.53 0.00 | 202.14 -22.39 -5.05 | 111.93 -9.33 -20.92 |
| DUNKIRK___4 23566 | 88.15 -0.92 -45.36 | 86.08 -0.87 -35.74 | 77.71 -0.77 -32.97 | 77.73 -0.86 -30.71 | 87.09 -2.55 -27.48 | 87.09 -0.81 -30.00 | 96.32 -3.05 -34.53 | 91.64 -3.92 -31.30 | 144.68 -9.27 -25.28 | 151.20 -10.01 -27.82 | 144.91 -10.48 -27.50 | 90.15 -3.08 -41.90 | 88.32 -2.58 -40.30 | 88.02 -2.84 -35.12 | 87.85 -3.63 -32.01 | 179.59 -18.43 -9.91 | 183.69 -32.44 56.41 | 208.17 -46.39 145.40 | 213.79 -42.67 127.88 | 198.90 -39.62 91.56 | 275.56 -35.46 0.00 | 251.11 -28.53 0.00 | 202.14 -22.39 -5.05 | 111.93 -9.33 -20.92 |

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| EAST HAMPTON___GT 23717 | 313.66 7.56 -262.38 | 267.54 9.57 -206.75 | 243.94 7.74 -190.68 | 234.14 8.62 -177.64 | 231.57 10.44 -158.97 | 241.53 10.13 -173.50 | 275.63 11.08 -199.71 | 263.76 11.12 -188.39 | 308.72 21.87 -158.18 | 326.13 21.88 -170.86 | 335.75 20.08 -187.77 | 346.14 8.52 -286.30 | 339.65 8.40 -280.65 | 319.23 8.98 -254.51 | 319.40 9.70 -250.23 | 324.94 29.33 -107.50 | 340.05 39.50 -28.01 | 424.47 27.58 3.07 | 406.61 24.97 2.70 | 352.01 23.78 1.85 | 360.61 36.37 -13.21 | 340.99 38.31 -23.05 | 320.29 34.02 -66.79 | 267.75 14.24 -153.17 |
| EAST RIVER___6 23660 | 310.92 4.85 -262.35 | 263.52 5.58 -206.73 | 241.04 4.87 -190.65 | 230.53 5.03 -177.62 | 227.39 6.28 -158.95 | 237.51 6.13 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.13 14.53 -211.93 | 412.77 15.07 -264.31 | 395.13 14.20 -253.04 | 449.40 6.00 -392.08 | 452.73 6.02 -396.12 | 440.52 6.57 -378.21 | 440.44 6.89 -374.08 | 423.98 20.14 -215.73 | 438.86 26.99 -139.33 | 523.97 34.40 -89.61 | 492.79 32.29 -76.15 | 446.68 29.05 -87.55 | 394.69 27.67 -56.00 | 387.39 27.12 -80.65 | 370.92 23.04 -128.41 | 300.91 9.54 -191.04 |
| EAST RIVER___7 23524 | 310.92 4.85 -262.35 | 263.52 5.58 -206.73 | 241.04 4.87 -190.65 | 230.53 5.03 -177.62 | 227.39 6.28 -158.95 | 237.51 6.13 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.13 14.53 -211.93 | 412.77 15.07 -264.31 | 395.13 14.20 -253.04 | 449.40 6.00 -392.08 | 452.73 6.02 -396.12 | 440.52 6.57 -378.21 | 440.44 6.89 -374.08 | 423.98 20.14 -215.73 | 438.86 26.99 -139.33 | 523.97 34.40 -89.61 | 492.79 32.29 -76.15 | 446.68 29.05 -87.55 | 394.69 27.67 -56.00 | 387.39 27.12 -80.65 | 370.92 23.04 -128.41 | 300.91 9.54 -191.04 |
| EAST_HAMPTON___DIESEL 23722 | 313.66 7.56 -262.38 | 267.54 9.57 -206.75 | 243.94 7.74 -190.68 | 234.14 8.62 -177.64 | 231.57 10.44 -158.97 | 241.53 10.13 -173.50 | 275.63 11.08 -199.71 | 263.76 11.12 -188.39 | 308.72 21.87 -158.18 | 326.13 21.88 -170.86 | 335.75 20.08 -187.77 | 346.14 8.52 -286.30 | 339.65 8.40 -280.65 | 319.23 8.98 -254.51 | 319.40 9.70 -250.23 | 324.94 29.33 -107.50 | 340.05 39.50 -28.01 | 424.47 27.58 3.07 | 406.61 24.97 2.70 | 352.01 23.78 1.85 | 360.61 36.37 -13.21 | 340.99 38.31 -23.05 | 320.29 34.02 -66.79 | 267.75 14.24 -153.17 |
| EAST_RIVER___1 323558 | 311.00 4.94 -262.35 | 263.62 5.68 -206.72 | 241.09 4.92 -190.65 | 230.62 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.40 6.87 -199.69 | 269.75 7.01 -198.49 | 354.33 14.66 -211.00 | 410.97 15.20 -262.38 | 394.51 14.32 -252.29 | 449.45 6.05 -392.08 | 452.15 6.02 -395.54 | 439.20 6.63 -376.83 | 439.30 6.89 -372.94 | 423.98 20.14 -215.73 | 437.22 26.99 -137.69 | 521.75 34.40 -87.39 | 491.26 32.65 -74.26 | 444.96 29.37 -85.51 | 394.96 28.00 -55.93 | 386.86 27.12 -80.11 | 371.14 23.25 -128.41 | 301.00 9.63 -191.03 |
| EAST_RIVER___2 323559 | 310.92 4.85 -262.35 | 263.52 5.58 -206.73 | 241.04 4.87 -190.65 | 230.53 5.03 -177.62 | 227.39 6.28 -158.95 | 237.51 6.13 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.13 14.53 -211.93 | 412.77 15.07 -264.31 | 395.13 14.20 -253.04 | 449.40 6.00 -392.08 | 452.73 6.02 -396.12 | 440.52 6.57 -378.21 | 440.44 6.89 -374.08 | 423.98 20.14 -215.73 | 438.86 26.99 -139.33 | 523.97 34.40 -89.61 | 492.79 32.29 -76.15 | 446.68 29.05 -87.55 | 394.69 27.67 -56.00 | 387.39 27.12 -80.65 | 370.92 23.04 -128.41 | 300.91 9.54 -191.04 |
| EAST___DELAWARE_HYD 23607 | 271.72 1.88 -226.13 | 231.55 2.15 -178.19 | 211.72 1.87 -164.34 | 203.57 2.58 -153.10 | 201.59 2.42 -137.01 | 209.86 2.43 -149.53 | 239.03 2.07 -172.11 | 222.19 3.40 -154.53 | 260.72 7.46 -124.59 | 278.51 8.00 -137.12 | 270.38 7.42 -135.07 | 259.71 3.24 -205.15 | 251.19 3.24 -197.35 | 231.18 3.46 -171.98 | 219.45 3.69 -156.30 | 245.27 10.34 -46.83 | 278.37 8.17 2.34 | 390.95 -5.60 3.41 | 377.13 -4.22 3.00 | 325.87 -1.97 2.24 | 312.18 1.88 0.72 | 292.79 13.98 0.82 | 255.83 12.72 -23.64 | 207.38 4.52 -102.52 |
| ELEC_TRO_TEK 24086 | 310.99 4.89 -262.38 | 263.85 5.89 -206.75 | 241.12 4.92 -190.68 | 230.84 5.31 -177.65 | 227.60 6.46 -158.97 | 237.71 6.31 -173.50 | 271.29 6.74 -199.71 | 259.27 6.62 -188.39 | 300.48 13.63 -158.18 | 318.66 14.41 -170.87 | 329.24 13.55 -187.79 | 455.35 5.80 -398.23 | 410.76 5.82 -354.35 | 328.11 6.24 -266.12 | 316.15 6.42 -250.26 | 420.27 18.99 -213.17 | 344.68 23.99 -48.15 | 425.32 28.40 3.04 | 409.36 27.69 2.68 | 363.39 25.76 -7.55 | 401.44 24.89 -65.52 | 346.10 24.32 -42.15 | 347.28 21.94 -105.86 | 261.34 7.83 -153.17 |
| ELLENBURG_WT_PWR 323604 | 42.23 -1.49 0.00 | 49.37 -1.84 0.00 | 43.93 -1.59 0.00 | 46.21 -1.68 0.00 | 60.79 -1.37 0.00 | 55.93 -1.97 0.00 | 63.54 -1.30 0.00 | 62.90 -1.35 0.00 | 125.71 -2.95 0.00 | 130.72 -2.67 0.00 | 125.60 -2.30 0.00 | 49.88 -1.44 0.00 | 49.08 -1.52 0.00 | 54.18 -1.56 0.00 | 58.28 -1.19 0.00 | 187.17 -0.94 0.00 | 273.36 0.82 0.00 | 407.17 7.21 0.00 | 391.63 7.28 0.00 | 335.04 4.96 0.00 | 313.82 2.79 0.00 | 280.75 1.12 0.00 | 220.13 0.66 0.00 | 101.34 1.00 0.00 |
| EMPIRE_CC_1 323656 | 368.42 2.84 -321.87 | 308.22 3.38 -253.63 | 282.53 3.10 -233.91 | 268.96 3.16 -217.92 | 261.16 3.98 -195.02 | 274.62 3.88 -212.84 | 314.04 4.21 -244.99 | 288.32 4.05 -220.01 | 315.12 8.75 -177.70 | 337.82 8.94 -195.50 | 329.61 8.44 -193.27 | 349.33 3.49 -294.51 | 337.30 3.44 -283.26 | 306.37 3.79 -246.83 | 288.43 3.98 -224.98 | 269.95 12.22 -69.62 | 287.92 16.35 0.97 | 416.65 19.20 2.50 | 399.04 16.89 2.20 | 345.00 16.50 1.58 | 326.88 15.85 0.00 | 295.56 15.93 0.00 | 268.84 13.84 -35.53 | 253.60 6.12 -147.15 |
| EMPIRE_CC_2 323658 | 368.42 2.84 -321.87 | 308.22 3.38 -253.63 | 282.53 3.10 -233.91 | 268.96 3.16 -217.92 | 261.16 3.98 -195.02 | 274.62 3.88 -212.84 | 314.04 4.21 -244.99 | 288.32 4.05 -220.01 | 315.12 8.75 -177.70 | 337.82 8.94 -195.50 | 329.61 8.44 -193.27 | 349.33 3.49 -294.51 | 337.30 3.44 -283.26 | 306.37 3.79 -246.83 | 288.43 3.98 -224.98 | 269.95 12.22 -69.62 | 287.92 16.35 0.97 | 416.65 19.20 2.50 | 399.04 16.89 2.20 | 345.00 16.50 1.58 | 326.88 15.85 0.00 | 295.56 15.93 0.00 | 268.84 13.84 -35.53 | 253.60 6.12 -147.15 |
| ERIE_WT_PWR 323693 | 85.95 -0.79 -43.02 | 84.34 -0.77 -33.90 | 76.15 -0.64 -31.26 | 76.24 -0.77 -29.13 | 85.67 -2.55 -26.06 | 85.66 -0.69 -28.45 | 94.34 -3.24 -32.74 | 89.51 -4.43 -29.69 | 142.23 -10.42 -23.98 | 148.43 -11.34 -26.38 | 142.34 -11.64 -26.08 | 87.62 -3.44 -39.74 | 85.88 -2.94 -38.22 | 85.87 -3.18 -33.31 | 85.84 -3.98 -30.36 | 178.13 -19.37 -9.39 | 177.65 -34.89 60.01 | 195.27 -50.01 154.68 | 201.79 -46.52 136.04 | 190.42 -42.25 97.41 | 274.32 -36.70 0.00 | 249.98 -29.65 0.00 | 201.22 -23.04 -4.79 | 110.85 -9.33 -19.84 |
| E_CANADA_CAP_HY 24051 | 467.53 2.76 -421.06 | 386.18 3.18 -331.79 | 354.25 2.73 -306.00 | 335.84 2.87 -285.08 | 321.01 3.73 -255.12 | 340.15 3.82 -278.43 | 389.67 4.34 -320.48 | 383.00 3.60 -315.15 | 391.32 8.11 -254.54 | 422.50 9.07 -280.04 | 413.32 8.57 -276.85 | 476.73 3.54 -421.87 | 459.74 3.39 -405.76 | 412.99 3.68 -353.57 | 385.54 3.81 -322.26 | 298.73 10.91 -99.72 | 286.22 15.53 1.85 | 420.41 25.21 4.76 | 406.31 26.15 4.19 | 347.56 20.47 3.00 | 329.06 18.03 0.00 | 294.72 15.09 0.00 | 279.48 9.22 -50.79 | 315.01 4.31 -210.36 |
| E_CANADA_MHWK_HY 24050 | 41.46 4.07 6.32 | 51.10 4.87 4.98 | 45.26 4.33 4.59 | 48.11 4.50 4.28 | 64.12 5.78 3.83 | 59.34 5.61 4.18 | 66.32 6.29 4.81 | 66.22 6.36 4.40 | 138.49 13.38 3.55 | 144.15 14.67 3.91 | 138.48 14.45 3.87 | 51.07 5.65 5.89 | 50.29 5.36 5.67 | 56.66 5.85 4.94 | 61.68 6.72 4.50 | 208.90 22.19 1.39 | 306.05 33.51 0.00 | 452.34 52.38 0.00 | 436.21 51.87 0.00 | 372.68 42.60 0.00 | 347.40 36.37 0.00 | 310.67 31.04 0.00 | 240.28 21.52 0.72 | 107.40 10.03 2.97 |
| E_FISHKILL___LBMP 23776 | 314.12 4.02 -266.38 | 265.78 4.66 -209.91 | 243.16 4.05 -193.59 | 232.45 4.21 -180.36 | 228.84 5.28 -161.40 | 239.20 5.15 -176.15 | 273.10 5.51 -202.76 | 253.56 5.53 -183.78 | 290.09 11.71 -149.72 | 309.95 12.14 -164.43 | 304.86 11.52 -165.44 | 312.24 4.88 -256.05 | 301.49 4.86 -246.04 | 275.44 5.35 -214.35 | 263.04 5.53 -198.04 | 274.76 16.36 -70.29 | 298.81 21.27 -5.00 | 423.52 24.62 2.42 | 406.82 22.76 2.15 | 351.86 22.76 0.98 | 337.03 21.76 -4.24 | 305.66 21.24 -4.79 | 275.89 19.08 -37.33 | 235.67 7.83 -127.51 |
| FAR ROCKAWAY___4 23548 | 311.91 5.81 -262.38 | 264.98 7.02 -206.75 | 242.03 5.83 -190.68 | 231.85 6.32 -177.65 | 228.85 7.71 -158.98 | 238.87 7.47 -173.50 | 272.59 8.04 -199.71 | 260.55 7.90 -188.39 | 303.33 16.47 -158.19 | 321.59 17.33 -170.87 | 331.84 16.12 -187.83 | 620.64 6.88 -562.44 | 519.94 6.88 -462.46 | 346.32 7.41 -283.16 | 317.44 7.67 -250.30 | 579.23 22.94 -368.18 | 377.23 26.99 -77.70 | 430.13 33.18 3.01 | 414.35 32.65 2.64 | 381.13 29.72 -21.33 | 481.58 28.30 -142.26 | 377.23 27.42 -70.18 | 408.74 26.10 -163.17 | 263.35 9.84 -153.18 |

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| FARRAGUT___LBMP 323566 | 310.96 4.90 -262.35 | 263.57 5.63 -206.73 | 241.09 4.92 -190.65 | 230.57 5.07 -177.62 | 227.45 6.34 -158.95 | 237.63 6.26 -173.47 | 271.33 6.81 -199.69 | 269.69 6.94 -198.49 | 355.14 14.53 -211.94 | 412.78 15.07 -264.33 | 395.14 14.20 -253.04 | 449.40 6.00 -392.08 | 452.68 5.97 -396.12 | 440.48 6.52 -378.22 | 440.33 6.78 -374.09 | 423.77 19.93 -215.73 | 438.61 26.72 -139.34 | 523.19 33.60 -89.63 | 492.40 31.88 -76.17 | 446.70 29.05 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 370.92 23.04 -128.41 | 300.91 9.54 -191.04 |
| FENNER___WINDPWR 24204 | 59.45 0.48 -15.25 | 63.79 0.56 -12.02 | 57.06 0.46 -11.08 | 58.69 0.48 -10.33 | 71.96 0.56 -9.24 | 68.62 0.64 -10.08 | 76.96 0.52 -11.61 | 75.41 0.64 -10.51 | 138.31 1.16 -8.49 | 144.06 1.33 -9.34 | 138.28 1.15 -9.23 | 66.16 0.77 -14.07 | 64.73 0.61 -13.53 | 68.20 0.67 -11.79 | 70.80 0.59 -10.75 | 191.81 0.38 -3.32 | 272.54 0.00 0.00 | 400.76 0.80 0.00 | 385.89 1.54 0.00 | 330.08 0.00 0.00 | 310.71 -0.31 0.00 | 279.63 0.00 0.00 | 220.73 -0.44 -1.69 | 107.15 -0.20 -7.01 |
| FIBERTEK___ENERGY 23856 | 68.66 -0.22 -25.17 | 70.73 -0.31 -19.83 | 63.54 -0.27 -18.29 | 64.64 -0.29 -17.04 | 76.79 -0.62 -15.25 | 74.20 -0.35 -16.64 | 82.95 -1.04 -19.15 | 80.66 -0.96 -17.36 | 140.38 -2.31 -14.02 | 146.55 -2.27 -15.43 | 140.85 -2.30 -15.25 | 74.00 -0.56 -23.24 | 72.34 -0.60 -22.35 | 74.61 -0.61 -19.48 | 76.39 -0.83 -17.75 | 189.28 -4.32 -5.49 | 266.15 -7.35 -0.96 | 392.03 -10.40 -2.47 | 377.29 -9.23 -2.17 | 322.40 -9.24 -1.56 | 302.64 -8.38 0.00 | 272.36 -7.27 0.00 | 215.90 -6.37 -2.80 | 109.13 -2.81 -11.60 |
| FITZPATRICK____ 23598 | 57.87 -1.44 -15.59 | 61.85 -1.64 -12.29 | 55.39 -1.46 -11.33 | 56.86 -1.58 -10.56 | 69.37 -2.24 -9.45 | 66.30 -1.91 -10.31 | 74.31 -2.40 -11.87 | 72.57 -2.44 -10.75 | 132.20 -5.15 -8.69 | 137.60 -5.34 -9.56 | 132.10 -5.25 -9.45 | 63.92 -1.80 -14.40 | 62.62 -1.82 -13.85 | 65.80 -2.00 -12.07 | 68.20 -2.26 -11.00 | 183.24 -8.27 -3.40 | 260.53 -12.80 -0.80 | 383.23 -18.79 -2.06 | 368.48 -17.67 -1.81 | 315.54 -15.84 -1.30 | 296.41 -14.61 0.00 | 266.77 -12.86 0.00 | 210.90 -10.31 -1.74 | 103.01 -4.51 -7.19 |
| FORT ORANGE____ 23900 | 372.74 2.97 -326.05 | 311.62 3.48 -256.93 | 285.57 3.10 -236.95 | 271.85 3.21 -220.76 | 263.75 4.04 -197.55 | 277.45 3.94 -215.61 | 317.29 4.28 -248.17 | 290.69 3.79 -222.64 | 316.60 8.11 -179.83 | 339.64 8.41 -197.84 | 331.42 7.93 -195.59 | 352.65 3.29 -298.04 | 340.54 3.29 -286.66 | 309.15 3.62 -249.79 | 290.95 3.81 -227.67 | 270.03 11.48 -70.45 | 286.84 15.25 0.96 | 413.51 16.01 2.47 | 395.99 13.82 2.17 | 342.39 13.86 1.55 | 324.09 13.06 0.00 | 295.00 15.37 0.00 | 268.58 13.17 -35.94 | 255.32 6.12 -148.86 |
| FORT_DRUM_COGEN 23780 | 53.24 -0.17 -9.70 | 58.60 -0.25 -7.65 | 52.26 -0.32 -7.05 | 53.97 -0.48 -6.57 | 68.85 0.81 -5.88 | 63.97 -0.35 -6.42 | 72.94 0.71 -7.39 | 71.96 1.02 -6.68 | 133.93 -0.13 -5.39 | 140.13 0.81 -5.93 | 134.41 0.64 -5.87 | 60.62 0.36 -8.94 | 58.59 -0.60 -8.60 | 62.57 -0.67 -7.49 | 65.46 -0.83 -6.83 | 186.26 -3.96 -2.11 | 270.65 -1.89 0.00 | 402.37 2.41 0.00 | 387.80 3.45 0.00 | 330.08 0.00 0.00 | 309.17 -1.86 0.00 | 278.52 -1.11 0.00 | 217.92 -2.62 -1.07 | 103.78 -1.00 -4.45 |
| FPL_FAR_ROCK_GT1 24212 | 311.91 5.81 -262.38 | 264.98 7.02 -206.75 | 242.03 5.83 -190.68 | 231.85 6.32 -177.65 | 228.85 7.71 -158.98 | 238.87 7.47 -173.50 | 272.59 8.04 -199.71 | 260.55 7.90 -188.39 | 303.33 16.47 -158.19 | 321.59 17.33 -170.87 | 331.84 16.12 -187.83 | 620.64 6.88 -562.44 | 519.94 6.88 -462.46 | 346.32 7.41 -283.16 | 317.44 7.67 -250.30 | 579.23 22.94 -368.18 | 377.23 26.99 -77.70 | 430.13 33.18 3.01 | 414.35 32.65 2.64 | 381.13 29.72 -21.33 | 481.58 28.30 -142.26 | 377.23 27.42 -70.18 | 408.74 26.10 -163.17 | 263.35 9.84 -153.18 |
| FPL_FAR_ROCK_GT2 23815 | 311.91 5.81 -262.38 | 264.98 7.02 -206.75 | 242.03 5.83 -190.68 | 231.85 6.32 -177.65 | 228.85 7.71 -158.98 | 238.87 7.47 -173.50 | 272.59 8.04 -199.71 | 260.55 7.90 -188.39 | 303.33 16.47 -158.19 | 321.59 17.33 -170.87 | 331.84 16.12 -187.83 | 620.64 6.88 -562.44 | 519.94 6.88 -462.46 | 346.32 7.41 -283.16 | 317.44 7.67 -250.30 | 579.23 22.94 -368.18 | 377.23 26.99 -77.70 | 430.13 33.18 3.01 | 414.35 32.65 2.64 | 381.13 29.72 -21.33 | 481.58 28.30 -142.26 | 377.23 27.42 -70.18 | 408.74 26.10 -163.17 | 263.35 9.84 -153.18 |
| FRANKLIN_FALL_HYD 24054 | 41.57 -2.14 0.00 | 48.60 -2.61 0.00 | 43.25 -2.27 0.00 | 45.44 -2.44 0.00 | 61.23 -0.93 0.00 | 55.18 -2.72 0.00 | 63.99 -0.84 0.00 | 63.23 -1.03 0.00 | 125.71 -2.95 0.00 | 130.99 -2.40 0.00 | 125.85 -2.05 0.00 | 49.73 -1.59 0.00 | 48.07 -2.53 0.00 | 53.07 -2.67 0.00 | 57.02 -2.44 0.00 | 183.22 -4.89 0.00 | 272.00 -0.54 0.00 | 406.75 6.79 0.00 | 391.27 6.93 0.00 | 334.06 3.98 0.00 | 312.27 1.25 0.00 | 280.19 0.56 0.00 | 219.47 0.00 0.00 | 101.44 1.11 0.00 |
| FREEPORT_EQUS_GT1 23764 | 311.52 5.42 -262.38 | 264.47 6.50 -206.75 | 241.61 5.41 -190.68 | 231.42 5.89 -177.64 | 228.28 7.15 -158.97 | 238.35 6.95 -173.50 | 272.00 7.45 -199.71 | 259.97 7.32 -188.39 | 301.90 15.05 -158.18 | 320.12 15.87 -170.86 | 330.64 14.96 -187.79 | 436.04 6.36 -378.36 | 398.24 6.37 -341.27 | 326.66 6.85 -264.06 | 316.79 7.07 -250.26 | 403.58 21.06 -194.41 | 344.37 27.25 -44.58 | 430.09 33.18 3.05 | 413.55 31.88 2.68 | 365.33 29.37 -5.88 | 395.85 28.60 -56.23 | 346.08 27.69 -38.76 | 342.54 24.14 -98.92 | 262.43 8.93 -153.17 |
| FREEPORT___CT2 23818 | 311.52 5.42 -262.38 | 264.47 6.50 -206.75 | 241.61 5.41 -190.68 | 231.42 5.89 -177.64 | 228.28 7.15 -158.97 | 238.35 6.95 -173.50 | 272.00 7.45 -199.71 | 259.97 7.32 -188.39 | 301.90 15.05 -158.18 | 320.12 15.87 -170.86 | 330.64 14.96 -187.79 | 436.04 6.36 -378.36 | 398.24 6.37 -341.27 | 326.66 6.85 -264.06 | 316.79 7.07 -250.26 | 403.58 21.06 -194.41 | 344.37 27.25 -44.58 | 430.09 33.18 3.05 | 413.55 31.88 2.68 | 365.33 29.37 -5.88 | 395.85 28.60 -56.23 | 346.08 27.69 -38.76 | 342.54 24.14 -98.92 | 262.43 8.93 -153.17 |
| FULTON COGEN____ 23766 | 63.05 -0.52 -19.85 | 66.24 -0.61 -15.64 | 59.40 -0.54 -14.43 | 60.70 -0.62 -13.44 | 73.19 -1.00 -12.03 | 70.28 -0.75 -13.13 | 78.72 -1.23 -15.11 | 76.80 -1.15 -13.69 | 137.15 -2.57 -11.06 | 143.02 -2.54 -12.17 | 137.37 -2.56 -12.03 | 68.93 -0.72 -18.33 | 67.47 -0.76 -17.63 | 70.27 -0.83 -15.36 | 72.46 -1.01 -14.00 | 187.75 -4.70 -4.33 | 264.91 -7.63 0.00 | 389.18 -10.78 0.00 | 374.35 -10.00 0.00 | 320.50 -9.58 0.00 | 302.00 -9.03 0.00 | 271.80 -7.83 0.00 | 215.10 -6.58 -2.21 | 106.57 -2.91 -9.15 |
| FULTON___LFGE 323630 | 449.80 6.64 -399.45 | 373.65 7.68 -314.76 | 342.55 6.74 -290.29 | 325.42 7.09 -270.45 | 313.33 9.14 -242.02 | 331.07 9.03 -264.14 | 379.32 10.44 -304.03 | 320.69 10.28 -246.15 | 348.97 21.49 -198.81 | 375.19 23.08 -218.73 | 366.39 22.25 -216.24 | 389.71 8.88 -329.51 | 376.32 8.80 -316.92 | 341.55 9.64 -276.16 | 321.34 10.17 -251.71 | 297.41 31.41 -77.89 | 317.22 45.51 0.83 | 467.02 69.20 2.14 | 449.33 66.87 1.88 | 385.52 56.79 1.35 | 363.60 52.58 0.00 | 326.60 46.96 0.00 | 293.55 34.46 -39.62 | 281.09 16.66 -164.10 |
| G.F.CEMENT___DRP 24184 | 382.95 3.59 -335.65 | 319.64 3.94 -264.49 | 293.09 3.64 -243.93 | 278.77 3.64 -227.25 | 270.19 4.66 -203.37 | 284.49 4.63 -221.95 | 325.56 5.25 -255.47 | 298.32 5.02 -229.05 | 324.73 11.07 -185.00 | 348.39 11.47 -203.53 | 339.35 10.24 -201.21 | 361.94 4.01 -306.61 | 349.29 3.80 -294.90 | 316.95 4.23 -256.97 | 298.20 4.52 -234.22 | 274.87 14.29 -72.48 | 291.25 19.63 0.92 | 422.79 25.21 2.38 | 403.38 21.13 2.09 | 349.06 20.47 1.50 | 330.63 19.61 0.00 | 298.66 19.02 0.00 | 272.63 15.58 -37.58 | 262.99 7.02 -155.63 |
| GARDENVILLE___LBMP 24039 | 85.72 -0.96 -42.96 | 84.09 -0.97 -33.86 | 75.93 -0.82 -31.22 | 76.01 -0.96 -29.09 | 85.46 -2.73 -26.03 | 85.38 -0.93 -28.41 | 94.10 -3.44 -32.70 | 89.22 -4.69 -29.65 | 141.68 -10.94 -23.95 | 147.99 -11.74 -26.35 | 141.79 -12.15 -26.05 | 87.37 -3.64 -39.69 | 85.58 -3.19 -38.17 | 85.55 -3.46 -33.26 | 85.56 -4.22 -30.32 | 177.37 -20.12 -9.38 | 176.00 -35.69 60.84 | 191.53 -51.59 156.83 | 198.35 -48.06 137.94 | 187.74 -43.58 98.76 | 272.76 -38.27 0.00 | 248.87 -30.76 0.00 | 200.55 -23.71 -4.78 | 110.52 -9.63 -19.82 |
| GENERAL___MILLS 23808 | 85.90 -0.83 -43.02 | 84.29 -0.82 -33.90 | 76.10 -0.68 -31.26 | 76.24 -0.77 -29.13 | 85.67 -2.55 -26.06 | 85.59 -0.75 -28.45 | 94.34 -3.24 -32.74 | 89.44 -4.50 -29.69 | 142.10 -10.55 -23.98 | 148.43 -11.34 -26.38 | 142.21 -11.76 -26.08 | 87.57 -3.49 -39.74 | 85.83 -2.99 -38.22 | 85.81 -3.23 -33.31 | 85.84 -3.98 -30.36 | 177.93 -19.57 -9.39 | 177.65 -34.89 60.01 | 195.27 -50.01 154.68 | 201.40 -46.90 136.04 | 190.10 -42.58 97.41 | 274.01 -37.02 0.00 | 249.72 -29.92 0.00 | 201.22 -23.04 -4.79 | 110.85 -9.33 -19.84 |

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|--------------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| GE_PLASTICS___DRP 24183 | 375.80 2.14 -329.94 | 313.71 2.51 -259.99 | 287.53 2.23 -239.78 | 273.62 2.35 -223.39 | 264.99 2.92 -199.91 | 278.92 2.84 -218.18 | 319.02 3.05 -251.13 | 292.34 2.76 -225.32 | 316.58 5.92 -181.99 | 339.75 6.14 -200.22 | 331.73 5.89 -197.94 | 355.41 2.46 -301.63 | 343.13 2.43 -290.11 | 311.21 2.68 -252.80 | 292.67 2.80 -230.41 | 267.67 8.27 -71.30 | 282.21 10.62 0.94 | 409.13 11.61 2.43 | 392.59 10.38 2.14 | 338.79 10.24 1.53 | 320.98 9.95 0.00 | 290.25 10.62 0.00 | 265.47 9.65 -36.35 | 255.21 4.31 -150.56 |
| GILBOA___1 23756 | 301.36 2.36 -255.28 | 255.13 2.76 -201.16 | 233.50 2.46 -185.52 | 223.45 2.73 -172.84 | 220.19 3.35 -154.67 | 229.84 3.12 -168.81 | 262.38 3.24 -194.31 | 242.27 3.21 -174.80 | 276.67 6.81 -141.19 | 295.65 6.93 -155.33 | 287.98 6.52 -153.56 | 288.14 2.82 -234.00 | 278.44 2.78 -225.06 | 254.92 3.06 -196.12 | 241.42 3.21 -178.75 | 252.64 9.22 -55.31 | 282.81 11.71 1.44 | 409.03 12.80 3.72 | 393.00 11.93 3.27 | 339.28 11.55 2.34 | 322.54 11.51 0.00 | 291.37 11.74 0.00 | 258.22 10.53 -28.21 | 221.60 4.41 -116.85 |
| GILBOA___2 23757 | 301.36 2.36 -255.28 | 255.13 2.76 -201.16 | 233.50 2.46 -185.52 | 223.45 2.73 -172.84 | 220.19 3.35 -154.67 | 229.84 3.12 -168.81 | 262.38 3.24 -194.31 | 242.27 3.21 -174.80 | 276.67 6.81 -141.19 | 295.65 6.93 -155.33 | 287.98 6.52 -153.56 | 288.14 2.82 -234.00 | 278.44 2.78 -225.06 | 254.92 3.06 -196.12 | 241.42 3.21 -178.75 | 252.64 9.22 -55.31 | 282.81 11.71 1.44 | 409.03 12.80 3.72 | 393.00 11.93 3.27 | 339.28 11.55 2.34 | 322.54 11.51 0.00 | 291.37 11.74 0.00 | 258.22 10.53 -28.21 | 221.60 4.41 -116.85 |
| GILBOA___3 23758 | 301.36 2.36 -255.28 | 255.13 2.76 -201.16 | 233.50 2.46 -185.52 | 223.45 2.73 -172.84 | 220.19 3.35 -154.67 | 229.84 3.12 -168.81 | 262.38 3.24 -194.31 | 242.27 3.21 -174.80 | 276.67 6.81 -141.19 | 295.65 6.93 -155.33 | 287.98 6.52 -153.56 | 288.14 2.82 -234.00 | 278.44 2.78 -225.06 | 254.92 3.06 -196.12 | 241.42 3.21 -178.75 | 252.64 9.22 -55.31 | 282.81 11.71 1.44 | 409.03 12.80 3.72 | 393.00 11.93 3.27 | 339.28 11.55 2.34 | 322.54 11.51 0.00 | 291.37 11.74 0.00 | 258.22 10.53 -28.21 | 221.60 4.41 -116.85 |
| GILBOA___4 23759 | 301.36 2.36 -255.28 | 255.13 2.76 -201.16 | 233.50 2.46 -185.52 | 223.45 2.73 -172.84 | 220.19 3.35 -154.67 | 229.84 3.12 -168.81 | 262.38 3.24 -194.31 | 242.27 3.21 -174.80 | 276.67 6.81 -141.19 | 295.65 6.93 -155.33 | 287.98 6.52 -153.56 | 288.14 2.82 -234.00 | 278.44 2.78 -225.06 | 254.92 3.06 -196.12 | 241.42 3.21 -178.75 | 252.64 9.22 -55.31 | 282.81 11.71 1.44 | 409.03 12.80 3.72 | 393.00 11.93 3.27 | 339.28 11.55 2.34 | 322.54 11.51 0.00 | 291.37 11.74 0.00 | 258.22 10.53 -28.21 | 221.60 4.41 -116.85 |
| GILBOA____ 23599 | 301.36 2.36 -255.28 | 255.13 2.76 -201.16 | 233.50 2.46 -185.52 | 223.45 2.73 -172.84 | 220.19 3.35 -154.67 | 229.84 3.12 -168.81 | 262.38 3.24 -194.31 | 242.27 3.21 -174.80 | 276.67 6.81 -141.19 | 295.65 6.93 -155.33 | 287.98 6.52 -153.56 | 288.14 2.82 -234.00 | 278.44 2.78 -225.06 | 254.92 3.06 -196.12 | 241.42 3.21 -178.75 | 252.64 9.22 -55.31 | 282.81 11.71 1.44 | 409.03 12.80 3.72 | 393.00 11.93 3.27 | 339.28 11.55 2.34 | 322.54 11.51 0.00 | 291.37 11.74 0.00 | 258.22 10.53 -28.21 | 221.60 4.41 -116.85 |
| GINNA____ 23603 | 71.54 -2.71 -30.54 | 72.10 -3.18 -24.06 | 64.89 -2.82 -22.19 | 65.54 -3.02 -20.67 | 76.13 -4.54 -18.50 | 74.56 -3.53 -20.19 | 83.35 -4.73 -23.24 | 80.19 -5.14 -21.07 | 134.88 -10.81 -17.02 | 140.91 -11.20 -18.73 | 135.15 -11.26 -18.51 | 75.58 -3.95 -28.21 | 73.88 -3.85 -27.13 | 75.15 -4.24 -23.64 | 76.20 -4.81 -21.55 | 176.72 -18.06 -6.67 | 172.34 -28.90 71.30 | 374.22 -40.80 -15.06 | 359.94 -37.65 -13.24 | 304.57 -35.00 -9.48 | 279.00 -32.03 0.00 | 251.94 -27.69 0.00 | 200.49 -22.39 -3.40 | 104.79 -9.63 -14.08 |
| GLEN PARK____ 23778 | 54.21 0.18 -10.32 | 59.49 0.15 -8.13 | 53.06 0.05 -7.50 | 54.77 -0.10 -6.98 | 69.59 1.18 -6.25 | 64.84 0.12 -6.82 | 73.79 1.10 -7.85 | 72.90 1.54 -7.10 | 135.43 1.02 -5.73 | 141.70 2.00 -6.31 | 136.06 1.92 -6.24 | 61.75 0.92 -9.50 | 59.69 -0.05 -9.14 | 63.71 0.00 -7.97 | 66.55 -0.18 -7.26 | 188.29 -2.07 -2.25 | 272.81 0.27 0.00 | 405.97 6.01 0.00 | 391.27 6.93 0.00 | 333.04 2.96 0.00 | 311.96 0.94 0.00 | 280.75 1.12 0.00 | 219.74 -0.87 -1.14 | 104.77 -0.30 -4.74 |
| GLENWOOD_IC_1_G5 23712 | 311.17 5.07 -262.38 | 264.00 6.04 -206.75 | 241.30 5.10 -190.68 | 230.98 5.46 -177.64 | 227.85 6.72 -158.97 | 237.94 6.54 -173.50 | 271.62 7.07 -199.71 | 259.65 7.01 -188.39 | 301.51 14.66 -158.18 | 319.58 15.33 -170.86 | 330.38 14.70 -187.78 | 404.70 6.21 -347.17 | 377.50 6.17 -320.73 | 323.31 6.74 -260.82 | 316.67 6.95 -250.25 | 373.76 20.69 -164.96 | 338.49 26.99 -38.96 | 430.51 33.60 3.05 | 413.95 32.29 2.69 | 362.71 29.37 -3.26 | 380.98 28.30 -41.66 | 340.49 27.42 -33.44 | 331.44 23.93 -88.04 | 262.64 9.13 -153.17 |
| GLENWOOD_IC_2_G1 23688 | 310.95 4.85 -262.38 | 263.65 5.68 -206.75 | 241.02 4.82 -190.68 | 230.65 5.13 -177.64 | 227.48 6.34 -158.97 | 237.60 6.20 -173.50 | 271.23 6.68 -199.71 | 259.33 6.68 -188.39 | 300.88 14.03 -158.18 | 318.92 14.67 -170.86 | 329.62 13.94 -187.78 | 368.33 5.85 -311.16 | 353.43 5.82 -297.02 | 319.24 6.41 -257.09 | 316.36 6.66 -250.24 | 338.64 19.56 -130.97 | 330.63 25.61 -32.48 | 428.11 31.22 3.06 | 411.65 30.00 2.69 | 357.70 27.38 -0.24 | 362.28 26.42 -24.83 | 332.63 25.71 -27.29 | 317.55 22.61 -75.47 | 262.23 8.72 -153.17 |
| GLENWOOD_IC_3_G1 23689 | 310.95 4.85 -262.38 | 263.65 5.68 -206.75 | 241.02 4.82 -190.68 | 230.65 5.13 -177.64 | 227.48 6.34 -158.97 | 237.60 6.20 -173.50 | 271.23 6.68 -199.71 | 259.33 6.68 -188.39 | 300.88 14.03 -158.18 | 318.92 14.67 -170.86 | 329.62 13.94 -187.78 | 368.33 5.85 -311.16 | 353.43 5.82 -297.02 | 319.24 6.41 -257.09 | 316.36 6.66 -250.24 | 338.64 19.56 -130.97 | 330.63 25.61 -32.48 | 428.11 31.22 3.06 | 411.65 30.00 2.69 | 357.70 27.38 -0.24 | 362.28 26.42 -24.83 | 332.63 25.71 -27.29 | 317.55 22.61 -75.47 | 262.23 8.72 -153.17 |
| GLENWOOD___4 23550 | 311.17 5.07 -262.38 | 264.00 6.04 -206.75 | 241.30 5.10 -190.68 | 230.98 5.46 -177.64 | 227.85 6.72 -158.97 | 237.94 6.54 -173.50 | 271.62 7.07 -199.71 | 259.65 7.01 -188.39 | 301.51 14.66 -158.18 | 319.58 15.33 -170.86 | 330.38 14.70 -187.78 | 404.75 6.21 -347.22 | 377.53 6.17 -320.77 | 323.31 6.74 -260.83 | 316.67 6.95 -250.25 | 373.81 20.69 -165.01 | 338.50 26.99 -38.97 | 430.51 33.60 3.05 | 413.95 32.29 2.69 | 362.72 29.37 -3.27 | 381.01 28.30 -41.68 | 340.50 27.42 -33.45 | 331.46 23.93 -88.06 | 262.64 9.13 -153.17 |
| GLENWOOD___5 23614 | 311.17 5.07 -262.38 | 264.00 6.04 -206.75 | 241.30 5.10 -190.68 | 230.98 5.46 -177.64 | 227.85 6.72 -158.97 | 237.94 6.54 -173.50 | 271.62 7.07 -199.71 | 259.65 7.01 -188.39 | 301.51 14.66 -158.18 | 319.58 15.33 -170.86 | 330.38 14.70 -187.78 | 404.75 6.21 -347.22 | 377.53 6.17 -320.77 | 323.31 6.74 -260.83 | 316.67 6.95 -250.25 | 373.81 20.69 -165.01 | 338.50 26.99 -38.97 | 430.51 33.60 3.05 | 413.95 32.29 2.69 | 362.72 29.37 -3.27 | 381.01 28.30 -41.68 | 340.50 27.42 -33.45 | 331.46 23.93 -88.06 | 262.64 9.13 -153.17 |
| GLOBAL GREEN_PORT_GT1 23814 | 314.31 8.22 -262.38 | 268.31 10.35 -206.75 | 244.57 8.38 -190.68 | 234.82 9.29 -177.64 | 232.45 11.32 -158.97 | 242.41 11.00 -173.50 | 276.48 11.93 -199.71 | 264.66 12.01 -188.39 | 310.77 23.93 -158.18 | 328.25 24.00 -170.86 | 337.67 22.01 -187.77 | 346.91 9.29 -286.30 | 340.41 9.16 -280.66 | 320.06 9.81 -254.51 | 320.28 10.58 -250.23 | 327.77 32.16 -107.50 | 344.14 43.60 -28.01 | 428.48 31.59 3.07 | 410.09 28.44 2.70 | 354.96 26.72 1.85 | 366.21 41.97 -13.21 | 345.17 42.49 -23.05 | 323.58 37.31 -66.80 | 269.15 15.65 -153.17 |
| GLOBE___DSASP 323697 | 81.99 -1.75 -40.03 | 80.81 -1.95 -31.54 | 72.97 -1.64 -29.09 | 73.17 -1.82 -27.10 | 82.56 -3.85 -24.25 | 82.34 -2.03 -26.47 | 90.44 -4.86 -30.47 | 85.07 -6.81 -27.62 | 135.53 -15.44 -22.31 | 141.39 -16.54 -24.55 | 135.42 -16.75 -24.27 | 82.81 -5.49 -36.98 | 81.10 -5.06 -35.57 | 81.21 -5.52 -30.99 | 81.29 -6.42 -28.25 | 170.51 -26.34 -8.74 | 163.08 -47.15 62.31 | 169.75 -69.61 160.60 | 176.60 -66.49 141.25 | 170.85 -58.10 101.14 | 261.89 -49.13 0.00 | 239.64 -40.00 0.00 | 194.30 -29.63 -4.46 | 107.06 -11.74 -18.46 |
| GOETHSLN___LBMP 323567 | 310.88 4.81 -262.35 | 263.52 5.58 -206.73 | 240.99 4.82 -190.65 | 230.53 5.03 -177.62 | 227.39 6.28 -158.95 | 237.51 6.13 -173.47 | 271.21 6.68 -199.69 | 269.63 6.88 -198.49 | 355.27 14.66 -211.94 | 412.65 14.94 -264.33 | 394.76 13.82 -253.04 | 404.93 5.80 -347.82 | 381.30 5.77 -324.94 | 377.63 6.35 -315.53 | 376.24 6.60 -310.18 | 399.83 18.81 -192.91 | 369.64 25.61 -71.48 | 521.97 32.38 -89.63 | 541.45 30.76 -126.34 | 404.85 27.73 -47.04 | 393.15 26.13 -56.00 | 386.29 26.01 -80.65 | 370.49 22.61 -128.41 | 300.80 9.43 -191.04 |

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|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| GOODYEAR_LAKE_HYD 323669 | 121.40 2.67 -75.02 | 113.45 3.12 -59.11 | 102.72 2.69 -54.52 | 101.55 2.87 -50.79 | 111.16 3.54 -45.45 | 111.10 3.59 -49.61 | 125.70 3.76 -57.10 | 127.25 3.73 -59.27 | 184.39 7.85 -47.87 | 194.33 8.27 -52.67 | 187.64 7.67 -52.07 | 134.00 3.33 -79.34 | 130.15 3.24 -76.31 | 125.75 3.51 -66.50 | 123.70 3.63 -60.61 | 216.64 9.78 -18.75 | 282.42 12.81 2.93 | 410.42 18.01 7.56 | 395.77 18.07 6.65 | 340.19 14.87 4.76 | 324.69 13.67 0.00 | 292.50 12.87 0.00 | 238.67 9.65 -9.55 | 144.00 4.12 -39.55 |
| GOUDEY___7 23579 | 129.10 1.09 -84.29 | 118.96 1.33 -66.42 | 107.96 1.18 -61.26 | 106.20 1.24 -57.07 | 114.36 1.12 -51.07 | 115.21 1.56 -55.74 | 130.03 1.03 -64.16 | 123.49 0.97 -58.26 | 177.39 1.67 -47.06 | 186.77 1.61 -51.77 | 180.36 1.28 -51.18 | 130.29 0.97 -77.99 | 126.62 1.01 -75.02 | 122.22 1.11 -65.37 | 119.94 0.89 -59.58 | 206.92 0.38 -18.44 | 263.36 -1.89 7.29 | 377.97 -3.21 18.78 | 365.92 -1.91 16.52 | 315.28 -2.98 11.83 | 308.22 -2.80 0.00 | 278.52 -1.11 0.00 | 228.00 -0.87 -9.40 | 138.98 -0.30 -38.94 |
| GOUDEY___8 23580 | 129.06 1.05 -84.29 | 118.91 1.28 -66.42 | 107.92 1.14 -61.26 | 106.15 1.20 -57.07 | 114.29 1.06 -51.07 | 115.15 1.50 -55.74 | 130.03 1.03 -64.16 | 123.42 0.90 -58.26 | 177.27 1.55 -47.06 | 186.63 1.47 -51.77 | 180.23 1.15 -51.18 | 130.24 0.92 -77.99 | 126.57 0.96 -75.02 | 122.17 1.06 -65.37 | 119.88 0.83 -59.58 | 206.73 0.19 -18.44 | 263.06 -2.19 7.29 | 377.57 -3.61 18.78 | 365.54 -2.29 16.52 | 314.95 -3.30 11.83 | 307.92 -3.11 0.00 | 278.24 -1.39 0.00 | 227.78 -1.09 -9.40 | 138.88 -0.40 -38.94 |
| GOWANUS_GT1_1 24077 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT1_2 24078 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT1_3 24079 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT1_4 24080 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT1_5 24084 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT1_6 24111 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT1_7 24112 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT1_8 24113 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT2_1 24114 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT2_2 24115 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT2_3 24116 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT2_4 24117 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT2_5 24118 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |

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|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| GOWANUS_GT2_6 24119 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT2_7 24120 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT2_8 24121 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT3_1 24122 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT3_2 24123 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT3_3 24124 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT3_4 24125 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT3_5 24126 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT3_6 24127 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT3_7 24128 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT3_8 24129 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT4_1 24130 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT4_2 24131 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT4_3 24132 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT4_4 24133 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT4_5 24134 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |

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|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| GOWANUS_GT4_6 24135 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT4_7 24136 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GOWANUS_GT4_8 24137 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| GREENIDGE___3 23582 | 94.20 0.57 -49.92 | 91.21 0.66 -39.34 | 82.39 0.59 -36.28 | 82.26 0.58 -33.80 | 92.47 0.06 -30.25 | 91.78 0.87 -33.01 | 102.96 0.13 -37.99 | 98.66 -0.06 -34.47 | 155.86 -0.64 -27.84 | 163.22 -0.80 -30.63 | 157.02 -1.15 -30.28 | 97.61 0.15 -46.14 | 95.17 0.20 -44.38 | 94.63 0.22 -38.67 | 94.59 -0.12 -35.24 | 195.06 -3.96 -10.91 | 262.43 -8.45 1.66 | 384.49 -11.20 4.27 | 371.77 -8.82 3.75 | 316.82 -10.58 2.69 | 301.06 -9.97 0.00 | 271.80 -7.83 0.00 | 218.00 -7.03 -5.56 | 120.46 -2.91 -23.04 |
| GREENIDGE___4 23583 | 94.20 0.57 -49.92 | 91.21 0.66 -39.34 | 82.39 0.59 -36.28 | 82.26 0.58 -33.80 | 92.47 0.06 -30.25 | 91.78 0.87 -33.01 | 102.96 0.13 -37.99 | 98.66 -0.06 -34.47 | 155.86 -0.64 -27.84 | 163.22 -0.80 -30.63 | 157.02 -1.15 -30.28 | 97.61 0.15 -46.14 | 95.17 0.20 -44.38 | 94.63 0.22 -38.67 | 94.59 -0.12 -35.24 | 195.06 -3.96 -10.91 | 262.43 -8.45 1.66 | 384.49 -11.20 4.27 | 371.77 -8.82 3.75 | 316.82 -10.58 2.69 | 301.06 -9.97 0.00 | 271.80 -7.83 0.00 | 218.00 -7.03 -5.56 | 120.46 -2.91 -23.04 |
| GROVEVILLE___HYD 323602 | 315.79 4.59 -267.48 | 267.31 5.33 -210.77 | 244.56 4.65 -194.39 | 233.77 4.79 -181.10 | 230.38 6.16 -162.07 | 240.74 5.97 -176.88 | 274.59 6.16 -203.59 | 253.95 6.30 -183.40 | 290.52 13.38 -148.47 | 310.66 14.00 -163.27 | 303.26 13.18 -162.19 | 305.12 5.59 -248.20 | 294.82 5.57 -238.66 | 269.77 6.08 -207.95 | 256.15 6.42 -190.26 | 268.22 18.81 -61.30 | 298.09 25.06 -0.49 | 429.12 32.01 2.85 | 412.95 31.12 2.51 | 356.82 28.39 1.65 | 338.92 26.75 -1.14 | 306.63 25.71 -1.29 | 273.54 22.40 -31.67 | 233.23 9.03 -123.86 |
| HAMPSHIRE___PAPER_HYD 323593 | 40.79 -2.93 0.00 | 47.68 -3.53 0.00 | 42.33 -3.19 0.00 | 44.39 -3.49 0.00 | 61.60 -0.56 0.00 | 53.96 -3.94 0.00 | 63.80 -1.04 0.00 | 63.23 -1.03 0.00 | 124.29 -4.38 0.00 | 129.65 -3.73 0.00 | 124.32 -3.58 0.00 | 49.27 -2.05 0.00 | 46.29 -4.30 0.00 | 51.06 0.00 0.00 | 54.41 -5.05 0.00 | 172.50 -15.61 0.00 | 263.55 -8.99 0.00 | 392.35 -7.61 0.00 | 377.81 -6.54 0.00 | 321.84 -8.24 0.00 | 301.06 -9.97 0.00 | 272.36 -7.27 0.00 | 213.56 -5.92 0.00 | 98.43 -1.91 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 40.24 2.84 6.32 | 49.66 3.43 4.98 | 43.93 3.00 4.59 | 46.72 3.11 4.28 | 62.37 4.04 3.83 | 57.66 3.94 4.18 | 64.44 4.41 4.81 | 64.42 4.56 4.40 | 134.88 9.77 3.55 | 140.42 10.94 3.91 | 134.78 10.74 3.87 | 49.64 4.21 5.89 | 48.88 3.95 5.67 | 55.10 4.29 4.94 | 60.02 5.05 4.50 | 203.83 17.12 1.39 | 298.97 26.43 0.00 | 441.55 41.59 0.00 | 425.87 41.52 0.00 | 364.09 34.01 0.00 | 339.32 28.30 0.00 | 303.12 23.49 0.00 | 234.57 15.81 0.72 | 104.69 7.32 2.97 |
| HARZA MOOSE___RIVER 24016 | 43.50 -0.22 0.00 | 50.90 -0.31 0.00 | 45.20 -0.32 0.00 | 47.50 -0.38 0.00 | 62.60 0.44 0.00 | 57.61 -0.29 0.00 | 65.23 0.39 0.00 | 64.83 0.58 0.00 | 129.05 0.39 0.00 | 134.33 0.94 0.00 | 128.80 0.90 0.00 | 51.73 0.41 0.00 | 50.34 -0.25 0.00 | 55.46 -0.28 0.00 | 59.05 -0.41 0.00 | 186.04 -2.07 0.00 | 272.00 -0.54 0.00 | 401.57 1.61 0.00 | 386.67 2.32 0.00 | 330.41 0.33 0.00 | 310.40 -0.62 0.00 | 279.63 0.00 0.00 | 218.60 -0.87 0.00 | 100.14 -0.20 0.00 |
| HEMPSTEAD___ 23647 | 311.30 5.20 -262.38 | 264.21 6.25 -206.75 | 241.39 5.19 -190.68 | 231.17 5.65 -177.64 | 228.03 6.90 -158.97 | 238.06 6.66 -173.50 | 271.75 7.20 -199.71 | 259.78 7.13 -188.39 | 301.51 14.66 -158.18 | 319.72 15.47 -170.86 | 330.38 14.70 -187.78 | 410.92 6.26 -353.34 | 381.66 6.27 -324.79 | 323.95 6.74 -261.46 | 316.67 6.95 -250.25 | 379.58 20.69 -170.78 | 339.34 26.72 -40.07 | 429.29 32.38 3.05 | 412.78 31.12 2.69 | 362.57 28.70 -3.78 | 383.57 28.00 -44.54 | 341.24 27.12 -34.49 | 333.37 23.71 -90.19 | 262.23 8.72 -153.17 |
| HICKLING___1 23621 | 109.60 1.40 -64.49 | 103.71 1.69 -50.82 | 93.94 1.55 -46.87 | 93.12 1.58 -43.66 | 102.41 1.18 -39.07 | 102.63 2.08 -42.64 | 115.09 1.17 -49.09 | 109.68 0.90 -44.52 | 165.78 1.16 -35.96 | 173.89 0.94 -39.56 | 167.39 0.38 -39.11 | 111.79 0.87 -59.60 | 108.87 0.96 -57.32 | 106.75 1.06 -49.95 | 105.71 0.72 -45.53 | 200.13 -2.07 -14.09 | 258.61 -6.54 7.38 | 371.74 -9.18 19.03 | 361.07 -6.54 16.74 | 309.20 -8.90 11.99 | 302.94 -8.09 0.00 | 274.31 -5.32 0.00 | 221.83 -4.83 -7.18 | 128.39 -1.71 -29.76 |
| HICKLING___2 23622 | 109.60 1.40 -64.49 | 103.71 1.69 -50.82 | 93.94 1.55 -46.87 | 93.12 1.58 -43.66 | 102.41 1.18 -39.07 | 102.63 2.08 -42.64 | 115.09 1.17 -49.09 | 109.68 0.90 -44.52 | 165.78 1.16 -35.96 | 173.89 0.94 -39.56 | 167.39 0.38 -39.11 | 111.79 0.87 -59.60 | 108.87 0.96 -57.32 | 106.75 1.06 -49.95 | 105.71 0.72 -45.53 | 200.13 -2.07 -14.09 | 258.61 -6.54 7.38 | 371.74 -9.18 19.03 | 361.07 -6.54 16.74 | 309.20 -8.90 11.99 | 302.94 -8.09 0.00 | 274.31 -5.32 0.00 | 221.83 -4.83 -7.18 | 128.39 -1.71 -29.76 |
| HIGH FALLS___HY 23754 | 310.07 4.68 -261.68 | 262.89 5.48 -206.20 | 240.57 4.87 -190.17 | 229.94 4.89 -177.17 | 227.12 6.40 -158.55 | 237.14 6.20 -173.04 | 269.39 5.38 -199.17 | 249.43 6.17 -179.01 | 286.24 12.99 -144.58 | 306.45 14.00 -159.06 | 298.06 12.91 -157.25 | 296.49 5.54 -239.62 | 286.63 5.57 -230.47 | 262.59 6.02 -200.83 | 249.00 6.48 -183.05 | 263.74 18.99 -56.64 | 296.42 25.06 1.18 | 427.30 30.38 3.04 | 413.55 31.88 2.68 | 358.87 30.70 1.92 | 339.96 28.93 0.00 | 308.71 29.08 0.00 | 273.81 25.45 -28.89 | 229.43 9.43 -119.67 |
| HILLBURN___GT 23639 | 299.45 4.46 -251.27 | 254.38 5.17 -198.00 | 232.64 4.51 -182.61 | 222.65 4.64 -170.13 | 220.25 5.84 -152.25 | 229.79 5.73 -166.16 | 262.19 6.09 -191.25 | 239.88 6.23 -169.39 | 276.55 13.26 -134.63 | 295.73 13.74 -148.60 | 282.93 13.05 -141.98 | 266.48 5.54 -209.62 | 258.10 5.52 -201.99 | 237.86 6.02 -176.10 | 221.64 6.24 -155.94 | 239.03 18.06 -32.86 | 284.75 23.99 11.78 | 425.77 30.01 4.20 | 410.28 29.60 3.66 | 352.58 26.07 3.57 | 328.67 24.89 7.25 | 295.76 24.32 8.18 | 254.59 20.86 -14.25 | 214.01 8.32 -105.35 |
| HISHELDN_WT_PWR 323625 | 89.27 -0.65 -46.21 | 87.01 -0.61 -36.41 | 78.56 -0.54 -33.58 | 78.54 -0.62 -31.28 | 87.98 -2.18 -28.00 | 87.88 -0.58 -30.55 | 97.29 -2.72 -35.17 | 92.36 -3.79 -31.89 | 145.41 -9.01 -25.76 | 151.99 -9.73 -28.34 | 145.81 -10.11 -28.01 | 91.03 -2.98 -42.69 | 89.07 -2.58 -41.06 | 88.73 -2.79 -35.78 | 88.57 -3.51 -32.61 | 180.90 -17.30 -10.09 | 252.52 -31.08 -11.05 | 383.66 -44.79 -28.49 | 367.88 -41.52 -25.06 | 310.07 -37.95 -17.94 | 277.75 -33.27 0.00 | 252.79 -26.85 0.00 | 203.76 -20.85 -5.15 | 113.22 -8.43 -21.31 |
| HOLTSVILLE_IC_1 23690 | 311.12 5.03 -262.38 | 264.16 6.19 -206.75 | 241.16 4.96 -190.68 | 231.03 5.50 -177.64 | 227.72 6.59 -158.97 | 237.83 6.43 -173.50 | 271.55 7.00 -199.71 | 259.45 6.81 -188.39 | 300.35 13.51 -158.18 | 317.72 13.47 -170.86 | 327.82 12.16 -187.77 | 342.56 5.24 -286.00 | 336.27 5.21 -280.46 | 315.79 5.57 -254.48 | 315.59 5.89 -250.23 | 312.82 17.50 -107.22 | 322.56 22.07 -27.95 | 414.91 18.01 3.07 | 397.79 16.14 2.70 | 345.36 17.15 1.87 | 344.30 20.21 -13.07 | 323.03 20.40 -23.00 | 306.58 20.41 -66.69 | 261.34 7.83 -153.17 |

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| HOLTSVILLE_IC_10 23699 | 311.52 5.42 -262.38 | 264.62 6.65 -206.75 | 241.57 5.37 -190.68 | 231.46 5.94 -177.64 | 228.28 7.15 -158.97 | 238.35 6.95 -173.50 | 272.13 7.58 -199.71 | 260.03 7.39 -188.39 | 301.64 14.79 -158.18 | 319.05 14.80 -170.86 | 329.09 13.43 -187.77 | 344.36 5.65 -287.39 | 337.59 5.62 -281.38 | 316.55 6.19 -254.62 | 316.24 6.54 -250.23 | 316.20 19.56 -108.53 | 325.80 25.06 -28.20 | 417.68 20.78 3.07 | 400.47 18.83 2.70 | 347.46 19.14 1.75 | 346.51 21.76 -13.72 | 325.51 22.64 -23.24 | 309.26 22.61 -67.18 | 262.23 8.72 -153.17 |
| HOLTSVILLE_IC_2 23691 | 311.12 5.03 -262.38 | 264.16 6.19 -206.75 | 241.16 4.96 -190.68 | 231.03 5.50 -177.64 | 227.72 6.59 -158.97 | 237.83 6.43 -173.50 | 271.55 7.00 -199.71 | 259.45 6.81 -188.39 | 300.35 13.51 -158.18 | 317.72 13.47 -170.86 | 327.82 12.16 -187.77 | 342.56 5.24 -286.00 | 336.27 5.21 -280.46 | 315.79 5.57 -254.48 | 315.59 5.89 -250.23 | 312.82 17.50 -107.22 | 322.56 22.07 -27.95 | 414.91 18.01 3.07 | 397.79 16.14 2.70 | 345.36 17.15 1.87 | 344.30 20.21 -13.07 | 323.03 20.40 -23.00 | 306.58 20.41 -66.69 | 261.34 7.83 -153.17 |
| HOLTSVILLE_IC_3 23692 | 311.12 5.03 -262.38 | 264.16 6.19 -206.75 | 241.16 4.96 -190.68 | 231.03 5.50 -177.64 | 227.72 6.59 -158.97 | 237.83 6.43 -173.50 | 271.55 7.00 -199.71 | 259.45 6.81 -188.39 | 300.35 13.51 -158.18 | 317.72 13.47 -170.86 | 327.82 12.16 -187.77 | 342.56 5.24 -286.00 | 336.27 5.21 -280.46 | 315.79 5.57 -254.48 | 315.59 5.89 -250.23 | 312.82 17.50 -107.22 | 322.56 22.07 -27.95 | 414.91 18.01 3.07 | 397.79 16.14 2.70 | 345.36 17.15 1.87 | 344.30 20.21 -13.07 | 323.03 20.40 -23.00 | 306.58 20.41 -66.69 | 261.34 7.83 -153.17 |
| HOLTSVILLE_IC_4 23693 | 311.12 5.03 -262.38 | 264.16 6.19 -206.75 | 241.16 4.96 -190.68 | 231.03 5.50 -177.64 | 227.72 6.59 -158.97 | 237.83 6.43 -173.50 | 271.55 7.00 -199.71 | 259.45 6.81 -188.39 | 300.35 13.51 -158.18 | 317.72 13.47 -170.86 | 327.82 12.16 -187.77 | 342.56 5.24 -286.00 | 336.27 5.21 -280.46 | 315.79 5.57 -254.48 | 315.59 5.89 -250.23 | 312.82 17.50 -107.22 | 322.56 22.07 -27.95 | 414.91 18.01 3.07 | 397.79 16.14 2.70 | 345.36 17.15 1.87 | 344.30 20.21 -13.07 | 323.03 20.40 -23.00 | 306.58 20.41 -66.69 | 261.34 7.83 -153.17 |
| HOLTSVILLE_IC_5 23694 | 311.12 5.03 -262.38 | 264.16 6.19 -206.75 | 241.16 4.96 -190.68 | 231.03 5.50 -177.64 | 227.72 6.59 -158.97 | 237.83 6.43 -173.50 | 271.55 7.00 -199.71 | 259.45 6.81 -188.39 | 300.35 13.51 -158.18 | 317.72 13.47 -170.86 | 327.82 12.16 -187.77 | 342.56 5.24 -286.00 | 336.27 5.21 -280.46 | 315.79 5.57 -254.48 | 315.59 5.89 -250.23 | 312.82 17.50 -107.22 | 322.56 22.07 -27.95 | 414.91 18.01 3.07 | 397.79 16.14 2.70 | 345.36 17.15 1.87 | 344.30 20.21 -13.07 | 323.03 20.40 -23.00 | 306.58 20.41 -66.69 | 261.34 7.83 -153.17 |
| HOLTSVILLE_IC_6 23695 | 311.52 5.42 -262.38 | 264.62 6.65 -206.75 | 241.57 5.37 -190.68 | 231.46 5.94 -177.64 | 228.28 7.15 -158.97 | 238.35 6.95 -173.50 | 272.13 7.58 -199.71 | 260.03 7.39 -188.39 | 301.64 14.79 -158.18 | 319.05 14.80 -170.86 | 329.09 13.43 -187.77 | 344.36 5.65 -287.39 | 337.59 5.62 -281.38 | 316.55 6.19 -254.62 | 316.24 6.54 -250.23 | 316.20 19.56 -108.53 | 325.80 25.06 -28.20 | 417.68 20.78 3.07 | 400.47 18.83 2.70 | 347.46 19.14 1.75 | 346.51 21.76 -13.72 | 325.51 22.64 -23.24 | 309.26 22.61 -67.18 | 262.23 8.72 -153.17 |
| HOLTSVILLE_IC_7 23696 | 311.52 5.42 -262.38 | 264.62 6.65 -206.75 | 241.57 5.37 -190.68 | 231.46 5.94 -177.64 | 228.28 7.15 -158.97 | 238.35 6.95 -173.50 | 272.13 7.58 -199.71 | 260.03 7.39 -188.39 | 301.64 14.79 -158.18 | 319.05 14.80 -170.86 | 329.09 13.43 -187.77 | 344.36 5.65 -287.39 | 337.59 5.62 -281.38 | 316.55 6.19 -254.62 | 316.24 6.54 -250.23 | 316.20 19.56 -108.53 | 325.80 25.06 -28.20 | 417.68 20.78 3.07 | 400.47 18.83 2.70 | 347.46 19.14 1.75 | 346.51 21.76 -13.72 | 325.51 22.64 -23.24 | 309.26 22.61 -67.18 | 262.23 8.72 -153.17 |
| HOLTSVILLE_IC_8 23697 | 311.52 5.42 -262.38 | 264.62 6.65 -206.75 | 241.57 5.37 -190.68 | 231.46 5.94 -177.64 | 228.28 7.15 -158.97 | 238.35 6.95 -173.50 | 272.13 7.58 -199.71 | 260.03 7.39 -188.39 | 301.64 14.79 -158.18 | 319.05 14.80 -170.86 | 329.09 13.43 -187.77 | 344.36 5.65 -287.39 | 337.59 5.62 -281.38 | 316.55 6.19 -254.62 | 316.24 6.54 -250.23 | 316.20 19.56 -108.53 | 325.80 25.06 -28.20 | 417.68 20.78 3.07 | 400.47 18.83 2.70 | 347.46 19.14 1.75 | 346.51 21.76 -13.72 | 325.51 22.64 -23.24 | 309.26 22.61 -67.18 | 262.23 8.72 -153.17 |
| HOLTSVILLE_IC_9 23698 | 311.52 5.42 -262.38 | 264.62 6.65 -206.75 | 241.57 5.37 -190.68 | 231.46 5.94 -177.64 | 228.28 7.15 -158.97 | 238.35 6.95 -173.50 | 272.13 7.58 -199.71 | 260.03 7.39 -188.39 | 301.64 14.79 -158.18 | 319.05 14.80 -170.86 | 329.09 13.43 -187.77 | 344.36 5.65 -287.39 | 337.59 5.62 -281.38 | 316.55 6.19 -254.62 | 316.24 6.54 -250.23 | 316.20 19.56 -108.53 | 325.80 25.06 -28.20 | 417.68 20.78 3.07 | 400.47 18.83 2.70 | 347.46 19.14 1.75 | 346.51 21.76 -13.72 | 325.51 22.64 -23.24 | 309.26 22.61 -67.18 | 262.23 8.72 -153.17 |
| HOWARD_WT_PWR 323690 | 99.05 0.92 -54.42 | 95.12 1.02 -42.88 | 86.03 0.96 -39.55 | 85.64 0.91 -36.85 | 95.26 0.12 -32.97 | 95.22 1.33 -35.99 | 106.26 0.00 -41.42 | 101.38 -0.45 -37.57 | 157.34 -1.68 -30.35 | 164.91 -1.87 -33.39 | 158.47 -2.43 -33.01 | 101.51 -0.10 -50.30 | 99.07 0.10 -48.37 | 98.06 0.17 -42.15 | 97.47 -0.41 -38.42 | 192.85 -7.15 -11.89 | 257.51 -13.89 1.14 | 377.82 -19.19 2.95 | 364.85 -16.90 2.59 | 309.42 -18.80 1.86 | 293.31 -17.72 0.00 | 265.38 -14.25 0.00 | 213.25 -12.29 -6.06 | 120.43 -5.01 -25.11 |
| HQ_GEN_CEDARS 23644 | 37.25 -6.47 0.00 | 43.47 -7.73 0.00 | 38.60 -6.92 0.00 | 40.51 -7.37 0.00 | 61.10 -1.06 0.00 | 49.27 -8.63 0.00 | 62.96 -1.88 0.00 | 62.07 -2.18 0.00 | 121.20 -7.47 0.00 | 126.59 -6.80 0.00 | 121.63 -6.26 0.00 | 47.06 -4.26 0.00 | 41.59 -9.00 0.00 | 45.87 -9.87 0.00 | 49.12 -10.35 0.00 | 157.26 -30.85 0.00 | 259.19 -13.35 0.00 | 387.56 -12.40 0.00 | 373.19 -11.16 0.00 | 317.87 -12.21 0.00 | 296.72 -14.30 0.00 | 269.01 -10.63 0.00 | 211.58 -7.89 0.00 | 98.13 -2.21 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 37.25 -6.47 0.00 | 43.47 -7.73 0.00 | 38.60 -6.92 0.00 | 40.51 -7.37 0.00 | 61.10 -1.06 0.00 | 47.86 -8.63 1.42 | 49.56 -1.88 13.39 | 76.88 -2.18 -14.81 | 121.20 -7.47 0.00 | 126.59 -6.80 0.00 | 135.69 -6.26 -14.06 | 33.00 -4.26 14.06 | 41.59 -9.00 0.00 | 45.87 -9.87 0.00 | 49.12 -10.35 0.00 | 134.02 -30.85 23.24 | 282.43 -13.35 -23.24 | 387.56 -12.40 0.00 | 373.19 -11.16 0.00 | 317.87 -12.21 0.00 | 296.72 -14.30 0.00 | 269.01 -10.63 0.00 | 211.58 -7.89 0.00 | 98.13 -2.21 0.00 |
| HQ_GEN_IMPORT 323601 | 42.75 -0.96 0.00 | 50.03 -1.18 0.00 | 44.52 -1.00 0.00 | 46.83 -1.05 0.00 | 61.04 -1.12 0.00 | 55.16 -1.33 1.42 | 50.41 -1.04 13.39 | 78.10 -0.96 -14.81 | 126.48 -2.19 0.00 | 131.12 -2.27 0.00 | 140.04 -1.91 -14.06 | 36.13 -1.13 14.06 | 49.48 -1.11 0.00 | 54.52 -1.23 0.00 | 23.25 -1.13 35.08 | 23.25 -1.88 162.98 | 469.51 -1.09 -198.06 | 400.76 0.80 0.00 | 385.12 0.77 0.00 | 330.41 0.33 0.00 | 311.02 0.00 0.00 | 278.52 -1.11 0.00 | 218.16 -1.31 0.00 | 99.94 -0.40 0.00 |
| HQ_GEN_WHEEL 23651 | 42.75 -0.96 0.00 | 50.03 -1.18 0.00 | 44.52 -1.00 0.00 | 46.83 -1.05 0.00 | 61.04 -1.12 0.00 | 55.16 -1.33 1.42 | 50.41 -1.04 13.39 | 78.10 -0.96 -14.81 | 126.48 -2.19 0.00 | 131.12 -2.27 0.00 | 140.04 -1.91 -14.06 | 36.13 -1.13 14.06 | 49.48 -1.11 0.00 | 54.52 -1.23 0.00 | 23.25 -1.13 35.08 | 23.25 -1.88 162.98 | 469.51 -1.09 -198.06 | 400.76 0.80 0.00 | 385.12 0.77 0.00 | 330.41 0.33 0.00 | 311.02 0.00 0.00 | 278.52 -1.11 0.00 | 218.16 -1.31 0.00 | 99.94 -0.40 0.00 |
| HUDSON_AVE_GT_3 23810 | 311.05 4.98 -262.35 | 263.72 5.78 -206.73 | 241.18 5.01 -190.65 | 230.67 5.17 -177.62 | 227.58 6.46 -158.95 | 237.75 6.37 -173.47 | 271.47 6.94 -199.69 | 269.82 7.07 -198.49 | 355.39 14.79 -211.94 | 413.05 15.33 -264.33 | 395.51 14.57 -253.04 | 449.50 6.10 -392.08 | 452.73 6.02 -396.12 | 440.59 6.63 -378.22 | 440.45 6.89 -374.09 | 424.16 20.32 -215.73 | 438.87 26.99 -139.34 | 523.99 34.40 -89.63 | 493.16 32.65 -76.17 | 447.01 29.37 -87.56 | 395.62 28.60 -56.00 | 387.97 27.69 -80.65 | 371.59 23.71 -128.41 | 301.21 9.84 -191.04 |
| HUDSON_AVE_GT_4 23540 | 311.05 4.98 -262.35 | 263.72 5.78 -206.73 | 241.18 5.01 -190.65 | 230.67 5.17 -177.62 | 227.58 6.46 -158.95 | 237.75 6.37 -173.47 | 271.47 6.94 -199.69 | 269.82 7.07 -198.49 | 355.39 14.79 -211.94 | 413.05 15.33 -264.33 | 395.51 14.57 -253.04 | 449.50 6.10 -392.08 | 452.73 6.02 -396.12 | 440.59 6.63 -378.22 | 440.45 6.89 -374.09 | 424.16 20.32 -215.73 | 438.87 26.99 -139.34 | 523.99 34.40 -89.63 | 493.16 32.65 -76.17 | 447.01 29.37 -87.56 | 395.62 28.60 -56.00 | 387.97 27.69 -80.65 | 371.59 23.71 -128.41 | 301.21 9.84 -191.04 |

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|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| HUDSON_AVE_GT_5 23657 | 311.05 4.98 -262.35 | 263.72 5.78 -206.73 | 241.18 5.01 -190.65 | 230.67 5.17 -177.62 | 227.58 6.46 -158.95 | 237.75 6.37 -173.47 | 271.47 6.94 -199.69 | 269.82 7.07 -198.49 | 355.39 14.79 -211.94 | 413.05 15.33 -264.33 | 395.51 14.57 -253.04 | 449.50 6.10 -392.08 | 452.73 6.02 -396.12 | 440.59 6.63 -378.22 | 440.45 6.89 -374.09 | 424.16 20.32 -215.73 | 438.87 26.99 -139.34 | 523.99 34.40 -89.63 | 493.16 32.65 -76.17 | 447.01 29.37 -87.56 | 395.62 28.60 -56.00 | 387.97 27.69 -80.65 | 371.59 23.71 -128.41 | 301.21 9.84 -191.04 |
| HUDSON_AVE_10 24168 | 310.96 4.90 -262.35 | 263.62 5.68 -206.73 | 241.09 4.92 -190.65 | 230.63 5.13 -177.62 | 227.51 6.40 -158.95 | 237.63 6.26 -173.47 | 271.40 6.87 -199.69 | 269.69 6.94 -198.49 | 355.14 14.53 -211.94 | 412.65 14.94 -264.33 | 395.26 14.32 -253.04 | 449.45 6.05 -392.08 | 452.58 5.87 -396.12 | 440.42 6.46 -378.22 | 440.39 6.84 -374.09 | 423.59 19.75 -215.73 | 437.50 25.61 -139.34 | 521.97 32.38 -89.63 | 491.63 31.12 -76.17 | 446.03 28.39 -87.56 | 394.70 27.67 -56.00 | 387.13 26.85 -80.65 | 371.14 23.25 -128.41 | 301.01 9.63 -191.04 |
| HUNTER MOUNT___DRP 323613 | 333.62 3.63 -286.28 | 281.04 4.25 -225.58 | 257.39 3.82 -208.05 | 245.54 3.83 -193.83 | 240.65 5.03 -173.45 | 252.13 4.92 -189.31 | 287.53 4.80 -217.90 | 264.87 4.88 -195.73 | 297.31 10.55 -158.09 | 318.38 11.07 -173.92 | 310.33 10.49 -171.94 | 317.69 4.36 -262.01 | 306.95 4.35 -252.00 | 280.07 4.74 -219.59 | 264.73 5.11 -200.15 | 265.27 15.23 -61.93 | 292.43 20.99 1.10 | 424.33 27.21 2.84 | 408.35 26.50 2.50 | 353.37 25.07 1.79 | 334.36 23.34 0.00 | 301.72 22.09 0.00 | 269.94 18.88 -31.59 | 238.79 7.62 -130.83 |
| HUNTINGTON_RES_REC 323705 | 311.17 5.07 -262.38 | 264.11 6.14 -206.75 | 241.21 5.01 -190.68 | 231.03 5.50 -177.64 | 227.72 6.59 -158.97 | 237.83 6.43 -173.50 | 271.55 7.00 -199.71 | 259.45 6.81 -188.39 | 300.88 14.03 -158.18 | 318.92 14.67 -170.86 | 329.36 13.69 -187.77 | 344.80 5.90 -287.58 | 337.96 5.87 -281.50 | 316.68 6.30 -254.64 | 316.24 6.54 -250.23 | 316.38 19.56 -108.71 | 325.58 24.80 -28.24 | 422.10 25.21 3.07 | 406.27 24.62 2.70 | 353.11 24.77 1.74 | 350.02 25.18 -13.81 | 327.22 24.32 -23.27 | 308.87 22.16 -67.24 | 261.54 8.03 -153.17 |
| HUNTLEY___63 23557 | 83.34 -0.96 -40.59 | 82.22 -0.97 -31.98 | 74.20 -0.82 -29.50 | 74.41 -0.96 -27.48 | 83.89 -2.86 -24.59 | 83.81 -0.93 -26.84 | 91.77 -3.96 -30.89 | 86.74 -5.53 -28.01 | 138.55 -12.74 -22.62 | 144.67 -13.61 -24.89 | 138.57 -13.94 -24.61 | 84.55 -4.26 -37.49 | 82.96 -3.69 -36.06 | 83.15 -4.01 -31.42 | 83.23 -4.87 -28.64 | 174.39 -22.58 -8.86 | 170.15 -40.33 62.05 | 181.60 -58.41 159.95 | 188.33 -55.34 140.68 | 180.17 -49.18 100.73 | 269.03 -42.00 0.00 | 245.51 -34.13 0.00 | 198.09 -25.90 -4.52 | 108.62 -10.44 -18.72 |
| HUNTLEY___64 23558 | 83.34 -0.96 -40.59 | 82.22 -0.97 -31.98 | 74.20 -0.82 -29.50 | 74.41 -0.96 -27.48 | 83.89 -2.86 -24.59 | 83.81 -0.93 -26.84 | 91.77 -3.96 -30.89 | 86.74 -5.53 -28.01 | 138.55 -12.74 -22.62 | 144.67 -13.61 -24.89 | 138.57 -13.94 -24.61 | 84.55 -4.26 -37.49 | 82.96 -3.69 -36.06 | 83.15 -4.01 -31.42 | 83.23 -4.87 -28.64 | 174.39 -22.58 -8.86 | 170.15 -40.33 62.05 | 181.60 -58.41 159.95 | 188.33 -55.34 140.68 | 180.17 -49.18 100.73 | 269.03 -42.00 0.00 | 245.51 -34.13 0.00 | 198.09 -25.90 -4.52 | 108.62 -10.44 -18.72 |
| HUNTLEY___65 23559 | 83.34 -0.96 -40.59 | 82.22 -0.97 -31.98 | 74.20 -0.82 -29.50 | 74.41 -0.96 -27.48 | 83.89 -2.86 -24.59 | 83.81 -0.93 -26.84 | 91.77 -3.96 -30.89 | 86.74 -5.53 -28.01 | 138.55 -12.74 -22.62 | 144.67 -13.61 -24.89 | 138.57 -13.94 -24.61 | 84.55 -4.26 -37.49 | 82.96 -3.69 -36.06 | 83.15 -4.01 -31.42 | 83.23 -4.87 -28.64 | 174.39 -22.58 -8.86 | 170.15 -40.33 62.05 | 181.60 -58.41 159.95 | 188.33 -55.34 140.68 | 180.17 -49.18 100.73 | 269.03 -42.00 0.00 | 245.51 -34.13 0.00 | 198.09 -25.90 -4.52 | 108.62 -10.44 -18.72 |
| HUNTLEY___66 23560 | 83.34 -0.96 -40.59 | 82.22 -0.97 -31.98 | 74.20 -0.82 -29.50 | 74.41 -0.96 -27.48 | 83.89 -2.86 -24.59 | 83.81 -0.93 -26.84 | 91.77 -3.96 -30.89 | 86.74 -5.53 -28.01 | 138.55 -12.74 -22.62 | 144.67 -13.61 -24.89 | 138.57 -13.94 -24.61 | 84.55 -4.26 -37.49 | 82.96 -3.69 -36.06 | 83.15 -4.01 -31.42 | 83.23 -4.87 -28.64 | 174.39 -22.58 -8.86 | 170.15 -40.33 62.05 | 181.60 -58.41 159.95 | 188.33 -55.34 140.68 | 180.17 -49.18 100.73 | 269.03 -42.00 0.00 | 245.51 -34.13 0.00 | 198.09 -25.90 -4.52 | 108.62 -10.44 -18.72 |
| HUNTLEY___67 23561 | 83.04 -1.66 -40.98 | 81.71 -1.79 -32.30 | 73.76 -1.55 -29.79 | 73.91 -1.72 -27.75 | 83.33 -3.67 -24.83 | 83.15 -1.86 -27.10 | 91.62 -4.41 -31.20 | 86.69 -5.85 -28.28 | 138.26 -13.25 -22.84 | 144.25 -14.27 -25.13 | 138.29 -14.45 -24.85 | 84.56 -4.62 -37.86 | 82.81 -4.20 -36.42 | 82.90 -4.57 -31.73 | 82.98 -5.41 -28.92 | 173.73 -23.33 -8.95 | 169.90 -40.89 61.75 | 181.60 -59.19 159.17 | 188.23 -56.13 139.99 | 179.68 -50.16 100.24 | 267.48 -43.55 0.00 | 244.11 -35.52 0.00 | 196.81 -27.22 -4.56 | 108.20 -11.04 -18.90 |
| HUNTLEY___68 23562 | 83.04 -1.66 -40.98 | 81.71 -1.79 -32.30 | 73.76 -1.55 -29.79 | 73.91 -1.72 -27.75 | 83.33 -3.67 -24.83 | 83.15 -1.86 -27.10 | 91.62 -4.41 -31.20 | 86.69 -5.85 -28.28 | 138.26 -13.25 -22.84 | 144.25 -14.27 -25.13 | 138.29 -14.45 -24.85 | 84.56 -4.62 -37.86 | 82.81 -4.20 -36.42 | 82.90 -4.57 -31.73 | 82.98 -5.41 -28.92 | 173.73 -23.33 -8.95 | 169.90 -40.89 61.75 | 181.60 -59.19 159.17 | 188.23 -56.13 139.99 | 179.68 -50.16 100.24 | 267.48 -43.55 0.00 | 244.11 -35.52 0.00 | 196.81 -27.22 -4.56 | 108.20 -11.04 -18.90 |
| HYLAND___LFGE 323620 | 87.68 -0.74 -44.70 | 83.72 -2.72 -35.23 | 75.59 -2.41 -32.49 | 75.95 -2.20 -30.27 | 84.96 -4.29 -27.09 | 84.51 -2.95 -29.56 | 94.58 -4.28 -34.03 | 90.49 -4.63 -30.86 | 143.80 -9.78 -24.92 | 151.07 -9.73 -27.42 | 144.90 -10.11 -27.11 | 89.34 -3.29 -41.31 | 87.14 -3.19 -39.73 | 86.79 -3.57 -34.62 | 86.74 -4.28 -31.55 | 180.00 -17.87 -9.76 | 169.32 -29.44 73.78 | 368.63 -39.99 -8.66 | 355.82 -36.14 -7.62 | 300.54 -35.00 -5.45 | 279.00 -32.03 0.00 | 251.67 -27.96 0.00 | 200.75 -23.71 -4.98 | 110.52 -10.44 -20.62 |
| INDECK___CORINTH 23802 | 382.49 2.45 -336.33 | 318.69 2.46 -265.03 | 292.22 2.28 -244.42 | 277.85 2.25 -227.72 | 268.87 2.92 -203.78 | 283.26 2.95 -222.40 | 324.27 3.43 -255.99 | 297.03 3.28 -229.50 | 321.62 7.59 -185.37 | 345.19 7.87 -203.93 | 336.67 7.16 -201.61 | 361.26 2.72 -307.22 | 348.61 2.53 -295.48 | 316.01 2.79 -257.48 | 297.12 2.97 -234.68 | 270.32 9.59 -72.62 | 284.70 13.08 0.92 | 413.60 16.01 2.37 | 394.19 11.93 2.08 | 341.13 12.54 1.49 | 323.48 12.45 0.00 | 291.65 12.02 0.00 | 267.57 10.32 -37.78 | 261.34 4.52 -156.48 |
| INDECK___ILION 23567 | 42.03 4.63 6.32 | 51.76 5.53 4.98 | 45.85 4.92 4.59 | 48.68 5.07 4.28 | 64.86 6.53 3.83 | 60.04 6.31 4.18 | 67.10 7.07 4.81 | 67.05 7.20 4.40 | 140.16 15.05 3.55 | 146.01 16.54 3.91 | 140.28 16.24 3.87 | 51.84 6.41 5.89 | 51.05 6.12 5.67 | 57.43 6.63 4.94 | 62.52 7.55 4.50 | 211.54 24.83 1.39 | 309.60 37.06 0.00 | 457.93 57.97 0.00 | 441.98 57.63 0.00 | 377.28 47.20 0.00 | 351.44 40.42 0.00 | 314.30 34.67 0.00 | 243.12 24.36 0.72 | 108.60 11.24 2.97 |
| INDECK___OLEAN 23982 | 89.67 0.74 -45.22 | 87.91 1.08 -35.63 | 79.34 0.96 -32.86 | 79.45 0.96 -30.61 | 88.75 -0.81 -27.40 | 89.42 1.62 -29.90 | 98.15 -1.10 -34.41 | 94.18 -1.28 -31.20 | 148.85 -5.02 -25.20 | 155.77 -5.34 -27.73 | 149.17 -6.14 -27.41 | 92.48 -0.61 -41.77 | 91.07 0.31 -40.17 | 91.09 0.34 -35.01 | 90.89 -0.48 -31.91 | 184.81 -13.17 -9.87 | 192.15 -23.99 56.40 | 222.97 -31.60 145.38 | 229.20 -27.28 127.87 | 211.13 -27.39 91.55 | 285.84 -25.18 0.00 | 259.78 -19.85 0.00 | 207.39 -17.12 -5.04 | 113.66 -7.53 -20.85 |
| INDECK___OSWEGO 23783 | 61.76 -1.05 -19.10 | 65.03 -1.23 -15.05 | 58.30 -1.09 -13.88 | 59.62 -1.20 -12.93 | 72.06 -1.68 -11.57 | 69.08 -1.45 -12.63 | 76.98 -2.40 -14.53 | 75.05 -2.38 -13.17 | 134.15 -5.15 -10.64 | 139.75 -5.34 -11.70 | 134.35 -5.12 -11.57 | 67.20 -1.75 -17.63 | 65.78 -1.77 -16.96 | 68.56 -1.95 -14.78 | 70.73 -2.20 -13.47 | 183.63 -8.65 -4.17 | 259.46 -13.08 0.00 | 381.17 -18.79 0.00 | 367.06 -17.29 0.00 | 314.24 -15.84 0.00 | 296.10 -14.92 0.00 | 266.49 -13.14 0.00 | 211.07 -10.53 -2.12 | 104.42 -4.71 -8.80 |
| INDECK___YERKES 23781 | 83.34 -0.96 -40.59 | 82.22 -0.97 -31.98 | 74.20 -0.82 -29.50 | 74.41 -0.96 -27.48 | 83.89 -2.86 -24.59 | 83.81 -0.93 -26.84 | 91.77 -3.96 -30.89 | 86.74 -5.53 -28.01 | 138.55 -12.74 -22.62 | 144.67 -13.61 -24.89 | 138.57 -13.94 -24.61 | 84.55 -4.26 -37.49 | 82.96 -3.69 -36.06 | 83.15 -4.01 -31.42 | 83.23 -4.87 -28.64 | 174.39 -22.58 -8.86 | 170.15 -40.33 62.05 | 181.60 -58.41 159.95 | 188.33 -55.34 140.68 | 180.17 -49.18 100.73 | 269.03 -42.00 0.00 | 245.51 -34.13 0.00 | 198.09 -25.90 -4.52 | 108.62 -10.44 -18.72 |

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| INDIAN POINT_GT_1 24139 | 308.15 4.20 -260.24 | 261.14 4.87 -205.07 | 238.83 4.19 -189.13 | 228.44 4.36 -176.20 | 225.31 5.47 -157.68 | 235.38 5.39 -172.09 | 268.68 5.77 -198.08 | 244.30 5.85 -174.19 | 278.52 12.48 -137.38 | 298.20 12.93 -151.88 | 282.88 12.28 -142.70 | 263.76 5.18 -207.26 | 255.68 5.16 -199.93 | 235.77 5.69 -174.34 | 217.35 5.89 -151.99 | 228.98 17.12 -23.76 | 277.98 22.61 17.17 | 423.27 27.99 4.68 | 406.78 26.50 4.07 | 349.81 24.08 4.35 | 323.08 23.02 10.96 | 289.89 22.64 12.38 | 247.55 19.76 -8.32 | 212.77 7.92 -104.51 |
| INDIAN POINT_GT_2 23659 | 308.15 4.20 -260.24 | 261.14 4.87 -205.07 | 238.83 4.19 -189.13 | 228.44 4.36 -176.20 | 225.31 5.47 -157.68 | 235.38 5.39 -172.09 | 268.68 5.77 -198.08 | 244.30 5.85 -174.19 | 278.52 12.48 -137.38 | 298.20 12.93 -151.88 | 282.88 12.28 -142.70 | 263.76 5.18 -207.26 | 255.68 5.16 -199.93 | 235.77 5.69 -174.34 | 217.35 5.89 -151.99 | 228.98 17.12 -23.76 | 277.98 22.61 17.17 | 423.27 27.99 4.68 | 406.78 26.50 4.07 | 349.81 24.08 4.35 | 323.08 23.02 10.96 | 289.89 22.64 12.38 | 247.55 19.76 -8.32 | 212.77 7.92 -104.51 |
| INDIAN POINT_GT_3 24019 | 308.15 4.20 -260.24 | 261.14 4.87 -205.07 | 238.83 4.19 -189.13 | 228.44 4.36 -176.20 | 225.31 5.47 -157.68 | 235.38 5.39 -172.09 | 268.68 5.77 -198.08 | 244.30 5.85 -174.19 | 278.52 12.48 -137.38 | 298.20 12.93 -151.88 | 282.88 12.28 -142.70 | 263.76 5.18 -207.26 | 255.68 5.16 -199.93 | 235.77 5.69 -174.34 | 217.35 5.89 -151.99 | 228.98 17.12 -23.76 | 277.98 22.61 17.17 | 423.27 27.99 4.68 | 406.78 26.50 4.07 | 349.81 24.08 4.35 | 323.08 23.02 10.96 | 289.89 22.64 12.38 | 247.55 19.76 -8.32 | 212.77 7.92 -104.51 |
| INDIAN POINT___2 23530 | 305.25 4.07 -257.47 | 258.80 4.71 -202.89 | 236.73 4.10 -187.12 | 226.47 4.26 -174.32 | 223.51 5.35 -156.00 | 233.37 5.21 -170.26 | 266.39 5.58 -195.97 | 242.26 5.72 -172.29 | 276.58 12.09 -135.83 | 296.24 12.68 -150.17 | 280.78 11.90 -140.98 | 261.00 5.08 -204.59 | 253.01 5.06 -197.36 | 233.37 5.52 -172.11 | 215.10 5.71 -149.93 | 227.68 16.56 -23.01 | 277.10 21.81 17.25 | 422.06 26.80 4.70 | 406.01 25.75 4.09 | 348.80 23.10 4.38 | 322.10 22.09 11.01 | 289.02 21.83 12.43 | 246.48 19.08 -7.92 | 211.14 7.62 -103.18 |
| INDIAN POINT___3 23531 | 308.07 4.02 -260.34 | 261.01 4.66 -205.15 | 238.77 4.05 -189.20 | 228.36 4.21 -176.27 | 225.12 5.22 -157.74 | 235.21 5.15 -172.15 | 268.50 5.51 -198.15 | 244.39 5.66 -174.48 | 278.43 11.97 -137.80 | 298.10 12.41 -152.30 | 283.19 11.76 -143.54 | 265.40 4.98 -209.11 | 257.22 4.96 -201.67 | 237.06 5.47 -175.85 | 218.88 5.65 -153.76 | 230.08 16.36 -25.61 | 277.80 21.53 16.27 | 421.76 26.39 4.59 | 405.32 24.97 3.99 | 348.62 22.76 4.22 | 322.45 21.76 10.34 | 289.48 21.53 11.68 | 247.83 18.88 -9.48 | 213.24 7.53 -105.37 |
| IP CORINTH___1 23988 | 382.89 2.84 -336.33 | 319.20 2.97 -265.03 | 292.68 2.73 -244.42 | 278.28 2.68 -227.72 | 269.36 3.42 -203.78 | 283.72 3.42 -222.40 | 324.66 3.82 -255.99 | 297.42 3.66 -229.50 | 322.39 8.36 -185.37 | 345.99 8.67 -203.93 | 337.18 7.67 -201.61 | 361.51 2.98 -307.22 | 348.76 2.68 -295.48 | 316.18 2.95 -257.48 | 297.30 3.15 -234.68 | 270.88 10.15 -72.62 | 285.51 13.89 0.92 | 414.77 17.19 2.37 | 395.71 13.45 2.08 | 342.45 13.86 1.49 | 324.69 13.67 0.00 | 293.05 13.42 0.00 | 268.66 11.41 -37.78 | 261.93 5.11 -156.48 |
| IP___TICONDEROGA 23804 | 375.95 5.07 -327.17 | 315.16 6.14 -257.81 | 288.93 5.64 -237.77 | 274.99 5.60 -221.51 | 267.60 7.21 -198.23 | 281.31 7.06 -216.35 | 321.77 7.91 -249.02 | 295.93 8.29 -223.38 | 326.85 17.76 -180.42 | 349.76 17.88 -198.50 | 341.15 17.01 -196.24 | 357.02 6.67 -299.03 | 344.73 6.53 -287.61 | 313.60 7.24 -250.62 | 295.68 7.79 -228.43 | 283.81 25.02 -70.68 | 305.93 34.34 0.95 | 440.71 43.21 2.45 | 419.46 37.27 2.16 | 364.84 36.31 1.55 | 346.47 35.44 0.00 | 313.17 33.54 0.00 | 283.64 27.65 -36.51 | 263.69 12.14 -151.22 |
| ISLIP_RES_REC 323679 | 312.22 6.12 -262.38 | 265.44 7.48 -206.75 | 242.25 6.05 -190.68 | 232.23 6.70 -177.64 | 229.21 8.08 -158.97 | 239.22 7.81 -173.50 | 273.17 8.62 -199.71 | 261.06 8.42 -188.39 | 303.83 16.98 -158.18 | 321.58 17.33 -170.86 | 331.65 15.99 -187.77 | 346.93 6.67 -288.94 | 339.67 6.68 -282.40 | 317.82 7.30 -254.78 | 317.37 7.67 -250.24 | 321.42 23.32 -109.99 | 331.54 30.52 -28.48 | 426.90 30.01 3.07 | 409.34 27.69 2.70 | 354.87 26.42 1.62 | 353.77 28.30 -14.45 | 331.36 28.23 -23.50 | 313.52 26.33 -67.72 | 263.74 10.24 -153.17 |
| JARVIS____ 23743 | 37.66 0.26 6.32 | 46.54 0.31 4.98 | 41.20 0.27 4.59 | 43.89 0.29 4.28 | 58.65 0.31 3.83 | 54.07 0.35 4.18 | 60.42 0.39 4.81 | 60.24 0.39 4.40 | 125.89 0.78 3.55 | 130.42 0.94 3.91 | 124.93 0.90 3.87 | 45.84 0.41 5.89 | 45.33 0.40 5.67 | 51.25 0.44 4.94 | 55.38 0.42 4.50 | 187.66 0.95 1.39 | 273.63 1.09 0.00 | 401.16 1.20 0.00 | 385.50 1.16 0.00 | 331.07 0.99 0.00 | 311.96 0.94 0.00 | 280.47 0.84 0.00 | 219.42 0.66 0.72 | 97.57 0.20 2.97 |
| JENNISON___1 23625 | 136.48 3.71 -89.06 | 125.73 4.35 -70.18 | 114.02 3.78 -64.72 | 112.11 3.93 -60.30 | 120.91 4.79 -53.96 | 121.71 4.92 -58.89 | 137.74 5.12 -67.78 | 132.14 5.40 -62.48 | 189.81 10.67 -50.47 | 200.38 11.47 -55.52 | 193.28 10.49 -54.89 | 139.68 4.72 -83.64 | 135.54 4.50 -80.45 | 130.75 4.91 -70.10 | 128.35 5.00 -63.89 | 220.85 12.97 -19.77 | 283.94 16.08 4.67 | 413.12 25.21 12.05 | 399.90 26.15 10.60 | 342.30 19.80 7.59 | 329.06 18.03 0.00 | 296.41 16.78 0.00 | 241.40 11.84 -10.08 | 147.50 5.41 -41.75 |
| JENNISON___2 23626 | 136.40 3.63 -89.06 | 125.58 4.20 -70.18 | 113.93 3.69 -64.72 | 112.01 3.83 -60.30 | 120.78 4.66 -53.96 | 121.59 4.80 -58.89 | 137.55 4.93 -67.78 | 131.94 5.20 -62.48 | 189.55 10.42 -50.47 | 199.97 11.07 -55.52 | 193.02 10.24 -54.89 | 139.58 4.62 -83.64 | 135.39 4.35 -80.45 | 130.64 4.79 -70.10 | 128.17 4.81 -63.89 | 220.48 12.60 -19.77 | 283.39 15.53 4.67 | 412.31 24.40 12.05 | 399.11 25.36 10.60 | 341.63 19.14 7.59 | 328.12 17.10 0.00 | 295.56 15.93 0.00 | 240.96 11.41 -10.08 | 147.30 5.21 -41.75 |
| KEDC PORT_JEFF_GT2 24210 | 311.43 5.33 -262.38 | 264.47 6.50 -206.75 | 241.48 5.28 -190.68 | 231.37 5.84 -177.64 | 228.16 7.02 -158.97 | 238.17 6.77 -173.50 | 271.94 7.39 -199.71 | 259.90 7.26 -188.39 | 301.38 14.53 -158.18 | 318.79 14.54 -170.86 | 328.84 13.18 -187.77 | 343.74 5.59 -286.82 | 337.21 5.62 -281.00 | 316.33 6.02 -254.56 | 316.06 6.37 -250.23 | 315.30 19.20 -107.99 | 324.89 24.25 -28.10 | 418.07 21.18 3.07 | 400.86 19.21 2.70 | 348.08 19.80 1.80 | 346.89 22.41 -13.46 | 325.41 22.64 -23.14 | 308.61 22.16 -66.98 | 262.03 8.52 -153.17 |
| KEDC PORT_JEFF_GT3 24211 | 311.43 5.33 -262.38 | 264.47 6.50 -206.75 | 241.48 5.28 -190.68 | 231.37 5.84 -177.64 | 228.16 7.02 -158.97 | 238.17 6.77 -173.50 | 271.94 7.39 -199.71 | 259.90 7.26 -188.39 | 301.38 14.53 -158.18 | 318.79 14.54 -170.86 | 328.84 13.18 -187.77 | 343.74 5.59 -286.82 | 337.21 5.62 -281.00 | 316.33 6.02 -254.56 | 316.06 6.37 -250.23 | 315.30 19.20 -107.99 | 324.89 24.25 -28.10 | 418.07 21.18 3.07 | 400.86 19.21 2.70 | 348.08 19.80 1.80 | 346.89 22.41 -13.46 | 325.41 22.64 -23.14 | 308.61 22.16 -66.98 | 262.03 8.52 -153.17 |
| KEDC_GLWD_GT4 24219 | 311.17 5.07 -262.38 | 264.00 6.04 -206.75 | 241.30 5.10 -190.68 | 230.98 5.46 -177.64 | 227.85 6.72 -158.97 | 237.94 6.54 -173.50 | 271.62 7.07 -199.71 | 259.65 7.01 -188.39 | 301.51 14.66 -158.18 | 319.58 15.33 -170.86 | 330.38 14.70 -187.78 | 404.70 6.21 -347.17 | 377.50 6.17 -320.73 | 323.31 6.74 -260.82 | 316.67 6.95 -250.25 | 373.76 20.69 -164.96 | 338.49 26.99 -38.96 | 430.51 33.60 3.05 | 413.95 32.29 2.69 | 362.71 29.37 -3.26 | 380.98 28.30 -41.66 | 340.49 27.42 -33.44 | 331.44 23.93 -88.04 | 262.64 9.13 -153.17 |
| KEDC_GLWD_GT5 24220 | 311.17 5.07 -262.38 | 264.00 6.04 -206.75 | 241.30 5.10 -190.68 | 230.98 5.46 -177.64 | 227.85 6.72 -158.97 | 237.94 6.54 -173.50 | 271.62 7.07 -199.71 | 259.65 7.01 -188.39 | 301.51 14.66 -158.18 | 319.58 15.33 -170.86 | 330.38 14.70 -187.78 | 404.70 6.21 -347.17 | 377.50 6.17 -320.73 | 323.31 6.74 -260.82 | 316.67 6.95 -250.25 | 373.76 20.69 -164.96 | 338.49 26.99 -38.96 | 430.51 33.60 3.05 | 413.95 32.29 2.69 | 362.71 29.37 -3.26 | 380.98 28.30 -41.66 | 340.49 27.42 -33.44 | 331.44 23.93 -88.04 | 262.64 9.13 -153.17 |
| KENSICO____ 23655 | 310.03 4.41 -261.90 | 262.66 5.07 -206.38 | 240.27 4.41 -190.34 | 229.81 4.60 -177.33 | 226.56 5.72 -158.69 | 236.71 5.61 -173.19 | 270.28 6.09 -199.34 | 245.06 6.17 -174.64 | 279.59 12.99 -137.93 | 300.39 13.61 -153.39 | 282.56 12.79 -141.87 | 259.98 5.44 -203.23 | 252.64 5.42 -196.63 | 233.89 5.91 -172.24 | 214.39 6.18 -148.74 | 224.47 18.06 -18.30 | 277.61 23.70 18.63 | 426.48 29.60 3.07 | 409.69 28.04 2.70 | 352.79 25.76 3.06 | 322.73 24.57 12.86 | 289.55 24.05 14.14 | 245.19 20.86 -4.85 | 211.43 8.43 -102.67 |

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| KIAC_JFK_GT1 23816 | 311.18 5.11 -262.35 | 263.87 5.94 -206.73 | 241.36 5.19 -190.65 | 230.86 5.36 -177.62 | 227.76 6.65 -158.95 | 237.97 6.60 -173.47 | 271.92 7.39 -199.69 | 270.07 7.32 -198.49 | 355.78 15.18 -211.94 | 412.65 14.94 -264.33 | 395.90 14.96 -253.04 | 449.76 6.36 -392.08 | 452.53 5.82 -396.12 | 440.48 6.52 -378.22 | 440.81 7.25 -374.09 | 424.16 20.32 -215.73 | 436.13 24.25 -139.34 | 520.39 30.80 -89.63 | 490.51 30.00 -76.17 | 445.37 27.73 -87.56 | 395.95 28.93 -56.00 | 387.70 27.42 -80.65 | 372.24 24.36 -128.41 | 301.50 10.13 -191.04 |
| KIAC_JFK_GT2 23817 | 311.18 5.11 -262.35 | 263.87 5.94 -206.73 | 241.36 5.19 -190.65 | 230.86 5.36 -177.62 | 227.76 6.65 -158.95 | 237.97 6.60 -173.47 | 271.92 7.39 -199.69 | 270.07 7.32 -198.49 | 355.78 15.18 -211.94 | 412.65 14.94 -264.33 | 395.90 14.96 -253.04 | 449.76 6.36 -392.08 | 452.53 5.82 -396.12 | 440.48 6.52 -378.22 | 440.81 7.25 -374.09 | 424.16 20.32 -215.73 | 436.13 24.25 -139.34 | 520.39 30.80 -89.63 | 490.51 30.00 -76.17 | 445.37 27.73 -87.56 | 395.95 28.93 -56.00 | 387.70 27.42 -80.65 | 372.24 24.36 -128.41 | 301.50 10.13 -191.04 |
| KINTIGH____ 23543 | 76.26 -2.45 -35.00 | 75.97 -2.82 -27.58 | 68.50 -2.46 -25.43 | 68.94 -2.63 -23.70 | 78.89 -4.48 -21.20 | 77.97 -3.07 -23.14 | 86.35 -5.12 -26.64 | 82.18 -6.23 -24.15 | 134.53 -13.64 -19.51 | 140.31 -14.54 -21.46 | 134.53 -14.58 -21.22 | 78.72 -4.93 -32.33 | 77.03 -4.65 -31.09 | 77.71 -5.13 -27.09 | 78.27 -5.89 -24.70 | 172.42 -23.33 -7.64 | 167.40 -39.24 65.90 | 172.88 -57.21 169.87 | 181.13 -53.81 149.41 | 174.90 -48.20 106.98 | 268.73 -42.30 0.00 | 244.11 -35.52 0.00 | 195.93 -27.44 -3.90 | 105.24 -11.24 -16.14 |
| LEDERLE____ 23769 | 302.33 4.63 -253.99 | 256.72 5.38 -200.14 | 234.79 4.69 -184.58 | 224.73 4.89 -171.97 | 222.15 6.10 -153.89 | 231.88 6.02 -167.95 | 264.52 6.36 -193.32 | 241.59 6.49 -170.84 | 277.89 13.77 -135.45 | 297.25 14.28 -149.58 | 283.63 13.55 -142.18 | 265.93 5.75 -208.86 | 257.64 5.72 -201.33 | 237.52 6.24 -175.54 | 220.65 6.48 -154.70 | 236.98 18.81 -30.06 | 284.16 25.06 13.43 | 427.20 31.59 4.34 | 411.32 30.76 3.79 | 353.65 27.38 3.81 | 328.77 26.13 8.39 | 295.60 25.44 9.47 | 253.63 21.73 -12.43 | 214.14 8.72 -105.07 |
| LINDEN COGEN____ 23786 | 310.88 4.81 -262.35 | 263.52 5.58 -206.73 | 240.99 4.82 -190.65 | 230.53 5.03 -177.62 | 227.39 6.28 -158.95 | 237.51 6.13 -173.47 | 271.21 6.68 -199.69 | 269.56 6.81 -198.49 | 355.27 14.66 -211.94 | 412.65 14.94 -264.33 | 394.63 13.69 -253.04 | 404.93 5.80 -347.82 | 381.30 5.77 -324.94 | 377.57 6.30 -315.53 | 376.18 6.54 -310.18 | 399.65 18.63 -192.91 | 369.64 25.61 -71.48 | 521.60 32.01 -89.63 | 472.67 30.76 -57.57 | 404.85 27.73 -47.04 | 393.15 26.13 -56.00 | 385.99 25.71 -80.65 | 370.28 22.40 -128.41 | 300.80 9.43 -191.04 |
| LIPA_MISC_IPP 23656 | 310.82 4.72 -262.38 | 263.85 5.89 -206.75 | 240.89 4.69 -190.68 | 230.75 5.22 -177.64 | 227.35 6.22 -158.97 | 237.42 6.02 -173.50 | 271.17 6.62 -199.71 | 259.07 6.43 -188.39 | 299.47 12.62 -158.18 | 316.12 11.87 -170.86 | 326.02 10.36 -187.77 | 341.97 4.46 -286.19 | 335.68 4.50 -280.58 | 314.97 4.74 -254.50 | 314.87 5.17 -250.23 | 310.93 15.43 -107.39 | 319.60 19.07 -27.99 | 408.88 11.99 3.07 | 392.03 10.38 2.70 | 340.45 12.22 1.85 | 340.04 15.85 -13.16 | 319.44 16.78 -23.03 | 304.67 18.44 -66.76 | 260.73 7.23 -153.17 |
| LISF____SOLAR 323691 | 310.91 4.81 -262.38 | 263.90 5.94 -206.75 | 240.98 4.78 -190.68 | 230.84 5.31 -177.64 | 227.48 6.34 -158.97 | 237.54 6.13 -173.50 | 271.23 6.68 -199.71 | 259.20 6.56 -188.39 | 299.71 12.87 -158.18 | 316.26 12.01 -170.86 | 326.16 10.49 -187.77 | 342.28 4.57 -286.39 | 335.87 4.56 -280.72 | 315.05 4.79 -254.52 | 314.93 5.23 -250.23 | 311.30 15.60 -107.59 | 319.92 19.35 -28.02 | 409.30 12.41 3.07 | 392.39 10.75 2.70 | 340.78 12.54 1.84 | 340.45 16.16 -13.26 | 319.76 17.06 -23.07 | 304.95 18.64 -66.83 | 260.93 7.42 -153.17 |
| LITTLE FALLS____HYD 24013 | 41.46 4.07 6.32 | 51.10 4.87 4.98 | 45.26 4.33 4.59 | 48.11 4.50 4.28 | 64.12 5.78 3.83 | 59.34 5.61 4.18 | 66.32 6.29 4.81 | 66.22 6.36 4.40 | 138.49 13.38 3.55 | 144.15 14.67 3.91 | 138.48 14.45 3.87 | 51.07 5.65 5.89 | 50.29 5.36 5.67 | 56.66 5.85 4.94 | 61.68 6.72 4.50 | 208.90 22.19 1.39 | 306.05 33.51 0.00 | 452.34 52.38 0.00 | 436.21 51.87 0.00 | 372.68 42.60 0.00 | 347.40 36.37 0.00 | 310.67 31.04 0.00 | 240.28 21.52 0.72 | 107.40 10.03 2.97 |
| LI_NEWBRIDGE____DRP 323616 | 311.08 4.98 -262.38 | 264.00 6.04 -206.75 | 241.16 4.96 -190.68 | 230.93 5.41 -177.64 | 227.72 6.59 -158.97 | 237.77 6.37 -173.50 | 271.42 6.87 -199.71 | 259.33 6.68 -188.39 | 300.62 13.77 -158.18 | 318.66 14.41 -170.86 | 329.36 13.69 -187.77 | 331.07 5.85 -273.90 | 328.95 5.87 -272.49 | 315.26 6.30 -253.22 | 316.18 6.48 -250.23 | 303.28 19.38 -95.79 | 322.30 23.99 -25.78 | 424.46 27.58 3.07 | 408.54 26.90 2.70 | 352.61 25.42 2.89 | 343.33 24.89 -7.42 | 324.88 24.32 -20.93 | 304.10 22.16 -62.47 | 261.34 7.83 -153.17 |
| LONG_LAKE_PHOENIX 24014 | 63.05 -0.52 -19.85 | 66.24 -0.61 -15.64 | 59.40 -0.54 -14.43 | 60.70 -0.62 -13.44 | 73.19 -1.00 -12.03 | 70.28 -0.75 -13.13 | 78.72 -1.23 -15.11 | 76.80 -1.15 -13.69 | 137.15 -2.57 -11.06 | 143.02 -2.54 -12.17 | 137.37 -2.56 -12.03 | 68.93 -0.72 -18.33 | 67.47 -0.76 -17.63 | 70.27 -0.83 -15.36 | 72.46 -1.01 -14.00 | 187.75 -4.70 -4.33 | 264.91 -7.63 0.00 | 389.18 -10.78 0.00 | 374.35 -10.00 0.00 | 320.50 -9.58 0.00 | 302.00 -9.03 0.00 | 271.80 -7.83 0.00 | 215.10 -6.58 -2.21 | 106.57 -2.91 -9.15 |
| LOVETT____3 23632 | 302.21 3.54 -254.96 | 256.21 4.10 -200.90 | 234.31 3.51 -185.29 | 224.19 3.69 -172.62 | 221.18 4.54 -154.48 | 231.02 4.52 -168.60 | 263.76 4.87 -194.06 | 240.59 4.95 -171.38 | 275.00 10.55 -135.79 | 294.30 10.94 -149.98 | 280.59 10.36 -142.34 | 264.52 4.41 -208.78 | 256.26 4.40 -201.27 | 236.03 4.79 -175.49 | 218.84 4.93 -154.45 | 231.29 13.92 -29.26 | 276.60 17.98 13.93 | 416.76 21.18 4.39 | 400.88 20.36 3.82 | 344.67 18.47 3.88 | 319.71 17.41 8.73 | 287.69 17.91 9.85 | 247.39 16.01 -11.90 | 211.63 6.22 -105.07 |
| LOVETT____4 23642 | 302.92 4.11 -255.09 | 256.98 4.76 -201.01 | 235.05 4.14 -185.39 | 224.91 4.31 -172.72 | 222.13 5.41 -154.56 | 231.91 5.32 -168.69 | 264.64 5.64 -194.16 | 241.50 5.79 -171.46 | 276.73 12.23 -135.83 | 296.10 12.68 -150.03 | 282.28 12.02 -142.36 | 265.22 5.13 -208.77 | 256.96 5.11 -201.26 | 236.80 5.57 -175.48 | 219.64 5.77 -154.41 | 233.81 16.56 -29.15 | 280.35 21.81 14.00 | 422.37 21.81 4.39 | 406.27 25.75 3.83 | 349.62 23.44 3.89 | 324.34 22.09 8.78 | 291.55 21.83 9.91 | 250.38 19.08 -11.83 | 213.02 7.62 -105.06 |
| LOVETT____5 23593 | 302.92 4.11 -255.09 | 256.98 4.76 -201.01 | 235.05 4.14 -185.39 | 224.91 4.31 -172.72 | 222.13 5.41 -154.56 | 231.91 5.32 -168.69 | 264.64 5.64 -194.16 | 241.50 5.79 -171.46 | 276.73 12.23 -135.83 | 296.10 12.68 -150.03 | 282.28 12.02 -142.36 | 265.22 5.13 -208.77 | 256.96 5.11 -201.26 | 236.80 5.57 -175.48 | 219.64 5.77 -154.41 | 233.81 16.56 -29.15 | 280.35 21.81 14.00 | 422.37 21.81 4.39 | 406.27 25.75 3.83 | 349.62 23.44 3.89 | 324.34 22.09 8.78 | 291.55 21.83 9.91 | 250.38 19.08 -11.83 | 213.02 7.62 -105.06 |
| LOWER RAQUET____HYD 24057 | 38.73 -4.98 0.00 | 45.27 -5.94 0.00 | 40.24 -5.28 0.00 | 42.14 -5.75 0.00 | 61.10 -1.06 0.00 | 51.36 -6.54 0.00 | 62.96 -1.88 0.00 | 62.07 -2.18 0.00 | 121.34 -7.33 0.00 | 126.59 -6.80 0.00 | 121.63 -6.26 0.00 | 47.52 -3.80 0.00 | 43.31 -7.28 0.00 | 47.77 -7.97 0.00 | 51.14 -8.33 0.00 | 163.47 -24.64 0.00 | 259.19 -13.35 0.00 | 387.56 -12.40 0.00 | 373.19 -11.16 0.00 | 317.87 -12.21 0.00 | 296.72 -14.30 0.00 | 269.01 -10.63 0.00 | 211.58 -7.89 0.00 | 98.22 -2.11 0.00 |
| LOWER____HUDSON 24059 | 382.24 3.59 -334.94 | 319.34 4.20 -263.93 | 292.80 3.87 -243.41 | 278.63 3.97 -226.77 | 270.13 5.03 -202.94 | 284.30 4.92 -221.48 | 325.15 5.38 -254.93 | 297.89 5.02 -228.61 | 323.87 10.55 -184.65 | 347.47 10.94 -203.15 | 339.09 10.36 -200.83 | 361.51 4.16 -306.03 | 349.03 4.10 -294.34 | 316.74 4.51 -256.49 | 298.12 4.88 -233.78 | 275.50 15.05 -72.34 | 292.07 20.45 0.92 | 423.56 25.98 2.38 | 405.31 23.06 2.09 | 350.36 21.78 1.50 | 331.23 20.21 0.00 | 299.78 20.14 0.00 | 273.17 16.67 -37.03 | 261.42 7.73 -153.36 |
| LWR____OSWEGATCHIE_HYD 23850 | 40.79 -2.93 0.00 | 47.68 -3.53 0.00 | 42.33 -3.19 0.00 | 44.39 -3.49 0.00 | 61.60 -0.56 0.00 | 53.96 -3.94 0.00 | 63.80 -1.04 0.00 | 63.23 -1.03 0.00 | 124.29 -4.38 0.00 | 129.65 -3.73 0.00 | 124.32 -3.58 0.00 | 49.27 -2.05 0.00 | 46.29 -4.30 0.00 | 51.06 -4.68 0.00 | 54.41 -5.05 0.00 | 172.50 -15.61 0.00 | 263.55 -8.99 0.00 | 392.35 -7.61 0.00 | 377.81 -6.54 0.00 | 321.84 -8.24 0.00 | 301.06 -9.97 0.00 | 272.36 -7.27 0.00 | 213.56 -5.92 0.00 | 98.43 -1.91 0.00 |

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| LYONS_FALL_HYD 23570 | 43.50 -0.22 0.00 | 50.90 -0.31 0.00 | 45.20 -0.32 0.00 | 47.50 -0.38 0.00 | 62.60 0.44 0.00 | 57.61 -0.29 0.00 | 65.23 0.39 0.00 | 64.83 0.58 0.00 | 129.05 0.39 0.00 | 134.33 0.94 0.00 | 128.80 0.90 0.00 | 51.73 0.41 0.00 | 50.34 -0.25 0.00 | 55.46 -0.28 0.00 | 59.05 -0.41 0.00 | 186.04 -2.07 0.00 | 272.00 -0.54 0.00 | 401.57 1.61 0.00 | 386.67 2.32 0.00 | 330.41 0.33 0.00 | 310.40 -0.62 0.00 | 279.63 0.00 0.00 | 218.60 -0.87 0.00 | 100.14 -0.20 0.00 |
| MADISON___COUNTY_LFGE 323628 | 52.31 0.66 -7.93 | 58.18 0.72 -6.25 | 51.88 0.59 -5.77 | 53.88 0.62 -5.37 | 67.78 0.81 -4.81 | 63.96 0.81 -5.25 | 71.66 0.78 -6.04 | 70.61 0.90 -5.45 | 134.74 1.67 -4.40 | 140.24 2.00 -4.84 | 134.48 1.79 -4.79 | 59.59 0.97 -7.30 | 58.42 0.81 -7.02 | 62.75 0.89 -6.12 | 65.87 0.83 -5.57 | 191.16 1.33 -1.72 | 273.91 1.37 0.00 | 403.14 3.18 0.00 | 387.80 3.45 0.00 | 332.07 1.99 0.00 | 312.59 1.56 0.00 | 281.32 1.69 0.00 | 221.01 0.66 -0.88 | 104.27 0.30 -3.63 |
| MAPLE_RIDGE_WT_1 323574 | 27.62 -1.05 15.05 | 38.22 -1.13 11.86 | 33.63 -0.96 10.94 | 36.78 -0.91 10.19 | 52.05 -1.00 9.12 | 46.85 -1.10 9.95 | 52.22 -1.17 11.45 | 52.65 -1.15 10.46 | 118.16 -2.06 8.45 | 122.36 -1.74 9.29 | 117.43 -1.28 9.19 | 36.86 -0.46 14.00 | 36.68 -0.46 13.46 | 43.51 -0.50 11.73 | 48.12 -0.65 10.69 | 182.55 -2.25 3.31 | 268.72 -3.82 0.00 | 394.75 -5.21 0.00 | 379.34 -5.01 0.00 | 325.14 -4.94 0.00 | 305.11 -5.92 0.00 | 273.48 -6.15 0.00 | 212.51 -5.27 1.70 | 90.90 -2.41 7.03 |
| MAPLE_RIDGE_WT_2 323611 | 27.62 -1.05 15.05 | 38.22 -1.13 11.86 | 33.63 -0.96 10.94 | 36.78 -0.91 10.19 | 52.05 -1.00 9.12 | 46.85 -1.10 9.95 | 52.22 -1.17 11.45 | 52.65 -1.15 10.46 | 118.16 -2.06 8.45 | 122.36 -1.74 9.29 | 117.43 -1.28 9.19 | 36.86 -0.46 14.00 | 36.68 -0.46 13.46 | 43.51 -0.50 11.73 | 48.12 -0.65 10.69 | 182.55 -2.25 3.31 | 268.72 -3.82 0.00 | 394.75 -5.21 0.00 | 379.34 -5.01 0.00 | 325.14 -4.94 0.00 | 305.11 -5.92 0.00 | 273.48 -6.15 0.00 | 212.51 -5.27 1.70 | 90.90 -2.41 7.03 |
| MARBLE_RIVER_WT_PWR 323696 | 41.96 -1.75 0.00 | 49.06 -2.15 0.00 | 43.61 -1.91 0.00 | 45.87 -2.01 0.00 | 60.42 -1.74 0.00 | 55.58 -2.32 0.00 | 63.15 -1.69 0.00 | 62.53 -1.73 0.00 | 124.93 -3.74 0.00 | 129.92 -3.47 0.00 | 124.83 -3.07 0.00 | 49.63 -1.69 0.00 | 48.77 -1.82 0.00 | 53.90 -1.84 0.00 | 58.04 -1.43 0.00 | 186.80 -1.31 0.00 | 273.09 0.55 0.00 | 407.17 7.21 0.00 | 391.63 7.28 0.00 | 335.04 4.96 0.00 | 313.50 2.48 0.00 | 280.47 0.84 0.00 | 219.69 0.22 0.00 | 101.14 0.80 0.00 |
| MG INDUSTRY___DRP 24185 | 374.72 2.62 -328.39 | 313.05 3.07 -258.77 | 286.90 2.73 -238.65 | 273.09 2.87 -222.34 | 264.73 3.60 -198.97 | 278.53 3.47 -217.15 | 318.48 3.69 -249.95 | 292.01 3.47 -224.29 | 317.15 7.33 -181.15 | 340.29 7.60 -199.30 | 332.09 7.16 -197.03 | 354.59 3.03 -300.24 | 342.40 3.04 -288.77 | 310.72 3.34 -251.63 | 292.26 3.45 -229.35 | 269.23 10.15 -70.97 | 284.94 13.35 0.95 | 413.09 15.58 2.45 | 396.42 14.23 2.15 | 342.08 13.54 1.54 | 324.39 13.36 0.00 | 293.05 13.42 0.00 | 267.49 11.84 -36.18 | 255.39 5.21 -149.84 |
| MID___OSWEGATCHIE_HYD 23849 | 40.79 -2.93 0.00 | 47.68 -3.53 0.00 | 42.33 -3.19 0.00 | 44.39 -3.49 0.00 | 61.60 -0.56 0.00 | 53.96 -3.94 0.00 | 63.80 -1.04 0.00 | 63.23 -1.03 0.00 | 124.29 -4.38 0.00 | 129.65 -3.73 0.00 | 124.32 -3.58 0.00 | 49.27 -2.05 0.00 | 46.29 -4.30 0.00 | 51.06 -4.68 0.00 | 54.41 -5.05 0.00 | 172.50 -15.61 0.00 | 263.55 -8.99 0.00 | 392.35 -7.61 0.00 | 377.81 -6.54 0.00 | 321.84 -8.24 0.00 | 301.06 -9.97 0.00 | 272.36 -7.27 0.00 | 213.56 -5.92 0.00 | 98.43 -1.91 0.00 |
| MID___RAQUETTE_HYD 23851 | 38.73 -4.98 0.00 | 45.27 -5.94 0.00 | 40.24 -5.28 0.00 | 42.14 -5.75 0.00 | 61.10 -1.06 0.00 | 51.36 -6.54 0.00 | 62.96 -1.88 0.00 | 62.07 -2.18 0.00 | 121.34 -7.33 0.00 | 126.59 -6.80 0.00 | 121.63 -6.26 0.00 | 47.52 -3.80 0.00 | 43.31 -7.28 0.00 | 47.77 -7.97 0.00 | 51.14 -8.33 0.00 | 163.47 -24.64 0.00 | 259.19 -13.35 0.00 | 387.56 -12.40 0.00 | 373.19 -11.16 0.00 | 317.87 -12.21 0.00 | 296.72 -14.30 0.00 | 269.01 -10.63 0.00 | 211.58 -7.89 0.00 | 98.22 -2.11 0.00 |
| MILLIKEN___1 23584 | 88.74 -1.27 -46.29 | 86.15 -1.53 -36.48 | 77.75 -1.41 -33.64 | 77.74 -1.48 -31.34 | 87.97 -2.24 -28.05 | 86.78 -1.74 -30.61 | 97.80 -2.27 -35.24 | 94.16 -2.12 -32.02 | 150.29 -4.24 -25.86 | 157.57 -4.27 -28.45 | 151.81 -4.22 -28.13 | 92.80 -1.38 -42.87 | 90.41 -1.42 -41.23 | 90.11 -1.56 -35.93 | 90.37 -1.84 -32.75 | 190.52 -7.72 -10.13 | 258.47 -12.53 1.54 | 378.80 -17.19 3.97 | 365.47 -15.39 3.49 | 312.40 -15.18 2.50 | 296.41 -14.61 0.00 | 266.77 -12.86 0.00 | 213.46 -11.19 -5.17 | 116.62 -5.11 -21.40 |
| MILLIKEN___2 23585 | 88.74 -1.27 -46.29 | 86.15 -1.53 -36.48 | 77.75 -1.41 -33.64 | 77.74 -1.48 -31.34 | 87.97 -2.24 -28.05 | 86.78 -1.74 -30.61 | 97.80 -2.27 -35.24 | 94.16 -2.12 -32.02 | 150.29 -4.24 -25.86 | 157.57 -4.27 -28.45 | 151.81 -4.22 -28.13 | 92.80 -1.38 -42.87 | 90.41 -1.42 -41.23 | 90.11 -1.56 -35.93 | 90.37 -1.84 -32.75 | 190.52 -7.72 -10.13 | 258.47 -12.53 1.54 | 378.80 -17.19 3.97 | 365.47 -15.39 3.49 | 312.40 -15.18 2.50 | 296.41 -14.61 0.00 | 266.77 -12.86 0.00 | 213.46 -11.19 -5.17 | 116.62 -5.11 -21.40 |
| MILLIKEN___DIESEL 23629 | 88.74 -1.27 -46.29 | 86.15 -1.53 -36.48 | 77.75 -1.41 -33.64 | 77.74 -1.48 -31.34 | 87.97 -2.24 -28.05 | 86.78 -1.74 -30.61 | 97.80 -2.27 -35.24 | 94.16 -2.12 -32.02 | 150.29 -4.24 -25.86 | 157.57 -4.27 -28.45 | 151.81 -4.22 -28.13 | 92.80 -1.38 -42.87 | 90.41 -1.42 -41.23 | 90.11 -1.56 -35.93 | 90.37 -1.84 -32.75 | 190.52 -7.72 -10.13 | 258.47 -12.53 1.54 | 378.80 -17.19 3.97 | 365.47 -15.39 3.49 | 312.40 -15.18 2.50 | 296.41 -14.61 0.00 | 266.77 -12.86 0.00 | 213.46 -11.19 -5.17 | 116.62 -5.11 -21.40 |
| MILLSEAT___LFGE 323607 | 80.45 -0.87 -37.61 | 79.87 -0.97 -29.64 | 72.08 -0.77 -27.34 | 72.44 -0.91 -25.47 | 82.34 -2.61 -22.79 | 81.85 -0.93 -24.87 | 90.16 -3.30 -28.63 | 85.46 -4.75 -25.96 | 138.69 -10.94 -20.96 | 144.85 -11.61 -23.06 | 138.67 -12.03 -22.80 | 82.42 -3.64 -34.75 | 80.73 -3.29 -33.42 | 81.29 -3.57 -29.12 | 81.67 -4.34 -26.54 | 176.57 -19.75 -8.21 | 172.03 -35.69 64.82 | 380.53 -51.20 -31.76 | 364.23 -48.06 -27.94 | 306.51 -43.58 -20.00 | 274.01 -37.02 0.00 | 249.43 -30.21 0.00 | 200.39 -23.27 -4.19 | 108.46 -9.23 -17.35 |
| MODEL_CITY_ENERGY 24167 | 81.62 -1.62 -39.53 | 80.61 -1.74 -31.15 | 72.74 -1.50 -28.73 | 72.97 -1.68 -26.76 | 82.44 -3.67 -23.95 | 82.24 -1.80 -26.14 | 90.25 -4.67 -30.08 | 85.05 -6.49 -27.28 | 135.90 -14.79 -22.03 | 141.88 -15.74 -24.24 | 135.87 -15.99 -23.96 | 82.65 -5.18 -36.51 | 81.01 -4.70 -35.12 | 81.16 -5.18 -30.60 | 81.35 -6.00 -27.89 | 171.54 -25.20 -8.63 | 164.37 -45.23 62.93 | 171.36 -66.38 162.22 | 178.26 -63.42 142.67 | 172.48 -55.45 102.16 | 263.76 -47.27 0.00 | 241.33 -38.30 0.00 | 195.13 -28.74 -4.40 | 107.13 -11.44 -18.23 |
| MODERN_LFGE___ 323580 | 81.62 -1.62 -39.53 | 80.61 -1.74 -31.15 | 72.74 -1.50 -28.73 | 72.97 -1.68 -26.76 | 82.44 -3.67 -23.95 | 82.24 -1.80 -26.14 | 90.25 -4.67 -30.08 | 85.05 -6.49 -27.28 | 135.90 -14.79 -22.03 | 141.88 -15.74 -24.24 | 135.87 -15.99 -23.96 | 82.65 -5.18 -36.51 | 81.01 -4.70 -35.12 | 81.16 -5.18 -30.60 | 81.35 -6.00 -27.89 | 171.54 -25.20 -8.63 | 164.37 -45.23 62.93 | 171.36 -66.38 162.22 | 178.26 -63.42 142.67 | 172.48 -55.45 102.16 | 263.76 -47.27 0.00 | 241.33 -38.30 0.00 | 195.13 -28.74 -4.40 | 107.13 -11.44 -18.23 |
| MOHAWK_PAPER___DRP 24187 | 383.80 3.10 -336.98 | 320.38 3.64 -265.54 | 293.70 3.28 -244.90 | 279.44 3.40 -228.15 | 270.62 4.29 -204.17 | 284.96 4.22 -222.83 | 325.93 4.60 -256.49 | 298.35 4.12 -229.97 | 323.17 8.75 -185.75 | 346.94 9.20 -204.35 | 338.74 8.82 -202.03 | 362.76 3.59 -307.85 | 350.23 3.54 -296.09 | 317.65 3.90 -258.01 | 298.79 4.16 -235.17 | 273.48 12.60 -72.77 | 288.80 17.18 0.92 | 418.78 21.18 2.37 | 401.47 19.21 2.08 | 346.73 18.14 1.49 | 328.43 17.41 0.00 | 296.97 17.34 0.00 | 270.85 14.26 -37.12 | 260.79 6.72 -153.73 |
| MONGAUP___HYD 23641 | 286.05 3.01 -239.32 | 243.74 3.94 -188.59 | 222.95 3.51 -173.93 | 213.51 3.59 -162.04 | 211.77 4.60 -145.01 | 220.73 4.57 -158.26 | 251.34 4.34 -182.16 | 231.29 4.63 -162.40 | 268.41 9.77 -129.97 | 285.84 9.20 -143.25 | 276.42 9.60 -138.92 | 263.47 4.16 -208.00 | 255.01 4.15 -200.26 | 234.81 4.51 -174.55 | 220.81 4.76 -156.59 | 242.04 13.92 -40.01 | 281.57 16.08 7.04 | 415.35 19.20 3.80 | 400.23 19.21 3.33 | 345.32 18.14 2.91 | 323.83 16.78 3.97 | 291.36 16.21 4.49 | 254.98 16.47 -19.04 | 211.01 6.43 -104.24 |

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|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| MONTAUK___DIESEL 23721 | 313.66 7.56 -262.38 | 267.54 9.57 -206.75 | 243.94 7.74 -190.68 | 234.14 8.62 -177.64 | 231.57 10.44 -158.97 | 241.53 10.13 -173.50 | 275.63 11.08 -199.71 | 263.76 11.12 -188.39 | 308.72 21.87 -158.18 | 326.13 21.88 -170.86 | 335.75 20.08 -187.77 | 346.14 8.52 -286.30 | 339.65 8.40 -280.65 | 319.23 8.98 -254.51 | 319.40 9.70 -250.23 | 324.94 29.33 -107.50 | 340.05 39.50 -28.01 | 424.47 27.58 3.07 | 406.61 24.97 2.70 | 352.01 23.78 1.85 | 360.61 36.37 -13.21 | 340.99 38.31 -23.05 | 320.29 34.02 -66.79 | 267.75 14.24 -153.17 |
| MUNSVILLE_WIND_PWR 323609 | 125.53 4.81 -77.01 | 117.42 5.53 -60.68 | 106.36 4.87 -55.97 | 105.10 5.07 -52.14 | 115.04 6.22 -46.66 | 115.20 6.37 -50.92 | 130.26 6.81 -58.62 | 125.46 7.32 -53.88 | 186.72 14.53 -43.52 | 197.00 15.73 -47.88 | 189.68 14.45 -47.33 | 129.81 6.36 -72.13 | 125.99 6.02 -69.37 | 122.77 6.57 -60.45 | 121.22 6.66 -55.10 | 223.22 18.06 3.94 | 291.50 22.90 10.16 | 427.39 37.59 8.93 | 414.22 38.80 6.40 | 352.74 29.05 0.00 | 336.83 25.80 0.00 | 302.83 23.20 0.00 | 244.18 16.01 -8.69 | 143.77 7.42 -36.01 |
| N SALMON___HYD 24042 | 41.57 -2.14 0.00 | 48.60 -2.61 0.00 | 43.25 -2.27 0.00 | 45.44 -2.44 0.00 | 61.23 -0.93 0.00 | 55.18 -2.72 0.00 | 63.99 -0.84 0.00 | 63.23 -1.03 0.00 | 125.71 -2.95 0.00 | 130.99 -2.40 0.00 | 125.85 -2.05 0.00 | 49.73 -1.59 0.00 | 48.07 -2.53 0.00 | 53.07 -2.67 0.00 | 57.02 -2.44 0.00 | 183.22 -4.89 0.00 | 272.00 -0.54 0.00 | 406.75 6.79 0.00 | 391.27 6.93 0.00 | 334.06 3.98 0.00 | 312.27 1.25 0.00 | 280.19 0.56 0.00 | 219.47 0.00 0.00 | 101.44 1.11 0.00 |
| N.E._GEN_SANDY PD 24062 | 355.54 3.45 -308.37 | 298.35 4.15 -243.00 | 273.36 3.73 -224.11 | 260.45 3.78 -208.79 | 253.79 4.79 -186.84 | 265.09 4.69 -202.50 | 291.22 5.06 -221.32 | 295.00 5.14 -225.60 | 309.85 10.93 -170.25 | 331.90 11.21 -187.31 | 337.74 10.61 -199.24 | 323.79 4.36 -268.11 | 326.29 4.30 -271.40 | 297.03 4.79 -236.49 | 280.01 5.00 -215.55 | 247.00 15.43 -43.46 | 315.21 20.45 -22.22 | 421.73 24.40 2.63 | 403.55 21.51 2.31 | 349.57 21.14 1.65 | 331.23 20.21 0.00 | 299.49 19.86 0.00 | 270.88 17.33 -34.07 | 248.89 7.42 -141.13 |
| NARROWS_GT1_1 24228 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT1_2 24229 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT1_3 24230 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT1_4 24231 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT1_5 24232 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT1_6 24233 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT1_7 24234 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT1_8 24235 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT2_1 24236 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT2_2 24237 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT2_3 24238 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT2_4 24239 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| NARROWS_GT2_5 24240 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT2_6 24241 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT2_7 24242 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NARROWS_GT2_8 24243 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NEG CAPITAL___MECHNVIL 23645 | 389.38 4.24 -341.42 | 325.11 4.87 -269.04 | 298.06 4.41 -248.13 | 283.60 4.55 -231.16 | 274.87 5.84 -206.87 | 289.35 5.68 -225.77 | 331.07 6.36 -259.87 | 303.01 5.85 -232.91 | 329.26 12.48 -188.12 | 353.43 13.08 -206.96 | 344.78 12.28 -204.61 | 368.03 4.93 -311.78 | 355.28 4.81 -299.87 | 322.40 5.35 -261.31 | 303.34 5.71 -238.17 | 279.48 17.68 -73.70 | 296.18 24.54 0.90 | 431.24 33.60 2.32 | 412.66 30.36 2.04 | 356.00 27.38 1.46 | 334.98 23.95 0.00 | 302.57 22.93 0.00 | 275.52 18.21 -37.84 | 265.49 8.43 -156.73 |
| NEG CENTRAL_HIGH_ACRES 23767 | 72.32 -1.83 -30.44 | 73.04 -2.15 -23.98 | 65.73 -1.91 -22.12 | 66.43 -2.06 -20.61 | 77.31 -3.30 -18.44 | 75.65 -2.38 -20.13 | 84.50 -3.50 -23.17 | 81.34 -3.92 -21.00 | 137.13 -8.50 -16.96 | 143.38 -8.67 -18.66 | 137.39 -8.96 -18.45 | 76.46 -2.98 -28.12 | 74.76 -2.88 -27.04 | 76.13 -3.18 -23.56 | 77.26 -3.69 -21.48 | 180.27 -14.48 -6.65 | 254.34 -23.99 -5.79 | 381.28 -33.60 -14.92 | 366.34 -31.12 -13.12 | 310.42 -29.05 -9.39 | 284.90 -26.13 0.00 | 257.25 -22.38 0.00 | 204.65 -18.21 -3.39 | 106.65 -7.72 -14.04 |
| NEG CENTRAL___DRP 24199 | 76.63 0.00 -32.91 | 77.14 0.00 -25.94 | 69.44 0.00 -23.92 | 70.12 -0.05 -22.28 | 81.54 -0.56 -19.94 | 79.72 0.06 -21.76 | 89.31 -0.58 -25.05 | 86.27 -0.71 -22.72 | 145.34 -1.68 -18.35 | 151.98 -1.59 -20.19 | 145.94 -1.91 -19.96 | 81.47 -0.26 -30.41 | 79.59 -0.25 -29.25 | 80.95 -0.28 -25.49 | 82.10 -0.59 -23.23 | 190.78 -4.52 -7.19 | 265.76 -8.45 -1.67 | 393.07 -11.20 -4.31 | 378.54 -9.59 -3.79 | 322.22 -10.58 -2.71 | 301.06 -9.97 0.00 | 271.51 -8.12 0.00 | 215.90 -7.24 -3.67 | 112.41 -3.11 -15.18 |
| NEG CENTRAL___INDECK 23768 | 88.30 -0.17 -44.76 | 85.31 -1.18 -35.27 | 77.05 -1.00 -32.53 | 77.28 -0.91 -30.31 | 86.86 -2.43 -27.12 | 86.28 -1.22 -29.60 | 96.45 -2.46 -34.07 | 92.33 -2.83 -30.90 | 147.32 -6.30 -24.96 | 154.44 -6.40 -27.46 | 148.13 -6.91 -27.14 | 90.73 -1.95 -41.36 | 88.56 -1.82 -39.78 | 88.35 -2.06 -34.66 | 88.38 -2.67 -31.60 | 184.91 -12.98 -9.78 | 253.26 -22.62 -3.34 | 378.16 -30.41 -8.62 | 365.01 -26.91 -7.58 | 308.45 -27.06 -5.43 | 286.45 -24.58 0.00 | 258.94 -20.69 0.00 | 206.69 -17.77 -4.99 | 113.36 -7.63 -20.65 |
| NEG CENTRAL___SENECA 23627 | 80.94 0.31 -36.91 | 80.66 0.36 -29.09 | 72.67 0.32 -26.83 | 73.16 0.29 -24.99 | 84.28 -0.25 -22.36 | 82.83 0.52 -24.41 | 92.74 -0.19 -28.10 | 89.42 -0.32 -25.48 | 148.08 -1.16 -20.58 | 154.83 -1.20 -22.64 | 148.75 -1.53 -22.38 | 85.43 0.00 -34.11 | 83.40 0.00 -32.80 | 84.33 0.00 -28.59 | 85.16 -0.35 -26.05 | 191.85 -4.32 -8.06 | 265.86 -8.73 -2.05 | 394.05 -11.20 -5.29 | 379.77 -9.23 -4.65 | 322.53 -10.88 -3.33 | 301.06 -9.97 0.00 | 271.51 -8.12 0.00 | 216.35 -7.24 -4.11 | 114.36 -3.01 -17.03 |
| NEG CENTRAL___STATE_STREET 24147 | 76.99 0.66 -32.61 | 77.57 0.66 -25.70 | 69.81 0.59 -23.70 | 70.54 0.58 -22.08 | 82.30 0.38 -19.76 | 80.28 0.81 -21.57 | 90.12 0.46 -24.82 | 87.29 0.51 -22.52 | 147.76 0.91 -18.19 | 154.60 1.20 -20.01 | 148.58 0.90 -19.78 | 82.24 0.77 -30.15 | 80.25 0.66 -29.00 | 81.79 0.78 -25.27 | 83.09 0.59 -23.03 | 194.67 -0.56 -7.13 | 271.45 -2.46 -1.37 | 401.49 -1.99 -3.52 | 387.06 -0.38 -3.10 | 329.32 -2.98 -2.22 | 307.92 -3.11 0.00 | 277.38 -2.25 0.00 | 219.82 -3.29 -3.63 | 113.88 -1.50 -15.05 |
| NEG MILLWOOD___DRP 24198 | 316.38 4.90 -267.77 | 267.89 5.68 -211.00 | 245.08 4.96 -194.60 | 234.30 5.13 -181.29 | 230.87 6.46 -162.24 | 241.28 6.31 -177.07 | 275.39 6.74 -203.81 | 254.89 6.81 -183.83 | 292.09 14.41 -149.01 | 312.41 15.20 -163.82 | 305.51 14.45 -163.16 | 307.70 6.10 -250.28 | 297.24 6.02 -240.63 | 271.97 6.57 -209.66 | 258.57 6.89 -192.21 | 271.49 20.14 -63.25 | 301.47 27.52 -1.42 | 433.21 36.01 2.76 | 416.10 34.19 2.44 | 358.92 30.35 1.51 | 341.73 28.93 -1.78 | 309.33 27.69 -2.01 | 276.28 23.93 -32.88 | 234.91 9.73 -124.85 |
| NEG NORTH_FLCN_SEA 23793 | 42.62 -1.09 0.00 | 49.83 -1.38 0.00 | 44.34 -1.18 0.00 | 46.64 -1.25 0.00 | 61.35 -0.81 0.00 | 56.51 -1.39 0.00 | 64.25 -0.58 0.00 | 63.55 -0.71 0.00 | 126.99 -1.68 0.00 | 132.05 -1.33 0.00 | 126.87 -1.03 0.00 | 50.45 -0.87 0.00 | 49.58 -1.01 0.00 | 54.79 -0.95 0.00 | 58.93 -0.54 0.00 | 189.43 1.33 0.00 | 276.35 3.81 0.00 | 412.37 12.41 0.00 | 396.64 12.30 0.00 | 339.00 8.92 0.00 | 317.24 6.22 0.00 | 283.83 4.20 0.00 | 222.32 2.85 0.00 | 102.54 2.20 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 42.01 -1.71 0.00 | 49.11 -2.10 0.00 | 43.70 -1.82 0.00 | 45.97 -1.92 0.00 | 60.67 -1.49 0.00 | 55.70 -2.20 0.00 | 63.41 -1.43 0.00 | 62.78 -1.48 0.00 | 125.45 -3.21 0.00 | 130.45 -2.94 0.00 | 125.34 -2.56 0.00 | 49.73 -1.59 0.00 | 48.82 -1.77 0.00 | 53.96 -1.79 0.00 | 57.98 -1.48 0.00 | 186.60 -1.51 0.00 | 273.09 0.55 0.00 | 407.17 7.21 0.00 | 391.63 7.28 0.00 | 334.70 4.62 0.00 | 313.50 2.48 0.00 | 280.47 0.84 0.00 | 219.91 0.44 0.00 | 101.24 0.90 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 42.67 -1.05 0.00 | 49.88 -1.33 0.00 | 44.34 -1.18 0.00 | 46.64 -1.25 0.00 | 61.42 -0.74 0.00 | 56.57 -1.33 0.00 | 64.32 -0.52 0.00 | 63.61 -0.64 0.00 | 127.25 -1.41 0.00 | 132.32 -1.07 0.00 | 127.26 -0.64 0.00 | 50.55 -0.77 0.00 | 49.69 -0.91 0.00 | 54.85 -0.89 0.00 | 58.99 -0.48 0.00 | 189.80 1.69 0.00 | 276.35 3.81 0.00 | 412.75 12.80 0.00 | 397.42 13.08 0.00 | 339.31 9.23 0.00 | 317.24 6.22 0.00 | 284.09 4.46 0.00 | 222.32 2.85 0.00 | 102.65 2.31 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 42.67 -1.05 0.00 | 49.88 -1.33 0.00 | 44.34 -1.18 0.00 | 46.64 -1.25 0.00 | 61.42 -0.74 0.00 | 56.57 -1.33 0.00 | 64.32 -0.52 0.00 | 63.61 -0.64 0.00 | 127.25 -1.41 0.00 | 132.32 -1.07 0.00 | 127.26 -0.64 0.00 | 50.55 -0.77 0.00 | 49.69 -0.91 0.00 | 54.85 -0.89 0.00 | 58.99 -0.48 0.00 | 189.80 1.69 0.00 | 276.35 3.81 0.00 | 412.75 12.80 0.00 | 397.42 13.08 0.00 | 339.31 9.23 0.00 | 317.24 6.22 0.00 | 284.09 4.46 0.00 | 222.32 2.85 0.00 | 102.65 2.31 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 42.67 -1.05 0.00 | 49.88 -1.33 0.00 | 44.34 -1.18 0.00 | 46.64 -1.25 0.00 | 61.42 -0.74 0.00 | 56.57 -1.33 0.00 | 64.32 -0.52 0.00 | 63.61 -0.64 0.00 | 127.25 -1.41 0.00 | 132.32 -1.07 0.00 | 127.26 -0.64 0.00 | 50.55 -0.77 0.00 | 49.69 -0.91 0.00 | 54.85 -0.89 0.00 | 58.99 -0.48 0.00 | 189.80 1.69 0.00 | 276.35 3.81 0.00 | 412.75 12.80 0.00 | 397.42 13.08 0.00 | 339.31 9.23 0.00 | 317.24 6.22 0.00 | 284.09 4.46 0.00 | 222.32 2.85 0.00 | 102.65 2.31 0.00 |

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|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| NEG WEST_LEA_LOCKPORT 23791 | 81.32 -1.62 -39.22 | 80.37 -1.74 -30.90 | 72.56 -1.46 -28.50 | 72.81 -1.63 -26.55 | 82.32 -3.61 -23.76 | 82.04 -1.80 -25.93 | 90.15 -4.54 -29.85 | 85.15 -6.17 -27.06 | 136.50 -14.02 -21.86 | 142.36 -15.07 -24.05 | 136.32 -15.35 -23.78 | 82.67 -4.88 -36.23 | 80.99 -4.45 -34.85 | 81.26 -4.85 -30.36 | 81.43 -5.71 -27.68 | 172.22 -24.45 -8.56 | 165.61 -43.34 63.59 | 173.27 -62.78 163.91 | 180.62 -59.56 144.16 | 174.04 -52.82 103.22 | 265.61 -45.42 0.00 | 242.71 -36.92 0.00 | 195.75 -28.09 -4.37 | 107.19 -11.24 -18.09 |
| NEG WEST__LANCASTR 23811 | 88.36 -0.83 -45.48 | 86.28 -0.77 -35.84 | 77.89 -0.68 -33.05 | 77.91 -0.77 -30.79 | 87.23 -2.49 -27.56 | 87.22 -0.75 -30.07 | 96.41 -3.05 -34.62 | 91.66 -3.98 -31.38 | 144.75 -9.27 -25.35 | 151.13 -10.14 -27.89 | 144.85 -10.61 -27.57 | 90.25 -3.08 -42.01 | 88.42 -2.58 -40.41 | 88.17 -2.79 -35.21 | 87.99 -3.57 -32.09 | 179.80 -18.24 -9.93 | 184.47 -32.16 55.91 | 209.46 -46.39 144.11 | 215.32 -42.28 126.75 | 200.04 -39.29 90.75 | 275.88 -35.15 0.00 | 251.40 -28.23 0.00 | 202.38 -22.16 -5.06 | 112.08 -9.23 -20.98 |
| NEG_PENN_ALLEGHNY 23528 | 129.88 1.31 -84.85 | 119.61 1.53 -66.86 | 108.55 1.36 -61.67 | 106.77 1.44 -57.45 | 115.00 1.43 -51.41 | 115.81 1.80 -56.11 | 130.79 1.36 -64.58 | 124.19 1.28 -58.65 | 178.36 2.32 -47.37 | 187.91 2.40 -52.12 | 181.34 1.92 -51.52 | 131.06 1.23 -78.51 | 127.32 1.21 -75.51 | 122.88 1.34 -65.80 | 120.63 1.19 -59.98 | 207.99 1.33 -18.56 | 265.24 -0.27 7.02 | 381.05 -0.80 18.11 | 368.80 0.38 15.93 | 317.36 -1.32 11.40 | 310.09 -0.93 0.00 | 279.91 0.28 0.00 | 228.94 0.00 -9.47 | 139.64 0.10 -39.20 |
| NEG__GEN_MONROE 24207 | 76.34 -0.39 -33.02 | 76.77 -0.46 -26.02 | 69.15 -0.37 -24.00 | 69.76 -0.48 -22.36 | 80.62 -1.55 -20.01 | 79.39 -0.35 -21.84 | 88.29 -1.69 -25.14 | 84.54 -2.51 -22.79 | 141.03 -6.05 -18.41 | 147.37 -6.27 -20.25 | 141.13 -6.78 -20.02 | 79.98 -1.85 -30.51 | 78.21 -1.72 -29.34 | 79.41 -1.90 -25.57 | 80.33 -2.44 -23.30 | 183.47 -11.84 -7.21 | 181.85 -21.81 68.87 | 391.69 -29.59 -21.32 | 376.18 -26.91 -18.75 | 317.42 -26.08 -13.43 | 288.33 -22.69 0.00 | 261.17 -18.46 0.00 | 208.01 -15.14 -3.68 | 109.55 -6.02 -15.23 |
| NEPA__ENERGY 23901 | 91.04 -1.27 -48.59 | 88.22 -1.28 -38.29 | 79.74 -1.09 -35.31 | 79.59 -1.20 -32.90 | 88.81 -2.80 -29.44 | 88.76 -1.27 -32.13 | 98.71 -3.11 -36.98 | 94.13 -3.66 -33.53 | 147.39 -8.36 -27.08 | 153.84 -9.34 -29.80 | 147.51 -9.85 -29.46 | 93.28 -2.92 -44.89 | 91.19 -2.58 -43.17 | 90.52 -2.84 -37.62 | 90.12 -3.63 -34.29 | 181.03 -17.69 -10.61 | 191.20 -30.52 50.82 | 224.55 -44.41 131.00 | 229.55 -39.58 115.22 | 209.64 -37.95 82.49 | 275.56 -35.46 0.00 | 251.11 -28.53 0.00 | 202.28 -22.60 -5.41 | 113.31 -9.44 -22.41 |
| NEVERSINK__HYD 23608 | 271.49 2.32 -225.46 | 231.53 2.66 -177.66 | 211.69 2.32 -163.85 | 203.45 2.92 -152.65 | 201.81 3.05 -136.61 | 210.00 3.01 -149.09 | 239.11 2.66 -171.61 | 222.18 3.86 -154.07 | 261.24 8.36 -124.22 | 279.04 8.94 -136.71 | 270.75 8.19 -134.66 | 259.42 3.59 -204.51 | 250.87 3.54 -196.73 | 231.03 3.84 -171.44 | 219.31 4.05 -155.80 | 246.23 11.48 -46.65 | 279.16 8.98 2.36 | 393.33 -3.21 3.42 | 379.43 -1.91 3.00 | 327.50 -0.33 2.25 | 313.08 2.79 0.74 | 294.45 15.65 0.83 | 257.07 14.06 -23.54 | 207.65 5.11 -102.20 |
| NEWTON__FALLS_HYD 23847 | 40.79 -2.93 0.00 | 47.68 -3.53 0.00 | 42.33 -3.19 0.00 | 44.39 -3.49 0.00 | 61.60 -0.56 0.00 | 53.96 -3.94 0.00 | 63.80 -1.04 0.00 | 63.23 -1.03 0.00 | 124.29 -4.38 0.00 | 129.65 -3.73 0.00 | 124.32 -3.58 0.00 | 49.27 -2.05 0.00 | 46.29 -4.30 0.00 | 51.06 -4.68 0.00 | 54.41 -5.05 0.00 | 172.50 -15.61 0.00 | 263.55 -8.99 0.00 | 392.35 -7.61 0.00 | 377.81 -6.54 0.00 | 321.84 -8.24 0.00 | 301.06 -9.97 0.00 | 272.36 -7.27 0.00 | 213.56 -5.92 0.00 | 98.43 -1.91 0.00 |
| NIAGARA____ 23760 | 81.15 -2.01 -39.45 | 80.09 -2.20 -31.08 | 72.28 -1.91 -28.67 | 72.48 -2.11 -26.71 | 82.02 -4.04 -23.90 | 81.61 -2.38 -26.09 | 90.00 -4.86 -30.02 | 85.05 -6.43 -27.22 | 136.24 -14.41 -21.99 | 142.11 -15.47 -24.19 | 136.08 -15.74 -23.91 | 82.58 -5.18 -36.44 | 80.84 -4.81 -35.05 | 81.04 -5.24 -30.54 | 81.18 -6.12 -27.84 | 171.70 -25.02 -8.61 | 166.33 -43.61 62.60 | 175.00 -63.60 161.35 | 182.10 -60.33 141.91 | 175.00 -53.47 101.61 | 264.68 -46.35 0.00 | 241.60 -38.03 0.00 | 195.12 -28.74 -4.39 | 106.99 -11.54 -18.19 |
| NINE_MILE_1 23575 | 58.40 -1.44 -16.13 | 62.27 -1.64 -12.71 | 55.78 -1.46 -11.72 | 57.22 -1.58 -10.92 | 69.70 -2.24 -9.77 | 66.66 -1.91 -10.66 | 74.65 -2.46 -12.27 | 72.87 -2.51 -11.12 | 132.50 -5.15 -8.98 | 137.93 -5.34 -9.88 | 132.42 -5.25 -9.77 | 64.36 -1.85 -14.89 | 63.10 -1.82 -14.32 | 66.22 -2.00 -12.48 | 68.58 -2.26 -11.37 | 183.36 -8.27 -3.52 | 260.58 -12.80 -0.84 | 383.34 -18.79 -2.17 | 368.58 -17.67 -1.91 | 315.61 -15.84 -1.37 | 296.10 -14.92 0.00 | 266.77 -12.86 0.00 | 210.96 -10.31 -1.79 | 103.26 -4.51 -7.43 |
| NINE_MILE_2 23744 | 58.29 -1.44 -16.01 | 62.19 -1.64 -12.62 | 55.70 -1.46 -11.64 | 57.15 -1.58 -10.84 | 69.63 -2.24 -9.70 | 66.58 -1.91 -10.59 | 74.56 -2.46 -12.19 | 72.80 -2.51 -11.05 | 132.44 -5.15 -8.92 | 137.86 -5.34 -9.81 | 132.35 -5.25 -9.70 | 64.31 -1.80 -14.79 | 63.00 -1.82 -14.22 | 66.13 -2.00 -12.39 | 68.50 -2.26 -11.29 | 183.33 -8.27 -3.50 | 260.56 -12.80 -0.82 | 383.29 -18.79 -2.12 | 368.53 -17.67 -1.86 | 315.58 -15.84 -1.33 | 296.41 -14.61 0.00 | 266.77 -12.86 0.00 | 210.94 -10.31 -1.78 | 103.20 -4.51 -7.38 |
| NM_CAPITAL__DRP 24208 | 380.77 2.93 -334.13 | 317.93 3.43 -263.29 | 291.44 3.10 -242.82 | 277.32 3.21 -226.22 | 268.65 4.04 -202.45 | 282.79 3.94 -220.95 | 323.50 4.34 -254.32 | 296.06 3.73 -228.08 | 320.86 7.98 -184.22 | 344.33 8.27 -202.67 | 336.20 7.93 -200.36 | 359.87 3.24 -305.32 | 347.44 3.19 -293.66 | 315.20 3.57 -255.89 | 296.44 3.75 -233.23 | 271.76 11.48 -72.17 | 286.86 15.25 0.93 | 415.58 18.01 2.39 | 398.38 16.14 2.10 | 344.09 15.52 1.51 | 325.95 14.93 0.00 | 295.00 15.37 0.00 | 269.46 13.17 -36.82 | 259.06 6.22 -152.50 |
| NM_CENTRAL__DRP 24181 | 64.23 -0.39 -20.91 | 67.22 -0.46 -16.48 | 60.30 -0.41 -15.20 | 61.56 -0.48 -14.16 | 73.96 -0.87 -12.67 | 71.15 -0.58 -13.83 | 79.78 -0.97 -15.91 | 77.71 -0.96 -14.42 | 138.12 -2.19 -11.65 | 143.93 -2.27 -12.81 | 138.27 -2.30 -12.67 | 70.06 -0.56 -19.30 | 68.55 -0.60 -18.56 | 71.25 -0.67 -16.18 | 73.38 -0.83 -14.74 | 188.35 -4.32 -4.56 | 265.19 -7.35 0.00 | 389.98 -9.98 0.00 | 375.12 -9.23 0.00 | 321.18 -8.90 0.00 | 302.64 -8.38 0.00 | 272.65 -6.98 0.00 | 215.88 -5.92 -2.33 | 107.36 -2.61 -9.63 |
| NM_FRONTIER__DRP 24179 | 81.99 -1.75 -40.03 | 80.81 -1.95 -31.54 | 72.97 -1.64 -29.09 | 73.17 -1.82 -27.10 | 82.56 -3.85 -24.25 | 82.34 -2.03 -26.47 | 90.44 -4.86 -30.47 | 85.07 -6.81 -27.62 | 135.53 -15.44 -22.31 | 141.39 -16.54 -24.55 | 135.42 -16.75 -24.27 | 82.81 -5.49 -36.98 | 81.10 -5.06 -35.57 | 81.21 -5.52 -30.99 | 81.29 -6.42 -28.25 | 170.51 -26.34 -8.74 | 163.08 -47.15 62.31 | 169.75 -69.61 160.60 | 176.60 -66.49 141.25 | 170.85 -58.10 101.14 | 261.89 -49.13 0.00 | 239.64 -40.00 0.00 | 194.30 -29.63 -4.46 | 107.06 -11.74 -18.46 |
| NM_ST_REGIS__HYD 24053 | 39.43 -4.28 0.00 | 46.04 -5.17 0.00 | 40.92 -4.60 0.00 | 42.90 -4.98 0.00 | 61.16 -1.00 0.00 | 52.29 -5.62 0.00 | 63.28 -1.56 0.00 | 62.46 -1.80 0.00 | 122.49 -6.17 0.00 | 127.79 -5.60 0.00 | 122.78 -5.12 0.00 | 48.09 -3.23 0.00 | 44.42 -6.17 0.00 | 49.05 -6.69 0.00 | 52.57 -6.90 0.00 | 168.54 -19.57 0.00 | 262.74 -9.80 0.00 | 393.16 -6.80 0.00 | 378.59 -5.75 0.00 | 322.50 -7.58 0.00 | 301.06 -9.97 0.00 | 272.09 -7.54 0.00 | 213.77 -5.71 0.00 | 99.14 -1.20 0.00 |
| NORTHPORT__1 23551 | 311.30 5.20 -262.38 | 264.31 6.35 -206.75 | 241.39 5.19 -190.68 | 231.27 5.74 -177.64 | 228.09 6.96 -158.97 | 238.12 6.71 -173.50 | 271.81 7.26 -199.71 | 259.59 6.94 -188.39 | 300.62 13.77 -158.18 | 318.38 14.13 -170.86 | 328.72 13.05 -187.77 | 340.91 5.65 -283.95 | 335.37 5.67 -279.11 | 315.97 5.97 -254.26 | 315.82 6.13 -250.23 | 311.63 18.24 -105.28 | 322.73 22.61 -27.58 | 419.68 22.79 3.07 | 403.16 21.51 2.70 | 350.49 22.46 2.04 | 345.83 22.69 -12.11 | 324.37 22.09 -22.65 | 306.31 20.86 -65.97 | 261.34 7.83 -153.17 |
| NORTHPORT__2 23552 | 311.30 5.20 -262.38 | 264.31 6.35 -206.75 | 241.39 5.19 -190.68 | 231.27 5.74 -177.64 | 228.09 6.96 -158.97 | 238.12 6.71 -173.50 | 271.81 7.26 -199.71 | 259.59 6.94 -188.39 | 300.62 13.77 -158.18 | 318.38 14.13 -170.86 | 328.72 13.05 -187.77 | 340.91 5.65 -283.95 | 335.37 5.67 -279.11 | 315.97 5.97 -254.26 | 315.82 6.13 -250.23 | 311.63 18.24 -105.28 | 322.73 22.61 -27.58 | 419.68 22.79 3.07 | 403.16 21.51 2.70 | 350.49 22.46 2.04 | 345.83 22.69 -12.11 | 324.37 22.09 -22.65 | 306.31 20.86 -65.97 | 261.34 7.83 -153.17 |

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| NORTHPORT___3 23553 | 311.08 4.98 -262.38 | 264.00 6.04 -206.75 | 241.16 4.96 -190.68 | 230.98 5.46 -177.64 | 227.72 6.59 -158.97 | 237.77 6.37 -173.50 | 271.42 6.87 -199.71 | 259.39 6.75 -188.39 | 300.75 13.90 -158.18 | 318.92 14.67 -170.86 | 329.48 13.82 -187.77 | 340.87 5.95 -283.60 | 335.39 5.92 -278.88 | 316.32 6.35 -254.23 | 316.24 6.54 -250.23 | 312.63 19.56 -104.96 | 324.60 24.54 -27.52 | 421.70 24.81 3.07 | 406.61 24.97 2.70 | 353.77 25.76 2.07 | 348.16 25.18 -11.95 | 326.83 24.61 -22.59 | 307.49 22.16 -65.85 | 261.43 7.92 -153.17 |
| NORTHPORT___4 23650 | 311.08 4.98 -262.38 | 264.00 6.04 -206.75 | 241.16 4.96 -190.68 | 230.98 5.46 -177.64 | 227.72 6.59 -158.97 | 237.77 6.37 -173.50 | 271.42 6.87 -199.71 | 259.39 6.75 -188.39 | 300.75 13.90 -158.18 | 318.92 14.67 -170.86 | 329.48 13.82 -187.77 | 340.87 5.95 -283.60 | 335.39 5.92 -278.88 | 316.32 6.35 -254.23 | 316.24 6.54 -250.23 | 312.63 19.56 -104.96 | 324.60 24.54 -27.52 | 421.70 24.81 3.07 | 406.61 24.97 2.70 | 353.77 25.76 2.07 | 348.16 25.18 -11.95 | 326.83 24.61 -22.59 | 307.49 22.16 -65.85 | 261.43 7.92 -153.17 |
| NORTHPORT___IC 23718 | 311.30 5.20 -262.38 | 264.31 6.35 -206.75 | 241.39 5.19 -190.68 | 231.27 5.74 -177.64 | 228.09 6.96 -158.97 | 238.12 6.71 -173.50 | 271.81 7.26 -199.71 | 259.59 6.94 -188.39 | 300.62 13.77 -158.18 | 318.38 14.13 -170.86 | 328.72 13.05 -187.77 | 340.91 5.65 -283.95 | 335.37 5.67 -279.11 | 315.97 5.97 -254.26 | 315.82 6.13 -250.23 | 311.63 18.24 -105.28 | 322.73 22.61 -27.58 | 419.68 22.79 3.07 | 403.16 21.51 2.70 | 350.49 22.46 2.04 | 345.83 22.69 -12.11 | 324.37 22.09 -22.65 | 306.31 20.86 -65.97 | 261.34 7.83 -153.17 |
| NPX_GEN_1385_PROXY 323591 | 311.96 5.86 -262.38 | 265.29 7.32 -206.75 | 242.25 6.05 -190.68 | 232.32 6.80 -177.64 | 229.47 8.33 -158.97 | 238.03 8.05 -172.08 | 259.85 8.69 -186.32 | 274.91 7.45 -203.20 | 299.59 12.74 -158.18 | 317.46 13.21 -170.86 | 340.73 11.00 -201.83 | 326.39 5.18 -269.89 | 335.06 5.36 -279.11 | 314.27 4.79 -253.73 | 296.69 4.40 -232.82 | 271.79 12.97 -70.71 | 332.59 15.53 -44.52 | 417.28 20.39 3.07 | 397.79 16.14 2.70 | 347.18 19.14 2.04 | 339.61 16.47 -12.11 | 312.12 15.09 -17.40 | 285.79 14.93 -51.39 | 260.33 6.83 -153.17 |
| NPX_GEN_CSC 323557 | 310.47 4.37 -262.38 | 263.39 5.43 -206.75 | 240.48 4.28 -190.68 | 230.31 4.79 -177.64 | 226.79 5.66 -158.97 | 235.49 5.50 -172.08 | 257.19 6.03 -186.32 | 273.36 5.91 -203.20 | 298.17 11.33 -158.18 | 313.98 9.73 -170.86 | 337.79 8.06 -201.83 | 327.00 3.54 -272.14 | 334.73 3.54 -280.59 | 313.97 3.74 -254.50 | 313.92 4.22 -250.23 | 284.88 12.60 -84.17 | 338.75 14.98 -51.23 | 401.71 4.82 3.07 | 385.10 3.45 2.70 | 334.83 6.60 1.85 | 334.44 10.25 -13.17 | 314.41 11.74 -23.03 | 301.82 15.58 -66.76 | 259.93 6.43 -153.17 |
| NSINS_S_GLNS_FALLS 23858 | 383.04 3.41 -335.91 | 319.59 3.69 -264.69 | 293.05 3.42 -244.12 | 278.71 3.40 -227.43 | 270.04 4.35 -203.53 | 284.37 4.34 -222.12 | 325.50 4.99 -255.67 | 298.23 4.75 -229.22 | 324.22 10.42 -185.14 | 347.87 10.80 -203.68 | 338.98 9.72 -201.37 | 361.96 3.80 -306.84 | 349.31 3.59 -295.12 | 316.87 3.96 -257.17 | 298.15 4.28 -234.40 | 274.19 13.55 -72.53 | 290.16 18.54 0.92 | 421.58 24.00 2.37 | 402.23 19.97 2.09 | 347.72 19.14 1.50 | 329.69 18.66 0.00 | 297.54 17.91 0.00 | 271.83 14.71 -37.65 | 262.91 6.62 -155.96 |
| NUCOR_STEEL___DRP 24197 | 76.29 0.09 -32.49 | 76.86 0.05 -25.60 | 69.17 0.05 -23.61 | 69.88 0.00 -21.99 | 81.47 -0.37 -19.68 | 79.50 0.12 -21.48 | 89.24 -0.32 -24.73 | 86.37 -0.32 -22.44 | 146.02 -0.77 -18.12 | 152.79 -0.53 -19.94 | 146.72 -0.89 -19.71 | 81.35 0.00 -30.03 | 79.43 -0.05 -28.89 | 80.91 0.00 -25.17 | 82.17 -0.24 -22.94 | 192.19 -3.02 -7.10 | 267.78 -6.00 -1.24 | 395.53 -7.61 -3.19 | 381.39 -5.75 -2.80 | 324.82 -7.26 -2.01 | 303.88 -7.14 0.00 | 273.75 -5.89 0.00 | 217.18 -5.92 -3.62 | 112.72 -2.61 -14.99 |
| NYISO_LBMP_REFERENCE 24008 | 43.71 0.00 0.00 | 51.21 0.00 0.00 | 45.52 0.00 0.00 | 47.88 0.00 0.00 | 62.16 0.00 0.00 | 57.90 0.00 0.00 | 64.84 0.00 0.00 | 64.26 0.00 0.00 | 128.67 0.00 0.00 | 133.39 0.00 0.00 | 127.90 0.00 0.00 | 51.32 0.00 0.00 | 50.59 0.00 0.00 | 55.74 0.00 0.00 | 59.46 0.00 0.00 | 188.11 0.00 0.00 | 272.54 0.00 0.00 | 399.96 0.00 0.00 | 384.35 0.00 0.00 | 330.08 0.00 0.00 | 311.02 0.00 0.00 | 279.63 0.00 0.00 | 219.47 0.00 0.00 | 100.34 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 311.56 5.46 -262.38 | 264.62 6.65 -206.75 | 241.66 5.46 -190.68 | 231.51 5.98 -177.64 | 228.40 7.27 -158.97 | 238.41 7.00 -173.50 | 272.20 7.65 -199.71 | 260.03 7.39 -188.39 | 301.64 14.79 -158.18 | 319.58 15.33 -170.86 | 329.86 14.20 -187.77 | 346.80 6.10 -289.38 | 339.40 6.12 -282.69 | 317.03 6.46 -254.83 | 316.42 6.72 -250.24 | 318.65 20.14 -110.41 | 326.71 25.61 -28.56 | 423.28 26.39 3.07 | 406.61 24.97 2.70 | 353.26 24.77 1.59 | 351.19 25.51 -14.65 | 328.38 25.18 -23.58 | 310.38 23.04 -67.87 | 262.23 8.72 -153.17 |
| NYPA_GOWANUS___GT5 24156 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NYPA_GOWANUS___GT6 24157 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |
| NYPA_HARLEM__RVR__GT1 24160 | 311.19 5.11 -262.37 | 264.09 6.14 -206.74 | 241.60 5.41 -190.66 | 231.16 5.65 -177.63 | 228.21 7.08 -158.96 | 238.16 6.77 -173.48 | 271.28 6.74 -199.70 | 269.50 6.75 -198.49 | 354.50 13.90 -211.94 | 412.25 14.54 -264.32 | 394.76 13.82 -253.04 | 449.25 5.85 -392.08 | 452.53 5.82 -396.12 | 440.37 6.41 -378.22 | 440.22 6.66 -374.09 | 423.76 19.93 -215.73 | 438.04 26.17 -139.33 | 521.96 32.38 -89.62 | 491.26 30.76 -76.16 | 446.02 28.39 -87.55 | 394.39 27.38 -55.99 | 386.55 26.28 -80.64 | 371.14 23.25 -128.41 | 300.71 9.33 -191.04 |
| NYPA_HARLEM__RVR__GT2 24161 | 311.19 5.11 -262.37 | 264.09 6.14 -206.74 | 241.60 5.41 -190.66 | 231.16 5.65 -177.63 | 228.21 7.08 -158.96 | 238.16 6.77 -173.48 | 271.28 6.74 -199.70 | 269.50 6.75 -198.49 | 354.50 13.90 -211.94 | 412.25 14.54 -264.32 | 394.76 13.82 -253.04 | 449.25 5.85 -392.08 | 452.53 5.82 -396.12 | 440.37 6.41 -378.22 | 440.22 6.66 -374.09 | 423.76 19.93 -215.73 | 438.04 26.17 -139.33 | 521.96 32.38 -89.62 | 491.26 30.76 -76.16 | 446.02 28.39 -87.55 | 394.39 27.38 -55.99 | 386.55 26.28 -80.64 | 371.14 23.25 -128.41 | 300.71 9.33 -191.04 |
| NYPA_KENT___GT 24152 | 311.24 5.16 -262.37 | 263.94 5.99 -206.74 | 241.37 5.19 -190.66 | 230.92 5.41 -177.63 | 227.90 6.78 -158.96 | 237.93 6.54 -173.48 | 271.54 7.00 -199.70 | 269.77 7.01 -198.51 | 361.62 14.28 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.47 6.05 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 424.91 21.06 -215.74 | 451.02 27.25 -151.23 | 540.48 34.78 -105.74 | 578.05 33.06 -160.64 | 462.42 30.03 -102.30 | 396.74 29.23 -56.48 | 391.55 27.42 -84.50 | 372.46 24.58 -128.41 | 301.22 9.84 -191.05 |
| NYPA_POUCH1___GT 24155 | 311.41 5.33 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.93 6.54 -173.48 | 271.61 7.07 -199.70 | 269.77 7.01 -198.51 | 364.09 13.63 -221.79 | 432.62 14.41 -284.82 | 402.76 13.94 -260.92 | 469.86 5.90 -412.64 | 491.69 5.87 -435.23 | 484.16 6.46 -421.96 | 482.08 6.72 -415.90 | 436.06 21.62 -226.33 | 487.20 26.43 -188.23 | 547.14 33.98 -113.21 | 661.21 32.29 -244.57 | 487.39 29.37 -127.94 | 396.96 29.23 -56.71 | 392.50 26.58 -86.29 | 372.68 24.79 -128.42 | 301.32 9.94 -191.05 |
| NYPA_VERNON___GT2 24162 | 311.15 5.07 -262.37 | 263.84 5.89 -206.74 | 241.33 5.14 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.48 6.94 -199.70 | 269.71 6.94 -198.51 | 361.62 14.28 -218.67 | 426.78 15.07 -278.33 | 400.65 14.32 -258.43 | 449.47 6.05 -392.09 | 456.89 6.02 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 424.54 20.69 -215.74 | 450.75 26.99 -151.23 | 539.67 33.98 -105.74 | 530.82 32.29 -114.19 | 462.10 29.72 -102.30 | 396.11 28.60 -56.48 | 391.25 27.12 -84.50 | 371.81 23.93 -128.41 | 301.02 9.63 -191.05 |

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|-------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| NYPA_VERNON____GT3 24163 | 311.15 5.07 -262.37 | 263.84 5.89 -206.74 | 241.33 5.14 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.48 6.94 -199.70 | 269.71 6.94 -198.51 | 361.62 14.28 -218.67 | 426.78 15.07 -278.33 | 400.65 14.32 -258.43 | 449.47 6.05 -392.09 | 456.89 6.02 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 424.54 20.69 -215.74 | 450.75 26.99 -151.23 | 539.67 33.98 -105.74 | 530.82 32.29 -114.19 | 462.10 29.72 -102.30 | 396.11 28.60 -56.48 | 391.25 27.12 -84.50 | 371.81 23.93 -128.41 | 301.02 9.63 -191.05 |
| NYPA____ASTORIA_CC1 323568 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.49 14.15 -218.67 | 426.52 14.80 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.44 29.05 -102.30 | 395.51 28.00 -56.48 | 390.98 26.85 -84.50 | 371.60 23.71 -128.42 | 300.92 9.54 -191.05 |
| NYPA____ASTORIA_CC2 323569 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.49 14.15 -218.67 | 426.52 14.80 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.44 29.05 -102.30 | 395.51 28.00 -56.48 | 390.98 26.85 -84.50 | 371.60 23.71 -128.42 | 300.92 9.54 -191.05 |
| NYPA____HOLTSVILL 23794 | 311.12 5.03 -262.38 | 264.11 6.14 -206.75 | 241.16 4.96 -190.68 | 231.03 5.50 -177.64 | 227.72 6.59 -158.97 | 237.83 6.43 -173.50 | 271.49 6.94 -199.71 | 259.39 6.75 -188.39 | 300.35 13.51 -158.18 | 317.59 13.34 -170.86 | 327.82 12.16 -187.77 | 342.50 5.18 -286.00 | 336.27 5.21 -280.46 | 315.79 5.57 -254.48 | 315.59 5.89 -250.23 | 312.82 17.50 -107.22 | 322.56 22.07 -27.95 | 414.47 17.58 3.07 | 397.79 16.14 2.70 | 345.36 17.15 1.87 | 344.30 20.21 -13.07 | 323.03 20.40 -23.00 | 306.58 20.41 -66.69 | 261.23 7.73 -153.17 |
| NYPA____HELLGATE_GT1 24158 | 311.19 5.11 -262.37 | 264.09 6.14 -206.74 | 241.60 5.41 -190.66 | 231.16 5.65 -177.63 | 228.21 7.08 -158.96 | 238.16 6.77 -173.48 | 271.28 6.74 -199.70 | 269.50 6.75 -198.49 | 354.50 13.90 -211.94 | 412.25 14.54 -264.32 | 394.76 13.82 -253.04 | 449.25 5.85 -392.08 | 452.53 5.82 -396.12 | 440.37 6.41 -378.22 | 440.22 6.66 -374.09 | 423.76 19.93 -215.73 | 438.04 26.17 -139.33 | 521.96 32.38 -89.62 | 491.26 30.76 -76.16 | 446.02 28.39 -87.55 | 394.39 27.38 -55.99 | 386.55 26.28 -80.64 | 371.14 23.25 -128.41 | 300.71 9.33 -191.04 |
| NYPA____HELLGATE_GT2 24159 | 311.19 5.11 -262.37 | 264.09 6.14 -206.74 | 241.60 5.41 -190.66 | 231.16 5.65 -177.63 | 228.21 7.08 -158.96 | 238.16 6.77 -173.48 | 271.28 6.74 -199.70 | 269.50 6.75 -198.49 | 354.50 13.90 -211.94 | 412.25 14.54 -264.32 | 394.76 13.82 -253.04 | 449.25 5.85 -392.08 | 452.53 5.82 -396.12 | 440.37 6.41 -378.22 | 440.22 6.66 -374.09 | 423.76 19.93 -215.73 | 438.04 26.17 -139.33 | 521.96 32.38 -89.62 | 491.26 30.76 -76.16 | 446.02 28.39 -87.55 | 394.39 27.38 -55.99 | 386.55 26.28 -80.64 | 371.14 23.25 -128.41 | 300.71 9.33 -191.04 |
| NYS_BARGE____HYD 23848 | 81.17 -1.40 -38.86 | 80.29 -1.53 -30.62 | 72.49 -1.27 -28.24 | 72.76 -1.44 -26.31 | 82.35 -3.36 -23.54 | 82.04 -1.56 -25.70 | 90.07 -4.34 -29.58 | 85.03 -6.04 -26.82 | 136.56 -13.77 -21.66 | 142.54 -14.67 -23.83 | 136.49 -14.96 -23.56 | 82.45 -4.77 -35.90 | 80.82 -4.30 -34.53 | 81.14 -4.68 -30.09 | 81.36 -5.53 -27.42 | 172.70 -23.89 -8.49 | 166.04 -42.78 63.72 | 173.32 -62.38 164.25 | 180.70 -59.18 144.46 | 174.15 -52.49 103.44 | 266.24 -44.78 0.00 | 243.28 -36.35 0.00 | 196.36 -27.44 -4.33 | 107.32 -10.93 -17.92 |
| O.H._GEN_BRUCE 24063 | 85.11 -1.83 -43.23 | 83.27 -2.00 -34.06 | 75.20 -1.73 -31.41 | 75.28 -1.87 -29.27 | 84.62 -3.73 -26.19 | 82.99 -2.08 -27.17 | 80.00 -4.34 -19.51 | 103.31 -5.59 -44.64 | 140.16 -12.60 -24.09 | 146.29 -13.61 -26.51 | 154.35 -13.82 -40.27 | 72.73 -4.47 -25.87 | 84.85 -4.15 -38.41 | 84.64 -4.57 -33.47 | 84.62 -5.35 -30.50 | 151.73 -22.58 13.80 | 200.00 -38.98 33.56 | 196.77 -56.79 146.40 | 202.17 -53.41 128.76 | 189.68 -48.20 92.19 | 268.73 -42.30 0.00 | 244.95 -34.68 0.00 | 197.72 -26.56 -4.81 | 109.54 -10.73 -19.94 |
| OAK ORCHARD____HYD 24046 | 74.39 -1.05 -31.73 | 74.98 -1.23 -25.00 | 67.48 -1.09 -23.06 | 68.17 -1.20 -21.48 | 79.02 -2.36 -19.22 | 77.55 -1.33 -20.98 | 86.46 -2.53 -24.15 | 83.00 -3.15 -21.89 | 139.15 -7.20 -17.68 | 145.38 -7.47 -19.45 | 139.33 -7.81 -19.23 | 78.22 -2.41 -29.31 | 76.51 -2.28 -28.19 | 77.80 -2.51 -24.56 | 78.82 -3.03 -22.39 | 182.06 -12.98 -6.93 | 180.18 -22.34 70.02 | 387.13 -31.20 -18.37 | 371.67 -28.83 -16.16 | 314.59 -27.06 -11.57 | 287.08 -23.94 0.00 | 259.49 -20.14 0.00 | 206.77 -16.24 -3.53 | 108.25 -6.72 -14.63 |
| OCC_CHEM____DRP 24175 | 82.15 -1.66 -40.10 | 81.01 -1.79 -31.60 | 73.12 -1.55 -29.14 | 73.31 -1.72 -27.15 | 82.73 -3.73 -24.30 | 82.51 -1.91 -26.52 | 90.63 -4.73 -30.52 | 85.31 -6.62 -27.67 | 135.96 -15.05 -22.35 | 141.83 -16.14 -24.59 | 135.84 -16.37 -24.31 | 83.03 -5.34 -37.04 | 81.37 -4.86 -35.63 | 81.49 -5.30 -31.05 | 81.58 -6.19 -28.30 | 171.10 -25.76 -8.76 | 164.20 -46.06 62.27 | 171.85 -67.60 160.51 | 178.61 -64.56 141.17 | 172.23 -56.77 101.08 | 262.82 -48.20 0.00 | 240.77 -38.86 0.00 | 194.75 -29.19 -4.47 | 107.30 -11.54 -18.50 |
| OLIN_CORP_DRP 24177 | 82.15 -1.66 -40.10 | 81.01 -1.79 -31.60 | 73.12 -1.55 -29.14 | 73.31 -1.72 -27.15 | 82.73 -3.73 -24.30 | 82.51 -1.91 -26.52 | 90.63 -4.73 -30.52 | 85.31 -6.62 -27.67 | 135.96 -15.05 -22.35 | 141.83 -16.14 -24.59 | 135.84 -16.37 -24.31 | 83.03 -5.34 -37.04 | 81.37 -4.86 -35.63 | 81.49 -5.30 -31.05 | 81.58 -6.19 -28.30 | 171.10 -25.76 -8.76 | 164.20 -46.06 62.27 | 171.85 -67.60 160.51 | 178.61 -64.56 141.17 | 172.23 -56.77 101.08 | 262.82 -48.20 0.00 | 240.77 -38.86 0.00 | 194.75 -29.19 -4.47 | 107.30 -11.54 -18.50 |
| ONEIDA_HERK_LFGE 323681 | 44.06 0.35 0.00 | 51.62 0.41 0.00 | 45.84 0.32 0.00 | 48.17 0.29 0.00 | 63.10 0.93 0.00 | 58.36 0.46 0.00 | 65.81 0.97 0.00 | 65.42 1.16 0.00 | 130.47 1.80 0.00 | 135.65 2.27 0.00 | 130.07 2.17 0.00 | 52.24 0.92 0.00 | 51.05 0.45 0.00 | 56.30 0.56 0.00 | 59.94 0.47 0.00 | 188.67 0.57 0.00 | 274.71 2.17 0.00 | 405.14 5.19 0.00 | 390.12 5.77 0.00 | 333.72 3.64 0.00 | 313.50 2.48 0.00 | 282.14 2.51 0.00 | 220.80 1.32 0.00 | 101.04 0.71 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 68.44 -0.17 -24.90 | 70.63 -0.20 -19.62 | 63.44 -0.18 -18.10 | 64.51 -0.24 -16.86 | 76.69 -0.56 -15.09 | 74.14 -0.23 -16.47 | 83.15 -0.65 -18.96 | 80.86 -0.58 -17.18 | 141.13 -1.41 -13.88 | 147.32 -1.33 -15.27 | 141.59 -1.40 -15.09 | 74.06 -0.26 -23.00 | 72.46 -0.25 -22.12 | 74.69 -0.33 -19.28 | 76.56 -0.48 -17.57 | 190.53 -3.02 -5.44 | 267.09 -5.45 0.00 | 392.77 -7.19 0.00 | 377.81 -6.54 0.00 | 323.48 -6.60 0.00 | 304.81 -6.22 0.00 | 274.31 -5.32 0.00 | 217.42 -4.83 -2.77 | 109.70 -2.11 -11.48 |
| ONONDAGA____COGEN 23986 | 68.66 -0.22 -25.17 | 70.73 -0.31 -19.83 | 63.54 -0.27 -18.29 | 64.64 -0.29 -17.04 | 76.79 -0.62 -15.25 | 74.20 -0.35 -16.64 | 82.95 -1.04 -19.15 | 80.66 -0.96 -17.36 | 140.38 -2.31 -14.02 | 146.55 -2.27 -15.43 | 140.85 -2.30 -15.25 | 74.00 -0.56 -23.24 | 72.34 -0.60 -22.35 | 74.61 -0.61 -19.48 | 76.39 -0.83 -17.75 | 189.28 -4.32 -5.49 | 266.15 -7.35 -0.96 | 392.03 -10.40 -2.47 | 377.29 -9.23 -2.17 | 322.40 -9.24 -1.56 | 302.64 -8.38 0.00 | 272.36 -7.27 0.00 | 215.90 -6.37 -2.80 | 109.13 -2.81 -11.60 |
| ONTARIO____LFGE 23819 | 80.94 0.31 -36.91 | 80.66 0.36 -29.09 | 72.67 0.32 -26.83 | 73.16 0.29 -24.99 | 84.28 -0.25 -22.36 | 82.83 0.52 -24.41 | 92.74 -0.19 -28.10 | 89.42 -0.32 -25.48 | 148.08 -1.16 -20.58 | 154.83 -1.20 -22.64 | 148.75 -1.53 -22.38 | 85.43 0.00 -34.11 | 83.40 0.00 -32.80 | 84.33 0.00 -28.59 | 85.16 -0.35 -26.05 | 191.85 -4.32 -8.06 | 265.86 -8.73 -2.05 | 394.05 -11.20 -5.29 | 379.77 -9.23 -4.65 | 322.53 -10.88 -3.33 | 301.06 -9.97 0.00 | 271.51 -8.12 0.00 | 216.35 -7.24 -4.11 | 114.36 -3.01 -17.03 |
| ORANGEVILLE_WT_PWR 323706 | 91.00 -0.44 -47.72 | 88.40 -0.41 -37.60 | 79.88 -0.32 -34.68 | 79.81 -0.38 -32.31 | 89.27 -1.80 -28.91 | 89.17 -0.29 -31.56 | 98.83 -2.33 -36.32 | 93.92 -3.27 -32.94 | 147.41 -7.85 -26.60 | 154.11 -8.54 -29.27 | 147.87 -8.96 -28.93 | 92.90 -2.51 -44.09 | 90.82 -2.17 -42.40 | 90.35 -2.34 -36.95 | 90.11 -3.03 -33.68 | 183.11 -15.42 -10.42 | 253.74 -28.07 -9.27 | 383.46 -40.38 -23.88 | 367.70 -37.65 -21.00 | 310.47 -34.65 -15.04 | 280.56 -30.47 0.00 | 255.30 -24.33 0.00 | 205.69 -19.10 -5.31 | 114.63 -7.72 -22.01 |

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| OSWEGATCHIE___HYD 24044 | 40.79 -2.93 0.00 | 47.68 -3.53 0.00 | 42.33 -3.19 0.00 | 44.39 -3.49 0.00 | 61.60 -0.56 0.00 | 53.96 -3.94 0.00 | 63.80 -1.04 0.00 | 63.23 -1.03 0.00 | 124.29 -4.38 0.00 | 129.65 -3.73 0.00 | 124.32 -3.58 0.00 | 49.27 -2.05 0.00 | 46.29 -4.30 0.00 | 51.06 -4.68 0.00 | 54.41 -5.05 0.00 | 172.50 -15.61 0.00 | 263.55 -8.99 0.00 | 392.35 -7.61 0.00 | 377.81 -6.54 0.00 | 321.84 -8.24 0.00 | 301.06 -9.97 0.00 | 272.36 -7.27 0.00 | 213.56 -5.92 0.00 | 98.43 -1.91 0.00 |
| OSWEGO___5 23606 | 61.14 -1.05 -18.47 | 64.53 -1.23 -14.55 | 57.85 -1.09 -13.42 | 59.24 -1.15 -12.51 | 71.61 -1.74 -11.19 | 68.73 -1.39 -12.21 | 77.01 -1.88 -14.06 | 75.07 -1.93 -12.74 | 134.83 -4.12 -10.29 | 140.43 -4.27 -11.32 | 134.87 -4.22 -11.19 | 66.99 -1.38 -17.05 | 65.63 -1.36 -16.40 | 68.53 -1.50 -14.29 | 70.71 -1.78 -13.03 | 185.38 -6.76 -4.03 | 261.63 -10.91 0.00 | 384.35 -15.60 0.00 | 369.74 -14.60 0.00 | 316.87 -13.21 0.00 | 298.57 -12.45 0.00 | 269.01 -10.63 0.00 | 212.97 -8.56 -2.06 | 105.04 -3.81 -8.51 |
| OSWEGO___6 23613 | 61.14 -1.05 -18.47 | 64.53 -1.23 -14.55 | 57.85 -1.09 -13.42 | 59.24 -1.15 -12.51 | 71.61 -1.74 -11.19 | 68.73 -1.39 -12.21 | 77.01 -1.88 -14.06 | 75.07 -1.93 -12.74 | 134.83 -4.12 -10.29 | 140.43 -4.27 -11.32 | 134.87 -4.22 -11.19 | 66.99 -1.38 -17.05 | 65.63 -1.36 -16.40 | 68.53 -1.50 -14.29 | 70.71 -1.78 -13.03 | 185.38 -6.76 -4.03 | 261.63 -10.91 0.00 | 384.35 -15.60 0.00 | 369.74 -14.60 0.00 | 316.87 -13.21 0.00 | 298.57 -12.45 0.00 | 269.01 -10.63 0.00 | 212.97 -8.56 -2.06 | 105.04 -3.81 -8.51 |
| OUTOKUMPU-AB___DRP 24206 | 83.34 -0.96 -40.59 | 82.22 -0.97 -31.98 | 74.20 -0.82 -29.50 | 74.41 -0.96 -27.48 | 83.89 -2.86 -24.59 | 83.81 -0.93 -26.84 | 91.77 -3.96 -30.89 | 86.74 -5.53 -28.01 | 138.55 -12.74 -22.62 | 144.67 -13.61 -24.89 | 138.57 -13.94 -24.61 | 84.55 -4.26 -37.49 | 82.96 -3.69 -36.06 | 83.15 -4.01 -31.42 | 83.23 -4.87 -28.64 | 174.39 -22.58 -8.86 | 170.15 -40.33 62.05 | 181.60 -58.41 159.95 | 188.33 -55.34 140.68 | 180.17 -49.18 100.73 | 269.03 -42.00 0.00 | 245.51 -34.13 0.00 | 198.09 -25.90 -4.52 | 108.62 -10.44 -18.72 |
| OXBOW___ 24026 | 82.89 -1.18 -40.35 | 81.78 -1.23 -31.80 | 73.80 -1.05 -29.32 | 74.01 -1.20 -27.32 | 83.50 -3.11 -24.45 | 83.37 -1.22 -26.68 | 91.01 -4.54 -30.71 | 85.87 -6.23 -27.85 | 137.00 -14.15 -22.49 | 142.92 -15.21 -24.74 | 136.88 -15.48 -24.46 | 83.72 -4.88 -37.28 | 82.09 -4.35 -35.85 | 82.24 -4.74 -31.24 | 82.29 -5.65 -28.47 | 172.47 -24.45 -8.81 | 166.77 -43.61 62.16 | 176.13 -63.60 160.22 | 183.09 -60.33 140.92 | 175.71 -53.47 100.90 | 265.31 -45.71 0.00 | 242.71 -36.92 0.00 | 196.09 -27.88 -4.49 | 107.71 -11.24 -18.61 |
| OXY_CHEM_DSASP 323612 | 82.15 -1.66 -40.10 | 81.01 -1.79 -31.60 | 73.12 -1.55 -29.14 | 73.31 -1.72 -27.15 | 82.73 -3.73 -24.30 | 82.51 -1.91 -26.52 | 90.63 -4.73 -30.52 | 85.31 -6.62 -27.67 | 135.96 -15.05 -22.35 | 141.83 -16.14 -24.59 | 135.84 -16.37 -24.31 | 83.03 -5.34 -37.04 | 81.37 -4.86 -35.63 | 81.49 -5.30 -31.05 | 81.58 -6.19 -28.30 | 171.10 -25.76 -8.76 | 164.20 -46.06 62.27 | 171.85 -67.60 160.51 | 178.61 -64.56 141.17 | 172.23 -56.77 101.08 | 262.82 -48.20 0.00 | 240.77 -38.86 0.00 | 194.75 -29.19 -4.47 | 107.30 -11.54 -18.50 |
| PEEKSKILL___ 23653 | 308.15 4.20 -260.24 | 261.14 4.87 -205.07 | 238.83 4.19 -189.13 | 228.44 4.36 -176.20 | 225.31 5.47 -157.68 | 235.38 5.39 -172.09 | 268.68 5.77 -198.08 | 244.30 5.85 -174.19 | 278.52 12.48 -137.38 | 298.20 12.93 -151.88 | 282.88 12.28 -142.70 | 263.76 5.18 -207.26 | 255.68 5.16 -199.93 | 235.77 5.69 -174.34 | 217.35 5.89 -151.99 | 228.98 17.12 -23.76 | 277.98 22.61 17.17 | 423.27 27.99 4.68 | 406.78 26.50 4.07 | 349.81 24.08 4.35 | 323.08 23.02 10.96 | 289.89 22.64 12.38 | 247.55 19.76 -8.32 | 212.77 7.92 -104.51 |
| PGE MADISON___WINDPWR 24146 | 125.53 4.81 -77.01 | 117.42 5.53 -60.68 | 106.36 4.87 -55.97 | 105.10 5.07 -52.14 | 115.04 6.22 -46.66 | 115.20 6.37 -50.92 | 130.26 6.81 -58.62 | 125.46 7.32 -53.88 | 186.72 14.53 -43.52 | 197.00 15.73 -47.88 | 189.68 14.45 -47.33 | 129.81 6.36 -72.13 | 125.99 6.02 -69.37 | 122.77 6.57 -60.45 | 121.22 6.66 -55.10 | 223.22 18.06 -17.05 | 291.50 22.90 3.94 | 427.39 37.59 10.16 | 414.22 38.80 8.93 | 352.74 29.05 6.40 | 336.83 25.80 0.00 | 302.83 23.20 0.00 | 244.18 16.01 -8.69 | 143.77 7.42 -36.01 |
| PIERCEFIELD___HYD 23852 | 38.73 -4.98 0.00 | 45.27 -5.94 0.00 | 40.24 -5.28 0.00 | 42.14 -5.75 0.00 | 61.10 -1.06 0.00 | 51.36 -6.54 0.00 | 62.96 -1.88 0.00 | 62.07 -2.18 0.00 | 121.34 -7.33 0.00 | 126.59 -6.80 0.00 | 121.63 -6.26 0.00 | 47.52 -3.80 0.00 | 43.31 -7.28 0.00 | 47.77 -7.97 0.00 | 51.14 -8.33 0.00 | 163.47 -24.64 0.00 | 259.19 -13.35 0.00 | 387.56 -12.40 0.00 | 373.19 -11.16 0.00 | 317.87 -12.21 0.00 | 296.72 -14.30 0.00 | 269.01 -10.63 0.00 | 211.58 -7.89 0.00 | 98.22 -2.11 0.00 |
| PINELAWN_CC_1 323563 | 311.08 4.98 -262.38 | 264.05 6.09 -206.75 | 241.16 4.96 -190.68 | 230.94 5.41 -177.64 | 227.66 6.53 -158.97 | 237.77 6.37 -173.50 | 271.42 6.87 -199.71 | 259.33 6.68 -188.39 | 300.62 13.77 -158.18 | 318.79 14.54 -170.86 | 329.22 13.55 -187.77 | 362.48 5.90 -305.26 | 349.60 5.87 -293.14 | 318.51 6.30 -256.48 | 316.19 6.48 -250.24 | 332.89 19.38 -125.40 | 328.21 24.25 -31.42 | 423.29 26.39 3.06 | 406.62 24.97 2.70 | 353.91 24.08 0.25 | 357.38 24.28 -22.07 | 330.23 24.32 -26.29 | 314.83 21.94 -73.41 | 261.34 7.83 -153.17 |
| PJM_GEN_HTP_PROXY 323702 | 310.95 4.90 -262.34 | 263.56 5.63 -206.72 | 241.08 4.92 -190.64 | 230.57 5.07 -177.61 | 227.45 6.34 -158.94 | 236.21 6.26 -172.05 | 257.93 6.81 -186.29 | 284.49 6.94 -213.29 | 350.10 14.53 -206.90 | 402.30 15.07 -253.85 | 405.17 14.20 -263.07 | 435.33 6.00 -378.00 | 449.57 5.97 -393.01 | 433.04 6.57 -370.73 | 434.18 6.84 -367.88 | 400.52 19.93 -192.49 | 452.96 26.72 -153.69 | 511.52 33.98 -77.58 | 482.55 32.29 -65.92 | 435.67 29.05 -76.53 | 394.33 27.67 -55.64 | 384.25 26.85 -77.77 | 370.94 23.04 -128.43 | 301.00 9.63 -191.03 |
| PJM_GEN_KEystone 24065 | 221.01 1.88 -175.42 | 191.69 2.25 -138.23 | 175.01 2.00 -127.49 | 168.71 2.06 -118.77 | 170.50 2.05 -106.29 | 175.09 2.61 -114.58 | 187.04 2.07 -120.12 | 199.22 1.86 -133.10 | 226.46 3.86 -93.94 | 240.83 3.73 -103.71 | 244.09 3.20 -113.00 | 184.90 1.80 -131.78 | 193.07 1.92 -140.55 | 180.40 2.12 -122.54 | 169.72 1.90 -108.36 | 190.00 2.83 0.93 | 270.58 0.82 2.78 | 350.00 -1.99 47.97 | 341.41 -0.77 42.17 | 297.55 -1.64 30.89 | 304.81 -0.93 5.29 | 275.35 1.69 5.97 | 231.44 2.42 -9.55 | 174.45 0.80 -73.32 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 311.04 4.94 -262.38 | 263.95 5.99 -206.75 | 241.16 4.96 -190.68 | 230.93 5.41 -177.64 | 227.72 6.59 -158.97 | 236.36 6.37 -172.08 | 258.03 6.87 -186.32 | 274.14 6.68 -203.20 | 300.62 13.77 -158.18 | 318.66 14.41 -170.86 | 343.28 13.55 -201.83 | 317.01 5.85 -259.84 | 328.95 5.87 -272.49 | 315.26 6.30 -253.22 | 316.18 6.48 -250.23 | 279.86 19.20 -72.56 | 345.54 23.99 -49.01 | 424.46 27.58 3.07 | 408.54 26.90 2.70 | 352.61 25.42 2.89 | 343.33 24.89 -7.42 | 324.88 24.32 -20.93 | 304.10 22.16 -62.47 | 261.23 7.73 -153.17 |
| PJM_GEN_VFT_PROXY 323633 | 310.88 4.81 -262.35 | 263.52 5.58 -206.73 | 240.99 4.82 -190.65 | 230.53 5.03 -177.62 | 227.39 6.28 -158.95 | 236.10 6.13 -172.06 | 257.81 6.68 -186.29 | 284.37 6.81 -213.30 | 355.27 14.66 -211.94 | 412.65 14.94 -264.33 | 408.69 13.69 -267.10 | 390.87 5.80 -333.76 | 381.30 5.77 -324.94 | 377.57 6.30 -315.53 | 376.18 6.54 -310.18 | 376.41 18.63 -169.68 | 392.87 25.61 -94.72 | 521.60 32.01 -89.63 | 472.67 30.76 -57.57 | 404.85 27.73 -47.04 | 393.15 26.13 -56.00 | 385.99 25.71 -80.65 | 370.28 22.40 -128.41 | 300.80 9.43 -191.04 |
| PLEASANTVLY___LBMP 24000 | 319.05 3.98 -271.36 | 269.65 4.61 -213.83 | 246.78 4.05 -197.21 | 235.82 4.21 -183.72 | 231.80 5.22 -164.41 | 242.49 5.15 -179.44 | 276.83 5.45 -206.54 | 255.73 5.53 -185.95 | 290.80 11.71 -150.43 | 310.97 12.14 -165.44 | 303.51 11.52 -164.10 | 306.98 4.88 -250.78 | 296.62 4.86 -241.16 | 271.18 5.30 -210.14 | 257.03 5.53 -192.03 | 265.56 16.36 -61.10 | 294.05 21.53 0.01 | 423.46 26.39 2.89 | 406.42 24.62 2.54 | 351.12 22.76 1.72 | 333.58 21.76 -0.79 | 302.06 21.53 -0.89 | 269.80 18.88 -31.45 | 233.25 7.73 -125.19 |
| POLETTI___ 23519 | 310.92 4.85 -262.35 | 263.57 5.63 -206.73 | 241.04 4.87 -190.65 | 230.57 5.07 -177.62 | 227.45 6.34 -158.95 | 237.57 6.20 -173.47 | 271.33 6.81 -199.69 | 269.63 6.88 -198.49 | 355.00 14.41 -211.93 | 412.63 14.94 -264.30 | 395.00 14.07 -253.03 | 449.35 5.95 -392.08 | 452.62 5.92 -396.11 | 440.46 6.52 -378.20 | 440.26 6.72 -374.08 | 423.40 19.56 -215.73 | 438.29 26.43 -139.32 | 523.17 33.60 -89.61 | 492.37 31.88 -76.15 | 446.32 28.70 -87.54 | 394.40 27.38 -56.00 | 387.12 26.85 -80.64 | 370.71 22.82 -128.41 | 300.91 9.54 -191.04 |

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|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
| PORT_JEFF_3 23555 | 311.25 5.16 -262.38 | 264.31 6.35 -206.75 | 241.30 5.10 -190.68 | 231.17 5.65 -177.64 | 227.91 6.78 -158.97 | 238.00 6.60 -173.50 | 271.75 7.20 -199.71 | 259.65 7.01 -188.39 | 300.75 13.90 -158.18 | 318.12 13.87 -170.86 | 328.33 12.66 -187.77 | 342.92 5.39 -286.22 | 336.61 5.42 -280.60 | 316.04 5.80 -254.50 | 315.83 6.13 -250.23 | 313.77 18.24 -107.42 | 323.68 23.15 -27.99 | 416.48 19.59 3.07 | 399.34 17.69 2.70 | 346.70 18.47 1.85 | 345.36 21.16 -13.17 | 324.20 21.53 -23.04 | 307.52 21.28 -66.77 | 261.63 8.12 -153.17 |
| PORT_JEFF_4 23616 | 311.25 5.16 -262.38 | 264.31 6.35 -206.75 | 241.30 5.10 -190.68 | 231.17 5.65 -177.64 | 227.91 6.78 -158.97 | 238.00 6.60 -173.50 | 271.75 7.20 -199.71 | 259.65 7.01 -188.39 | 300.75 13.90 -158.18 | 318.12 13.87 -170.86 | 328.33 12.66 -187.77 | 342.92 5.39 -286.22 | 336.61 5.42 -280.60 | 316.04 5.80 -254.50 | 315.83 6.13 -250.23 | 313.77 18.24 -107.42 | 323.68 23.15 -27.99 | 416.48 19.59 3.07 | 399.34 17.69 2.70 | 346.70 18.47 1.85 | 345.36 21.16 -13.17 | 324.20 21.53 -23.04 | 307.52 21.28 -66.77 | 261.63 8.12 -153.17 |
| PORT_JEFF_IC 23713 | 311.43 5.33 -262.38 | 264.47 6.50 -206.75 | 241.48 5.28 -190.68 | 231.37 5.84 -177.64 | 228.16 7.02 -158.97 | 238.17 6.77 -173.50 | 271.94 7.39 -199.71 | 259.90 7.26 -188.39 | 301.38 14.53 -158.18 | 318.79 14.54 -170.86 | 328.84 13.18 -187.77 | 343.74 5.59 -286.82 | 337.21 5.62 -281.00 | 316.33 6.02 -254.56 | 316.06 6.37 -250.23 | 315.30 19.20 -107.99 | 324.89 24.25 -28.10 | 418.07 21.18 3.07 | 400.86 19.21 2.70 | 348.08 19.80 1.80 | 346.89 22.41 -13.46 | 325.41 22.64 -23.14 | 308.61 22.16 -66.98 | 262.03 8.52 -153.17 |
| PPL PILGRIM_ST_GT1 24216 | 311.56 5.46 -262.38 | 264.62 6.65 -206.75 | 241.66 5.46 -190.68 | 231.51 5.98 -177.64 | 228.40 7.27 -158.97 | 238.41 7.00 -173.50 | 272.20 7.65 -199.71 | 260.03 7.39 -188.39 | 301.64 14.79 -158.18 | 319.58 15.33 -170.86 | 329.86 14.20 -187.77 | 346.80 6.10 -289.38 | 339.40 6.12 -282.69 | 317.03 6.46 -254.83 | 316.42 6.72 -250.24 | 318.65 20.14 -110.41 | 326.71 25.61 -28.56 | 423.28 26.39 3.07 | 406.61 24.97 2.70 | 353.26 24.77 1.59 | 351.19 25.51 -14.65 | 328.38 25.18 -23.58 | 310.38 23.04 -67.87 | 262.23 8.72 -153.17 |
| PPL PILGRIM_ST_GT2 24217 | 311.56 5.46 -262.38 | 264.62 6.65 -206.75 | 241.66 5.46 -190.68 | 231.51 5.98 -177.64 | 228.40 7.27 -158.97 | 238.41 7.00 -173.50 | 272.20 7.65 -199.71 | 260.03 7.39 -188.39 | 301.64 14.79 -158.18 | 319.58 15.33 -170.86 | 329.86 14.20 -187.77 | 346.80 6.10 -289.38 | 339.40 6.12 -282.69 | 317.03 6.46 -254.83 | 316.42 6.72 -250.24 | 318.65 20.14 -110.41 | 326.71 25.61 -28.56 | 423.28 26.39 3.07 | 406.61 24.97 2.70 | 353.26 24.77 1.59 | 351.19 25.51 -14.65 | 328.38 25.18 -23.58 | 310.38 23.04 -67.87 | 262.23 8.72 -153.17 |
| PPL_SHRM_GT3 24213 | 310.16 4.07 -262.38 | 263.03 5.07 -206.75 | 240.21 4.01 -190.68 | 229.98 4.45 -177.64 | 226.36 5.22 -158.97 | 236.50 5.10 -173.50 | 270.19 5.64 -199.71 | 258.10 5.46 -188.39 | 295.47 8.62 -158.18 | 311.45 7.20 -170.86 | 321.29 5.62 -187.77 | 340.30 2.51 -286.47 | 333.89 2.53 -280.77 | 312.89 2.62 -254.53 | 312.73 3.03 -250.23 | 304.61 8.84 -107.66 | 310.37 9.80 -28.04 | 394.51 -2.39 3.07 | 378.18 -3.47 2.70 | 328.58 0.33 1.83 | 328.99 4.67 -13.29 | 309.15 6.44 -23.08 | 297.52 11.19 -66.85 | 259.22 5.72 -153.17 |
| PPL_SHRM_GT4 24214 | 310.16 4.07 -262.38 | 263.03 5.07 -206.75 | 240.21 4.01 -190.68 | 229.98 4.45 -177.64 | 226.36 5.22 -158.97 | 236.50 5.10 -173.50 | 270.19 5.64 -199.71 | 258.10 5.46 -188.39 | 295.47 8.62 -158.18 | 311.45 7.20 -170.86 | 321.29 5.62 -187.77 | 340.30 2.51 -286.47 | 333.89 2.53 -280.77 | 312.89 2.62 -254.53 | 312.73 3.03 -250.23 | 304.61 8.84 -107.66 | 310.37 9.80 -28.04 | 394.51 -2.39 3.07 | 378.18 -3.47 2.70 | 328.58 0.33 1.83 | 328.99 4.67 -13.29 | 309.15 6.44 -23.08 | 297.52 11.19 -66.85 | 259.22 5.72 -153.17 |
| PROJECT___ORANGE 1 24174 | 64.69 -0.35 -21.33 | 67.60 -0.41 -16.81 | 60.61 -0.41 -15.50 | 61.89 -0.43 -14.44 | 74.27 -0.81 -12.92 | 71.48 -0.52 -14.10 | 80.10 -0.97 -16.23 | 78.00 -0.96 -14.71 | 138.36 -2.19 -11.88 | 144.32 -2.14 -13.07 | 138.64 -2.18 -12.92 | 70.50 -0.51 -19.69 | 68.98 -0.56 -18.94 | 71.63 -0.61 -16.50 | 73.67 -0.83 -15.04 | 188.62 -4.14 -4.65 | 265.45 -7.09 0.00 | 389.98 -9.98 0.00 | 375.52 -8.82 0.00 | 321.18 -8.90 0.00 | 302.94 -8.09 0.00 | 272.65 -6.98 0.00 | 215.93 -5.92 -2.37 | 107.55 -2.61 -9.83 |
| PROJECT___ORANGE 2 24166 | 64.69 -0.35 -21.33 | 67.60 -0.41 -16.81 | 60.61 -0.41 -15.50 | 61.89 -0.43 -14.44 | 74.27 -0.81 -12.92 | 71.48 -0.52 -14.10 | 80.10 -0.97 -16.23 | 78.00 -0.96 -14.71 | 138.36 -2.19 -11.88 | 144.32 -2.14 -13.07 | 138.64 -2.18 -12.92 | 70.50 -0.51 -19.69 | 68.98 -0.56 -18.94 | 71.63 -0.61 -16.50 | 73.67 -0.83 -15.04 | 188.62 -4.14 -4.65 | 265.45 -7.09 0.00 | 389.98 -9.98 0.00 | 375.52 -8.82 0.00 | 321.18 -8.90 0.00 | 302.94 -8.09 0.00 | 272.65 -6.98 0.00 | 215.93 -5.92 -2.37 | 107.55 -2.61 -9.83 |
| PYRITES___HYD 24023 | 39.52 -4.20 0.00 | 46.19 -5.02 0.00 | 41.01 -4.51 0.00 | 43.05 -4.83 0.00 | 61.35 -0.81 0.00 | 52.40 -5.50 0.00 | 63.47 -1.36 0.00 | 62.71 -1.54 0.00 | 123.01 -5.66 0.00 | 128.46 -4.93 0.00 | 123.30 -4.60 0.00 | 48.34 -2.98 0.00 | 44.67 -5.92 0.00 | 49.28 -6.47 0.00 | 52.81 -6.66 0.00 | 168.74 -19.37 0.00 | 263.27 -9.27 0.00 | 393.97 -5.99 0.00 | 379.75 -4.59 0.00 | 323.13 -6.95 0.00 | 301.70 -9.32 0.00 | 272.65 -6.98 0.00 | 214.20 -5.27 0.00 | 99.23 -1.10 0.00 |
| RAMAPO___LBMP 323565 | 302.20 4.11 -254.38 | 256.42 4.76 -200.45 | 234.53 4.14 -184.87 | 224.42 4.31 -172.23 | 221.69 5.41 -154.13 | 231.44 5.32 -168.21 | 264.09 5.64 -193.61 | 241.07 5.79 -171.02 | 276.42 12.23 -135.53 | 295.75 12.68 -149.68 | 282.04 12.02 -142.12 | 265.00 5.13 -208.55 | 256.69 5.06 -201.04 | 236.60 5.57 -175.29 | 219.56 5.77 -154.33 | 234.11 16.56 -29.45 | 280.58 21.81 13.78 | 422.38 26.80 4.38 | 406.68 26.15 3.81 | 349.31 23.10 3.86 | 324.49 22.09 8.62 | 291.72 21.83 9.73 | 250.59 19.08 -12.03 | 212.90 7.62 -104.94 |
| RANKINE____ 23646 | 85.90 -0.83 -43.02 | 84.29 -0.82 -33.90 | 76.10 -0.68 -31.26 | 76.24 -0.77 -29.13 | 85.67 -2.55 -26.06 | 85.59 -0.75 -28.45 | 94.34 -3.24 -32.74 | 89.44 -4.50 -29.69 | 142.10 -10.55 -23.98 | 148.43 -11.34 -26.38 | 142.21 -11.76 -26.08 | 87.57 -3.49 -39.74 | 85.83 -2.99 -38.22 | 85.81 -3.23 -33.31 | 85.84 -3.98 -30.36 | 177.93 -19.57 -9.39 | 177.65 -34.89 60.01 | 195.27 -50.01 154.68 | 201.40 -46.90 136.04 | 190.10 -42.58 97.41 | 274.01 -37.02 0.00 | 249.72 -29.92 0.00 | 201.22 -23.04 -4.79 | 110.85 -9.33 -19.84 |
| RAVENSWOOD_GT2_1 24244 | 310.93 4.85 -262.37 | 263.53 5.58 -206.74 | 241.05 4.87 -190.66 | 230.53 5.03 -177.63 | 227.39 6.28 -158.96 | 237.58 6.20 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 505.74 31.52 -89.87 | 460.77 28.39 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD_GT2_2 24245 | 310.93 4.85 -262.37 | 263.53 5.58 -206.74 | 241.05 4.87 -190.66 | 230.53 5.03 -177.63 | 227.39 6.28 -158.96 | 237.58 6.20 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 505.74 31.52 -89.87 | 460.77 28.39 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD_GT2_3 24246 | 310.93 4.85 -262.37 | 263.58 5.63 -206.74 | 241.05 4.87 -190.66 | 230.58 5.07 -177.63 | 227.46 6.34 -158.96 | 237.58 6.20 -173.48 | 271.28 6.74 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.65 14.94 -278.33 | 400.39 14.07 -258.43 | 449.36 5.95 -392.09 | 456.79 5.92 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 423.78 19.93 -215.74 | 450.19 26.43 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.09 28.70 -102.30 | 395.18 27.67 -56.48 | 390.98 26.85 -84.50 | 370.89 23.04 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD_GT2_4 24247 | 310.93 4.85 -262.37 | 263.58 5.63 -206.74 | 241.05 4.87 -190.66 | 230.58 5.07 -177.63 | 227.46 6.34 -158.96 | 237.58 6.20 -173.48 | 271.28 6.74 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.65 14.94 -278.33 | 400.39 14.07 -258.43 | 449.36 5.95 -392.09 | 456.79 5.92 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 423.78 19.93 -215.74 | 450.19 26.43 -151.23 | 539.30 33.60 -105.74 | 506.10 31.88 -89.87 | 461.09 28.70 -102.30 | 395.18 27.67 -56.48 | 390.98 26.85 -84.50 | 370.89 23.04 -128.38 | 300.81 9.43 -191.05 |

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|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
| RAVENSWOOD_GT3_1 24248 | 310.93 4.85 -262.37 | 263.53 5.58 -206.74 | 241.05 4.87 -190.66 | 230.53 5.03 -177.63 | 227.46 6.34 -158.96 | 237.58 6.20 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.39 14.07 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 505.74 31.52 -89.87 | 461.09 28.70 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD_GT3_2 24249 | 310.93 4.85 -262.37 | 263.53 5.58 -206.74 | 241.05 4.87 -190.66 | 230.53 5.03 -177.63 | 227.46 6.34 -158.96 | 237.58 6.20 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.39 14.07 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 505.74 31.52 -89.87 | 461.09 28.70 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD_GT3_3 24250 | 310.98 4.89 -262.37 | 263.63 5.68 -206.74 | 241.10 4.92 -190.66 | 230.63 5.13 -177.63 | 227.52 6.40 -158.96 | 237.64 6.26 -173.48 | 271.34 6.81 -199.70 | 269.64 6.88 -198.51 | 361.75 14.41 -218.67 | 426.65 14.94 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 423.78 19.93 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.50 32.29 -89.87 | 461.44 29.05 -102.30 | 395.18 27.67 -56.48 | 390.98 26.85 -84.50 | 371.11 23.25 -128.38 | 300.92 9.54 -191.05 |
| RAVENSWOOD_GT3_4 24251 | 310.98 4.89 -262.37 | 263.63 5.68 -206.74 | 241.10 4.92 -190.66 | 230.63 5.13 -177.63 | 227.52 6.40 -158.96 | 237.64 6.26 -173.48 | 271.34 6.81 -199.70 | 269.64 6.88 -198.51 | 361.75 14.41 -218.67 | 426.65 14.94 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.49 6.52 -388.23 | 448.63 6.78 -382.39 | 423.78 19.93 -215.74 | 450.49 26.72 -151.23 | 539.30 33.60 -105.74 | 506.50 32.29 -89.87 | 461.44 29.05 -102.30 | 395.18 27.67 -56.48 | 390.98 26.85 -84.50 | 371.11 23.25 -128.38 | 300.92 9.54 -191.05 |
| RAVENSWOOD_GT_1 23729 | 311.15 5.07 -262.37 | 263.84 5.89 -206.74 | 241.33 5.14 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.87 6.48 -173.48 | 271.48 6.94 -199.70 | 269.71 6.94 -198.51 | 361.62 14.28 -218.67 | 426.78 15.07 -278.33 | 400.65 14.32 -258.43 | 449.47 6.05 -392.09 | 456.89 6.02 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 424.54 20.69 -215.74 | 450.75 26.99 -151.23 | 539.67 33.98 -105.74 | 530.82 32.29 -114.19 | 462.10 29.72 -102.30 | 396.11 28.60 -56.48 | 391.25 27.12 -84.50 | 371.81 23.93 -128.41 | 301.02 9.63 -191.05 |
| RAVENSWOOD_GT_10 24258 | 310.89 4.81 -262.37 | 263.53 5.58 -206.74 | 241.00 4.82 -190.66 | 230.53 5.03 -177.63 | 227.39 6.28 -158.96 | 237.52 6.13 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 508.54 31.52 -92.68 | 460.77 28.39 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD_GT_11 24259 | 310.89 4.81 -262.37 | 263.53 5.58 -206.74 | 241.00 4.82 -190.66 | 230.53 5.03 -177.63 | 227.39 6.28 -158.96 | 237.52 6.13 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 508.54 31.52 -92.68 | 460.77 28.39 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD_GT_4 24252 | 310.89 4.81 -262.37 | 263.47 5.53 -206.73 | 240.96 4.78 -190.66 | 230.49 4.98 -177.62 | 227.33 6.22 -158.95 | 237.52 6.13 -173.48 | 271.22 6.68 -199.70 | 269.51 6.75 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.41 19.56 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 524.26 31.52 -108.39 | 460.77 28.39 -102.30 | 394.56 27.05 -56.48 | 390.41 26.28 -84.50 | 370.49 22.61 -128.40 | 300.71 9.33 -191.05 |
| RAVENSWOOD_GT_5 24254 | 310.89 4.81 -262.37 | 263.47 5.53 -206.73 | 240.96 4.78 -190.66 | 230.49 4.98 -177.62 | 227.33 6.22 -158.95 | 237.52 6.13 -173.48 | 271.22 6.68 -199.70 | 269.51 6.75 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.41 19.56 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 524.26 31.52 -108.39 | 460.77 28.39 -102.30 | 394.56 27.05 -56.48 | 390.41 26.28 -84.50 | 370.49 22.61 -128.40 | 300.71 9.33 -191.05 |
| RAVENSWOOD_GT_6 24253 | 310.89 4.81 -262.37 | 263.47 5.53 -206.73 | 240.96 4.78 -190.66 | 230.49 4.98 -177.62 | 227.33 6.22 -158.95 | 237.52 6.13 -173.48 | 271.22 6.68 -199.70 | 269.51 6.75 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.41 19.56 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 524.26 31.52 -108.39 | 460.77 28.39 -102.30 | 394.56 27.05 -56.48 | 390.41 26.28 -84.50 | 370.49 22.61 -128.40 | 300.71 9.33 -191.05 |
| RAVENSWOOD_GT_7 24255 | 310.89 4.81 -262.37 | 263.47 5.53 -206.73 | 240.96 4.78 -190.66 | 230.49 4.98 -177.62 | 227.33 6.22 -158.95 | 237.52 6.13 -173.48 | 271.22 6.68 -199.70 | 269.51 6.75 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.41 19.56 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 524.26 31.52 -108.39 | 460.77 28.39 -102.30 | 394.56 27.05 -56.48 | 390.41 26.28 -84.50 | 370.49 22.61 -128.40 | 300.71 9.33 -191.05 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 310.89 4.81 -262.37 | 263.53 5.58 -206.74 | 241.00 4.82 -190.66 | 230.53 5.03 -177.63 | 227.39 6.28 -158.96 | 237.52 6.13 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 508.54 31.52 -92.68 | 460.77 28.39 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD_GT_9 24257 | 310.89 4.81 -262.37 | 263.53 5.58 -206.74 | 241.00 4.82 -190.66 | 230.53 5.03 -177.63 | 227.39 6.28 -158.96 | 237.52 6.13 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.27 13.94 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 508.54 31.52 -92.68 | 460.77 28.39 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |
| RAVENSWOOD___1 23533 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.81 6.43 -173.48 | 271.41 6.87 -199.70 | 269.71 6.94 -198.51 | 361.62 14.28 -218.67 | 426.65 14.94 -278.33 | 400.52 14.20 -258.43 | 449.47 6.05 -392.09 | 456.89 6.02 -400.28 | 450.55 6.57 -388.23 | 448.69 6.84 -382.39 | 424.35 20.51 -215.74 | 450.75 26.99 -151.23 | 539.67 33.98 -105.74 | 506.50 32.29 -89.87 | 461.75 29.37 -102.30 | 395.81 28.30 -56.48 | 391.25 27.12 -84.50 | 371.82 23.93 -128.42 | 301.02 9.63 -191.05 |
| RAVENSWOOD___2 23534 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.81 6.43 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.62 14.28 -218.67 | 426.65 14.94 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.55 6.57 -388.23 | 448.69 6.84 -382.39 | 424.35 20.51 -215.74 | 450.75 26.99 -151.23 | 539.67 33.98 -105.74 | 506.50 32.29 -89.87 | 461.75 29.37 -102.30 | 395.81 28.30 -56.48 | 391.25 27.12 -84.50 | 371.82 23.93 -128.42 | 301.02 9.63 -191.05 |
| RAVENSWOOD___3 23535 | 310.93 4.85 -262.37 | 263.53 5.58 -206.74 | 241.05 4.87 -190.66 | 230.58 5.07 -177.63 | 227.46 6.34 -158.96 | 237.58 6.20 -173.48 | 271.22 6.68 -199.70 | 269.57 6.81 -198.51 | 361.62 14.28 -218.67 | 426.52 14.80 -278.33 | 400.39 14.07 -258.43 | 449.31 5.90 -392.09 | 456.74 5.87 -400.28 | 450.43 6.46 -388.23 | 448.57 6.72 -382.39 | 423.59 19.75 -215.74 | 449.93 26.17 -151.23 | 538.87 33.18 -105.74 | 505.74 31.52 -89.87 | 461.09 28.70 -102.30 | 394.89 27.38 -56.48 | 390.71 26.58 -84.50 | 370.68 22.82 -128.38 | 300.81 9.43 -191.05 |

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| RAVENSWOOD___4 23820 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.81 6.43 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.62 14.28 -218.67 | 426.65 14.94 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.55 6.57 -388.23 | 448.69 6.84 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.67 33.98 -105.74 | 482.56 32.29 -65.92 | 461.75 29.37 -102.30 | 395.81 28.30 -56.48 | 390.98 26.85 -84.50 | 371.82 23.93 -128.42 | 300.92 9.54 -191.05 |
| RCPL_TRUST___DRP 24196 | 310.95 4.90 -262.34 | 263.61 5.68 -206.72 | 241.08 4.92 -190.64 | 230.62 5.13 -177.61 | 227.51 6.40 -158.94 | 237.62 6.26 -173.47 | 271.33 6.81 -199.68 | 269.68 6.94 -198.48 | 350.10 14.53 -206.90 | 402.30 15.07 -253.85 | 391.23 14.32 -249.01 | 449.39 6.00 -392.07 | 449.57 5.97 -393.01 | 433.04 6.57 -370.73 | 434.18 6.84 -367.88 | 423.76 19.93 -215.72 | 429.72 26.72 -130.45 | 511.52 33.98 -77.58 | 482.55 32.29 -65.92 | 435.67 29.37 -76.53 | 394.33 27.67 -55.64 | 384.52 27.12 -77.77 | 370.94 23.04 -128.43 | 301.00 9.63 -191.03 |
| RENSSELAER___COGEN 23796 | 377.02 2.76 -330.55 | 314.91 3.23 -260.47 | 288.62 2.87 -240.23 | 274.66 2.97 -223.80 | 266.23 3.79 -200.28 | 280.14 3.65 -218.58 | 320.39 3.96 -251.60 | 293.41 3.47 -225.69 | 318.28 7.33 -182.29 | 341.53 7.60 -200.55 | 333.45 7.29 -198.26 | 356.41 2.98 -302.12 | 344.16 2.98 -290.58 | 312.24 3.29 -253.21 | 293.70 3.45 -230.79 | 269.86 10.34 -71.41 | 285.49 13.89 -0.94 | 413.12 15.58 2.43 | 396.03 13.82 2.13 | 342.09 13.54 1.53 | 324.09 13.06 0.00 | 293.61 13.98 0.00 | 267.97 12.06 0.00 | 256.95 5.72 -150.90 |
| REVERE_CPPR_DRP 24186 | 50.30 0.83 -5.76 | 56.67 0.92 -4.54 | 50.48 0.77 -4.19 | 52.55 0.76 -3.90 | 66.89 1.24 -3.49 | 62.75 1.04 -3.81 | 70.45 1.23 -4.38 | 69.62 1.41 -3.95 | 134.43 2.57 -3.19 | 139.83 2.93 -3.51 | 134.18 2.81 -3.47 | 57.94 1.33 -5.29 | 56.74 1.06 -5.08 | 61.34 1.17 -4.43 | 64.63 1.13 -4.04 | 191.62 2.27 -1.25 | 276.07 3.53 0.00 | 406.75 6.79 0.00 | 391.63 7.28 0.00 | 334.70 4.62 0.00 | 314.77 3.75 0.00 | 283.26 3.63 0.00 | 222.30 2.19 -0.63 | 103.96 1.00 -2.62 |
| RIVERBAY___ 323610 | 311.32 5.24 -262.37 | 264.24 6.30 -206.74 | 241.78 5.60 -190.66 | 231.30 5.79 -177.63 | 228.33 7.21 -158.96 | 238.33 6.95 -173.48 | 271.67 7.13 -199.70 | 269.88 7.13 -198.49 | 355.52 14.92 -211.94 | 413.58 15.87 -264.32 | 396.28 15.34 -253.04 | 449.92 6.52 -392.08 | 453.25 6.53 -396.12 | 441.04 7.08 -378.22 | 440.99 7.43 -374.09 | 426.21 22.37 -215.73 | 441.59 29.71 -139.33 | 528.37 38.78 -89.62 | 497.04 36.53 -76.16 | 450.64 33.00 -87.55 | 398.75 31.74 -55.99 | 389.90 29.63 -80.64 | 373.55 25.67 -128.41 | 301.41 10.03 -191.04 |
| ROCHESTER_9_IC 23652 | 74.69 -0.52 -31.50 | 75.31 -0.72 -24.82 | 67.82 -0.59 -22.89 | 68.49 -0.72 -21.33 | 79.57 -1.68 -19.09 | 78.10 -0.64 -20.83 | 87.07 -1.75 -23.98 | 83.62 -2.38 -21.74 | 140.69 -5.53 -17.56 | 146.97 -5.73 -19.32 | 140.86 -6.14 -19.10 | 78.73 -1.69 -29.10 | 76.96 -1.62 -27.99 | 78.34 -1.79 -24.39 | 79.43 -2.26 -22.23 | 184.46 -10.53 -6.88 | 183.73 -18.80 70.01 | 392.74 -25.61 -18.38 | 377.46 -23.05 -16.17 | 318.89 -22.77 -11.58 | 290.81 -20.21 0.00 | 262.86 -16.77 0.00 | 209.16 -13.82 -3.51 | 109.25 -5.62 -14.53 |
| ROSETON___1 23587 | 308.40 3.80 -260.88 | 261.19 4.40 -205.57 | 238.94 3.82 -189.59 | 228.54 4.02 -176.63 | 225.26 5.03 -158.07 | 235.33 4.92 -172.51 | 268.53 5.12 -198.57 | 248.64 5.08 -179.31 | 284.96 10.81 -145.49 | 304.51 11.21 -159.91 | 298.10 10.61 -159.59 | 301.12 4.57 -245.24 | 290.85 4.50 -235.75 | 266.11 4.96 -205.41 | 253.24 5.17 -188.61 | 266.20 15.05 -63.04 | 294.19 19.63 -2.02 | 420.79 23.59 2.76 | 404.19 22.28 2.44 | 349.43 20.81 1.45 | 333.15 19.92 -2.20 | 301.69 19.57 -2.49 | 270.40 18.00 -32.92 | 229.94 7.32 -122.29 |
| ROSETON___2 23588 | 308.40 3.80 -260.88 | 261.19 4.40 -205.57 | 238.94 3.82 -189.59 | 228.54 4.02 -176.63 | 225.26 5.03 -158.07 | 235.33 4.92 -172.51 | 268.53 5.12 -198.57 | 248.64 5.08 -179.31 | 284.96 10.81 -145.49 | 304.51 11.21 -159.91 | 298.10 10.61 -159.59 | 301.12 4.57 -245.24 | 290.85 4.50 -235.75 | 266.11 4.96 -205.41 | 253.24 5.17 -188.61 | 266.20 15.05 -63.04 | 294.19 19.63 -2.02 | 420.79 23.59 2.76 | 404.19 22.28 2.44 | 349.43 20.81 1.45 | 333.15 19.92 -2.20 | 301.69 19.57 -2.49 | 270.40 18.00 -32.92 | 229.94 7.32 -122.29 |
| RUSSELL___1 23602 | 76.14 0.92 -31.50 | 77.06 1.02 -24.82 | 69.32 0.91 -22.89 | 70.17 0.96 -21.33 | 81.56 0.31 -19.09 | 79.95 1.22 -20.83 | 89.27 0.46 -23.98 | 85.87 -0.13 -21.74 | 145.19 -1.03 -17.56 | 151.78 -0.93 -19.32 | 145.33 -1.67 -19.10 | 80.57 0.15 -29.10 | 78.79 0.20 -27.99 | 80.41 0.28 -24.39 | 81.52 -0.18 -22.23 | 190.67 -4.32 -6.88 | 192.45 -10.08 70.01 | 406.73 -11.61 -18.38 | 391.69 -8.82 -16.17 | 330.43 -11.22 -11.58 | 301.38 -9.64 0.00 | 272.36 -7.27 0.00 | 215.74 -7.24 -3.51 | 112.16 -2.70 -14.53 |
| RUSSELL___2 23532 | 76.14 0.92 -31.50 | 77.06 1.02 -24.82 | 69.32 0.91 -22.89 | 70.17 0.96 -21.33 | 81.56 0.31 -19.09 | 79.95 1.22 -20.83 | 89.27 0.46 -23.98 | 85.87 -0.13 -21.74 | 145.19 -1.03 -17.56 | 151.78 -0.93 -19.32 | 145.33 -1.67 -19.10 | 80.57 0.15 -29.10 | 78.79 0.20 -27.99 | 80.41 0.28 -24.39 | 81.52 -0.18 -22.23 | 190.67 -4.32 -6.88 | 192.45 -10.08 70.01 | 406.73 -11.61 -18.38 | 391.69 -8.82 -16.17 | 330.43 -11.22 -11.58 | 301.38 -9.64 0.00 | 272.36 -7.27 0.00 | 215.74 -7.24 -3.51 | 112.16 -2.70 -14.53 |
| RUSSELL___3 23549 | 74.86 -0.35 -31.50 | 75.62 -0.41 -24.82 | 68.05 -0.37 -22.89 | 68.78 -0.43 -21.33 | 79.88 -1.37 -19.09 | 78.33 -0.40 -20.83 | 87.39 -1.43 -23.98 | 83.94 -2.06 -21.74 | 141.33 -4.89 -17.56 | 147.64 -5.07 -19.32 | 141.50 -5.50 -19.10 | 78.98 -1.44 -29.10 | 77.22 -1.36 -27.99 | 78.68 -1.45 -24.39 | 79.73 -1.96 -22.23 | 185.20 -9.79 -6.88 | 184.82 -17.71 70.01 | 394.75 -23.60 -18.38 | 379.38 -21.14 -16.17 | 320.53 -21.13 -11.58 | 292.37 -18.65 0.00 | 264.25 -15.38 0.00 | 210.03 -12.95 -3.51 | 109.64 -5.22 -14.53 |
| RUSSELL___4 23556 | 76.09 0.87 -31.50 | 77.00 0.97 -24.82 | 69.32 0.91 -22.89 | 70.12 0.91 -21.33 | 81.56 0.31 -19.09 | 79.95 1.22 -20.83 | 89.27 0.46 -23.98 | 85.80 -0.19 -21.74 | 145.19 -1.03 -17.56 | 151.78 -0.93 -19.32 | 145.33 -1.67 -19.10 | 80.57 0.15 -29.10 | 78.73 0.15 -27.99 | 80.35 0.22 -24.39 | 81.52 -0.18 -22.23 | 190.67 -4.32 -6.88 | 192.45 -10.08 70.01 | 406.73 -11.61 -18.38 | 391.69 -8.82 -16.17 | 330.43 -11.22 -11.58 | 301.38 -9.64 0.00 | 272.09 -7.54 0.00 | 215.74 -7.24 -3.51 | 112.06 -2.81 -14.53 |
| RUSSELL___STATION 23914 | 74.86 -0.35 -31.50 | 75.62 -0.41 -24.82 | 68.05 -0.37 -22.89 | 68.78 -0.43 -21.33 | 79.88 -1.37 -19.09 | 78.33 -0.40 -20.83 | 87.39 -1.43 -23.98 | 83.94 -2.06 -21.74 | 141.33 -4.89 -17.56 | 147.64 -5.07 -19.32 | 141.50 -5.50 -19.10 | 78.98 -1.44 -29.10 | 77.22 -1.36 -27.99 | 78.68 -1.45 -24.39 | 79.73 -1.96 -22.23 | 185.20 -9.79 -6.88 | 184.82 -17.71 70.01 | 394.75 -23.60 -18.38 | 379.38 -21.14 -16.17 | 320.53 -21.13 -11.58 | 292.37 -18.65 0.00 | 264.25 -15.38 0.00 | 210.03 -12.95 -3.51 | 109.64 -5.22 -14.53 |
| S SALMON___HYD 24043 | 60.16 -0.52 -16.96 | 63.91 -0.67 -13.37 | 57.21 -0.64 -12.33 | 58.65 -0.72 -11.49 | 71.76 -0.68 -10.28 | 68.31 -0.81 -11.22 | 76.84 -0.91 -12.91 | 75.19 -0.77 -11.70 | 135.80 -2.31 -9.45 | 141.78 -2.00 -10.39 | 136.12 -2.05 -10.27 | 66.46 -0.51 -15.66 | 64.79 -0.86 -15.06 | 67.92 -0.95 -13.12 | 70.24 -1.19 -11.96 | 186.74 -5.07 -3.70 | 265.45 -7.09 0.00 | 391.54 -8.42 0.00 | 377.03 -7.31 0.00 | 322.16 -7.93 0.00 | 302.94 -8.09 0.00 | 273.21 -6.42 0.00 | 215.44 -5.92 -1.89 | 105.44 -2.70 -7.81 |
| SELKIRK___I 23801 | 374.72 2.62 -328.39 | 313.05 3.07 -258.77 | 286.90 2.73 -238.65 | 273.09 2.87 -222.34 | 264.73 3.60 -198.97 | 278.53 3.47 -217.15 | 318.48 3.69 -249.95 | 292.01 3.47 -224.29 | 317.15 7.33 -181.15 | 340.29 7.60 -199.30 | 332.09 7.16 -197.03 | 354.59 3.03 -300.24 | 342.40 3.04 -288.77 | 310.72 3.34 -251.63 | 292.26 3.45 -229.35 | 269.23 10.15 -70.97 | 284.94 13.35 0.95 | 413.09 15.58 2.45 | 396.42 14.23 2.15 | 342.08 13.54 1.54 | 324.39 13.36 0.00 | 293.05 13.42 0.00 | 267.49 11.84 -36.18 | 255.39 5.21 -149.84 |
| SELKIRK___II 23799 | 375.80 2.14 -329.94 | 313.71 2.51 -259.99 | 287.53 2.23 -239.78 | 273.62 2.35 -223.39 | 264.99 2.92 -199.91 | 278.92 2.84 -218.18 | 319.02 3.05 -251.13 | 292.34 2.76 -225.32 | 316.58 5.92 -181.99 | 339.75 6.14 -200.22 | 331.73 5.89 -197.94 | 355.41 2.46 -301.63 | 343.13 2.43 -290.11 | 311.21 2.68 -252.80 | 292.67 2.80 -230.41 | 267.67 8.27 -71.30 | 282.21 10.62 0.94 | 409.13 11.61 2.43 | 392.59 10.38 2.14 | 338.79 10.24 1.53 | 320.98 9.95 0.00 | 290.25 10.62 0.00 | 265.47 9.65 -36.35 | 255.21 4.31 -150.56 |

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|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| SENECA OSWGO___HYD 24041 | 63.05 -0.52 -19.85 | 66.24 -0.61 -15.64 | 59.40 -0.54 -14.43 | 60.70 -0.62 -13.44 | 73.19 -1.00 -12.03 | 70.28 -0.75 -13.13 | 78.72 -1.23 -15.11 | 76.80 -1.15 -13.69 | 137.15 -2.57 -11.06 | 143.02 -2.54 -12.17 | 137.37 -2.56 -12.03 | 68.93 -0.72 -18.33 | 67.47 -0.76 -17.63 | 70.27 -0.83 -15.36 | 72.46 -1.01 -14.00 | 187.75 -4.70 -4.33 | 264.91 -7.63 0.00 | 389.18 -10.78 0.00 | 374.35 -10.00 0.00 | 320.50 -9.58 0.00 | 302.00 -9.03 0.00 | 271.80 -7.83 0.00 | 215.10 -6.58 -2.21 | 106.57 -2.91 -9.15 |
| SENECA___ENERGY 23797 | 76.23 -0.26 -32.78 | 76.68 -0.36 -25.83 | 69.03 -0.32 -23.82 | 69.69 -0.38 -22.19 | 81.09 -0.93 -19.86 | 79.23 -0.35 -21.68 | 88.75 -1.04 -24.95 | 85.79 -1.09 -22.63 | 144.49 -2.45 -18.28 | 151.10 -2.40 -20.11 | 145.08 -2.69 -19.88 | 81.05 -0.56 -30.29 | 79.12 -0.60 -29.13 | 80.52 -0.61 -25.39 | 81.65 -0.95 -23.14 | 189.63 -5.64 -7.16 | 264.00 -10.08 -1.53 | 390.31 -13.60 -3.96 | 375.91 -11.92 -3.48 | 320.03 -12.54 -2.49 | 299.52 -11.50 0.00 | 270.12 -9.51 0.00 | 214.56 -8.56 -3.65 | 111.75 -3.71 -15.12 |
| SHOEMAKER___GT 23640 | 286.49 3.45 -239.32 | 243.84 4.04 -188.59 | 223.00 3.55 -173.93 | 213.56 3.64 -162.04 | 211.83 4.66 -145.01 | 220.73 4.57 -158.26 | 251.60 4.60 -182.16 | 231.35 4.69 -162.40 | 268.68 10.04 -129.97 | 287.05 10.41 -143.25 | 276.67 9.85 -138.92 | 263.53 4.21 -208.00 | 255.05 4.20 -200.26 | 234.92 4.62 -174.55 | 220.87 4.81 -156.59 | 242.04 13.92 -40.01 | 283.48 17.98 7.04 | 418.54 22.38 3.80 | 402.91 21.90 3.33 | 347.31 20.14 2.91 | 326.03 18.98 3.97 | 293.59 18.45 4.49 | 254.98 16.47 -19.04 | 211.20 6.62 -104.24 |
| SHOREHAM_IC_1 23715 | 310.16 4.07 -262.38 | 263.03 5.07 -206.75 | 240.21 4.01 -190.68 | 229.98 4.45 -177.64 | 226.36 5.22 -158.97 | 236.50 5.10 -173.50 | 270.19 5.64 -199.71 | 258.10 5.46 -188.39 | 295.47 8.62 -158.18 | 311.45 7.20 -170.86 | 321.29 5.62 -187.77 | 340.30 2.51 -286.47 | 333.89 2.53 -280.77 | 312.89 2.62 -254.53 | 312.73 3.03 -250.23 | 304.61 8.84 -107.66 | 310.37 9.80 -28.04 | 394.51 -2.39 3.07 | 378.18 -3.47 2.70 | 328.58 0.33 1.83 | 328.99 4.67 -13.29 | 309.15 6.44 -23.08 | 297.52 11.19 -66.85 | 259.22 5.72 -153.17 |
| SHOREHAM_IC_2 23716 | 310.16 4.07 -262.38 | 263.03 5.07 -206.75 | 240.21 4.01 -190.68 | 229.98 4.45 -177.64 | 226.36 5.22 -158.97 | 236.50 5.10 -173.50 | 270.19 5.64 -199.71 | 258.10 5.46 -188.39 | 295.47 8.62 -158.18 | 311.45 7.20 -170.86 | 321.29 5.62 -187.77 | 340.30 2.51 -286.47 | 333.89 2.53 -280.77 | 312.89 2.62 -254.53 | 312.73 3.03 -250.23 | 304.61 8.84 -107.66 | 310.37 9.80 -28.04 | 394.51 -2.39 3.07 | 378.18 -3.47 2.70 | 328.58 0.33 1.83 | 328.99 4.67 -13.29 | 309.15 6.44 -23.08 | 297.52 11.19 -66.85 | 259.22 5.72 -153.17 |
| SISSONVILLE___ 23735 | 38.73 -4.98 0.00 | 45.27 -5.94 0.00 | 40.24 -5.28 0.00 | 42.14 -5.75 0.00 | 61.10 -1.06 0.00 | 51.36 -6.54 0.00 | 62.96 -1.88 0.00 | 62.07 -2.18 0.00 | 121.34 -7.33 0.00 | 126.59 -6.80 0.00 | 121.63 -6.26 0.00 | 47.52 -3.80 0.00 | 43.31 -7.28 0.00 | 47.77 -7.97 0.00 | 51.14 -8.33 0.00 | 163.47 -24.64 0.00 | 259.19 -13.35 0.00 | 387.56 -12.40 0.00 | 373.19 -11.16 0.00 | 317.87 -12.21 0.00 | 296.72 -14.30 0.00 | 269.01 -10.63 0.00 | 211.58 -7.89 0.00 | 98.22 -2.11 0.00 |
| SITHE_IND_GS1 24169 | 58.53 -1.44 -16.26 | 62.33 -1.69 -12.81 | 55.83 -1.50 -11.81 | 57.31 -1.58 -11.01 | 69.71 -2.30 -9.85 | 66.68 -1.97 -10.75 | 74.75 -2.46 -12.37 | 72.96 -2.51 -11.21 | 132.44 -5.28 -9.06 | 137.88 -5.47 -9.96 | 132.38 -5.37 -9.85 | 64.48 -1.85 -15.01 | 63.21 -1.82 -14.44 | 66.32 -2.00 -12.58 | 68.61 -2.32 -11.47 | 183.20 -8.46 -3.55 | 260.06 -13.35 -0.87 | 383.00 -19.19 -2.23 | 368.25 -18.06 -1.96 | 315.32 -16.17 -1.40 | 295.79 -15.23 0.00 | 266.49 -13.14 0.00 | 210.75 -10.53 -1.81 | 103.22 -4.61 -7.49 |
| SITHE_IND_GS2 24170 | 58.53 -1.44 -16.26 | 62.33 -1.69 -12.81 | 55.83 -1.50 -11.81 | 57.31 -1.58 -11.01 | 69.71 -2.30 -9.85 | 66.68 -1.97 -10.75 | 74.75 -2.46 -12.37 | 72.96 -2.51 -11.21 | 132.44 -5.28 -9.06 | 137.88 -5.47 -9.96 | 132.38 -5.37 -9.85 | 64.48 -1.85 -15.01 | 63.21 -1.82 -14.44 | 66.32 -2.00 -12.58 | 68.61 -2.32 -11.47 | 183.20 -8.46 -3.55 | 260.06 -13.35 -0.87 | 383.00 -19.19 -2.23 | 368.25 -18.06 -1.96 | 315.32 -16.17 -1.40 | 295.79 -15.23 0.00 | 266.49 -13.14 0.00 | 210.75 -10.53 -1.81 | 103.22 -4.61 -7.49 |
| SITHE_IND_GS3 24171 | 58.53 -1.44 -16.26 | 62.33 -1.69 -12.81 | 55.83 -1.50 -11.81 | 57.31 -1.58 -11.01 | 69.71 -2.30 -9.85 | 66.68 -1.97 -10.75 | 74.75 -2.46 -12.37 | 72.96 -2.51 -11.21 | 132.44 -5.28 -9.06 | 137.88 -5.47 -9.96 | 132.38 -5.37 -9.85 | 64.48 -1.85 -15.01 | 63.21 -1.82 -14.44 | 66.32 -2.00 -12.58 | 68.61 -2.32 -11.47 | 183.20 -8.46 -3.55 | 260.06 -13.35 -0.87 | 383.00 -19.19 -2.23 | 368.25 -18.06 -1.96 | 315.32 -16.17 -1.40 | 295.79 -15.23 0.00 | 266.49 -13.14 0.00 | 210.75 -10.53 -1.81 | 103.22 -4.61 -7.49 |
| SITHE_IND_GS4 24172 | 58.53 -1.44 -16.26 | 62.33 -1.69 -12.81 | 55.83 -1.50 -11.81 | 57.31 -1.58 -11.01 | 69.71 -2.30 -9.85 | 66.68 -1.97 -10.75 | 74.75 -2.46 -12.37 | 72.96 -2.51 -11.21 | 132.44 -5.28 -9.06 | 137.88 -5.47 -9.96 | 132.38 -5.37 -9.85 | 64.48 -1.85 -15.01 | 63.21 -1.82 -14.44 | 66.32 -2.00 -12.58 | 68.61 -2.32 -11.47 | 183.20 -8.46 -3.55 | 260.06 -13.35 -0.87 | 383.00 -19.19 -2.23 | 368.25 -18.06 -1.96 | 315.32 -16.17 -1.40 | 295.79 -15.23 0.00 | 266.49 -13.14 0.00 | 210.75 -10.53 -1.81 | 103.22 -4.61 -7.49 |
| SITHE___BATAVIA 24024 | 79.68 -0.65 -36.62 | 79.35 -0.72 -28.86 | 71.59 -0.54 -26.61 | 72.01 -0.67 -24.80 | 82.17 -2.18 -22.19 | 81.48 -0.64 -24.22 | 89.93 -2.79 -27.87 | 85.48 -4.05 -25.27 | 139.56 -9.52 -20.41 | 145.84 -10.01 -22.46 | 139.61 -10.48 -22.20 | 82.07 -3.08 -33.83 | 80.35 -2.78 -32.54 | 81.03 -3.07 -28.35 | 81.56 -3.74 -25.84 | 178.62 -17.49 -8.00 | 174.96 -31.89 65.70 | 384.27 -45.20 -29.51 | 368.02 -42.28 -25.95 | 309.71 -38.95 -18.58 | 278.05 -32.98 0.00 | 252.79 -26.85 0.00 | 202.70 -20.85 -4.08 | 108.90 -8.33 -16.89 |
| SITHE___INDEPEND 23800 | 58.53 -1.44 -16.26 | 62.33 -1.69 -12.81 | 55.83 -1.50 -11.81 | 57.31 -1.58 -11.01 | 69.71 -2.30 -9.85 | 66.68 -1.97 -10.75 | 74.75 -2.46 -12.37 | 72.96 -2.51 -11.21 | 132.44 -5.28 -9.06 | 137.88 -5.47 -9.96 | 132.38 -5.37 -9.85 | 64.48 -1.85 -15.01 | 63.21 -1.82 -14.44 | 66.32 -2.00 -12.58 | 68.61 -2.32 -11.47 | 183.20 -8.46 -3.55 | 260.06 -13.35 -0.87 | 383.00 -19.19 -2.23 | 368.25 -18.06 -1.96 | 315.32 -16.17 -1.40 | 295.79 -15.23 0.00 | 266.49 -13.14 0.00 | 210.75 -10.53 -1.81 | 103.22 -4.61 -7.49 |
| SITHE___MASSENA 23902 | 42.31 -1.40 0.00 | 49.52 -1.69 0.00 | 44.06 -1.46 0.00 | 46.35 -1.53 0.00 | 60.79 -1.37 0.00 | 56.05 -1.86 0.00 | 63.41 -1.43 0.00 | 62.84 -1.41 0.00 | 125.58 -3.09 0.00 | 130.33 -3.06 0.00 | 125.21 -2.69 0.00 | 49.83 -1.49 0.00 | 49.08 -1.52 0.00 | 54.12 -1.62 0.00 | 58.04 -1.43 0.00 | 185.47 -2.63 0.00 | 269.81 -2.73 0.00 | 400.76 0.80 0.00 | 385.12 0.77 0.00 | 330.08 0.00 0.00 | 309.79 -1.24 0.00 | 277.69 -1.94 0.00 | 217.95 -1.53 0.00 | 100.34 0.00 0.00 |
| SITHE___OGDNSBRG 24021 | 41.66 -2.05 0.00 | 48.70 -2.51 0.00 | 43.34 -2.18 0.00 | 45.49 -2.39 0.00 | 61.54 -0.62 0.00 | 55.18 -2.72 0.00 | 63.99 -0.84 0.00 | 63.42 -0.84 0.00 | 125.96 -2.71 0.00 | 131.25 -2.14 0.00 | 126.11 -1.79 0.00 | 49.88 -1.44 0.00 | 48.12 -2.48 0.00 | 53.07 -2.67 0.00 | 56.91 -2.56 0.00 | 182.08 -6.03 0.00 | 270.91 -1.63 0.00 | 404.78 4.82 0.00 | 389.72 5.38 0.00 | 332.41 2.33 0.00 | 311.02 0.00 0.00 | 279.35 -0.28 0.00 | 219.25 -0.22 0.00 | 101.14 0.80 0.00 |
| SITHE___STERLING 23777 | 52.31 0.66 -7.93 | 58.18 0.72 -6.25 | 51.88 0.59 -5.77 | 53.88 0.62 -5.37 | 67.78 0.81 -4.81 | 63.96 0.81 -5.25 | 71.66 0.78 -6.04 | 70.61 0.90 -5.45 | 134.74 1.67 -4.40 | 140.24 2.00 -4.84 | 134.48 1.79 -4.79 | 59.59 0.97 -7.30 | 58.42 0.81 -7.02 | 62.75 0.89 -6.12 | 65.87 0.83 -5.57 | 191.16 1.33 -1.72 | 273.91 1.37 0.00 | 403.14 3.18 0.00 | 387.80 3.45 0.00 | 332.07 1.99 0.00 | 312.59 1.56 0.00 | 281.32 1.69 0.00 | 221.01 0.66 -0.88 | 104.27 0.30 -3.63 |
| SOUTH CAIRO___GT 23612 | 333.62 3.63 -286.28 | 281.04 4.25 -225.58 | 257.39 3.82 -208.05 | 245.54 3.83 -193.83 | 240.65 5.03 -173.45 | 252.13 4.92 -189.31 | 287.53 4.80 -217.90 | 264.87 4.88 -195.73 | 297.31 10.55 -158.09 | 318.38 11.07 -173.92 | 310.33 10.49 -171.94 | 317.69 4.36 -262.01 | 306.95 4.35 -252.00 | 280.07 4.74 -219.59 | 264.73 5.11 -200.15 | 265.27 15.23 -61.93 | 292.43 20.99 1.10 | 424.33 27.21 2.84 | 408.35 26.50 2.50 | 353.37 25.07 1.79 | 334.36 23.34 0.00 | 301.72 22.09 0.00 | 269.94 18.88 -31.59 | 238.79 7.62 -130.83 |

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| SOUTH HAMPTN___IC 23720 | 311.38 5.29 -262.38 | 264.52 6.56 -206.75 | 241.43 5.23 -190.68 | 231.37 5.84 -177.64 | 228.16 7.02 -158.97 | 238.23 6.83 -173.50 | 272.00 7.45 -199.71 | 259.97 7.32 -188.39 | 301.26 14.41 -158.18 | 317.86 13.61 -170.86 | 327.69 12.02 -187.77 | 342.79 5.18 -286.29 | 336.41 5.16 -280.65 | 315.65 5.41 -254.51 | 315.64 5.95 -250.23 | 313.28 17.68 -107.49 | 323.15 22.61 -28.01 | 411.27 14.38 3.07 | 394.31 12.66 2.70 | 342.10 13.86 1.85 | 343.52 19.29 -13.21 | 323.08 20.40 -23.05 | 307.55 21.28 -66.79 | 262.14 8.63 -153.17 |
| SOUTHOLD___IC 23719 | 314.31 8.22 -262.38 | 268.31 10.35 -206.75 | 244.57 8.38 -190.68 | 234.82 9.29 -177.64 | 232.45 11.32 -158.97 | 242.41 11.00 -173.50 | 276.48 11.93 -199.71 | 264.66 12.01 -188.39 | 310.77 23.93 -158.18 | 328.25 24.00 -170.86 | 337.67 22.01 -187.77 | 346.91 9.29 -286.30 | 340.41 9.16 -280.66 | 320.06 9.81 -254.51 | 320.28 10.58 -250.23 | 327.77 32.16 -107.50 | 344.14 43.60 -28.01 | 428.48 31.59 3.07 | 410.09 28.44 2.70 | 354.96 26.72 1.85 | 366.21 41.97 -13.21 | 345.17 42.49 -23.05 | 323.58 37.31 -66.80 | 269.15 15.65 -153.17 |
| ST LAWRENCE____ 23600 | 42.10 -1.62 0.00 | 49.31 -1.89 0.00 | 43.84 -1.68 0.00 | 46.11 -1.77 0.00 | 60.42 -1.74 0.00 | 55.76 -2.14 0.00 | 63.02 -1.82 0.00 | 62.46 -1.80 0.00 | 124.81 -3.86 0.00 | 129.52 -3.87 0.00 | 124.45 -3.45 0.00 | 49.52 -1.80 0.00 | 48.82 -1.77 0.00 | 53.85 -1.90 0.00 | 57.74 -1.73 0.00 | 184.53 -3.58 0.00 | 268.46 -4.08 0.00 | 398.37 -1.59 0.00 | 382.81 -1.53 0.00 | 328.11 -1.97 0.00 | 308.22 -2.80 0.00 | 275.99 -3.64 0.00 | 216.85 -2.62 0.00 | 99.64 -0.70 0.00 |
| STATION 5_MISC_HYD 23604 | 74.69 -0.52 -31.50 | 75.31 -0.72 -24.82 | 67.82 -0.59 -22.89 | 68.49 -0.72 -21.33 | 79.57 -1.68 -19.09 | 78.10 -0.64 -20.83 | 87.07 -1.75 -23.98 | 83.62 -2.38 -21.74 | 140.69 -5.53 -17.56 | 146.97 -5.73 -19.32 | 140.86 -6.14 -19.10 | 78.73 -1.69 -29.10 | 76.96 -1.62 -27.99 | 78.34 -1.79 -24.39 | 79.43 -2.26 -22.23 | 184.46 -10.53 -6.88 | 183.73 -18.80 70.01 | 392.74 -25.61 -18.38 | 377.46 -23.05 -16.17 | 318.89 -22.77 -11.58 | 290.81 -20.21 0.00 | 262.86 -16.77 0.00 | 209.16 -13.82 -3.51 | 109.25 -5.62 -14.53 |
| STEEL___WIND 323596 | 85.95 -0.79 -43.02 | 84.34 -0.77 -33.90 | 76.15 -0.64 -31.26 | 76.24 -0.77 -29.13 | 85.67 -2.55 -26.06 | 85.66 -0.69 -28.45 | 94.34 -3.24 -32.74 | 89.51 -4.43 -29.69 | 142.23 -10.42 -23.98 | 148.43 -11.34 -26.38 | 142.34 -11.64 -26.08 | 87.62 -3.44 -39.74 | 85.88 -2.94 -38.22 | 85.87 -3.18 -33.31 | 85.84 -3.98 -30.36 | 178.13 -19.37 -9.39 | 177.65 -34.89 60.01 | 195.27 -50.01 154.68 | 201.79 -46.52 136.04 | 190.42 -42.25 97.41 | 274.32 -36.70 0.00 | 249.98 -29.65 0.00 | 201.22 -23.04 -4.79 | 110.85 -9.33 -19.84 |
| STEUBEN_REC_LFGE 323667 | 100.89 1.18 -55.99 | 96.66 1.33 -44.12 | 87.44 1.23 -40.69 | 86.99 1.20 -37.91 | 96.65 0.56 -33.93 | 96.61 1.68 -37.03 | 107.92 0.46 -42.62 | 103.05 0.13 -38.66 | 159.38 -0.51 -31.23 | 167.21 -0.53 -34.36 | 160.83 -1.03 -33.96 | 103.48 0.41 -51.76 | 100.98 0.61 -49.78 | 99.79 0.67 -43.38 | 99.12 0.12 -39.54 | 195.08 -5.27 -12.23 | 258.65 -11.19 2.70 | 378.20 -14.79 6.97 | 365.90 -12.31 6.13 | 310.51 -15.18 4.39 | 296.72 -14.30 0.00 | 268.15 -11.48 0.00 | 215.40 -10.31 -6.24 | 122.06 -4.12 -25.84 |
| STONY___BROOK 24151 | 311.43 5.33 -262.38 | 264.47 6.50 -206.75 | 241.48 5.28 -190.68 | 231.37 5.84 -177.64 | 228.16 7.02 -158.97 | 238.17 6.77 -173.50 | 271.94 7.39 -199.71 | 259.90 7.26 -188.39 | 301.38 14.53 -158.18 | 318.79 14.54 -170.86 | 328.84 13.18 -187.77 | 343.74 5.59 -286.82 | 337.21 5.62 -281.00 | 316.33 6.02 -254.56 | 316.06 6.37 -250.23 | 315.30 19.20 -107.99 | 324.89 24.25 -28.10 | 418.07 21.18 3.07 | 400.86 19.21 2.70 | 348.08 19.80 1.80 | 346.89 22.41 -13.46 | 325.41 22.64 -23.14 | 308.61 22.16 -66.98 | 262.03 8.52 -153.17 |
| STURGEON_POOL_HYD 23609 | 313.93 3.59 -266.63 | 265.51 4.20 -210.10 | 242.97 3.69 -193.77 | 232.09 3.69 -180.52 | 228.56 4.85 -161.55 | 238.85 4.63 -176.31 | 271.80 4.02 -202.94 | 251.13 4.50 -182.38 | 285.62 9.65 -147.30 | 305.86 10.41 -162.06 | 297.83 9.72 -160.21 | 299.61 4.16 -244.14 | 289.60 4.20 -234.81 | 264.87 4.51 -204.61 | 250.77 4.81 -186.50 | 259.93 14.12 -57.71 | 289.92 18.54 1.17 | 418.54 21.58 3.00 | 403.99 22.28 2.64 | 349.97 21.78 1.89 | 331.55 20.52 0.00 | 300.61 20.98 0.00 | 268.00 19.08 -29.44 | 229.28 7.02 -121.92 |
| SYNERGY___BIOGAS 323694 | 79.68 -0.65 -36.62 | 79.35 -0.72 -28.86 | 71.59 -0.54 -26.61 | 72.01 -0.67 -24.80 | 82.17 -2.18 -22.19 | 81.48 -0.64 -24.22 | 89.93 -2.79 -27.87 | 85.48 -4.05 -25.27 | 139.56 -9.52 -20.41 | 145.84 -10.01 -22.46 | 139.61 -10.48 -22.20 | 82.07 -3.08 -33.83 | 80.35 -2.78 -32.54 | 81.03 -3.07 -28.35 | 81.56 -3.74 -25.84 | 178.62 -17.49 -8.00 | 174.96 -31.89 65.70 | 384.27 -45.20 -29.51 | 368.02 -42.28 -25.95 | 309.71 -38.95 -18.58 | 278.05 -32.98 0.00 | 252.79 -26.85 0.00 | 202.70 -20.85 -4.08 | 108.90 -8.33 -16.89 |
| SYRACUSE___ENERGY_ST1 323597 | 68.66 -0.22 -25.17 | 70.73 -0.31 -19.83 | 63.54 -0.27 -18.29 | 64.64 -0.29 -17.04 | 76.79 -0.62 -15.25 | 74.20 -0.35 -16.64 | 82.95 -1.04 -19.15 | 80.66 -0.96 -17.36 | 140.38 -2.31 -14.02 | 146.55 -2.27 -15.43 | 140.85 -2.30 -15.25 | 74.00 -0.56 -23.24 | 72.34 -0.60 -22.35 | 74.61 -0.61 -19.48 | 76.39 -0.83 -17.75 | 189.28 -4.32 -5.49 | 266.15 -7.35 -0.96 | 392.03 -10.40 -2.47 | 377.29 -9.23 -2.17 | 322.40 -9.24 -1.56 | 302.64 -8.38 0.00 | 272.36 -7.27 0.00 | 215.90 -6.37 -2.80 | 109.13 -2.81 -11.60 |
| SYRACUSE___ENERGY_ST2 323598 | 68.66 -0.22 -25.17 | 70.73 -0.31 -19.83 | 63.54 -0.27 -18.29 | 64.64 -0.29 -17.04 | 76.79 -0.62 -15.25 | 74.20 -0.35 -16.64 | 82.95 -1.04 -19.15 | 80.66 -0.96 -17.36 | 140.38 -2.31 -14.02 | 146.55 -2.27 -15.43 | 140.85 -2.30 -15.25 | 74.00 -0.56 -23.24 | 72.34 -0.60 -22.35 | 74.61 -0.61 -19.48 | 76.39 -0.83 -17.75 | 189.28 -4.32 -5.49 | 266.15 -7.35 -0.96 | 392.03 -10.40 -2.47 | 377.29 -9.23 -2.17 | 322.40 -9.24 -1.56 | 302.64 -8.38 0.00 | 272.36 -7.27 0.00 | 215.90 -6.37 -2.80 | 109.13 -2.81 -11.60 |
| SYRACUSE___POWER 24017 | 68.44 -0.17 -24.90 | 70.63 -0.20 -19.62 | 63.44 -0.18 -18.10 | 64.51 -0.24 -16.86 | 76.69 -0.56 -15.09 | 74.14 -0.23 -16.47 | 83.15 -0.65 -18.96 | 80.86 -0.58 -17.18 | 141.13 -1.41 -13.88 | 147.32 -1.33 -15.27 | 141.59 -1.40 -15.09 | 74.06 -0.26 -23.00 | 72.46 -0.25 -22.12 | 74.69 -0.33 -19.28 | 76.56 -0.48 -17.57 | 190.53 -3.02 -5.44 | 267.09 -5.45 0.00 | 392.77 -7.19 0.00 | 377.81 -6.54 0.00 | 323.48 -6.60 0.00 | 304.81 -6.22 0.00 | 274.31 -5.32 0.00 | 217.42 -4.83 -2.77 | 109.70 -2.11 -11.48 |
| TRIGEN___CC 323695 | 310.99 4.89 -262.38 | 263.85 5.89 -206.75 | 241.12 4.92 -190.68 | 230.84 5.31 -177.65 | 227.60 6.46 -158.97 | 237.71 6.31 -173.50 | 271.29 6.74 -199.71 | 259.27 6.62 -188.39 | 300.48 13.63 -158.18 | 318.66 14.41 -170.87 | 329.24 13.55 -187.79 | 455.35 5.80 -398.23 | 410.76 5.82 -354.35 | 328.11 6.24 -266.12 | 316.15 6.42 -250.26 | 420.27 18.99 -213.17 | 344.68 23.99 -48.15 | 425.32 28.40 3.04 | 409.36 27.69 2.68 | 363.39 25.76 -7.55 | 401.44 24.89 -65.52 | 346.10 24.32 -42.15 | 347.28 21.94 -105.86 | 261.34 7.83 -153.17 |
| UNION___PROCESSING_DRP 323587 | 74.39 -1.05 -31.73 | 74.98 -1.23 -25.00 | 67.48 -1.09 -23.06 | 68.17 -1.20 -21.48 | 79.02 -2.36 -19.22 | 77.55 -1.33 -20.98 | 86.46 -2.53 -24.15 | 83.00 -3.15 -21.89 | 139.15 -7.20 -17.68 | 145.38 -7.47 -19.45 | 139.33 -7.81 -19.23 | 78.22 -2.41 -29.31 | 76.51 -2.28 -28.19 | 77.80 -2.51 -24.56 | 78.82 -3.03 -22.39 | 182.06 -12.98 -6.93 | 180.18 -22.34 70.02 | 387.13 -31.20 -18.37 | 371.67 -28.83 -16.16 | 314.59 -27.06 -11.57 | 287.08 -23.94 0.00 | 259.49 -20.14 0.00 | 206.77 -16.24 -3.53 | 108.25 -6.72 -14.63 |
| UPPER HUDSON___HYD 24058 | 382.85 2.80 -336.33 | 319.10 2.87 -265.03 | 292.58 2.64 -244.42 | 278.18 2.58 -227.72 | 269.30 3.35 -203.78 | 283.72 3.42 -222.40 | 324.72 3.89 -255.99 | 297.55 3.79 -229.50 | 322.65 8.62 -185.37 | 346.26 8.94 -203.93 | 337.57 8.06 -201.61 | 361.67 3.13 -307.22 | 348.96 2.88 -295.48 | 316.40 3.18 -257.48 | 297.60 3.45 -234.68 | 271.82 11.10 -72.62 | 286.60 14.98 0.92 | 416.39 18.80 2.37 | 396.86 14.60 2.08 | 343.45 14.87 1.49 | 325.65 14.62 0.00 | 293.88 14.25 0.00 | 269.10 11.84 -37.78 | 262.03 5.21 -156.48 |
| UPPER RAQUET___HYD 24056 | 38.73 -4.98 0.00 | 45.27 -5.94 0.00 | 40.24 -5.28 0.00 | 42.14 -5.75 0.00 | 61.10 -1.06 0.00 | 51.36 -6.54 0.00 | 62.96 -1.88 0.00 | 62.07 -2.18 0.00 | 121.34 -7.33 0.00 | 126.59 -6.80 0.00 | 121.63 -6.26 0.00 | 47.52 -3.80 0.00 | 43.31 -7.28 0.00 | 47.77 -7.97 0.00 | 51.14 -8.33 0.00 | 163.47 -24.64 0.00 | 259.19 -13.35 0.00 | 387.56 -12.40 0.00 | 373.19 -11.16 0.00 | 317.87 -12.21 0.00 | 296.72 -14.30 0.00 | 269.01 -10.63 0.00 | 211.58 -7.89 0.00 | 98.22 -2.11 0.00 |

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| VISCHER___FERRY HYD 24020 | 382.24 3.59 -334.94 | 319.34 4.20 -263.93 | 292.80 3.87 -243.41 | 278.63 3.97 -226.77 | 270.13 5.03 -202.94 | 284.30 4.92 -221.48 | 325.15 5.38 -254.93 | 297.89 5.02 -228.61 | 323.87 10.55 -184.65 | 347.47 10.94 -203.15 | 339.09 10.36 -200.83 | 361.51 4.16 -306.03 | 349.03 4.10 -294.34 | 316.74 4.51 -256.49 | 298.12 4.88 -233.78 | 275.50 15.05 -72.34 | 292.07 20.45 0.92 | 423.56 25.98 2.38 | 405.31 23.06 2.09 | 350.36 21.78 1.50 | 331.23 20.21 0.00 | 299.78 20.14 0.00 | 273.17 16.67 -37.03 | 261.42 7.73 -153.36 |
| WADING RIVER_IC_1 23522 | 310.43 4.33 -262.38 | 263.34 5.38 -206.75 | 240.43 4.23 -190.68 | 230.31 4.79 -177.64 | 226.79 5.66 -158.97 | 236.91 5.50 -173.50 | 270.51 5.96 -199.71 | 258.49 5.85 -188.39 | 298.04 11.19 -158.18 | 313.86 9.61 -170.86 | 323.47 7.80 -187.77 | 340.95 3.44 -286.20 | 334.62 3.44 -280.59 | 313.86 3.62 -254.50 | 313.86 4.16 -250.23 | 307.73 12.22 -107.40 | 315.24 14.71 -27.99 | 400.89 4.00 3.07 | 384.36 2.71 2.70 | 334.17 5.95 1.85 | 334.14 9.95 -13.16 | 313.86 11.20 -23.03 | 301.59 15.36 -66.76 | 259.93 6.43 -153.17 |
| WADING RIVER_IC_2 23547 | 310.43 4.33 -262.38 | 263.34 5.38 -206.75 | 240.43 4.23 -190.68 | 230.31 4.79 -177.64 | 226.79 5.66 -158.97 | 236.91 5.50 -173.50 | 270.51 5.96 -199.71 | 258.49 5.85 -188.39 | 298.04 11.19 -158.18 | 313.86 9.61 -170.86 | 323.47 7.80 -187.77 | 340.95 3.44 -286.20 | 334.62 3.44 -280.59 | 313.86 3.62 -254.50 | 313.86 4.16 -250.23 | 307.73 12.22 -107.40 | 315.24 14.71 -27.99 | 400.89 4.00 3.07 | 384.36 2.71 2.70 | 334.17 5.95 1.85 | 334.14 9.95 -13.16 | 313.86 11.20 -23.03 | 301.59 15.36 -66.76 | 259.93 6.43 -153.17 |
| WADING RIVER_IC_3 23601 | 310.43 4.33 -262.38 | 263.34 5.38 -206.75 | 240.43 4.23 -190.68 | 230.31 4.79 -177.64 | 226.79 5.66 -158.97 | 236.91 5.50 -173.50 | 270.51 5.96 -199.71 | 258.49 5.85 -188.39 | 298.04 11.19 -158.18 | 313.86 9.61 -170.86 | 323.47 7.80 -187.77 | 340.95 3.44 -286.20 | 334.62 3.44 -280.59 | 313.86 3.62 -254.50 | 313.86 4.16 -250.23 | 307.73 12.22 -107.40 | 315.24 14.71 -27.99 | 400.89 4.00 3.07 | 384.36 2.71 2.70 | 334.17 5.95 1.85 | 334.14 9.95 -13.16 | 313.86 11.20 -23.03 | 301.59 15.36 -66.76 | 259.93 6.43 -153.17 |
| WALDEN___HYDRO 24148 | 303.14 4.02 -255.41 | 257.13 4.66 -201.26 | 235.18 4.05 -185.61 | 224.97 4.16 -172.93 | 222.13 5.22 -154.75 | 231.95 5.15 -168.89 | 264.56 5.32 -194.40 | 244.22 5.46 -174.50 | 281.09 11.71 -140.72 | 300.39 12.14 -154.86 | 292.00 11.52 -152.59 | 288.07 4.93 -231.82 | 278.51 4.91 -223.01 | 255.43 5.35 -194.34 | 241.71 5.59 -176.66 | 257.54 16.36 -53.07 | 292.06 21.81 2.30 | 424.32 27.58 3.21 | 408.02 26.50 2.82 | 352.39 24.43 2.12 | 333.29 23.02 0.75 | 300.87 22.09 0.85 | 265.82 19.53 -26.82 | 223.91 7.73 -115.85 |
| WARRENSBURG___ 23737 | 382.89 2.84 -336.33 | 319.20 2.97 -265.03 | 292.68 2.73 -244.42 | 278.28 2.68 -227.72 | 269.36 3.42 -203.78 | 283.72 3.42 -222.40 | 324.66 3.82 -255.99 | 297.42 3.66 -229.50 | 322.39 8.36 -185.37 | 345.99 8.67 -203.93 | 337.18 7.67 -201.61 | 361.51 2.98 -307.22 | 348.76 2.68 -295.48 | 316.18 2.95 -257.48 | 297.30 3.15 -234.68 | 270.88 10.15 -72.62 | 285.51 13.89 0.92 | 414.77 17.19 2.37 | 395.71 13.45 2.08 | 342.45 13.86 1.49 | 324.69 13.67 0.00 | 293.05 13.42 0.00 | 268.66 11.41 -37.78 | 261.93 5.11 -156.48 |
| WATERSIDE___6 8 9 23538 | 311.11 5.03 -262.37 | 263.83 5.89 -206.74 | 241.28 5.10 -190.66 | 230.83 5.31 -177.63 | 227.78 6.65 -158.96 | 237.81 6.43 -173.48 | 271.41 6.87 -199.70 | 269.64 6.88 -198.51 | 361.62 14.28 -218.67 | 426.65 14.94 -278.33 | 400.52 14.20 -258.43 | 449.42 6.00 -392.09 | 456.84 5.97 -400.28 | 450.55 6.57 -388.23 | 448.69 6.84 -382.39 | 424.35 20.51 -215.74 | 450.49 26.72 -151.23 | 539.67 33.98 -105.74 | 482.56 32.29 -65.92 | 461.75 29.37 -102.30 | 395.81 28.30 -56.48 | 390.98 26.85 -84.50 | 371.82 23.93 -128.42 | 300.92 9.54 -191.05 |
| WDELAWARE___HYD 323627 | 271.65 1.92 -226.01 | 231.50 2.20 -178.09 | 211.68 1.91 -164.25 | 203.54 2.63 -153.02 | 201.59 2.49 -136.94 | 209.84 2.49 -149.45 | 239.00 2.14 -172.02 | 222.24 3.53 -154.45 | 260.78 7.59 -124.53 | 278.58 8.14 -137.05 | 270.44 7.54 -135.00 | 259.69 3.33 -205.04 | 251.12 3.29 -197.24 | 231.20 3.57 -171.88 | 219.42 3.75 -156.21 | 245.62 10.72 -46.79 | 278.37 8.17 2.34 | 390.95 -5.60 3.41 | 377.13 -4.22 3.00 | 325.87 -1.97 2.24 | 312.18 1.88 0.73 | 293.07 14.25 0.82 | 256.04 12.95 -23.62 | 207.42 4.62 -102.47 |
| WEST BABYLON___IC 23714 | 311.78 5.68 -262.38 | 264.83 6.86 -206.75 | 241.84 5.64 -190.68 | 231.71 6.18 -177.64 | 228.59 7.46 -158.97 | 238.64 7.24 -173.50 | 272.39 7.84 -199.71 | 260.29 7.64 -188.39 | 302.54 15.69 -158.18 | 320.79 16.54 -170.86 | 331.14 15.47 -187.78 | 369.10 6.62 -311.16 | 354.24 6.63 -297.02 | 319.91 7.08 -257.09 | 317.08 7.37 -250.24 | 341.07 22.00 -130.97 | 333.36 28.34 -32.48 | 427.28 30.38 3.06 | 410.49 28.84 2.69 | 358.05 27.73 -0.24 | 363.53 27.67 -24.83 | 335.46 28.54 -27.29 | 320.17 25.23 -75.47 | 262.84 9.33 -153.17 |
| WEST CANADA___HYD 24049 | 37.66 0.26 6.32 | 46.54 0.31 4.98 | 41.20 0.27 4.59 | 43.89 0.29 4.28 | 58.65 0.31 3.83 | 54.07 0.35 4.18 | 60.42 0.39 4.81 | 60.24 0.39 4.40 | 125.89 0.78 3.55 | 130.42 0.94 3.91 | 124.93 0.90 3.87 | 45.84 0.41 5.89 | 45.33 0.40 5.67 | 51.25 0.44 4.94 | 55.38 0.42 4.50 | 187.66 0.95 1.39 | 273.63 1.09 0.00 | 401.16 1.20 0.00 | 385.50 1.16 0.00 | 331.07 0.99 0.00 | 311.96 0.94 0.00 | 280.47 0.84 0.00 | 219.42 0.66 0.72 | 97.57 0.20 2.97 |
| WESTERN_NY_WIND 24143 | 80.16 -0.65 -37.10 | 79.73 -0.72 -29.24 | 71.89 -0.59 -26.96 | 72.29 -0.72 -25.12 | 82.41 -2.24 -22.48 | 81.80 -0.64 -24.54 | 90.23 -2.85 -28.24 | 85.69 -4.18 -25.60 | 139.69 -9.65 -20.68 | 145.87 -10.27 -22.75 | 139.65 -10.74 -22.49 | 82.41 -3.18 -34.28 | 80.73 -2.83 -32.97 | 81.35 -3.12 -28.73 | 81.78 -3.86 -26.18 | 178.34 -17.87 -8.10 | 174.56 -32.71 65.27 | 384.17 -46.39 -30.60 | 367.83 -43.43 -26.92 | 309.73 -39.62 -19.27 | 277.43 -33.60 0.00 | 252.24 -27.39 0.00 | 202.32 -21.29 -4.13 | 109.02 -8.43 -17.11 |
| WESTOVER___LESR 323668 | 129.10 1.09 -84.29 | 118.96 1.33 -66.42 | 107.96 1.18 -61.26 | 106.20 1.24 -57.07 | 114.36 1.12 -51.07 | 115.21 1.56 -55.74 | 130.03 1.03 -64.16 | 123.49 0.97 -58.26 | 177.39 1.67 -47.06 | 186.77 1.61 -51.77 | 180.36 1.28 -51.18 | 130.29 0.97 -77.99 | 126.62 1.01 -75.02 | 122.22 1.11 -65.37 | 119.94 0.89 -59.58 | 206.92 0.38 -18.44 | 263.36 -1.89 7.29 | 377.97 -3.21 18.78 | 365.92 -1.91 16.52 | 315.28 -2.98 11.83 | 308.22 -2.80 0.00 | 278.52 -1.11 0.00 | 228.00 -0.87 -9.40 | 138.98 -0.30 -38.94 |
| WETHRSFD_WT_PWR 323626 | 91.48 -0.35 -48.12 | 88.82 -0.31 -37.92 | 80.22 -0.27 -34.97 | 80.13 -0.33 -32.58 | 89.64 -1.68 -29.16 | 89.49 -0.23 -31.82 | 99.26 -2.20 -36.63 | 94.32 -3.15 -33.21 | 147.90 -7.59 -26.82 | 154.76 -8.14 -29.51 | 148.51 -8.57 -29.18 | 93.37 -2.41 -44.46 | 91.28 -2.08 -42.76 | 90.77 -2.23 -37.26 | 90.51 -2.91 -33.96 | 183.56 -15.06 -10.51 | 253.82 -27.52 -8.79 | 383.03 -39.60 -22.67 | 367.76 -36.52 -19.94 | 310.37 -33.99 -14.28 | 281.17 -29.86 0.00 | 255.86 -23.77 0.00 | 206.18 -18.66 -5.36 | 115.01 -7.53 -22.20 |
| YORK___WARBASSE 23770 | 311.37 5.29 -262.37 | 264.04 6.09 -206.74 | 241.42 5.23 -190.66 | 230.97 5.46 -177.63 | 227.96 6.84 -158.96 | 237.98 6.60 -173.48 | 271.61 7.07 -199.70 | 269.83 7.07 -198.51 | 361.49 14.15 -218.67 | 426.65 14.94 -278.33 | 400.65 14.32 -258.43 | 449.52 6.10 -392.09 | 456.94 6.07 -400.28 | 450.60 6.63 -388.23 | 448.75 6.89 -382.39 | 425.47 21.62 -215.74 | 451.28 27.52 -151.23 | 540.90 35.20 -105.74 | 624.87 33.42 -207.10 | 462.73 30.35 -102.30 | 397.37 29.86 -56.48 | 391.82 27.69 -84.50 | 372.90 25.01 -128.42 | 301.41 10.03 -191.05 |