

| New York Independent System Operator                                             |                    |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                    |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                    | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name          | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 23512                                                                            | ARTHUR_KILL_2      | 1969.32                 | -5100.75           | 720         | 681             | 2.74           | -7.08              |
| 23513                                                                            | ARTHUR_KILL_3      | 1963.39                 | -4174.31           | 720         | 612             | 2.73           | -5.8               |
| 23514                                                                            | ALLEGHENY___COGEN  | 533.56                  | -2325.77           | 720         | 535             | 0.74           | -3.23              |
| 23515                                                                            | BROOKLYN_NAVY_YARD | 1986.01                 | -2571.55           | 720         | 537             | 2.76           | -3.57              |
| 23516                                                                            | ASTORIA___3        | 2017.18                 | -2988.58           | 720         | 617             | 2.8            | -4.15              |
| 23517                                                                            | ASTORIA___4        | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 23518                                                                            | ASTORIA___5        | 2017.07                 | -2988.58           | 720         | 617             | 2.8            | -4.15              |
| 23519                                                                            | POLETTI___         | 1962.61                 | -2611.18           | 720         | 537             | 2.73           | -3.63              |
| 23520                                                                            | ARTHUR_KILL_GT_1   | 1969.32                 | -5100.75           | 720         | 681             | 2.74           | -7.08              |
| 23522                                                                            | WADING_RIVER_IC_1  | 2329.12                 | -4342.72           | 720         | 701             | 3.23           | -6.03              |
| 23523                                                                            | ASTORIA_GT_1       | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 23524                                                                            | EAST_RIVER___7     | 2006.11                 | -2605.4            | 720         | 537             | 2.79           | -3.62              |
| 23526                                                                            | BOWLINE___1        | 1649.16                 | -2008.91           | 720         | 351             | 2.29           | -2.79              |
| 23527                                                                            | ADK_NYS___DAM      | 1151.25                 | -2332.21           | 720         | 344             | 1.6            | -3.24              |
| 23528                                                                            | NEG_PENN_ALLEGHNY  | 601.23                  | -1691.55           | 720         | 538             | 0.84           | -2.35              |
| 23530                                                                            | INDIAN_POINT___2   | 1646.49                 | -2018.07           | 720         | 422             | 2.29           | -2.8               |
| 23531                                                                            | INDIAN_POINT___3   | 1629.03                 | -2037.27           | 720         | 404             | 2.26           | -2.83              |
| 23532                                                                            | RUSSELL___2        | 184.24                  | -736.83            | 720         | 484             | 0.26           | -1.02              |
| 23533                                                                            | RAVENSWOOD___1     | 2031.09                 | -2989.15           | 720         | 617             | 2.82           | -4.15              |
| 23534                                                                            | RAVENSWOOD___2     | 2002.99                 | -2987.55           | 720         | 617             | 2.78           | -4.15              |
| 23535                                                                            | RAVENSWOOD___3     | 1978.96                 | -2682.89           | 720         | 537             | 2.75           | -3.73              |
| 23538                                                                            | WATERSIDE___6 8 9  | 2019.72                 | -2522.09           | 720         | 647             | 2.81           | -3.5               |
| 23540                                                                            | HUDSON_AVE_GT_4    | 2027.92                 | -2613.01           | 720         | 537             | 2.82           | -3.63              |
| 23543                                                                            | KINTIGH___         | -420.75                 | 563.37             | 720         | 535             | -0.58          | 0.78               |
| 23545                                                                            | BARRETT___1        | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |
| 23546                                                                            | BARRETT___2        | 2081.77                 | -7141.29           | 720         | 711             | 2.89           | -9.92              |
| 23547                                                                            | WADING_RIVER_IC_2  | 2329.12                 | -4342.72           | 720         | 701             | 3.23           | -6.03              |
| 23548                                                                            | FAR_ROCKAWAY___4   | 2373.31                 | -6280.39           | 720         | 707             | 3.3            | -8.72              |
| 23549                                                                            | RUSSELL___3        | 184.24                  | -736.83            | 720         | 484             | 0.26           | -1.02              |
| 23550                                                                            | GLENWOOD___4       | 2132.26                 | -4679.86           | 720         | 706             | 2.96           | -6.5               |
| 23551                                                                            | NORTHPORT___1      | 2194.05                 | -4111.22           | 720         | 704             | 3.05           | -5.71              |
| 23552                                                                            | NORTHPORT___2      | 2194.05                 | -4111.22           | 720         | 704             | 3.05           | -5.71              |
| 23553                                                                            | NORTHPORT___3      | 2054.85                 | -4123.11           | 720         | 705             | 2.85           | -5.73              |

| New York Independent System Operator                                             |                    |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                    |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                    | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name          | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 23555                                                                            | PORT_JEFF__3       | 2394.86                 | -4342.92           | 720         | 701             | 3.33           | -6.03              |
| 23556                                                                            | RUSSELL__4         | 184.24                  | -736.83            | 720         | 484             | 0.26           | -1.02              |
| 23557                                                                            | HUNTLEY__63        | -49                     | -3174.98           | 720         | 535             | -0.07          | -4.41              |
| 23558                                                                            | HUNTLEY__64        | -49                     | -3174.98           | 720         | 535             | -0.07          | -4.41              |
| 23559                                                                            | HUNTLEY__65        | -49                     | -3174.98           | 720         | 535             | -0.07          | -4.41              |
| 23560                                                                            | HUNTLEY__66        | -49                     | -3174.98           | 720         | 535             | -0.07          | -4.41              |
| 23561                                                                            | HUNTLEY__67        | -217.89                 | -12322.81          | 720         | 535             | -0.3           | -17.12             |
| 23562                                                                            | HUNTLEY__68        | -217.89                 | -12322.81          | 720         | 535             | -0.3           | -17.12             |
| 23563                                                                            | DUNKIRK__1         | 385.93                  | -7532.73           | 720         | 535             | 0.54           | -10.46             |
| 23564                                                                            | DUNKIRK__2         | 385.93                  | -7532.73           | 720         | 535             | 0.54           | -10.46             |
| 23565                                                                            | DUNKIRK__3         | 299.05                  | -8037.1            | 720         | 535             | 0.42           | -11.16             |
| 23566                                                                            | DUNKIRK__4         | 299.05                  | -8037.1            | 720         | 535             | 0.42           | -11.16             |
| 23567                                                                            | INDECK__ILION      | 384.89                  | -1016.38           | 720         | 387             | 0.53           | -1.41              |
| 23570                                                                            | LYONS_FALL_HYD     | 313.41                  | -6228.3            | 720         | 529             | 0.44           | -8.65              |
| 23571                                                                            | ALBANY__1          | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 23572                                                                            | ALBANY__2          | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 23573                                                                            | ALBANY__3          | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 23574                                                                            | ALBANY__4          | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 23575                                                                            | NINE_MILE_1        | -386.86                 | -594.02            | 720         | 357             | -0.54          | -0.83              |
| 23579                                                                            | GOUDEY__7          | 511.05                  | -1700.25           | 720         | 538             | 0.71           | -2.36              |
| 23580                                                                            | GOUDEY__8          | 510.71                  | -1700.25           | 720         | 538             | 0.71           | -2.36              |
| 23582                                                                            | GREENIDGE__3       | 336.07                  | -1908.46           | 720         | 539             | 0.47           | -2.65              |
| 23583                                                                            | GREENIDGE__4       | 336.07                  | -1908.46           | 720         | 539             | 0.47           | -2.65              |
| 23584                                                                            | MILLIKEN__1        | 430.46                  | -1321.7            | 720         | 518             | 0.6            | -1.84              |
| 23585                                                                            | MILLIKEN__2        | 430.46                  | -1321.7            | 720         | 518             | 0.6            | -1.84              |
| 23586                                                                            | DANSKAMMER__1      | 1869.21                 | -2089.37           | 720         | 344             | 2.6            | -2.9               |
| 23587                                                                            | ROSETON__1         | 1562.09                 | -2078.9            | 720         | 344             | 2.17           | -2.89              |
| 23588                                                                            | ROSETON__2         | 1562.09                 | -2078.9            | 720         | 344             | 2.17           | -2.89              |
| 23589                                                                            | DANSKAMMER__2      | 1869.21                 | -2089.37           | 720         | 344             | 2.6            | -2.9               |
| 23590                                                                            | DANSKAMMER__3      | 1869.21                 | -2089.37           | 720         | 344             | 2.6            | -2.9               |
| 23591                                                                            | DANSKAMMER__4      | 1869.21                 | -2089.37           | 720         | 344             | 2.6            | -2.9               |
| 23592                                                                            | DANSKAMMER__DIESEL | 1869.21                 | -2089.37           | 720         | 344             | 2.6            | -2.9               |
| 23593                                                                            | LOVETT__5          | 1666.11                 | -2004.48           | 720         | 351             | 2.31           | -2.78              |

| New York Independent System Operator                                             |                       |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|-----------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                       |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                       | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name             | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 23595                                                                            | BOWLINE__2            | 1645.19                 | -2009.02           | 720         | 351             | 2.28           | -2.79              |
| 23598                                                                            | FITZPATRICK__         | -386.75                 | -599.25            | 720         | 343             | -0.54          | -0.83              |
| 23599                                                                            | GILBOA__              | 868.02                  | -1964.03           | 720         | 332             | 1.21           | -2.73              |
| 23600                                                                            | ST LAWRENCE__         | -867.37                 | 6545.76            | 720         | 511             | -1.2           | 9.09               |
| 23601                                                                            | WADING RIVER_IC_3     | 2329.12                 | -4342.72           | 720         | 701             | 3.23           | -6.03              |
| 23602                                                                            | RUSSELL__1            | 184.24                  | -736.83            | 720         | 484             | 0.26           | -1.02              |
| 23603                                                                            | GINNA__               | -784.99                 | -677.7             | 720         | 517             | -1.09          | -0.94              |
| 23604                                                                            | STATION 5_MISC_HYD    | 70.64                   | -724.84            | 720         | 496             | 0.1            | -1.01              |
| 23606                                                                            | OSWEGO__5             | -255.54                 | -985.04            | 720         | 365             | -0.35          | -1.37              |
| 23607                                                                            | EAST__DELAWARE_HYD    | 1154.53                 | -1902.6            | 720         | 332             | 1.6            | -2.64              |
| 23608                                                                            | NEVERSINK__HYD        | 1263.32                 | -1895.96           | 720         | 332             | 1.75           | -2.63              |
| 23609                                                                            | STURGEON_POOL_HYD     | 1579.77                 | -2066.91           | 720         | 344             | 2.19           | -2.87              |
| 23610                                                                            | DASHVILLE__HYD        | 1515.73                 | -2069.2            | 720         | 344             | 2.11           | -2.87              |
| 23611                                                                            | COXSACKIE__GT         | 1620.37                 | -2137.14           | 720         | 344             | 2.25           | -2.97              |
| 23612                                                                            | SOUTH CAIRO__GT       | 1620.37                 | -2137.14           | 720         | 344             | 2.25           | -2.97              |
| 23613                                                                            | OSWEGO__6             | -255.54                 | -985.04            | 720         | 365             | -0.35          | -1.37              |
| 23614                                                                            | GLENWOOD__5           | 2132.26                 | -4679.86           | 720         | 706             | 2.96           | -6.5               |
| 23616                                                                            | PORT_JEFF_4           | 2394.86                 | -4342.92           | 720         | 701             | 3.33           | -6.03              |
| 23619                                                                            | BEEBEE_GT_13          | 70.64                   | -724.84            | 720         | 496             | 0.1            | -1.01              |
| 23621                                                                            | HICKLING__1           | 697.53                  | -2245.84           | 720         | 539             | 0.97           | -3.12              |
| 23622                                                                            | HICKLING__2           | 697.53                  | -2245.84           | 720         | 539             | 0.97           | -3.12              |
| 23625                                                                            | JENNISON__1           | 1232.16                 | -1519.17           | 720         | 479             | 1.71           | -2.11              |
| 23626                                                                            | JENNISON__2           | 1232.16                 | -1519.17           | 720         | 479             | 1.71           | -2.11              |
| 23627                                                                            | NEG CENTRAL__SENECA   | 302.38                  | -1042.78           | 720         | 418             | 0.42           | -1.45              |
| 23628                                                                            | NEG NORTH__PLATTSBURG | -581.16                 | 6561.82            | 720         | 511             | -0.81          | 9.11               |
| 23629                                                                            | MILLIKEN__DIESEL      | 430.46                  | -1321.7            | 720         | 518             | 0.6            | -1.84              |
| 23632                                                                            | LOVETT__3             | 1666.11                 | -2004.48           | 720         | 351             | 2.31           | -2.78              |
| 23639                                                                            | HILLBURN__GT          | 1727.41                 | -1986.71           | 720         | 351             | 2.4            | -2.76              |
| 23640                                                                            | SHOEMAKER__GT         | 1417.99                 | -1937.8            | 720         | 344             | 1.97           | -2.69              |
| 23641                                                                            | MONGAUP__HYD          | 1995.62                 | -1937.8            | 720         | 344             | 2.77           | -2.69              |
| 23642                                                                            | LOVETT__4             | 1666.11                 | -2004.48           | 720         | 351             | 2.31           | -2.78              |
| 23644                                                                            | HQ_GEN_CEDARS         | -868.8                  | 8552.74            | 720         | 511             | -1.21          | 11.88              |
| 23645                                                                            | NEG CAPITAL__MECHNVIL | 1411.94                 | -2374.78           | 720         | 341             | 1.96           | -3.3               |

| New York Independent System Operator                                             |                   |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|-------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                   |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                   | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name         | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 23646                                                                            | RANKINE_____      | 155.91                  | -6949.89           | 720         | 535             | 0.22           | -9.65              |
| 23647                                                                            | HEMPSTEAD_____    | 2163.3                  | -4771.52           | 720         | 706             | 3              | -6.63              |
| 23650                                                                            | NORTHPORT___4     | 2054.85                 | -4123.11           | 720         | 705             | 2.85           | -5.73              |
| 23651                                                                            | HQ_GEN_WHEEL      | -564.9                  | 1788.37            | 720         | 583             | -0.78          | 2.48               |
| 23652                                                                            | ROCHESTER_9_IC    | 70.64                   | -724.84            | 720         | 496             | 0.1            | -1.01              |
| 23653                                                                            | PEEKSKILL_____    | 1698.08                 | -2036.92           | 720         | 423             | 2.36           | -2.83              |
| 23654                                                                            | ASHOKAN_____      | 1823.69                 | -2108.66           | 720         | 344             | 2.53           | -2.93              |
| 23655                                                                            | KENSICO_____      | 1804.65                 | -2041.95           | 720         | 425             | 2.51           | -2.84              |
| 23656                                                                            | LIPA_MISC_IPP     | 2381.77                 | -4342.56           | 720         | 701             | 3.31           | -6.03              |
| 23657                                                                            | HUDSON_AVE_GT_5   | 2027.92                 | -2613.01           | 720         | 537             | 2.82           | -3.63              |
| 23659                                                                            | INDIAN_POINT_GT_2 | 1698.08                 | -2036.92           | 720         | 423             | 2.36           | -2.83              |
| 23660                                                                            | EAST_RIVER___6    | 2006.11                 | -2605.4            | 720         | 537             | 2.79           | -3.62              |
| 23668                                                                            | ATHENS_STG_1      | 1080.32                 | -2158.68           | 720         | 344             | 1.5            | -3                 |
| 23670                                                                            | ATHENS_STG_2      | 1080.32                 | -2158.68           | 720         | 344             | 1.5            | -3                 |
| 23677                                                                            | ATHENS_STG_3      | 1080.32                 | -2158.68           | 720         | 344             | 1.5            | -3                 |
| 23688                                                                            | GLENWOOD_IC_2_G1  | 2001.63                 | -4304.22           | 720         | 699             | 2.78           | -5.98              |
| 23689                                                                            | GLENWOOD_IC_3_G1  | 2001.63                 | -4304.22           | 720         | 699             | 2.78           | -5.98              |
| 23690                                                                            | HOLTSVILLE_IC_1   | 2362.55                 | -4338.52           | 720         | 701             | 3.28           | -6.03              |
| 23691                                                                            | HOLTSVILLE_IC_2   | 2362.55                 | -4338.52           | 720         | 701             | 3.28           | -6.03              |
| 23692                                                                            | HOLTSVILLE_IC_3   | 2362.55                 | -4338.52           | 720         | 701             | 3.28           | -6.03              |
| 23693                                                                            | HOLTSVILLE_IC_4   | 2362.55                 | -4338.52           | 720         | 701             | 3.28           | -6.03              |
| 23694                                                                            | HOLTSVILLE_IC_5   | 2362.55                 | -4338.52           | 720         | 701             | 3.28           | -6.03              |
| 23695                                                                            | HOLTSVILLE_IC_6   | 2520.2                  | -4350.4            | 720         | 700             | 3.5            | -6.04              |
| 23696                                                                            | HOLTSVILLE_IC_7   | 2520.2                  | -4350.4            | 720         | 700             | 3.5            | -6.04              |
| 23697                                                                            | HOLTSVILLE_IC_8   | 2520.2                  | -4350.4            | 720         | 700             | 3.5            | -6.04              |
| 23698                                                                            | HOLTSVILLE_IC_9   | 2520.2                  | -4350.4            | 720         | 700             | 3.5            | -6.04              |
| 23699                                                                            | HOLTSVILLE_IC_10  | 2520.2                  | -4350.4            | 720         | 700             | 3.5            | -6.04              |
| 23700                                                                            | BARRETT_IC_9      | 2081.77                 | -7141.29           | 720         | 711             | 2.89           | -9.92              |
| 23701                                                                            | BARRETT_IC_10     | 2081.77                 | -7141.29           | 720         | 711             | 2.89           | -9.92              |
| 23702                                                                            | BARRETT_IC_11     | 2081.77                 | -7141.29           | 720         | 711             | 2.89           | -9.92              |
| 23703                                                                            | BARRETT_IC_12     | 2081.77                 | -7141.29           | 720         | 711             | 2.89           | -9.92              |
| 23704                                                                            | BARRETT_IC_1      | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |
| 23705                                                                            | BARRETT_IC_2      | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |

| New York Independent System Operator                                             |                        |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|------------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                        |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                        | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name              | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 23706                                                                            | BARRETT_IC_3           | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |
| 23707                                                                            | BARRETT_IC_4           | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |
| 23708                                                                            | BARRETT_IC_5           | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |
| 23709                                                                            | BARRETT_IC_6           | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |
| 23710                                                                            | BARRETT_IC_7           | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |
| 23711                                                                            | BARRETT_IC_8           | 2081.8                  | -7563.53           | 720         | 711             | 2.89           | -10.5              |
| 23712                                                                            | GLENWOOD_IC_1_G5       | 2124.37                 | -4679.86           | 720         | 706             | 2.95           | -6.5               |
| 23713                                                                            | PORT_JEFF_IC           | 2461.98                 | -4345.9            | 720         | 700             | 3.42           | -6.04              |
| 23714                                                                            | WEST BABYLON_IC        | 2531.01                 | -4523.89           | 720         | 701             | 3.52           | -6.28              |
| 23715                                                                            | SHOREHAM_IC_1          | 2294.17                 | -4344.29           | 720         | 701             | 3.19           | -6.03              |
| 23716                                                                            | SHOREHAM_IC_2          | 2294.17                 | -4344.29           | 720         | 701             | 3.19           | -6.03              |
| 23717                                                                            | EAST HAMPTON_GT        | 3813.36                 | -4343.3            | 720         | 701             | 5.3            | -6.03              |
| 23718                                                                            | NORTHPORT_IC           | 2194.05                 | -4111.22           | 720         | 704             | 3.05           | -5.71              |
| 23719                                                                            | SOUTHOLD_IC            | 3812.7                  | -4343.35           | 720         | 701             | 5.3            | -6.03              |
| 23720                                                                            | SOUTH HAMPTN_IC        | 3312.84                 | -4343.24           | 720         | 701             | 4.6            | -6.03              |
| 23721                                                                            | MONTAUK_DIESEL         | 3813.36                 | -4343.3            | 720         | 701             | 5.3            | -6.03              |
| 23722                                                                            | EAST_HAMPTON_DIESEL    | 3815.83                 | -4343.3            | 720         | 701             | 5.3            | -6.03              |
| 23729                                                                            | RAVENSWOOD_GT_1        | 2042.42                 | -3461.6            | 720         | 648             | 2.84           | -4.81              |
| 23735                                                                            | SISSONVILLE            | -810.67                 | 13426.99           | 720         | 523             | -1.13          | 18.65              |
| 23737                                                                            | WARRENSBURG            | 1446.12                 | -2373.81           | 720         | 344             | 2.01           | -3.3               |
| 23743                                                                            | JARVIS                 | 166.78                  | -1016.38           | 720         | 387             | 0.23           | -1.41              |
| 23744                                                                            | NINE_MILE_2            | -386.01                 | -589.59            | 720         | 357             | -0.54          | -0.82              |
| 23752                                                                            | CORNELL                | 516.07                  | -1464.02           | 720         | 505             | 0.72           | -2.03              |
| 23754                                                                            | HIGH FALLS_HY          | 1599.49                 | -2024.62           | 720         | 332             | 2.22           | -2.81              |
| 23756                                                                            | GILBOA_1               | 868.02                  | -1964.03           | 720         | 332             | 1.21           | -2.73              |
| 23757                                                                            | GILBOA_2               | 868.02                  | -1964.03           | 720         | 332             | 1.21           | -2.73              |
| 23758                                                                            | GILBOA_3               | 868.02                  | -1964.03           | 720         | 332             | 1.21           | -2.73              |
| 23759                                                                            | GILBOA_4               | 868.02                  | -1964.03           | 720         | 332             | 1.21           | -2.73              |
| 23760                                                                            | NIAGARA                | -617.21                 | -155.21            | 720         | 529             | -0.86          | -0.22              |
| 23764                                                                            | FREEPORT_EQUS_GT1      | 2295.52                 | -4991.21           | 720         | 706             | 3.19           | -6.93              |
| 23765                                                                            | CH_MISC_IPPS           | 1869.21                 | -2089.37           | 720         | 344             | 2.6            | -2.9               |
| 23766                                                                            | FULTON COGEN           | -87.1                   | -1902.75           | 720         | 641             | -0.12          | -2.64              |
| 23767                                                                            | NEG CENTRAL_HIGH_ACRES | -331.74                 | -720.61            | 720         | 497             | -0.46          | -1                 |

| New York Independent System Operator                                             |                        |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|------------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                        |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                        | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name              | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 23768                                                                            | NEG CENTRAL___INDECK   | 485.21                  | -2331.66           | 720         | 535             | 0.67           | -3.24              |
| 23769                                                                            | LEDERLE___             | 1798.95                 | -1999.33           | 720         | 351             | 2.5            | -2.78              |
| 23770                                                                            | YORK___WARBASSE        | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 23776                                                                            | E_FISHKILL___LBMP      | 1630.31                 | -2121.65           | 720         | 344             | 2.26           | -2.95              |
| 23777                                                                            | SITHE___STERLING       | 475.63                  | -2232.03           | 720         | 628             | 0.66           | -3.1               |
| 23778                                                                            | GLEN PARK___           | 281.86                  | -8109.81           | 720         | 634             | 0.39           | -11.26             |
| 23779                                                                            | BETHLEHEM___STEEL      | 155.91                  | -6949.89           | 720         | 535             | 0.22           | -9.65              |
| 23780                                                                            | FORT_DRUM_COGEN        | 215.04                  | -8493.44           | 720         | 622             | 0.3            | -11.8              |
| 23781                                                                            | INDECK___YERKES        | -28.48                  | -3174.98           | 720         | 535             | -0.04          | -4.41              |
| 23783                                                                            | INDECK___OSWEGO        | -256.86                 | -2179.61           | 720         | 641             | -0.36          | -3.03              |
| 23786                                                                            | LINDEN COGEN___        | 1952.61                 | -2618.72           | 720         | 537             | 2.71           | -3.64              |
| 23790                                                                            | BINGHAMTON___COGEN     | 517.12                  | -1690.67           | 720         | 538             | 0.72           | -2.35              |
| 23791                                                                            | NEG WEST_LEA_LOCKPORT  | -356.56                 | -2519.69           | 720         | 534             | -0.5           | -3.5               |
| 23792                                                                            | NEG NORTH_KES_CHATEGAY | -698.54                 | 6977.44            | 720         | 511             | -0.97          | 9.69               |
| 23793                                                                            | NEG NORTH_FLCN_SEA     | -548.39                 | 6372.72            | 720         | 511             | -0.76          | 8.85               |
| 23794                                                                            | NYPA___HOLTSVILL       | 2359.23                 | -4338.52           | 720         | 701             | 3.28           | -6.03              |
| 23796                                                                            | RENSSELAER___COGEN     | 798.03                  | -2295.34           | 720         | 335             | 1.11           | -3.19              |
| 23797                                                                            | SENECA___ENERGY        | -37.01                  | -1121.46           | 720         | 448             | -0.05          | -1.56              |
| 23798                                                                            | ADK RESOURCE___RCVRY   | 1616.05                 | -2353.96           | 720         | 344             | 2.24           | -3.27              |
| 23799                                                                            | SELKIRK___II           | 783.87                  | -2279.58           | 720         | 323             | 1.09           | -3.17              |
| 23800                                                                            | SITHE___INDEPEND       | -386.34                 | -613.39            | 720         | 357             | -0.54          | -0.85              |
| 23801                                                                            | SELKIRK___I            | 788.98                  | -2278.22           | 720         | 323             | 1.1            | -3.16              |
| 23802                                                                            | INDECK___CORINTH       | 1402.98                 | -2373.81           | 720         | 344             | 1.95           | -3.3               |
| 23803                                                                            | BURROWS___LYONSDAL     | 313.41                  | -6228.3            | 720         | 529             | 0.44           | -8.65              |
| 23804                                                                            | IP___TICONDEROGA       | 1838.19                 | -2320.11           | 720         | 344             | 2.55           | -3.22              |
| 23807                                                                            | DOGLEVILLE___HYD       | 695.37                  | -1016.38           | 720         | 387             | 0.97           | -1.41              |
| 23808                                                                            | GENERAL___MILLS        | 155.91                  | -6949.89           | 720         | 535             | 0.22           | -9.65              |
| 23810                                                                            | HUDSON AVE_GT_3        | 2027.92                 | -2613.01           | 720         | 537             | 2.82           | -3.63              |
| 23811                                                                            | NEG WEST___LANCASTR    | 435.81                  | -5736.59           | 720         | 535             | 0.61           | -7.97              |
| 23814                                                                            | GLOBAL GREEN_PORT_GT1  | 3812.7                  | -4343.35           | 720         | 701             | 5.3            | -6.03              |
| 23815                                                                            | FPL FAR_ROCK_GT2       | 2373.31                 | -6280.39           | 720         | 707             | 3.3            | -8.72              |
| 23816                                                                            | KIAC_JFK_GT1           | 1945.03                 | -2571.55           | 720         | 537             | 2.7            | -3.57              |
| 23817                                                                            | KIAC_JFK_GT2           | 1945.03                 | -2571.55           | 720         | 537             | 2.7            | -3.57              |

| New York Independent System Operator                                             |                         |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|-------------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                         |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                         | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name               | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 23818                                                                            | FREEPORT___CT2          | 2295.52                 | -4991.21           | 720         | 706             | 3.19           | -6.93              |
| 23819                                                                            | ONTARIO___LFGE          | 302.38                  | -1042.78           | 720         | 418             | 0.42           | -1.45              |
| 23820                                                                            | RAVENSWOOD___4          | 2019.72                 | -2522.09           | 720         | 647             | 2.81           | -3.5               |
| 23823                                                                            | CALPINE_BP_GT1          | 2311.76                 | -4643.38           | 720         | 703             | 3.21           | -6.45              |
| 23824                                                                            | BORALEX_4TH_BRANCH      | 1151.25                 | -2332.21           | 720         | 344             | 1.6            | -3.24              |
| 23843                                                                            | BETHLEHEM___GRP         | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 23847                                                                            | NEWTON___FALLS_HYD      | -369.1                  | 22270.12           | 720         | 529             | -0.51          | 30.93              |
| 23848                                                                            | NYS_BARGE___HYD         | -331.5                  | -2415.23           | 720         | 534             | -0.46          | -3.35              |
| 23849                                                                            | MID___OSWEGATCHIE_HYD   | -369.1                  | 22270.12           | 720         | 529             | -0.51          | 30.93              |
| 23850                                                                            | LWR___OSWEGATCHIE_HYD   | -369.1                  | 22270.12           | 720         | 529             | -0.51          | 30.93              |
| 23851                                                                            | MID___RAQUETTE_HYD      | -810.67                 | 13426.99           | 720         | 523             | -1.13          | 18.65              |
| 23852                                                                            | PIERCEFIELD___HYD       | -810.67                 | 13426.99           | 720         | 523             | -1.13          | 18.65              |
| 23856                                                                            | FIBERTEK___ENERGY       | 63.85                   | -1545.41           | 720         | 625             | 0.09           | -2.15              |
| 23857                                                                            | CARTHAGE___PAPER        | 121.7                   | -9124.34           | 720         | 622             | 0.17           | -12.67             |
| 23858                                                                            | NSINS_S_GLNS_FALLS      | 1539.99                 | -2369.02           | 720         | 344             | 2.14           | -3.29              |
| 23895                                                                            | CH_RES_NIAGARA          | -614.14                 | -781.97            | 720         | 532             | -0.85          | -1.09              |
| 23900                                                                            | FORT ORANGE___          | 898.18                  | -2282.83           | 720         | 344             | 1.25           | -3.17              |
| 23901                                                                            | NEPA___ENERGY           | 226.65                  | -4711.51           | 720         | 535             | 0.31           | -6.54              |
| 23902                                                                            | SITHE___MASSENA         | -826.66                 | 7705.06            | 720         | 511             | -1.15          | 10.7               |
| 23913                                                                            | NEG NORTH___LWR_SARANAC | -581.16                 | 6561.82            | 720         | 511             | -0.81          | 9.11               |
| 23914                                                                            | RUSSELL___STATION       | 184.24                  | -736.83            | 720         | 484             | 0.26           | -1.02              |
| 23915                                                                            | NEG NORTH___ALICE_FALLS | -581.16                 | 6561.82            | 720         | 511             | -0.81          | 9.11               |
| 23982                                                                            | INDECK___OLEAN          | 679.87                  | -5122.28           | 720         | 535             | 0.94           | -7.11              |
| 23983                                                                            | CH_RES_BVR_FALLS        | -255.46                 | 2016.15            | 720         | 622             | -0.35          | 2.8                |
| 23985                                                                            | CH_RES_SYRACUSE         | 63.85                   | -1545.41           | 720         | 625             | 0.09           | -2.15              |
| 23986                                                                            | ONONDAGA___COGEN        | 63.85                   | -1545.41           | 720         | 625             | 0.09           | -2.15              |
| 23987                                                                            | ONONDAGA_REF_OCCRA      | 141.56                  | -1544.94           | 720         | 612             | 0.2            | -2.15              |
| 23988                                                                            | IP CORINTH___1          | 1446.12                 | -2373.81           | 720         | 344             | 2.01           | -3.3               |
| 24000                                                                            | PLEASANTVLY___LBMP      | 1603.73                 | -2143.16           | 720         | 344             | 2.23           | -2.98              |
| 24008                                                                            | NYISO_LBMP_REFERENCE    | 0                       | 0                  | 720         | 0               | 0              | 0                  |
| 24010                                                                            | AMERICAN_REF_FUEL       | -593.56                 | -3018.04           | 720         | 525             | -0.82          | -4.19              |
| 24011                                                                            | ADK HUDSON___FALLS      | 1523.12                 | -2365.87           | 720         | 344             | 2.12           | -3.29              |
| 24013                                                                            | LITTLE FALLS___HYD      | 695.37                  | -1016.38           | 720         | 387             | 0.97           | -1.41              |

| New York Independent System Operator                                             |                    |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                    |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                    | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name          | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 24014                                                                            | LONG_LAKE_PHOENIX  | -87.1                   | -1902.75           | 720         | 641             | -0.12          | -2.64              |
| 24016                                                                            | HARZA MOOSE__RIVER | 313.41                  | -6228.3            | 720         | 529             | 0.44           | -8.65              |
| 24017                                                                            | SYRACUSE__POWER    | 120.58                  | -1541.91           | 720         | 612             | 0.17           | -2.14              |
| 24018                                                                            | CRESCENT__HYD      | 1074.81                 | -2352.26           | 720         | 344             | 1.49           | -3.27              |
| 24019                                                                            | INDIAN POINT_GT_3  | 1698.08                 | -2036.92           | 720         | 423             | 2.36           | -2.83              |
| 24020                                                                            | VISCHER__FERRY HYD | 1074.81                 | -2352.26           | 720         | 344             | 1.49           | -3.27              |
| 24021                                                                            | SITHE__OGDNSBRG    | -733.93                 | 11237.87           | 720         | 511             | -1.02          | 15.61              |
| 24023                                                                            | PYRITES__HYD       | -708.8                  | 12699.34           | 720         | 523             | -0.98          | 17.64              |
| 24024                                                                            | SITHE__BATAVIA     | 90.46                   | -1870.85           | 720         | 494             | 0.13           | -2.6               |
| 24026                                                                            | OXBOW__            | -289.42                 | -2035.59           | 720         | 489             | -0.4           | -2.83              |
| 24028                                                                            | ADK S GLENS__FALLS | 1523.12                 | -2365.87           | 720         | 344             | 2.12           | -3.29              |
| 24039                                                                            | GARDENVILLE__LBMP  | 87.65                   | -8354.16           | 720         | 535             | 0.12           | -11.6              |
| 24041                                                                            | SENECA OSWGO__HYD  | -87.1                   | -1902.75           | 720         | 641             | -0.12          | -2.64              |
| 24042                                                                            | N SALMON__HYD      | -639.89                 | 8471.83            | 720         | 511             | -0.89          | 11.77              |
| 24043                                                                            | S SALMON__HYD      | -66.42                  | -3780.05           | 720         | 646             | -0.09          | -5.25              |
| 24044                                                                            | OSWEGATCHIE__HYD   | -369.1                  | 22270.12           | 720         | 529             | -0.51          | 30.93              |
| 24046                                                                            | OAK ORCHARD__HYD   | -11.52                  | -811.92            | 720         | 438             | -0.02          | -1.13              |
| 24047                                                                            | BLACK RIVER__HYD   | 226.1                   | -8273.82           | 720         | 622             | 0.31           | -11.49             |
| 24048                                                                            | BEAVER RIVER__HYD  | 66.82                   | -11296.79          | 720         | 534             | 0.09           | -15.69             |
| 24049                                                                            | WEST CANADA__HYD   | 166.78                  | -1016.38           | 720         | 387             | 0.23           | -1.41              |
| 24050                                                                            | E_CANADA_MHWK_HY   | 695.37                  | -1016.38           | 720         | 387             | 0.97           | -1.41              |
| 24051                                                                            | E_CANADA_CAP_HY    | 1077.37                 | -2669.67           | 720         | 323             | 1.5            | -3.71              |
| 24053                                                                            | NM_ST_REGIS__HYD   | -784.53                 | 12516.23           | 720         | 523             | -1.09          | 17.38              |
| 24054                                                                            | FRANKLIN_FALL_HYD  | -639.89                 | 8471.83            | 720         | 511             | -0.89          | 11.77              |
| 24056                                                                            | UPPER RAQUET__HYD  | -810.67                 | 13426.99           | 720         | 523             | -1.13          | 18.65              |
| 24057                                                                            | LOWER RAQUET__HYD  | -810.67                 | 13426.99           | 720         | 523             | -1.13          | 18.65              |
| 24058                                                                            | UPPER HUDSON__HYD  | 1446.12                 | -2373.81           | 720         | 344             | 2.01           | -3.3               |
| 24059                                                                            | LOWER__HUDSON      | 1074.81                 | -2352.26           | 720         | 344             | 1.49           | -3.27              |
| 24060                                                                            | CARR STREET_E._SYR | 5.78                    | -1589.77           | 720         | 625             | 0.01           | -2.21              |
| 24062                                                                            | N.E._GEN_SANDY PD  | 1275.33                 | -2230.1            | 720         | 373             | 1.77           | -3.1               |
| 24063                                                                            | O.H._GEN_BRUCE     | -375.92                 | 572.5              | 720         | 598             | -0.52          | 0.8                |
| 24065                                                                            | PJM_GEN_KEYSTONE   | 883.21                  | -2028.7            | 720         | 608             | 1.23           | -2.82              |
| 24077                                                                            | GOWANUS_GT1_1      | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |



| New York Independent System Operator                                             |               |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|---------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |               |                         |                    |             |                 |                |                    |
| June 2018                                                                        |               | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name     | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 24078                                                                            | GOWANUS_GT1_2 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24079                                                                            | GOWANUS_GT1_3 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24080                                                                            | GOWANUS_GT1_4 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24084                                                                            | GOWANUS_GT1_5 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24086                                                                            | ELEC_TRO_TEK  | 2065.14                 | -5043.27           | 720         | 707             | 2.87           | -7                 |
| 24094                                                                            | ASTORIA_GT2_1 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24095                                                                            | ASTORIA_GT2_2 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24096                                                                            | ASTORIA_GT2_3 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24097                                                                            | ASTORIA_GT2_4 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24098                                                                            | ASTORIA_GT3_1 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24099                                                                            | ASTORIA_GT3_2 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24100                                                                            | ASTORIA_GT3_3 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24101                                                                            | ASTORIA_GT3_4 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24102                                                                            | ASTORIA_GT4_1 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24103                                                                            | ASTORIA_GT4_2 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24104                                                                            | ASTORIA_GT4_3 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24105                                                                            | ASTORIA_GT4_4 | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24106                                                                            | ASTORIA_GT_5  | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24107                                                                            | ASTORIA_GT_7  | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24108                                                                            | ASTORIA_GT_8  | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24110                                                                            | ASTORIA_GT_10 | 2017.18                 | -2988.58           | 720         | 617             | 2.8            | -4.15              |
| 24111                                                                            | GOWANUS_GT1_6 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24112                                                                            | GOWANUS_GT1_7 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24113                                                                            | GOWANUS_GT1_8 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24114                                                                            | GOWANUS_GT2_1 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24115                                                                            | GOWANUS_GT2_2 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24116                                                                            | GOWANUS_GT2_3 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24117                                                                            | GOWANUS_GT2_4 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24118                                                                            | GOWANUS_GT2_5 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24119                                                                            | GOWANUS_GT2_6 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24120                                                                            | GOWANUS_GT2_7 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24121                                                                            | GOWANUS_GT2_8 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24122                                                                            | GOWANUS_GT3_1 | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |

| New York Independent System Operator                                             |                            |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|----------------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                            |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                            | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name                  | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 24123                                                                            | GOWANUS_GT3_2              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24124                                                                            | GOWANUS_GT3_3              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24125                                                                            | GOWANUS_GT3_4              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24126                                                                            | GOWANUS_GT3_5              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24127                                                                            | GOWANUS_GT3_6              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24128                                                                            | GOWANUS_GT3_7              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24129                                                                            | GOWANUS_GT3_8              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24130                                                                            | GOWANUS_GT4_1              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24131                                                                            | GOWANUS_GT4_2              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24132                                                                            | GOWANUS_GT4_3              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24133                                                                            | GOWANUS_GT4_4              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24134                                                                            | GOWANUS_GT4_5              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24135                                                                            | GOWANUS_GT4_6              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24136                                                                            | GOWANUS_GT4_7              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24137                                                                            | GOWANUS_GT4_8              | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24138                                                                            | 59TH STREET_GT_1           | 1996.41                 | -2519.44           | 720         | 532             | 2.77           | -3.5               |
| 24139                                                                            | INDIAN POINT_GT_1          | 1698.08                 | -2036.92           | 720         | 423             | 2.36           | -2.83              |
| 24143                                                                            | WESTERN_NY_WIND            | 76.57                   | -1938.15           | 720         | 517             | 0.11           | -2.69              |
| 24146                                                                            | PGE MADISON___WINDPWR      | 1414.88                 | -1493.34           | 720         | 528             | 1.97           | -2.07              |
| 24147                                                                            | NEG CENTRAL___STATE_STREET | 282.06                  | -1178.86           | 720         | 474             | 0.39           | -1.64              |
| 24148                                                                            | WALDEN___HYDRO             | 1709.82                 | -2035.72           | 720         | 332             | 2.37           | -2.83              |
| 24149                                                                            | ASTORIA___2                | 2015.16                 | -2570.61           | 720         | 680             | 2.8            | -3.57              |
| 24151                                                                            | STONY___BROOK              | 2498.9                  | -4343.22           | 720         | 700             | 3.47           | -6.03              |
| 24152                                                                            | NYPA_KENT_____GT           | 2067.91                 | -4220.5            | 720         | 653             | 2.87           | -5.86              |
| 24155                                                                            | NYPA_POUCH1_____GT         | 2053.01                 | -5767.78           | 720         | 666             | 2.85           | -8.01              |
| 24156                                                                            | NYPA_GOWANUS_____GT5       | 2096.28                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24157                                                                            | NYPA_GOWANUS_____GT6       | 2096.28                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24158                                                                            | NYPA_____HELLGATE_GT1      | 2003.33                 | -2790.87           | 720         | 680             | 2.78           | -3.88              |
| 24159                                                                            | NYPA_____HELLGATE_GT2      | 2003.33                 | -2790.87           | 720         | 680             | 2.78           | -3.88              |
| 24160                                                                            | NYPA_HARLEM_RVR_GT1        | 2003.45                 | -2350.62           | 720         | 678             | 2.78           | -3.26              |
| 24161                                                                            | NYPA_HARLEM_RVR_GT2        | 2003.45                 | -2350.62           | 720         | 678             | 2.78           | -3.26              |
| 24162                                                                            | NYPA_VERNON_____GT2        | 2042.42                 | -3461.6            | 720         | 648             | 2.84           | -4.81              |
| 24163                                                                            | NYPA_VERNON_____GT3        | 2042.42                 | -3461.6            | 720         | 648             | 2.84           | -4.81              |

| New York Independent System Operator                                             |                    |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                    |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                    | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name          | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 24164                                                                            | NYPA_BRENTWD___GT  | 2469.92                 | -4348.76           | 720         | 700             | 3.43           | -6.04              |
| 24166                                                                            | PROJECT___ORANGE 2 | 34.58                   | -1598.61           | 720         | 625             | 0.05           | -2.22              |
| 24167                                                                            | MODEL_CITY_ENERGY  | -543.24                 | -2494.28           | 720         | 531             | -0.75          | -3.46              |
| 24168                                                                            | HUDSON_AVE_10      | 1986.01                 | -2571.55           | 720         | 537             | 2.76           | -3.57              |
| 24169                                                                            | SITHE_IND_GS1      | -386.34                 | -613.39            | 720         | 357             | -0.54          | -0.85              |
| 24170                                                                            | SITHE_IND_GS2      | -386.34                 | -613.39            | 720         | 357             | -0.54          | -0.85              |
| 24171                                                                            | SITHE_IND_GS3      | -386.34                 | -613.39            | 720         | 357             | -0.54          | -0.85              |
| 24172                                                                            | SITHE_IND_GS4      | -386.34                 | -613.39            | 720         | 357             | -0.54          | -0.85              |
| 24174                                                                            | PROJECT___ORANGE 1 | 34.58                   | -1598.61           | 720         | 625             | 0.05           | -2.22              |
| 24175                                                                            | OCC_CHEM___DRP     | -614.14                 | -781.97            | 720         | 532             | -0.85          | -1.09              |
| 24177                                                                            | OLIN_CORP_DRP      | -593.56                 | -3018.04           | 720         | 525             | -0.82          | -4.19              |
| 24179                                                                            | NM_FRONTIER___DRP  | -668.24                 | -569.69            | 720         | 531             | -0.93          | -0.79              |
| 24180                                                                            | CRUCIBLE_METL_DRP  | 63.85                   | -1545.41           | 720         | 625             | 0.09           | -2.15              |
| 24181                                                                            | NM_CENTRAL___DRP   | 24.88                   | -1625.76           | 720         | 625             | 0.03           | -2.26              |
| 24182                                                                            | BLUE_CIRC_CHEM_DRP | 788.98                  | -2278.22           | 720         | 323             | 1.1            | -3.16              |
| 24183                                                                            | GE_PLASTICS___DRP  | 783.87                  | -2279.58           | 720         | 323             | 1.09           | -3.17              |
| 24184                                                                            | G.F.CEMENT___DRP   | 1523.12                 | -2365.87           | 720         | 344             | 2.12           | -3.29              |
| 24185                                                                            | MG INDUSTRY___DRP  | 788.98                  | -2278.22           | 720         | 323             | 1.1            | -3.16              |
| 24186                                                                            | REVERE_CPPR_DRP    | 583.13                  | -3260.34           | 720         | 613             | 0.81           | -4.53              |
| 24187                                                                            | MOHAWK_PAPER___DRP | 976.56                  | -2323.63           | 720         | 323             | 1.36           | -3.23              |
| 24188                                                                            | ALCOA_RYNLDS___DRP | -821.98                 | 7624.18            | 720         | 511             | -1.14          | 10.59              |
| 24189                                                                            | BOC_GAS_DRP        | 771.84                  | -2288.71           | 720         | 344             | 1.07           | -3.18              |
| 24190                                                                            | AIR_PRODUCTS___DRP | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 24191                                                                            | BROOKHAVEN___DRP   | 2381.77                 | -4342.56           | 720         | 701             | 3.31           | -6.03              |
| 24192                                                                            | CH_MIDHUDSON___DRP | 1751.18                 | -2131.7            | 720         | 344             | 2.43           | -2.96              |
| 24193                                                                            | CE_MILLWOOD___DRP  | 1734.92                 | -2042.99           | 720         | 423             | 2.41           | -2.84              |
| 24194                                                                            | CE_DUNWOOD___DRP   | 1804.65                 | -2041.95           | 720         | 425             | 2.51           | -2.84              |
| 24195                                                                            | CE_NYC_DRP         | 2017.18                 | -2602.79           | 720         | 536             | 2.8            | -3.61              |
| 24196                                                                            | RCPI_TRUST___DRP   | 1996.41                 | -2519.44           | 720         | 532             | 2.77           | -3.5               |
| 24197                                                                            | NUCOR_STEEL___DRP  | 187.49                  | -1358.8            | 720         | 559             | 0.26           | -1.89              |
| 24198                                                                            | NEG MILLWOOD___DRP | 1918.65                 | -2108.83           | 720         | 344             | 2.66           | -2.93              |
| 24199                                                                            | NEG CENTRAL___DRP  | 158.08                  | -1034.37           | 720         | 404             | 0.22           | -1.44              |
| 24200                                                                            | CALSPAN___DRP      | 155.91                  | -6949.89           | 720         | 535             | 0.22           | -9.65              |

| New York Independent System Operator                                             |                       |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|-----------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                       |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                       | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name             | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 24202                                                                            | CE_NYC2_DRP           | 2029.54                 | -2988.58           | 720         | 617             | 2.82           | -4.15              |
| 24204                                                                            | FENNER__WINDPWR       | 467.46                  | -2075.49           | 720         | 628             | 0.65           | -2.88              |
| 24206                                                                            | OUTOKUMPU-AB__DRP     | -49                     | -3174.98           | 720         | 535             | -0.07          | -4.41              |
| 24207                                                                            | NEG__GEN_MONROE       | 30.4                    | -890.49            | 720         | 390             | 0.04           | -1.24              |
| 24208                                                                            | NM_CAPITAL__DRP       | 833.59                  | -2311.72           | 720         | 323             | 1.16           | -3.21              |
| 24209                                                                            | CALPINE BETH_PAGE_GT4 | 2311.76                 | -4643.38           | 720         | 703             | 3.21           | -6.45              |
| 24210                                                                            | KEDC PORT_JEFF_GT2    | 2461.98                 | -4345.9            | 720         | 700             | 3.42           | -6.04              |
| 24211                                                                            | KEDC PORT_JEFF_GT3    | 2461.98                 | -4345.9            | 720         | 700             | 3.42           | -6.04              |
| 24212                                                                            | FPL FAR_ROCK_GT1      | 2373.31                 | -6280.39           | 720         | 707             | 3.3            | -8.72              |
| 24213                                                                            | PPL_SHRM_GT3          | 2294.17                 | -4344.29           | 720         | 701             | 3.19           | -6.03              |
| 24214                                                                            | PPL_SHRM_GT4          | 2294.17                 | -4344.29           | 720         | 701             | 3.19           | -6.03              |
| 24216                                                                            | PPL PILGRIM_ST_GT1    | 2469.92                 | -4348.76           | 720         | 700             | 3.43           | -6.04              |
| 24217                                                                            | PPL PILGRIM_ST_GT2    | 2469.92                 | -4348.76           | 720         | 700             | 3.43           | -6.04              |
| 24219                                                                            | KEDC_GLWD_GT4         | 2124.37                 | -4679.86           | 720         | 706             | 2.95           | -6.5               |
| 24220                                                                            | KEDC_GLWD_GT5         | 2124.37                 | -4679.86           | 720         | 706             | 2.95           | -6.5               |
| 24225                                                                            | ASTORIA_GT_11         | 2017.18                 | -2988.58           | 720         | 617             | 2.8            | -4.15              |
| 24226                                                                            | ASTORIA_GT_12         | 2017.18                 | -2988.58           | 720         | 617             | 2.8            | -4.15              |
| 24227                                                                            | ASTORIA_GT_13         | 2017.18                 | -2988.58           | 720         | 617             | 2.8            | -4.15              |
| 24228                                                                            | NARROWS_GT1_1         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24229                                                                            | NARROWS_GT1_2         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24230                                                                            | NARROWS_GT1_3         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24231                                                                            | NARROWS_GT1_4         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24232                                                                            | NARROWS_GT1_5         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24233                                                                            | NARROWS_GT1_6         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24234                                                                            | NARROWS_GT1_7         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24235                                                                            | NARROWS_GT1_8         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24236                                                                            | NARROWS_GT2_1         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24237                                                                            | NARROWS_GT2_2         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24238                                                                            | NARROWS_GT2_3         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24239                                                                            | NARROWS_GT2_4         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24240                                                                            | NARROWS_GT2_5         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24241                                                                            | NARROWS_GT2_6         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24242                                                                            | NARROWS_GT2_7         | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |

| New York Independent System Operator                                             |                                |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|--------------------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                                |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                                | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name                      | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 24243                                                                            | NARROWS_GT2_8                  | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 24244                                                                            | RAVENSWOOD_GT2_1               | 1977.78                 | -2682.89           | 720         | 537             | 2.75           | -3.73              |
| 24245                                                                            | RAVENSWOOD_GT2_2               | 1977.78                 | -2682.89           | 720         | 537             | 2.75           | -3.73              |
| 24246                                                                            | RAVENSWOOD_GT2_3               | 1992                    | -2682.89           | 720         | 537             | 2.77           | -3.73              |
| 24247                                                                            | RAVENSWOOD_GT2_4               | 1992                    | -2682.89           | 720         | 537             | 2.77           | -3.73              |
| 24248                                                                            | RAVENSWOOD_GT3_1               | 1978.49                 | -2682.89           | 720         | 537             | 2.75           | -3.73              |
| 24249                                                                            | RAVENSWOOD_GT3_2               | 1978.49                 | -2682.89           | 720         | 537             | 2.75           | -3.73              |
| 24250                                                                            | RAVENSWOOD_GT3_3               | 2005.7                  | -2682.89           | 720         | 537             | 2.79           | -3.73              |
| 24251                                                                            | RAVENSWOOD_GT3_4               | 2005.7                  | -2682.89           | 720         | 537             | 2.79           | -3.73              |
| 24252                                                                            | RAVENSWOOD_GT_4                | 1970.31                 | -2808.19           | 720         | 619             | 2.74           | -3.9               |
| 24253                                                                            | RAVENSWOOD_GT_6                | 1970.31                 | -2808.19           | 720         | 619             | 2.74           | -3.9               |
| 24254                                                                            | RAVENSWOOD_GT_5                | 1970.31                 | -2808.19           | 720         | 619             | 2.74           | -3.9               |
| 24255                                                                            | RAVENSWOOD_GT_7                | 1970.31                 | -2808.19           | 720         | 619             | 2.74           | -3.9               |
| 24256                                                                            | RAVENSWOOD_GT_8 TEMP GRP(8-11) | 1976.82                 | -2702.51           | 720         | 592             | 2.75           | -3.75              |
| 24257                                                                            | RAVENSWOOD_GT_9                | 1976.82                 | -2702.51           | 720         | 592             | 2.75           | -3.75              |
| 24258                                                                            | RAVENSWOOD_GT_10               | 1976.82                 | -2702.51           | 720         | 592             | 2.75           | -3.75              |
| 24259                                                                            | RAVENSWOOD_GT_11               | 1976.82                 | -2702.51           | 720         | 592             | 2.75           | -3.75              |
| 24260                                                                            | 74TH STREET_GT_1               | 2009.65                 | -2682.89           | 720         | 537             | 2.79           | -3.73              |
| 24261                                                                            | 74TH STREET_GT_2               | 2009.65                 | -2682.89           | 720         | 537             | 2.79           | -3.73              |
| 61752                                                                            | WEST                           | 44.91                   | -5304.98           | 720         | 535             | 0.06           | -7.37              |
| 61753                                                                            | GENESE                         | -92.85                  | -1007.6            | 720         | 337             | -0.13          | -1.4               |
| 61754                                                                            | CENTRL                         | 259.53                  | -1787.07           | 720         | 634             | 0.36           | -2.48              |
| 61755                                                                            | NORTH                          | -727.22                 | 7391.08            | 720         | 511             | -1.01          | 10.27              |
| 61756                                                                            | MHK VL                         | 496.02                  | -856.44            | 720         | 479             | 0.69           | -1.19              |
| 61757                                                                            | CAPITL                         | 1158.19                 | -2361.23           | 720         | 335             | 1.61           | -3.28              |
| 61758                                                                            | HUD VL                         | 1737.03                 | -2037.56           | 720         | 344             | 2.41           | -2.83              |
| 61759                                                                            | MILLWD                         | 1803.73                 | -2073.38           | 720         | 344             | 2.51           | -2.88              |
| 61760                                                                            | DUNWOD                         | 1836.94                 | -2079.49           | 720         | 344             | 2.55           | -2.89              |
| 61761                                                                            | N.Y.C.                         | 2056.52                 | -3073              | 720         | 617             | 2.86           | -4.27              |
| 61762                                                                            | LONGIL                         | 2425.59                 | -4712.44           | 720         | 706             | 3.37           | -6.55              |
| 61844                                                                            | H Q                            | -564.9                  | 1788.37            | 720         | 583             | -0.78          | 2.48               |
| 61845                                                                            | NPX                            | 1275.33                 | -2230.1            | 720         | 373             | 1.77           | -3.1               |
| 61846                                                                            | O H                            | -375.92                 | 572.5              | 720         | 598             | -0.52          | 0.8                |

| New York Independent System Operator                                             |                         |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|-------------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                         |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                         | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name               | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 61847                                                                            | PJM                     | 883.21                  | -2028.7            | 720         | 608             | 1.23           | -2.82              |
| 323557                                                                           | NPX_GEN_CSC             | 2329.05                 | -4342.75           | 720         | 705             | 3.23           | -6.03              |
| 323558                                                                           | EAST_RIVER__1           | 2017.18                 | -2602.79           | 720         | 536             | 2.8            | -3.61              |
| 323559                                                                           | EAST_RIVER__2           | 2006.11                 | -2605.4            | 720         | 537             | 2.79           | -3.62              |
| 323560                                                                           | BETHLEHEM__GS1          | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 323561                                                                           | BETHLEHEM__GS2          | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 323562                                                                           | BETHLEHEM__GS3          | 661.85                  | -2300.55           | 720         | 323             | 0.92           | -3.2               |
| 323563                                                                           | PINELAWN_CC_1           | 2263.76                 | -4516.61           | 720         | 701             | 3.14           | -6.27              |
| 323564                                                                           | BETHPAGE_CC_5           | 2298.14                 | -4571.39           | 720         | 702             | 3.19           | -6.35              |
| 323565                                                                           | RAMAPO__LBMP            | 1627.58                 | -1998.73           | 720         | 351             | 2.26           | -2.78              |
| 323566                                                                           | FARRAGUT__LBMP          | 1994.12                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323567                                                                           | GOETHSLN__LBMP          | 1958.17                 | -2618.72           | 720         | 537             | 2.72           | -3.64              |
| 323568                                                                           | NYPA__ASTORIA_CC1       | 2017.18                 | -2988.58           | 720         | 617             | 2.8            | -4.15              |
| 323569                                                                           | NYPA__ASTORIA_CC2       | 2017.18                 | -2988.58           | 720         | 617             | 2.8            | -4.15              |
| 323574                                                                           | MAPLE RIDGE_WT_1        | -211.66                 | 1506.44            | 720         | 622             | -0.29          | 2.09               |
| 323577                                                                           | COLONIE_LFGE__          | 1074.81                 | -2352.26           | 720         | 344             | 1.49           | -3.27              |
| 323578                                                                           | CHAT_HIGH_FALL_HYD      | -698.54                 | 6977.44            | 720         | 511             | -0.97          | 9.69               |
| 323580                                                                           | MODERN_LFGE__           | -543.24                 | -2494.28           | 720         | 531             | -0.75          | -3.46              |
| 323581                                                                           | ASTORIA_EAST_ENERGY_CC1 | 2008.43                 | -2570.61           | 720         | 680             | 2.79           | -3.57              |
| 323582                                                                           | ASTORIA_EAST_ENERGY_CC2 | 2008.29                 | -2570.61           | 720         | 680             | 2.79           | -3.57              |
| 323586                                                                           | CALPINE_BETH_PAGE_GT_4  | 2311.76                 | -4643.38           | 720         | 703             | 3.21           | -6.45              |
| 323587                                                                           | UNION__PROCESSING_DRP   | -11.52                  | -811.92            | 720         | 438             | -0.02          | -1.13              |
| 323590                                                                           | HQ_GEN_CEDARS_PROXY     | -868.8                  | 8552.69            | 720         | 515             | -1.21          | 11.88              |
| 323591                                                                           | NPX_GEN_1385_PROXY      | 1930.88                 | -3755.37           | 720         | 707             | 2.68           | -5.22              |
| 323593                                                                           | HAMPSHIRE__PAPER_HYD    | -369.1                  | 22270.12           | 720         | 529             | -0.51          | 30.93              |
| 323594                                                                           | PJM_GEN_NEPTUNE_PROXY   | 2074.79                 | -3903.09           | 720         | 705             | 2.88           | -5.42              |
| 323595                                                                           | BROOKLYN__ARMY_DRP      | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 323596                                                                           | STEEL__WIND             | 176.19                  | -6949.89           | 720         | 535             | 0.24           | -9.65              |
| 323597                                                                           | SYRACUSE__ENERGY_ST1    | 63.85                   | -1545.41           | 720         | 625             | 0.09           | -2.15              |
| 323598                                                                           | SYRACUSE__ENERGY_ST2    | 63.85                   | -1545.41           | 720         | 625             | 0.09           | -2.15              |
| 323600                                                                           | BROOME__LFGE            | 517.12                  | -1690.67           | 720         | 538             | 0.72           | -2.35              |
| 323601                                                                           | HQ_GEN_IMPORT           | -564.9                  | 1788.37            | 720         | 583             | -0.78          | 2.48               |
| 323602                                                                           | GROVEVILLE__HYD         | 1944.41                 | -2092.49           | 720         | 344             | 2.7            | -2.91              |

| New York Independent System Operator                                             |                      |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|----------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                      |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                      | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name            | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 323603                                                                           | CHAFFEE__LFGE        | 299.69                  | -6406.53           | 720         | 535             | 0.42           | -8.9               |
| 323604                                                                           | ELLENBURG_WT_PWR     | -661.42                 | 6321.31            | 720         | 511             | -0.92          | 8.78               |
| 323605                                                                           | CLINTON_WT_PWR       | -661.42                 | 6321.31            | 720         | 511             | -0.92          | 8.78               |
| 323606                                                                           | ALTONA_WT_PWR        | -616.69                 | 6336.86            | 720         | 511             | -0.86          | 8.8                |
| 323607                                                                           | MILLSEAT__LFGE       | -34.96                  | -2088.54           | 720         | 534             | -0.05          | -2.9               |
| 323608                                                                           | BLISS_WT_PWR         | 569.9                   | -5831.6            | 720         | 535             | 0.79           | -8.1               |
| 323609                                                                           | MUNSVILLE_WIND_PWR   | 1414.88                 | -1493.34           | 720         | 528             | 1.97           | -2.07              |
| 323610                                                                           | RIVERBAY__           | 2049.78                 | -2255.68           | 720         | 678             | 2.85           | -3.13              |
| 323611                                                                           | MAPLE RIDGE_WT_2     | -211.66                 | 1506.44            | 720         | 622             | -0.29          | 2.09               |
| 323612                                                                           | OXY_CHEM_DSASP       | -614.14                 | -781.97            | 720         | 532             | -0.85          | -1.09              |
| 323613                                                                           | HUNTER MOUNT__DRP    | 1620.37                 | -2137.14           | 720         | 344             | 2.25           | -2.97              |
| 323614                                                                           | CHATEAUG_WT_PWR      | -661.42                 | 6321.31            | 720         | 511             | -0.92          | 8.78               |
| 323615                                                                           | ALBANY__LFGE         | 890.88                  | -2325.67           | 720         | 323             | 1.24           | -3.23              |
| 323616                                                                           | LI_NEWBRDGE__DRP     | 2084.18                 | -3935.69           | 720         | 704             | 2.89           | -5.47              |
| 323617                                                                           | CANDIGU_WT_PWR       | 448.69                  | -3167.23           | 720         | 539             | 0.62           | -4.4               |
| 323618                                                                           | CLINTON__LFGE        | -581.16                 | 6561.82            | 720         | 511             | -0.81          | 9.11               |
| 323619                                                                           | DANC__LFGE           | 226.1                   | -8273.82           | 720         | 622             | 0.31           | -11.49             |
| 323620                                                                           | HYLAND__LFGE         | 575.52                  | -2325.77           | 720         | 535             | 0.8            | -3.23              |
| 323621                                                                           | DELAWARE__LFGE       | 818.76                  | -1389.61           | 720         | 389             | 1.14           | -1.93              |
| 323624                                                                           | CAITHNESS_CC_1       | 2349.96                 | -4341.04           | 720         | 701             | 3.26           | -6.03              |
| 323625                                                                           | HISHELDN_WT_PWR      | 106.83                  | -6054.48           | 720         | 535             | 0.15           | -8.41              |
| 323626                                                                           | WETHRSFD_WT_PWR      | 186.53                  | -5681.14           | 720         | 535             | 0.26           | -7.89              |
| 323627                                                                           | WDELAWARE__HYD       | 1165.63                 | -1901.37           | 720         | 332             | 1.62           | -2.64              |
| 323628                                                                           | MADISON__COUNTY_LFGE | 475.63                  | -2232.03           | 720         | 628             | 0.66           | -3.1               |
| 323629                                                                           | CHAUTAUQUA__LFGE     | 413.92                  | -7484.36           | 720         | 535             | 0.57           | -10.39             |
| 323630                                                                           | FULTON__LFGE         | 2082.55                 | -2575.74           | 720         | 323             | 2.89           | -3.58              |
| 323632                                                                           | BEACON__LESR         | 900.95                  | -2295.34           | 720         | 335             | 1.25           | -3.19              |
| 323633                                                                           | PJM_GEN_VFT_PROXY    | 1952.61                 | -2618.72           | 720         | 556             | 2.71           | -3.64              |
| 323656                                                                           | EMPIRE_CC_1          | 780.3                   | -2251.74           | 720         | 335             | 1.08           | -3.13              |
| 323658                                                                           | EMPIRE_CC_2          | 780.3                   | -2251.74           | 720         | 335             | 1.08           | -3.13              |
| 323667                                                                           | STEUBEN_REC_LFGE     | 683.04                  | -2677.99           | 720         | 539             | 0.95           | -3.72              |
| 323668                                                                           | WESTOVER__LESR       | 511.05                  | -1700.25           | 720         | 538             | 0.71           | -2.36              |
| 323669                                                                           | GOODYEAR_LAKE_HYD    | 942.11                  | -1217.11           | 720         | 365             | 1.31           | -1.69              |

| New York Independent System Operator                                             |                     |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|---------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                     |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                     | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name           | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 323671                                                                           | BROOME_2_LFGE       | 517.12                  | -1690.67           | 720         | 538             | 0.72           | -2.35              |
| 323673                                                                           | HARDSCRABBLE_WT_PWR | 572.47                  | -1016.38           | 720         | 387             | 0.8            | -1.41              |
| 323677                                                                           | AST_ENERGY_2_CC3    | 1961.3                  | -2611.18           | 720         | 537             | 2.72           | -3.63              |
| 323678                                                                           | AST_ENERGY_2_CC4    | 1961.3                  | -2611.18           | 720         | 537             | 2.72           | -3.63              |
| 323679                                                                           | ISLIP_RES_REC       | 2652.74                 | -4356.89           | 720         | 700             | 3.68           | -6.05              |
| 323681                                                                           | ONEIDA_HERK_LFGE    | 380.44                  | -4719.5            | 720         | 527             | 0.53           | -6.55              |
| 323682                                                                           | BAYONEEC__CTG1      | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323683                                                                           | BAYONEEC__CTG2      | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323684                                                                           | BAYONEEC__CTG3      | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323685                                                                           | BAYONEEC__CTG4      | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323686                                                                           | BAYONEEC__CTG5      | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323687                                                                           | BAYONEEC__CTG6      | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323688                                                                           | BAYONEEC__CTG7      | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323689                                                                           | BAYONEEC__CTG8      | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323690                                                                           | HOWARD_WT_PWR       | 626                     | -3052.24           | 720         | 539             | 0.87           | -4.24              |
| 323691                                                                           | LISF__SOLAR         | 2430.98                 | -4343.87           | 720         | 701             | 3.38           | -6.03              |
| 323693                                                                           | ERIE_WT_PWR         | 176.19                  | -6949.89           | 720         | 535             | 0.24           | -9.65              |
| 323694                                                                           | SYNERGY__BIOGAS     | 90.46                   | -1870.85           | 720         | 494             | 0.13           | -2.6               |
| 323695                                                                           | TRIGEN__CC          | 2065.14                 | -5043.27           | 720         | 707             | 2.87           | -7                 |
| 323696                                                                           | MARBLE_RIVER_WT_PWR | -686.1                  | 6321.02            | 720         | 511             | -0.95          | 8.78               |
| 323697                                                                           | GLOBE__DSASP        | -668.24                 | -569.69            | 720         | 531             | -0.93          | -0.79              |
| 323702                                                                           | PJM_GEN_HTP_PROXY   | 1972                    | -2519.4            | 720         | 551             | 2.74           | -3.5               |
| 323704                                                                           | BABYLON_RES_REC     | 2263.76                 | -4516.61           | 720         | 701             | 3.14           | -6.27              |
| 323705                                                                           | HUNTINGTON_RES_REC  | 2297.7                  | -4339.38           | 720         | 700             | 3.19           | -6.03              |
| 323706                                                                           | ORANGEVILLE_WT_PWR  | 169.18                  | -5758.99           | 720         | 535             | 0.23           | -8                 |
| 323710                                                                           | AUBURN__LFGE        | 282.06                  | -1178.86           | 720         | 474             | 0.39           | -1.64              |
| 323711                                                                           | ALCOA__DSASP        | -821.98                 | 7624.18            | 720         | 511             | -1.14          | 10.59              |
| 323712                                                                           | OLIN_CORP_DSASP     | -614.14                 | -781.97            | 720         | 532             | -0.85          | -1.09              |
| 323713                                                                           | MARSH_HILL_WT_PWR   | 628.55                  | -3176.91           | 720         | 539             | 0.87           | -4.41              |
| 323714                                                                           | NIAGARA_115W_LBMP   | -668.24                 | -569.69            | 720         | 531             | -0.93          | -0.79              |
| 323715                                                                           | NIAGARA_115E_LBMP   | -667.79                 | -2530.73           | 720         | 524             | -0.93          | -3.51              |
| 323716                                                                           | NIAGARA_230_LBMP    | -550.87                 | 1385.21            | 720         | 535             | -0.77          | 1.92               |
| 323718                                                                           | ARTHUR_KILL_COGEN   | 1969.32                 | -5100.75           | 720         | 681             | 2.74           | -7.08              |



| New York Independent System Operator                                             |                                   |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|-----------------------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                                   |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                                   | From 6/01/18 to 6/30/18 |                    |             | Average Hourly  |                | Average Hourly     |
| PTID                                                                             | PTID-Name                         | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 323719                                                                           | JERICHO_RISE_WT_PWR               | -728.08                 | 6985.57            | 720         | 511             | -1.01          | 9.7                |
| 323721                                                                           | CPV_VALLEY__CC1                   | 1401.76                 | -1879.85           | 720         | 344             | 1.95           | -2.61              |
| 323722                                                                           | CPV_VALLEY__CC2                   | 1401.76                 | -1879.85           | 720         | 344             | 1.95           | -2.61              |
| 323749                                                                           | BAYONEEC__CTG9                    | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 323750                                                                           | BAYONEEC__CTG10                   | 1990.89                 | -2618.72           | 720         | 537             | 2.77           | -3.64              |
| 345000                                                                           | DUNWOODS_138_KV_38W08_REV_LBMP    | 1884.51                 | -2113.84           | 720         | 344             | 2.62           | -2.94              |
| 345001                                                                           | E179THST_138_KV_TB4_REV_LBMP_J    | 1979.14                 | -2255.68           | 720         | 678             | 2.75           | -3.13              |
| 345002                                                                           | EASTVIEW_138_KV_38W32_REV_LBMP_J  | 1804.65                 | -2041.95           | 720         | 425             | 2.51           | -2.84              |
| 345003                                                                           | FARRAGUT_138_KV_32071_REV_LBMP_J  | 2028.13                 | -2626.04           | 720         | 537             | 2.82           | -3.65              |
| 345004                                                                           | GREENWD_138_KV_38B11_REV_LBMP_J   | 2097.51                 | -5762.3            | 720         | 667             | 2.91           | -8                 |
| 345005                                                                           | MILLWOOD_138_KV_38W41_REV_LBMP_J  | 1734.92                 | -2042.99           | 720         | 423             | 2.41           | -2.84              |
| 345006                                                                           | MOTTHAVN_138_KV_9M4_REV_LBMP_J    | 1959.01                 | -2436.76           | 720         | 537             | 2.72           | -3.38              |
| 345007                                                                           | PARKCHTR_138_KV_TB2S_REV_LBMP_J   | 1970.49                 | -2255.68           | 720         | 678             | 2.74           | -3.13              |
| 345008                                                                           | W49TH_ST_138_KV_38M43_REV_LBMP_J  | 1996.84                 | -2519.44           | 720         | 532             | 2.77           | -3.5               |
| 345009                                                                           | E.WALDEN_115_KV_TR_1_REV_LBMP_G   | 1668.37                 | -2035.72           | 720         | 332             | 2.32           | -2.83              |
| 345010                                                                           | FORGEBRK_115_KV_TR1_2_REV_LBMP_G  | 1944.41                 | -2092.49           | 720         | 344             | 2.7            | -2.91              |
| 345011                                                                           | VINEGAR_115_KV_917_CH_LD_REV_LBMP | 1049.28                 | -1389.61           | 720         | 389             | 1.46           | -1.93              |
| 345012                                                                           | ELM_ST_23_KV_LD_REV_LBMP_A        | -26.43                  | -10459.39          | 720         | 535             | -0.04          | -14.53             |
| 345013                                                                           | PACKARD_115_KV_ADAMS_187_REV_LBMP | -614.14                 | -781.97            | 720         | 532             | -0.85          | -1.09              |
| 345014                                                                           | N.HEMPST_138_KV_BK345_REV_LBMP_G  | 1718.47                 | -2002.22           | 720         | 351             | 2.39           | -2.78              |
| 345015                                                                           | WHAVSTOR_138_KV_BK127_REV_LBMP_G  | 1666.81                 | -2004.02           | 720         | 351             | 2.32           | -2.78              |
| 345016                                                                           | FARRAGUT_138_KV_38B01_REV_LBMP_G  | 2025.21                 | -2618.72           | 720         | 537             | 2.81           | -3.64              |
| 345017                                                                           | FARRAGUT_138_KV_38M12_REV_LBMP_G  | 2013.68                 | -2618.72           | 720         | 537             | 2.8            | -3.64              |
| 345018                                                                           | HELLGT_W_13_KV_BRUCKNER_REV_LBMP  | 2023.25                 | -2988.61           | 720         | 617             | 2.81           | -4.15              |
| 345019                                                                           | PARKCHTR_13_KV_CPCTY_REV_LBMP_G   | 2049.78                 | -2255.68           | 720         | 678             | 2.85           | -3.13              |
| 345020                                                                           | PLSNTVLE_13_KV_13KVDISA_REV_LBMP  | 1818.6                  | -2136.32           | 720         | 432             | 2.53           | -2.97              |
| 345021                                                                           | KERHONKS_69_KV_TR1_REV_LBMP_G     | 1609.85                 | -1960.66           | 720         | 332             | 2.24           | -2.72              |
| 345022                                                                           | NCATSKLL_69_KV_NC-LINE_REV_LBMP_G | 1620.37                 | -2137.14           | 720         | 344             | 2.25           | -2.97              |
| 345023                                                                           | PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP  | 1732.16                 | -2131.64           | 720         | 344             | 2.41           | -2.96              |
| 345024                                                                           | SAWYER_23_KV_LOAD_REV_LBMP_A      | -158.59                 | -12370.31          | 720         | 535             | -0.22          | -17.18             |
| 345025                                                                           | HARRIMAN_69_KV_BK771_REV_LBMP_G   | 1710.87                 | -1970.55           | 720         | 344             | 2.38           | -2.74              |
| 345026                                                                           | SUGRLOAF_69_KV_LOAD_REV_LBMP_G    | 1552.82                 | -1963.71           | 720         | 344             | 2.16           | -2.73              |
| 345027                                                                           | W.NYACK_69_KV_BK 521_REV_LBMP_G   | 1773.99                 | -2002.67           | 720         | 351             | 2.46           | -2.78              |

|                                                                                  |                                |                         |                    |             |                 |                |                    |
|----------------------------------------------------------------------------------|--------------------------------|-------------------------|--------------------|-------------|-----------------|----------------|--------------------|
| New York Independent System Operator                                             |                                |                         |                    |             |                 |                |                    |
| Summary of Day Ahead Market Marginal Losses and Congestion Costs in \$ per Month |                                |                         |                    |             |                 |                |                    |
| June 2018                                                                        |                                | From 6/01/18 to 6/30/18 |                    |             |                 | Average Hourly | Average Hourly     |
| PTID                                                                             | PTID-Name                      | Cost of Losses          | Cost of Congestion | Total Hours | Congested Hours | Cost of Losses | Cost of Congestion |
| 345028                                                                           | PAWLING_115_KV_BK3_REV_LBMP_H  | 1918.65                 | -2108.83           | 720         | 344             | 2.66           | -2.93              |
| 345029                                                                           | ETNA_115_KV_TB1_REV_LBMP_C     | 488.16                  | -1423.63           | 720         | 505             | 0.68           | -1.98              |
| 345030                                                                           | PAVMNTRD_115_KV_BK1_REV_LBMP_A | 427.67                  | -5903.29           | 720         | 535             | 0.59           | -8.2               |
| 345031                                                                           | GOUDEY_115_KV_TB6_REV_LBMP_C   | 510.71                  | -1700.25           | 720         | 538             | 0.71           | -2.36              |
| 345032                                                                           | STA_168_34_KV_BK1_2_REV_LBMP_B | 154.01                  | -941.29            | 720         | 359             | 0.21           | -1.31              |
| 345033                                                                           | STA_56_34_KV_BUS2_REV_LBMP_B   | -68.75                  | -747.35            | 720         | 485             | -0.1           | -1.04              |
| 345034                                                                           | BIGTREE_115_KV_TB2_REV_LBMP_A  | 300.85                  | -6683.23           | 720         | 535             | 0.42           | -9.28              |