NYISO CEO/COO Report

Rob Fernandez

Interim President & Chief Executive Officer

Rick Gonzales

Senior Vice President & Chief Operating Officer

Management Committee Meeting:

October 31, 2018 Rensselaer, NY



NYISO CEO/COO Report

CEO Report

COO Report

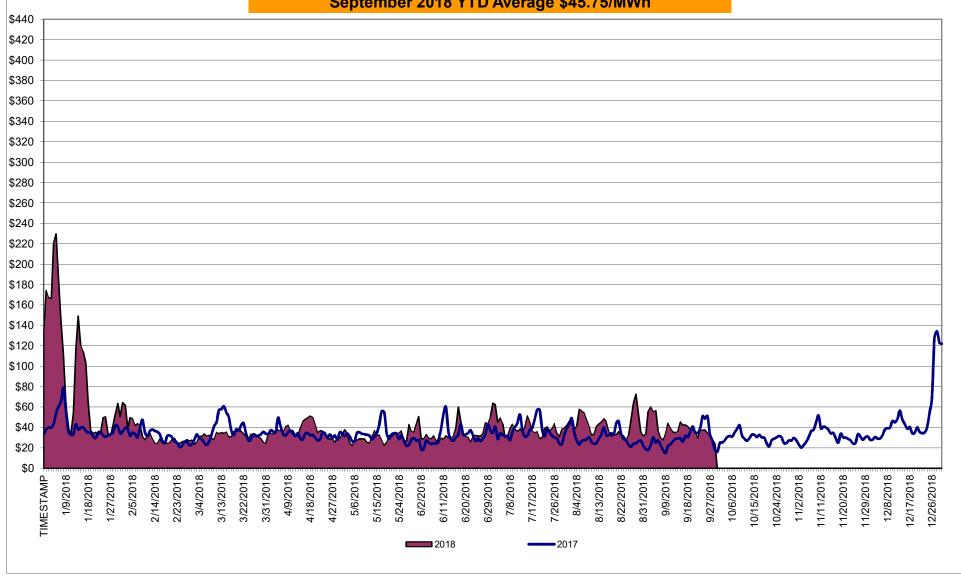
- Market Performance Highlights For Information Only
- Operations Performance Metrics Monthly Report



Market Performance Highlights September 2018

- LBMP for September is \$38.70/MWh; lower than \$42.56/MWh in August 2018 and higher than \$29.57/MWh in September 2017.
 - Day Ahead Load Weighted LBMPs are lower and Real Time Load Weighted LBMPs are higher compared to August.
 - LBMPs were driven by 4 days in early September in which the peak load topped 28,000 MWs as opposed to 0 days in September 2017.
- September 2018 average year-to-date monthly cost of \$45.75/MWh is a 29% increase from \$35.34/MWh in September 2017.
- Average daily sendout is 458 GWh/day in September; lower than 537 GWh/day in August 2018 and higher than 437 GWh/day in September 2017.
- Natural gas price were lower and distillate prices were higher compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$2.75/MMBtu, down from \$3.00/MMBtu in August.
 - Natural gas prices are up 21.5% year-over-year.
 - Jet Kerosene Gulf Coast was \$16.21/MMBtu, up from \$15.67/MMBtu in August.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$16.08/MMBtu, up from \$15.36/MMBtu in August.
 - Distillate prices are up 23.3% year-over-year.
- Uplift per MWh is lower compared to the previous month.
 - Uplift (not including NYISO cost of operations) is (\$0.11)/MWh; lower than (\$0.02)/MWh in August.
 - Local Reliability Share is \$0.37/MWh, lower than \$0.59/MWh in August.
 - Statewide Share is (\$0.48)/MWh, higher than (\$0.61)/MWh in August.
 - TSA \$ per NYC MWh is \$0.33/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than August.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2017 Annual Average \$36.56/MWh September 2017 YTD Average \$35.39/MWh September 2018 YTD Average \$45.75/MWh

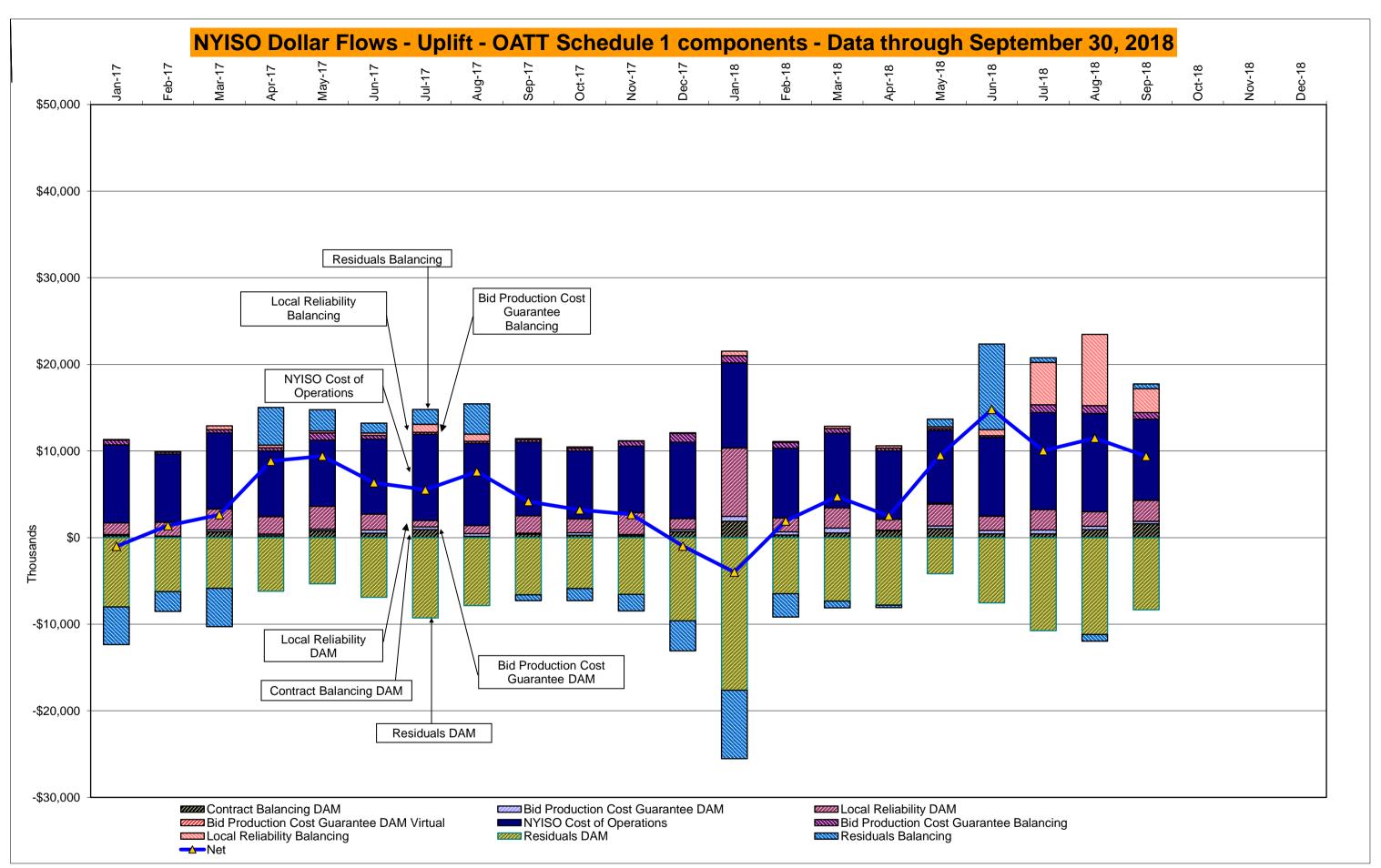


^{*} Excludes ICAP payments.

NYISO Average Cost/MWh (Energy and Ancillary Services) * from the LBMP Customer point of view

| 2018 | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | September | October | November | <u>December</u> |
|--|---|---|---|---|---|---|---|---|---|---|---|---|
| LBMP | 99.55 | 33.83 | 29.91 | 35.00 | 28.78 | 32.53 | 39.58 | 42.56 | 38.70 | | | |
| NTAC | 0.71 | 0.58 | 0.88 | 1.09 | 0.88 | 1.00 | 0.93 | 0.72 | 0.40 | | | |
| Reserve | 0.92 | 0.65 | 0.64 | 0.81 | 0.68 | 0.57 | 0.49 | 0.51 | 0.52 | | | |
| Regulation | 0.15 | 0.15 | 0.16 | 0.12 | 0.14 | 0.16 | 0.09 | 0.09 | 0.09 | | | |
| NYISO Cost of Operations | 0.65 | 0.65 | 0.66 | 0.65 | 0.66 | 0.67 | 0.67 | 0.66 | 0.66 | | | |
| FERC Fee Recovery | 80.0 | 0.10 | 0.09 | 0.10 | 0.09 | 0.09 | 0.06 | 0.06 | 0.08 | | | |
| Uplift | (0.92) | (0.50) | (0.31) | (0.45) | 0.05 | 0.30 | (0.13) | (0.02) | (0.11) | | | |
| Uplift: Local Reliability Share | 0.59 | 0.14 | 0.19 | 0.12 | 0.22 | 0.18 | 0.44 | 0.59 | 0.37 | | | |
| Uplift: Statewide Share | (1.52) | (0.64) | (0.51) | (0.57) | (0.17) | 0.12 | (0.57) | (0.61) | (0.48) | | | |
| Voltage Support and Black Start | 0.40 | 0.41 | 0.42 | 0.41 | 0.42 | 0.42 | 0.42 | 0.42 | 0.42 | | | |
| Avg Monthly Cost | 101.54 | 35.87 | 32.45 | 37.74 | 31.70 | 35.73 | 42.12 | 45.01 | 40.76 | | | |
| Avg YTD Cost | 101.54 | 72.85 | 60.06 | 54.82 | 50.20 | 47.70 | 46.64 | 46.37 | 45.75 | | | |
| TSA \$ per NYC MWh | 0.00 | 0.00 | 0.04 | 0.00 | 0.08 | 0.39 | 0.21 | 0.14 | 0.33 | | | |
| | | | | | | | | | | | | |
| 2017 | January | February | March | April | May | June | July | August | September | October | November | December |
| | January 40.07 | February 30.95 | <u>March</u> 34.97 | <u>April</u> 31.06 | <u>May</u> 31.74 | <u>June</u> 31.76 | <u>July</u> 35.84 | August 30.57 | September 29.57 | October 28.35 | November 30.60 | December 52.63 |
| 2017 LBMP NTAC | 40.07 | | 34.97 | 31.06 | 31.74 | | 35.84 | 30.57 | 29.57 | 28.35 | 30.60 | <u>December</u> 52.63 0.81 |
| LBMP | | 30.95 | | · · · · · · · · · · · · · · · · · · · | | 31.76 | | | | | | 52.63 |
| LBMP NTAC Reserve | 40.07 0.66 | 30.95 1.11 | 34.97 0.86 | 31.06 1.05 | 31.74 0.79 | 31.76 0.62 | 35.84 0.87 | 30.57 0.59 | 29.57 0.62 | 28.35 0.50 | 30.60 0.75 | 52.63 0.81 |
| LBMP NTAC | 40.07 0.66 0.70 | 30.95 1.11 0.67 | 34.97 0.86 0.74 | 31.06 1.05 0.70 | 31.74 0.79 0.61 | 31.76 0.62 0.55 | 35.84 0.87 0.48 | 30.57 0.59 0.44 | 29.57 0.62 0.47 | 28.35 0.50 0.59 | 30.60 0.75 0.55 | 52.63 0.81 0.71 |
| LBMP NTAC Reserve Regulation | 40.07 0.66 0.70 0.14 | 30.95 1.11 0.67 0.12 | 34.97 0.86 0.74 0.13 | 31.06 1.05 0.70 0.17 | 31.74 0.79 0.61 0.16 | 31.76 0.62 0.55 0.13 | 35.84 0.87 0.48 0.10 | 30.57 0.59 0.44 0.10 | 29.57 0.62 0.47 0.11 | 28.35 0.50 0.59 0.13 | 30.60 0.75 0.55 0.20 | 52.63 0.81 0.71 0.15 |
| LBMP NTAC Reserve Regulation NYISO Cost of Operations | 40.07 0.66 0.70 0.14 0.65 0.09 | 30.95 1.11 0.67 0.12 0.65 0.10 | 34.97 0.86 0.74 0.13 0.65 | 31.06 1.05 0.70 0.17 0.65 | 31.74 0.79 0.61 0.16 0.62 | 31.76 0.62 0.55 0.13 0.63 0.09 | 35.84 0.87 0.48 0.10 0.63 | 30.57 0.59 0.44 0.10 0.63 0.08 | 29.57 0.62 0.47 0.11 0.63 0.09 | 28.35 0.50 0.59 0.13 0.62 0.10 | 30.60 0.75 0.55 0.20 0.61 | 52.63 0.81 0.71 0.15 0.60 0.08 |
| LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery | 40.07 0.66 0.70 0.14 0.65 | 30.95 1.11 0.67 0.12 0.65 | 34.97 0.86 0.74 0.13 0.65 0.10 | 31.06 1.05 0.70 0.17 0.65 0.12 | 31.74 0.79 0.61 0.16 0.62 0.10 | 31.76 0.62 0.55 0.13 0.63 | 35.84 0.87 0.48 0.10 0.63 0.07 | 30.57 0.59 0.44 0.10 0.63 | 29.57 0.62 0.47 0.11 0.63 | 28.35 0.50 0.59 0.13 0.62 | 30.60 0.75 0.55 0.20 0.61 0.10 | 52.63 0.81 0.71 0.15 0.60 |
| LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift | 40.07 0.66 0.70 0.14 0.65 0.09 (0.73) | 30.95 1.11 0.67 0.12 0.65 0.10 (0.54) | 34.97 0.86 0.74 0.13 0.65 0.10 (0.46) | 31.06 1.05 0.70 0.17 0.65 0.12 0.12 | 31.74 0.79 0.61 0.16 0.62 0.10 0.10 | 31.76 0.62 0.55 0.13 0.63 0.09 (0.37) | 35.84 0.87 0.48 0.10 0.63 0.07 (0.43) | 30.57 0.59 0.44 0.10 0.63 0.08 (0.19) | 29.57 0.62 0.47 0.11 0.63 0.09 (0.34) | 28.35 0.50 0.59 0.13 0.62 0.10 (0.36) | 30.60 0.75 0.55 0.20 0.61 0.10 (0.40) | 52.63 0.81 0.71 0.15 0.60 0.08 (0.68) |
| LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share | 40.07 0.66 0.70 0.14 0.65 0.09 (0.73) 0.10 | 30.95 1.11 0.67 0.12 0.65 0.10 (0.54) 0.13 | 34.97 0.86 0.74 0.13 0.65 0.10 (0.46) 0.21 | 31.06 1.05 0.70 0.17 0.65 0.12 0.12 0.20 | 31.74 0.79 0.61 0.16 0.62 0.10 0.10 0.24 | 31.76 0.62 0.55 0.13 0.63 0.09 (0.37) 0.15 | 35.84 0.87 0.48 0.10 0.63 0.07 (0.43) 0.11 | 30.57 0.59 0.44 0.10 0.63 0.08 (0.19) 0.12 | 29.57 0.62 0.47 0.11 0.63 0.09 (0.34) 0.16 | 28.35 0.50 0.59 0.13 0.62 0.10 (0.36) 0.14 | 30.60 0.75 0.55 0.20 0.61 0.10 (0.40) 0.20 | 52.63 0.81 0.71 0.15 0.60 0.08 (0.68) 0.09 |
| LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share | 40.07 0.66 0.70 0.14 0.65 0.09 (0.73) 0.10 (0.83) | 30.95 1.11 0.67 0.12 0.65 0.10 (0.54) 0.13 (0.67) | 34.97 0.86 0.74 0.13 0.65 0.10 (0.46) 0.21 (0.67) | 31.06 1.05 0.70 0.17 0.65 0.12 0.12 0.20 (0.08) | 31.74 0.79 0.61 0.16 0.62 0.10 0.10 0.24 (0.13) | 31.76 0.62 0.55 0.13 0.63 0.09 (0.37) 0.15 (0.52) | 35.84 0.87 0.48 0.10 0.63 0.07 (0.43) 0.11 (0.54) | 30.57 0.59 0.44 0.10 0.63 0.08 (0.19) 0.12 (0.31) | 29.57 0.62 0.47 0.11 0.63 0.09 (0.34) 0.16 (0.50) | 28.35 0.50 0.59 0.13 0.62 0.10 (0.36) 0.14 (0.50) | 30.60 0.75 0.55 0.20 0.61 0.10 (0.40) 0.20 (0.60) | 52.63 0.81 0.71 0.15 0.60 0.08 (0.68) 0.09 (0.78) |
| LBMP NTAC Reserve Regulation NYISO Cost of Operations FERC Fee Recovery Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start | 40.07 0.66 0.70 0.14 0.65 0.09 (0.73) 0.10 (0.83) 0.37 | 30.95 1.11 0.67 0.12 0.65 0.10 (0.54) 0.13 (0.67) 0.37 | 34.97 0.86 0.74 0.13 0.65 0.10 (0.46) 0.21 (0.67) 0.38 | 31.06 1.05 0.70 0.17 0.65 0.12 0.12 0.20 (0.08) 0.38 | 31.74 0.79 0.61 0.16 0.62 0.10 0.10 0.24 (0.13) 0.38 | 31.76 0.62 0.55 0.13 0.63 0.09 (0.37) 0.15 (0.52) 0.38 | 35.84 0.87 0.48 0.10 0.63 0.07 (0.43) 0.11 (0.54) 0.38 | 30.57 0.59 0.44 0.10 0.63 0.08 (0.19) 0.12 (0.31) 0.38 | 29.57 0.62 0.47 0.11 0.63 0.09 (0.34) 0.16 (0.50) 0.38 | 28.35 0.50 0.59 0.13 0.62 0.10 (0.36) 0.14 (0.50) 0.38 | 30.60 0.75 0.55 0.20 0.61 0.10 (0.40) 0.20 (0.60) 0.37 | 52.63 0.81 0.71 0.15 0.60 0.08 (0.68) 0.09 (0.78) 0.37 |

^{*} Excludes ICAP payments. Market Mitigation and Analysis Prepared: 10/9/2018 10:07 AM



DAM Contract Balancing amounts are for payments made to generating units to make them whole for being dispatched below their Day-Ahead schedule, as a result of out-of-merit dispatches.

DAM Bid Production Cost Guarantees for Virtual Transactions are included in the chart and are shown from the inception of Virtual Transactions. These values are small and cannot be identified on the chart.

DAM residuals consist of both energy and loss revenue collections and payments. By design, there is a net over collection of revenues due to the difference between the marginal losses paid to generation and the average losses charged to loads.

NYISO Markets Transactions

<u>March</u>

<u>February</u>

<u>January</u>

<u>April</u>

<u>May</u>

<u>June</u>

<u>July</u>

August September

October November December

| Day Ahead Market MWh | 15,153,751 | 12,643,854 | 13,521,386 | 12,158,686 | 12,721,073 | 13,983,384 | 16,839,994 | 17,195,447 | 14,432,632 | | | |
|---|--|--|---|--|--|---|--|--|---|---|--|---|
| DAM LSE Internal LBMP Energy Sales | 59% | 57% | 58% | 60% | 61% | 61% | 65% | 65% | 61% | | | |
| DAM External TC LBMP Energy Sales | 4% | 3% | 2% | 2% | 2% | 1% | 1% | 2% | 3% | | | |
| DAM Bilateral - Internal Bilaterals | 29% | 31% | 32% | 30% | 29% | 30% | 26% | 25% | 28% | | | |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals | 5% | 5% | 5% | 5% | 5% | 5% | 4% | 4% | 5% | | | |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals | 2% | 2% | 2% | 2% | 2% | 1% | 1% | 1% | 1% | | | |
| DAM Bilateral - Wheel Through Bilaterals | 1% | 2% | 2% | 2% | 2% | 2% | 2% | 2% | 2% | | | |
| Balancing Energy Market MWh | -149,619 | -299,377 | -386,811 | -72,862 | -29,539 | -354,112 | -80,438 | -44,732 | -210,436 | | | |
| Balancing Energy LSE Internal LBMP Energy Sales | -147% | -101% | -128% | -208% | -458% | -113% | -123% | -75% | -82% | | | |
| Balancing Energy External TC LBMP Energy Sales | 74% | 24% | 37% | 189% | 564% | 29% | 129% | 209% | 14% | | | |
| Balancing Energy Bilateral - Internal Bilaterals | 9% | 5% | 0% | -11% | 29% | 5% | 18% | 23% | 7% | | | |
| Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | |
| Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals | 22% | 9% | 6% | 34% | 51% | 3% | 14% | 25% | 3% | | | |
| Balancing Energy Bilateral - Wheel Through Bilaterals | -58% | -36% | -15% | -103% | -287% | -23% | -138% | -281% | -42% | | | |
| Transactions Summary | | | | | | | | | | | | <u>-</u> |
| LBMP | 63% | 59% | 59% | 62% | 63% | 61% | 66% | 68% | 64% | | | |
| Internal Bilaterals | 30% | 32% | 33% | 30% | 29% | 31% | 27% | 25% | 28% | | | |
| Import Bilaterals | 5% | 5% | 6% | 5% | 5% | 5% | 4% | 4% | 5% | | | |
| Export Bilaterals | 2% | 2% | 2% | 2% | 2% | 1% | 1% | 1% | 1% | | | |
| Wheels Through | 1% | 1% | 1% | 1% | 1% | 2% | 1% | 1% | 2% | | | |
| Market Share of Total Load | | | | | | | | | | | | |
| Day Ahead Market | 101.0% | 102.4% | 102.9% | 100.6% | 100.2% | 102.6% | 100.5% | 100.3% | 101.5% | | | |
| Balancing Energy + | -1.0% | -2.4% | -2.9% | -0.6% | -0.2% | -2.6% | -0.5% | -0.3% | -1.5% | | | |
| Total MWH | 15,004,132 | 12,344,477 | 13,134,575 | 12,085,824 | 12,691,534 | 13,629,272 | 16,759,556 | | 14,222,196 | | | |
| Average Daily Energy Sendout/Month GWh | 463 | 426 | 413 | 390 | 397 | 445 | 529 | 537 | 458 | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| <u>2017</u> | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | <u>October</u> | <u>November</u> | <u>December</u> |
| Day Ahead Market MWh | 14,135,019 | 12,565,206 | 13,983,865 | 12,061,475 | 12,966,981 | 14,406,180 | 16,505,801 | 15,948,927 | 14,100,695 | 13,252,368 | 13,042,826 | 14,829,403 |
| DAM LSE Internal LBMP Energy Sales | 57% | 57% | 55% | 54% | 58% | 60% | 62% | 61% | 57% | 55% | 53% | 55% |
| DAM External TC LBMP Energy Sales | 2% | 2% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 2% | 3% | 5% |
| DAM Bilateral - Internal Bilaterals | 32% | 32% | 34% | 35% | 33% | 31% | 29% | 29% | 32% | 34% | 34% | 32% |
| DAM Bilateral - Importl/Non-LBMP Market Bilaterals | 5% | 5% | 5% | 6% | 4% | 5% | 4% | 5% | 5% | 5% | 5% | 5% |
| DAM Bilateral - Export/Non-LBMP Market Bilaterals | 2% | 2% | 2% | 2% | 2% | 2% | 1% | 2% | 2% | 00/ | 2% | 2% |
| DAM Bilateral - Wheel Through Bilaterals | 2% | 2% | 2% | 2% | 2% | 20/ | | | 2/0 | 2% | ∠ /0 | |
| Balancing Energy Market MWh | 256 440 | | | Z /0 | Z /0 | 2% | 3% | 3% | 4% | 2% 2% | 3% | 2% |
| Balancing Energy LSE Internal LBMP Energy Sales | -230,440 | -407,284 | -509,053 | | | | | | 4% | 2% | 3% | |
| | -256,448 -157% | -407,284 -132% | -509,053 -148% | -466,426 | -666,048 | -564,312 | -747,473 | -853,898 | -633,990 | 2% -510,721 | -410,072 | -254,003 |
| · · · · · · · · · · · · · · · · · · · | -157% | -132% | -148% | -466,426 -115% | -666,048 -120% | -564,312 -114% | -747,473 -100% | -853,898 -87% | -633,990 -76% | 2% -510,721 -102% | 3% -410,072 -108% | -254,003 -99% |
| Balancing Energy External TC LBMP Energy Sales | -157% 64% | -132% 39% | -148% 44% | -466,426 -115% 22% | -666,048 -120% 28% | -564,312 -114% 23% | -747,473 -100% 18% | -853,898 -87% 13% | -633,990 -76% 12% | 2% -510,721 -102% 26% | 3% -410,072 -108% 45% | -254,003 -99% 25% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals | -157% 64% 15% | -132% 39% 8% | -148% 44% 12% | -466,426 -115% 22% 5% | -666,048 -120% 28% 1% | -564,312 -114% 23% 4% | -747,473 -100% 18% 3% | -853,898 -87% 13% 2% | -633,990 -76% 12% 3% | 2% -510,721 -102% 26% 5% | 3% -410,072 -108% 45% 5% | -254,003 -99% 25% -1% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals | -157% 64% 15% 0% | -132% 39% 8% 4% | -148% 44% 12% 0% | -466,426 -115% 22% 5% 0% | -666,048 -120% 28% 1% 0% | -564,312 -114% 23% 4% 0% | -747,473 -100% 18% 3% 0% | -853,898 -87% 13% 2% 0% | 4% -633,990 -76% 12% 3% 0% | 2% -510,721 -102% 26% 5% 0% | 3% -410,072 -108% 45% 5% 0% | -254,003 -99% 25% -1% 0% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals | -157% 64% 15% 0% 10% | -132% 39% 8% 4% 7% | -148% 44% 12% 0% 5% | -466,426 -115% 22% 5% 0% 4% | -666,048 -120% 28% 1% 0% 3% | -564,312 -114% 23% 4% 0% 3% | -747,473 -100% 18% 3% 0% 1% | -853,898 -87% 13% 2% 0% 1% | 4% -633,990 -76% 12% 3% 0% 1% | 2% -510,721 -102% 26% 5% 0% 4% | 3% -410,072 -108% 45% 5% 0% 7% | -254,003 -99% 25% -1% 0% 9% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals | -157% 64% 15% 0% | -132% 39% 8% 4% | -148% 44% 12% 0% | -466,426 -115% 22% 5% 0% | -666,048 -120% 28% 1% 0% | -564,312 -114% 23% 4% 0% | -747,473 -100% 18% 3% 0% | -853,898 -87% 13% 2% 0% | 4% -633,990 -76% 12% 3% 0% | 2% -510,721 -102% 26% 5% 0% | 3% -410,072 -108% 45% 5% 0% | -254,003 -99% 25% -1% 0% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary | -157% 64% 15% 0% 10% -32% | -132% 39% 8% 4% 7% -26% | -148% 44% 12% 0% 5% -13% | -466,426 -115% 22% 5% 0% 4% -15% | -666,048 -120% 28% 1% 0% 3% -12% | -564,312 -114% 23% 4% 0% 3% -16% | -747,473 -100% 18% 3% 0% 1% -22% | -853,898 -87% 13% 2% 0% 1% -29% | 4% -633,990 -76% 12% 3% 0% 1% -40% | 2% -510,721 -102% 26% 5% 0% 4% -33% | 3% -410,072 -108% 45% 5% 0% 7% -49% | -254,003 -99% 25% -1% 0% 9% -34% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP | -157% 64% 15% 0% 10% -32% | -132% 39% 8% 4% 7% -26% | -148% 44% 12% 0% 5% -13% | -466,426 -115% 22% 5% 0% 4% -15% | -666,048 -120% 28% 1% 0% 3% -12% | -564,312 -114% 23% 4% 0% 3% -16% | -747,473 -100% 18% 3% 0% 1% -22% | -853,898 -87% 13% 2% 0% 1% -29% | 4% -633,990 -76% 12% 3% 0% 1% -40% | 2% -510,721 -102% 26% 5% 0% 4% -33% | 3% -410,072 -108% 45% 5% 0% 7% -49% | -254,003 -99% 25% -1% 0% 9% -34% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals | -157% 64% 15% 0% 10% -32% 58% 33% | -132% 39% 8% 4% 7% -26% 57% 34% | -148% 44% 12% 0% 5% -13% | -466,426 -115% 22% 5% 0% 4% -15% | -666,048 -120% 28% 1% 0% 3% -12% | -564,312 -114% 23% 4% 0% 3% -16% | -747,473 -100% 18% 3% 0% 1% -22% | -853,898 -87% 13% 2% 0% 1% -29% | 4% -633,990 -76% 12% 3% 0% 1% -40% | 2% -510,721 -102% 26% 5% 0% 4% -33% | 3% -410,072 -108% 45% 5% 0% 7% -49% 56% 36% | -254,003 -99% 25% -1% 0% 9% -34% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals | -157% 64% 15% 0% 10% -32% 58% 33% 5% | -132% 39% 8% 4% 7% -26% 57% 34% 5% | -148% 44% 12% 0% 5% -13% 55% 36% 5% | -466,426 -115% 22% 5% 0% 4% -15% 54% 37% 6% | -666,048 -120% 28% 1% 0% 3% -12% 58% 34% 4% | -564,312 -114% 23% 4% 0% 3% -16% 60% 32% 5% | -747,473 -100% 18% 3% 0% 1% -22% 62% 30% 5% | -853,898 -87% 13% 2% 0% 1% -29% 61% 31% 5% | 4% -633,990 -76% 12% 3% 0% 1% -40% 58% 33% 5% | 2% -510,721 -102% 26% 5% 0% 4% -33% 56% 36% 5% | 3% -410,072 -108% 45% 5% 0% 7% -49% 56% 36% 5% | -254,003 -99% 25% -1% 0% 9% -34% 60% 32% 5% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals | -157% 64% 15% 0% 10% -32% 58% 33% 5% 2% | -132% 39% 8% 4% 7% -26% 57% 34% 5% 2% | -148% 44% 12% 0% 5% -13% 55% 36% 5% 2% | -466,426 -115% 22% 5% 0% 4% -15% 54% 37% 6% 2% | -666,048 -120% 28% 1% 0% 3% -12% 58% 34% 4% 2% | -564,312 -114% 23% 4% 0% 3% -16% 60% 32% 5% 2% | -747,473 -100% 18% 3% 0% 1% -22% 62% 30% 5% 2% | -853,898 -87% 13% 2% 0% 1% -29% 61% 31% 5% 2% | 4% -633,990 -76% 12% 3% 0% 1% -40% 58% 33% 5% 2% | 2% -510,721 -102% 26% 5% 0% 4% -33% 56% 36% 5% 2% | 3% -410,072 -108% 45% 5% 0% 7% -49% 56% 36% 5% 2% | -254,003 -99% 25% -1% 0% 9% -34% 60% 32% 5% 2% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Wheels Through | -157% 64% 15% 0% 10% -32% 58% 33% 5% | -132% 39% 8% 4% 7% -26% 57% 34% 5% | -148% 44% 12% 0% 5% -13% 55% 36% 5% | -466,426 -115% 22% 5% 0% 4% -15% 54% 37% 6% | -666,048 -120% 28% 1% 0% 3% -12% 58% 34% 4% | -564,312 -114% 23% 4% 0% 3% -16% 60% 32% 5% | -747,473 -100% 18% 3% 0% 1% -22% 62% 30% 5% | -853,898 -87% 13% 2% 0% 1% -29% 61% 31% 5% | 4% -633,990 -76% 12% 3% 0% 1% -40% 58% 33% 5% | 2% -510,721 -102% 26% 5% 0% 4% -33% 56% 36% 5% | 3% -410,072 -108% 45% 5% 0% 7% -49% 56% 36% 5% | -254,003 -99% 25% -1% 0% 9% -34% 60% 32% 5% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load | -157% 64% 15% 0% 10% -32% 58% 33% 5% 2% 2% | -132% 39% 8% 4% 7% -26% 57% 34% 5% 2% 2% | -148% 44% 12% 0% 5% -13% 55% 36% 5% 2% 2% | -466,426 -115% 22% 5% 0% 4% -15% 54% 37% 6% 2% 2% | -666,048 -120% 28% 1% 0% 3% -12% 58% 34% 4% 2% 2% | -564,312 -114% 23% 4% 0% 3% -16% 60% 32% 5% 2% 1% | -747,473 -100% 18% 3% 0% 1% -22% 62% 30% 5% 2% 2% | -853,898 -87% 13% 2% 0% 1% -29% 61% 31% 5% 2% 2% | 4% -633,990 -76% 12% 3% 0% 1% -40% 58% 33% 5% 2% 2% | 2% -510,721 -102% 26% 5% 0% 4% -33% 56% 36% 5% 2% 1% | 3% -410,072 -108% 45% 5% 0% 7% -49% 56% 36% 5% 2% 1% | -254,003 -99% 25% -1% 0% 9% -34% 60% 32% 5% 2% 1% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market | -157% 64% 15% 0% 10% -32% 58% 33% 5% 2% 2% | -132% 39% 8% 4% 7% -26% 57% 34% 5% 2% 2% | -148% 44% 12% 0% 5% -13% 55% 36% 5% 2% 2% | -466,426 -115% 22% 5% 0% 4% -15% 54% 37% 6% 2% 2% 2% | -666,048 -120% 28% 1% 0% 3% -12% 58% 34% 4% 2% 2% 2% | -564,312 -114% 23% 4% 0% 3% -16% 60% 32% 5% 2% 1% | -747,473 -100% 18% 3% 0% 1% -22% 62% 30% 5% 2% 2% | -853,898 -87% 13% 2% 0% 1% -29% 61% 31% 5% 2% 2% 2% | 4% -633,990 -76% 12% 3% 0% 1% -40% 58% 33% 5% 2% 2% 104.7% | 2% -510,721 -102% 26% 5% 0% 4% -33% 56% 36% 5% 2% 1% | 3% -410,072 -108% 45% 5% 0% 7% -49% 56% 36% 5% 2% 1% | -254,003 -99% 25% -1% 0% 9% -34% 60% 32% 5% 2% 1% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market Balancing Energy + | -157% 64% 15% 0% 10% -32% 58% 33% 5% 2% 2% 2% | -132% 39% 8% 4% 7% -26% 57% 34% 5% 2% 2% 2% | -148% 44% 12% 0% 5% -13% 55% 36% 5% 2% 2% 2% | -466,426 -115% 22% 5% 0% 4% -15% 54% 37% 6% 2% 2% 2% | -666,048 -120% 28% 1% 0% 3% -12% 58% 34% 4% 2% 2% 2% 105.4% -5.4% | -564,312 -114% 23% 4% 0% 3% -16% 60% 32% 5% 2% 1% 104.1% -4.1% | -747,473 -100% 18% 3% 0% 1% -22% 62% 30% 5% 2% 2% 2% | -853,898 -87% 13% 2% 0% 1% -29% 61% 31% 5% 2% 2% 2% 105.7% -5.7% | 4% -633,990 -76% 12% 3% 0% 1% -40% 58% 33% 5% 2% 2% 104.7% -4.7% | 2% -510,721 -102% 26% 5% 0% 4% -33% 56% 36% 5% 2% 1% 104.0% -4.0% | 3% -410,072 -108% 45% 5% 0% 7% -49% 56% 36% 5% 2% 1% 103.2% -3.2% | -254,003 -99% 25% -1% 0% 9% -34% 60% 32% 5% 2% 1% 101.7% -1.7% |
| Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals Transactions Summary LBMP Internal Bilaterals Import Bilaterals Export Bilaterals Export Bilaterals Wheels Through Market Share of Total Load Day Ahead Market | -157% 64% 15% 0% 10% -32% 58% 33% 5% 2% 2% | -132% 39% 8% 4% 7% -26% 57% 34% 5% 2% 2% | -148% 44% 12% 0% 5% -13% 55% 36% 5% 2% 2% | -466,426 -115% 22% 5% 0% 4% -15% 54% 37% 6% 2% 2% 2% | -666,048 -120% 28% 1% 0% 3% -12% 58% 34% 4% 2% 2% 2% | -564,312 -114% 23% 4% 0% 3% -16% 60% 32% 5% 2% 1% | -747,473 -100% 18% 3% 0% 1% -22% 62% 30% 5% 2% 2% | -853,898 -87% 13% 2% 0% 1% -29% 61% 31% 5% 2% 2% 2% | 4% -633,990 -76% 12% 3% 0% 1% -40% 58% 33% 5% 2% 2% 104.7% | 2% -510,721 -102% 26% 5% 0% 4% -33% 56% 36% 5% 2% 1% | 3% -410,072 -108% 45% 5% 0% 7% -49% 56% 36% 5% 2% 1% | -254,003 -99% 25% -1% 0% 9% -34% 60% 32% 5% 2% 1% |

⁺ Balancing Energy: Load(MW) purchased at Real Time LBMP.

Notes: Percent totals may not equal 100% due to rounding.
Virtual Transactions are not reflected in this chart.

<u>2018</u>

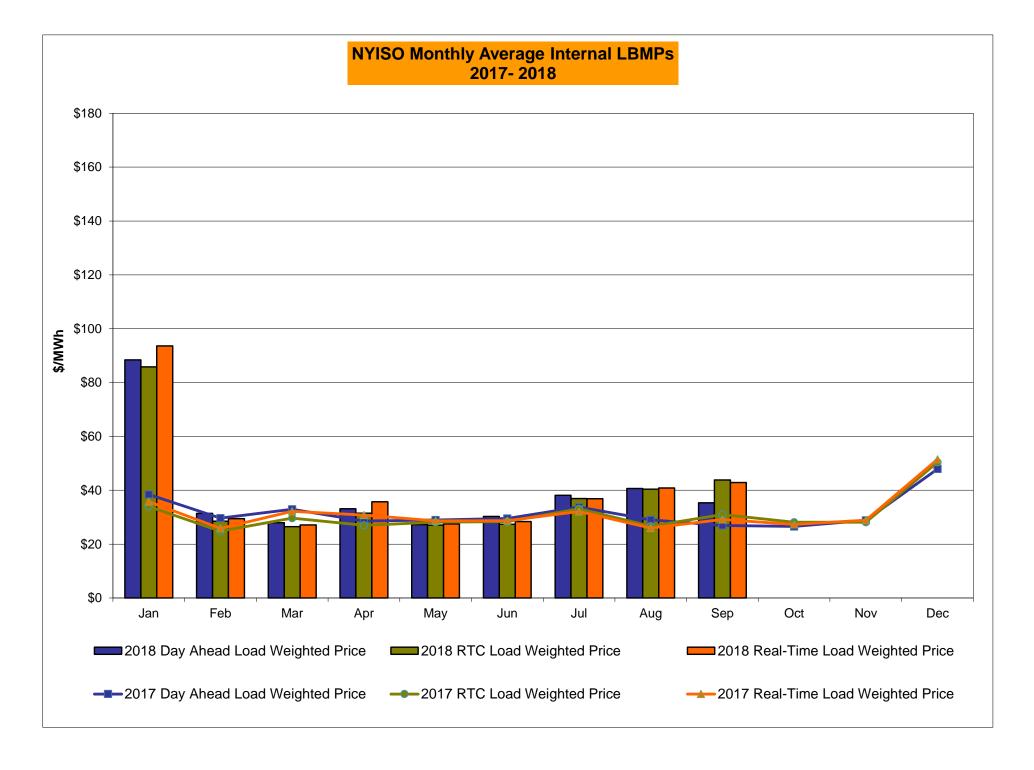
^{*} The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

NYISO Markets 2018 Energy Statistics

| | | | | 111100 | mai noto | 2010 2110 | igy Clati | <u> </u> | | | | |
|--|----------------|-----------------|--------------------|--------------------|----------------|---------------|----------------|---------------|------------------|---------------|---------------|--------------------|
| | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | October | November | <u>December</u> |
| DAY AHEAD LBMP | | | | | | | | | | | | |
| Price * | \$83.53 | \$30.37 | \$27.37 | \$32.40 | \$25.97 | \$28.41 | \$35.73 | \$38.00 | \$33.28 | | | |
| Standard Deviation | \$58.94 | \$12.38 | \$6.34 | \$9.06 | \$9.22 | \$11.42 | \$15.25 | \$16.51 | \$12.01 | | | |
| Load Weighted Price ** | \$88.42 | \$31.44 | \$27.95 | \$33.14 | \$27.26 | \$30.27 | \$38.14 | \$40.64 | \$35.33 | | | |
| RTC LBMP | | | | | | | | | | | | |
| Price * | \$81.65 | \$27.73 | \$25.99 | \$30.80 | \$25.40 | \$26.06 | \$34.65 | \$38.13 | \$39.52 | | | |
| Standard Deviation | \$60.83 | \$11.96 | \$8.99 | \$14.30 | \$20.37 | \$12.78 | \$17.44 | \$20.05 | \$61.50 | | | |
| Load Weighted Price ** | \$85.85 | \$28.54 | \$26.46 | \$31.47 | \$27.08 | \$27.35 | \$36.93 | \$40.40 | \$43.83 | | | |
| REAL TIME LBMP | | | | | | | | | | | | |
| Price * | \$87.94 | \$28.50 | \$26.49 | \$34.53 | \$25.57 | \$26.31 | \$34.34 | \$38.07 | \$38.15 | | | |
| Standard Deviation | \$87.41 | \$17.36 | \$20.49 \$12.25 | \$34.55 \$26.57 | \$23.49 | \$24.34 | \$18.44 | \$27.21 | \$46.81 | | | |
| | • | | • | • | • | • | • | • | • | | | |
| Load Weighted Price ** | \$93.59 | \$29.49 | \$27.09 | \$35.72 | \$27.47 | \$28.38 | \$36.84 | \$40.87 | \$42.87 | | | |
| Average Daily Energy Sendout/Month GWh | 463 | 426 | 413 | 390 | 397 | 445 | 529 | 537 | 458 | | | |
| | | | | NYISO | Markets | 2017 Ene | ergy Stati | stics | | | | |
| | | | | | | | | | | | | |
| DAY ALICAD I DMD | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | October | November | <u>December</u> |
| DAY AHEAD LBMP | #07.00 | # 00.04 | # 00.04 | 407.70 | #07.00 | #07.07 | # 04.04 | #07.00 | # 05.05 | COE 40 | #07.00 | 0.45.40 |
| Price * | \$37.22 | \$28.84 | \$32.04 | \$27.70 | \$27.66 | \$27.37 | \$31.64 | \$27.28 | \$25.05 | \$25.49 | \$27.88 | \$45.46 |
| Standard Deviation | \$13.20 | \$7.97 | \$11.95 | \$7.66 | \$9.47 | \$12.37 | \$13.51 | \$10.60 | \$12.09 | \$8.53 | \$9.87 | \$31.56 |
| Load Weighted Price ** | \$38.42 | \$29.66 | \$32.96 | \$28.56 | \$28.95 | \$29.52 | \$33.78 | \$29.00 | \$26.95 | \$26.57 | \$28.83 | \$47.90 |
| RTC LBMP | | | | | | | | | | | | |
| Price * | \$32.87 | \$24.09 | \$28.86 | \$26.19 | \$26.19 | \$26.40 | \$30.84 | \$25.26 | \$27.97 | \$26.91 | \$27.35 | \$47.75 |
| Ctandard Daviation | Ф4.4.Е.Т | <u></u> | Φ4Ω 7 Ω | 040.00 | ሲ ህላ ህህ | ¢4.4.70 | 04044 | Φ42 O0 | CO7 4 4 | 042 40 | Φ40 E4 | фо т оо |

| Load Weighted Price ** | \$38.42 | \$29.66 | \$32.96 | \$28.56 | \$28.95 | \$29.52 | \$33.78 | \$29.00 | \$26.95 | \$26.57 | \$28.83 | \$47.90 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| RTC LBMP | | | | | | | | | | | | |
| Price * | \$32.87 | \$24.09 | \$28.86 | \$26.19 | \$26.19 | \$26.40 | \$30.84 | \$25.26 | \$27.97 | \$26.91 | \$27.35 | \$47.75 |
| Standard Deviation | \$14.57 | \$9.52 | \$13.70 | \$10.36 | \$21.29 | \$14.76 | \$18.14 | \$13.08 | \$27.14 | \$13.40 | \$10.54 | \$37.33 |
| Load Weighted Price ** | \$33.96 | \$24.81 | \$29.67 | \$26.98 | \$28.10 | \$28.39 | \$33.13 | \$26.65 | \$30.98 | \$28.13 | \$28.15 | \$50.39 |
| REAL TIME LBMP | | | | | | | | | | | | |
| Price * | \$34.61 | \$25.14 | \$31.21 | \$29.61 | \$26.56 | \$26.16 | \$29.47 | \$24.36 | \$26.08 | \$25.95 | \$27.91 | \$48.42 |
| Standard Deviation | \$18.20 | \$14.21 | \$25.02 | \$39.82 | \$26.11 | \$19.00 | \$20.25 | \$14.03 | \$25.72 | \$14.49 | \$15.86 | \$42.66 |
| Load Weighted Price ** | \$35.80 | \$25.84 | \$32.21 | \$30.81 | \$28.64 | \$28.67 | \$32.11 | \$25.95 | \$29.13 | \$27.33 | \$28.90 | \$51.49 |
| Average Daily Energy Sendout/Month GWh | 431 | 418 | 419 | 377 | 383 | 454 | 498 | 477 | 437 | 398 | 403 | 444 |

^{*} Average zonal load weighted prices.
** Average zonal load weighted prices, load weighted in each hour.

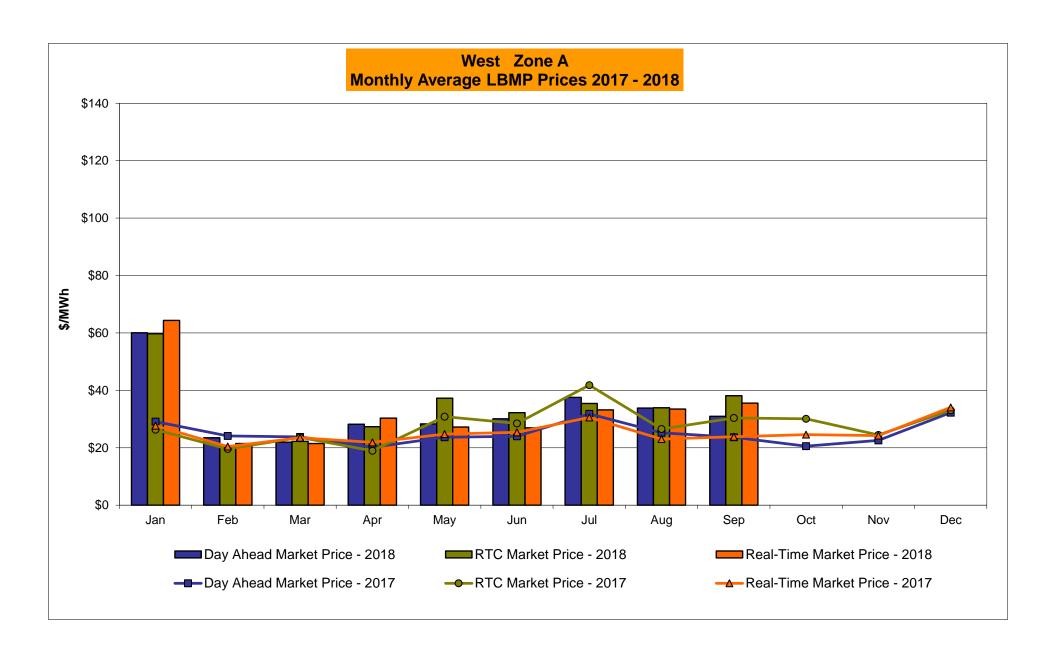


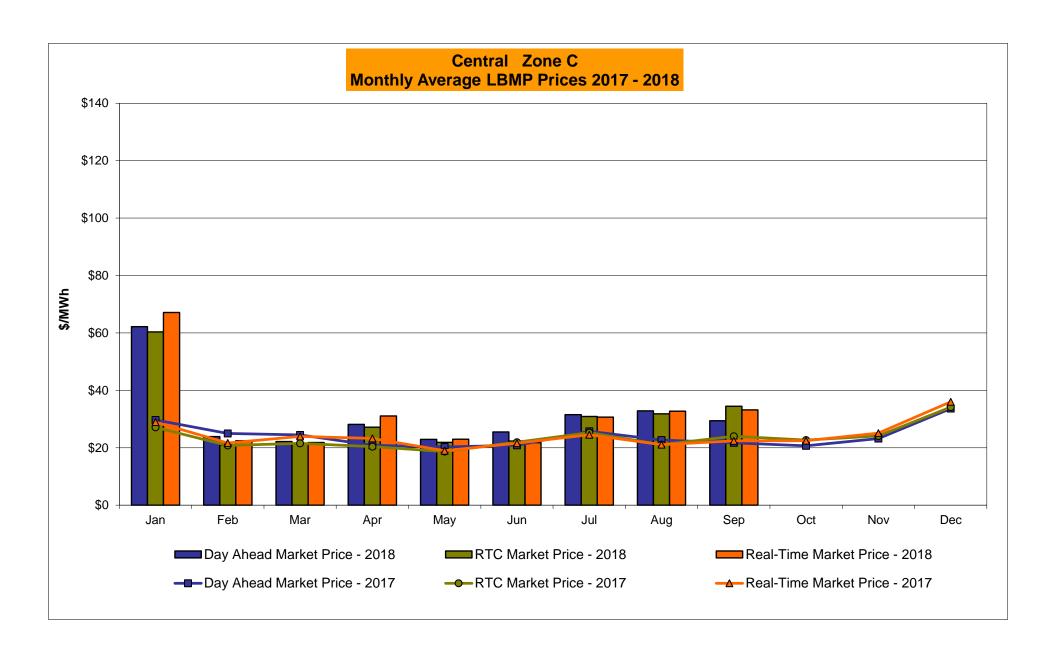
September 2018 Zonal LBMP Statistics for NYISO (\$/MWh)

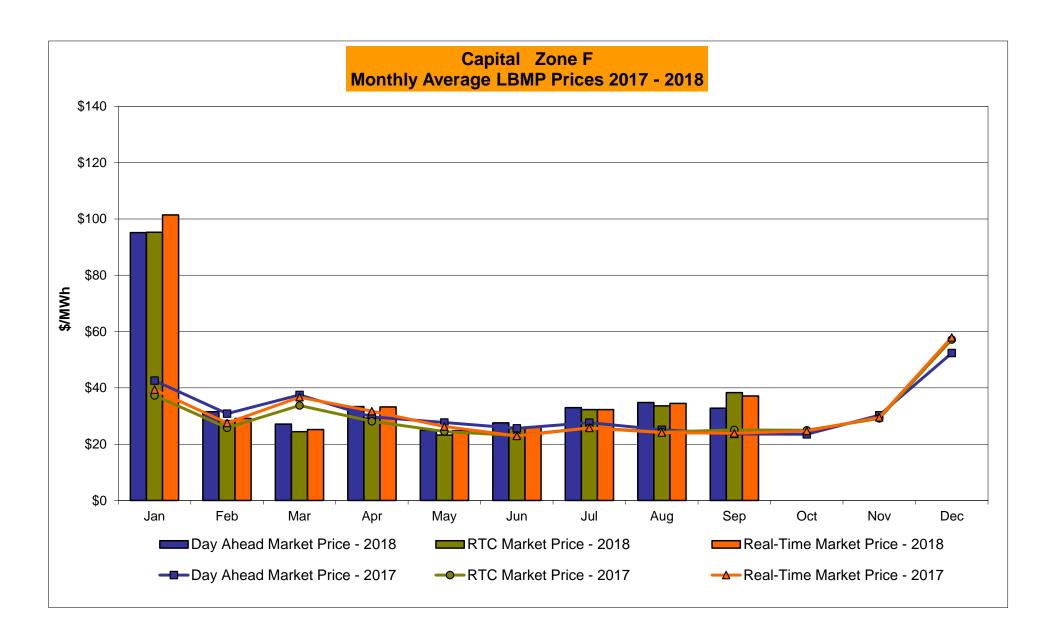
| | WEST | GENESEE | NORTH | CENTRAL | MOHAWK VALLEY | CAPITAL | HUDSON VALLEY | MILLWOOD | DUNWOODIE | NEW YORK CITY | LONG ISLAND |
|--|-------------------------|------------------------------------|---|--------------------------|---------------------------|--|---|--|--|--|---------------------------------------|
| | Zone A | Zone B | Zone D | Zone C | Zone E | Zone F | Zone G | Zone H | Zone I | Zone J | Zone K |
| DAY AHEAD LBMP | | | | | | | | | | | |
| Unweighted Price * | 30.96 | 28.51 | 20.96 | 29.40 | 29.07 | 32.80 | 32.85 | 33.16 | 33.27 | 35.52 | 37.64 |
| Standard Deviation | 15.22 | 9.76 | 9.65 | 10.40 | 10.12 | 9.54 | 10.17 | 10.28 | 10.30 | 12.84 | 16.20 |
| RTC LBMP | | | | | | | | | | | |
| Unweighted Price * | 38.11 | 33.29 | 28.72 | 34.47 | 34.77 | 38.32 | 37.93 | 38.23 | 38.42 | 41.73 | 45.59 |
| Standard Deviation | 63.11 | 52.78 | 48.89 | 54.62 | 55.23 | 60.62 | 60.35 | 60.53 | 60.51 | 62.46 | 84.10 |
| REAL TIME LBMP | | | | | | | | | | | |
| Unweighted Price * | 35.56 | 32.22 | 24.70 | 33.20 | 33.23 | 37.14 | 36.70 | 37.08 | 37.44 | 41.22 | 43.02 |
| Standard Deviation | 46.05 | 39.74 | 45.09 | 40.99 | 40.82 | 45.74 | 45.42 | 45.62 | 46.07 | 49.16 | 69.01 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | ONTARIO | HYDRO | HYDRO | | NEW. | CROSS | NADTURART | | | | |
| | ONTARIO | QUEBEC | QUEBEC | D IM | NEW ENGLAND | SOUND | NORTHPORT- | NEDTUNE | I INDEN VET | шпеом | Donnicon |
| | ONTARIO IESO | QUEBEC | | PJM | NEW ENGLAND | SOUND CABLE | NORWALK | NEPTUNE | LINDEN VFT | HUDSON | Dennison |
| | IESO | QUEBEC (Wheel) | QUEBEC (Import/Export) | | ENGLAND | SOUND CABLE Controllable | NORWALK Controllable | Controllable | <u>Controllable</u> | <u>Controllable</u> | Controllable |
| DAY AHEAD LBMP | | QUEBEC | QUEBEC | PJM Zone P | | SOUND CABLE | NORWALK | | | | |
| DAY AHEAD LBMP Unweighted Price * | IESO Zone O | QUEBEC (Wheel) Zone M | QUEBEC (Import/Export) Zone M | Zone P | ENGLAND Zone N | SOUND CABLE Controllable Line | NORWALK Controllable Line | Controllable Line | Controllable Line | Controllable Line | Controllable Line |
| DAY AHEAD LBMP Unweighted Price * Standard Deviation | IESO | QUEBEC (Wheel) | QUEBEC (Import/Export) | | ENGLAND | SOUND CABLE Controllable | NORWALK Controllable | Controllable | <u>Controllable</u> | <u>Controllable</u> | Controllable |
| Unweighted Price * | Zone O 26.99 | QUEBEC (Wheel) Zone M 20.51 | QUEBEC (Import/Export) Zone M 20.51 | <u>Zone P</u> 30.57 | Zone N 33.89 | SOUND CABLE Controllable Line | NORWALK Controllable Line 34.71 | Controllable Line 35.11 | Controllable Line 34.22 | Controllable Line 34.02 | Controllable Line 20.48 |
| Unweighted Price * Standard Deviation | Zone O 26.99 | QUEBEC (Wheel) Zone M 20.51 | QUEBEC (Import/Export) Zone M 20.51 | <u>Zone P</u> 30.57 | Zone N 33.89 | SOUND CABLE Controllable Line | NORWALK Controllable Line 34.71 | Controllable Line 35.11 | Controllable Line 34.22 | Controllable Line 34.02 | Controllable Line 20.48 |
| Unweighted Price * Standard Deviation RTC LBMP | Zone O 26.99 8.45 | QUEBEC (Wheel) Zone M 20.51 9.84 | QUEBEC (Import/Export) Zone M 20.51 9.84 | Zone P 30.57 9.95 | Zone N 33.89 11.43 | SOUND CABLE Controllable Line 36.12 14.18 | NORWALK Controllable Line 34.71 11.34 | Controllable Line 35.11 13.17 | Controllable Line 34.22 10.77 | Controllable Line 34.02 11.08 | Controllable Line 20.48 9.14 |
| Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * | 26.99 8.45 | QUEBEC (Wheel) Zone M 20.51 9.84 | QUEBEC (Import/Export) Zone M 20.51 9.84 | Zone P 30.57 9.95 | Zone N 33.89 11.43 | SOUND CABLE Controllable Line 36.12 14.18 | NORWALK Controllable Line 34.71 11.34 | 25.11 35.11 13.17 | 24.22 10.77 | Controllable Line 34.02 11.08 | 20.48 9.14 |
| Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation | 26.99 8.45 | QUEBEC (Wheel) Zone M 20.51 9.84 | QUEBEC (Import/Export) Zone M 20.51 9.84 | Zone P 30.57 9.95 | Zone N 33.89 11.43 | SOUND CABLE Controllable Line 36.12 14.18 | NORWALK Controllable Line 34.71 11.34 | 25.11 35.11 13.17 | 24.22 10.77 | Controllable Line 34.02 11.08 | 20.48 9.14 |

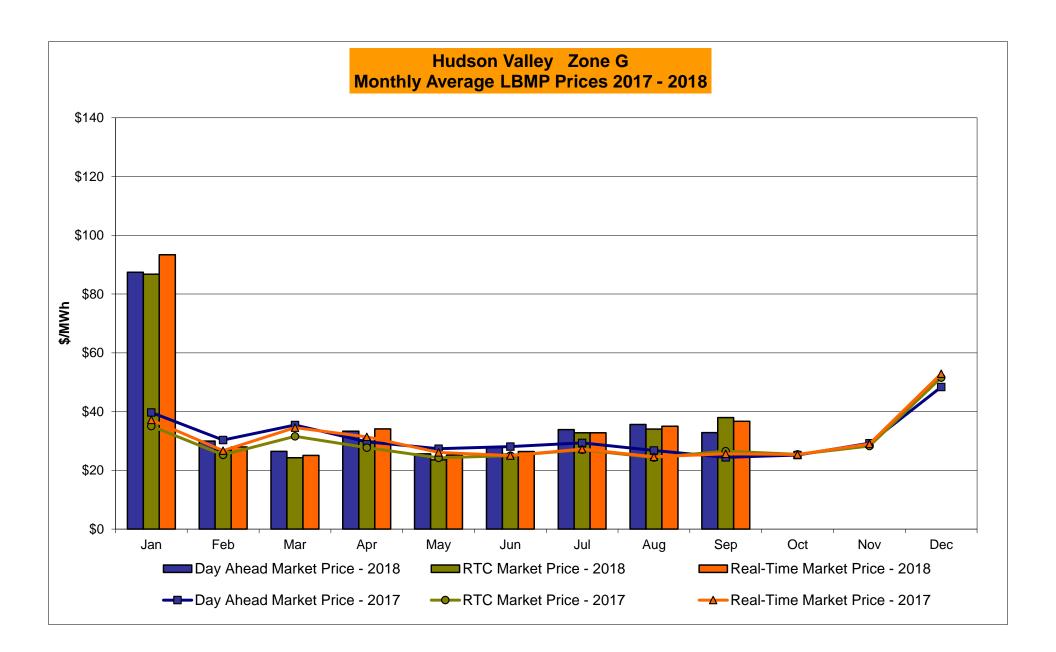
Market Mitigation and Analysis Prepared: 10/5/2018 2:53 PM

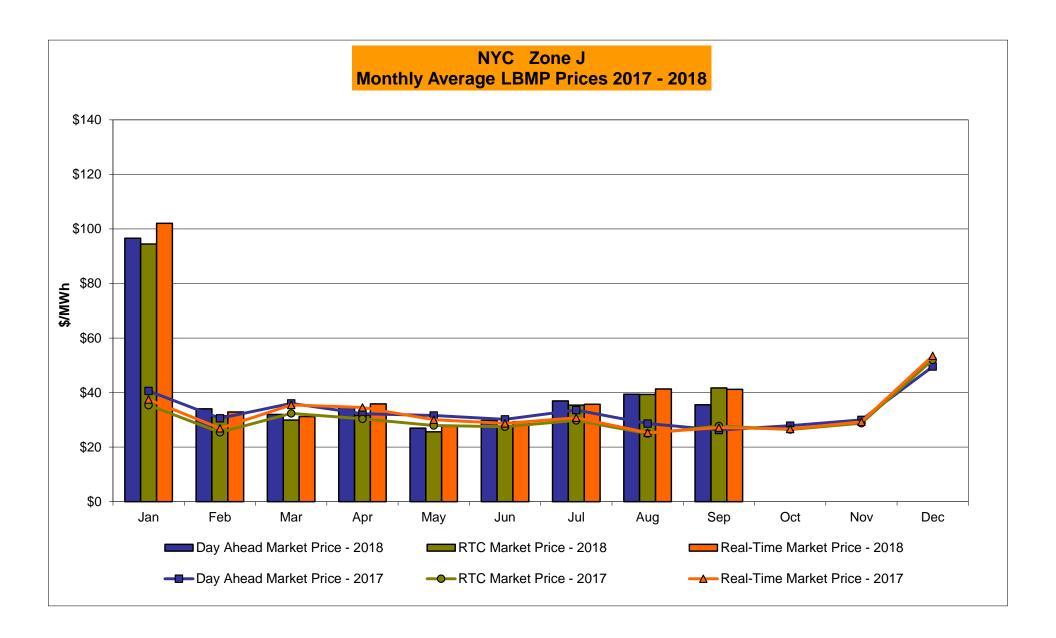
^{*} Straight LBMP averages

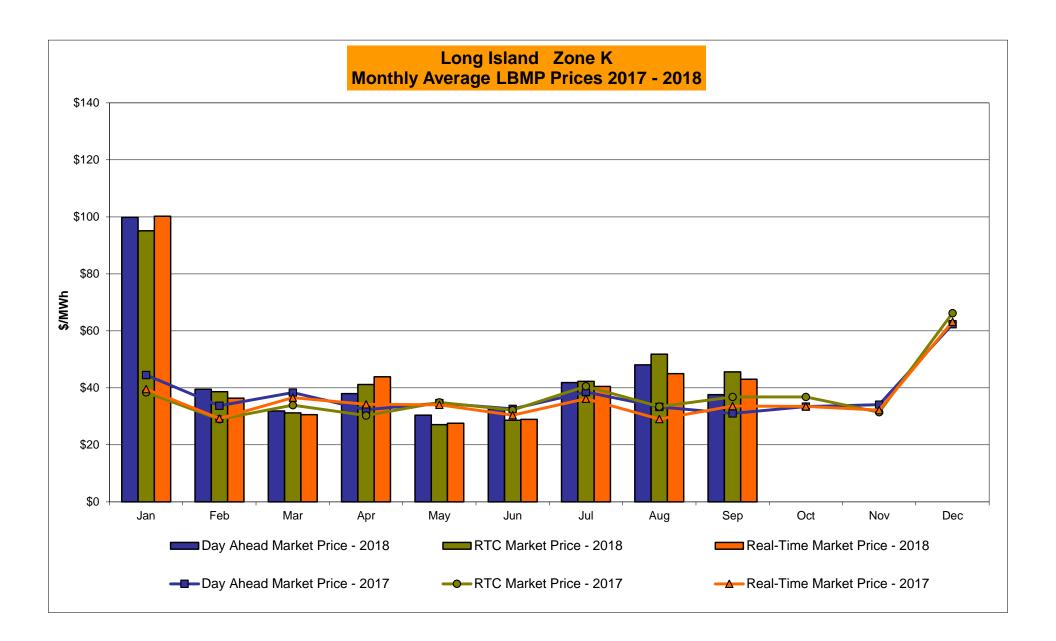


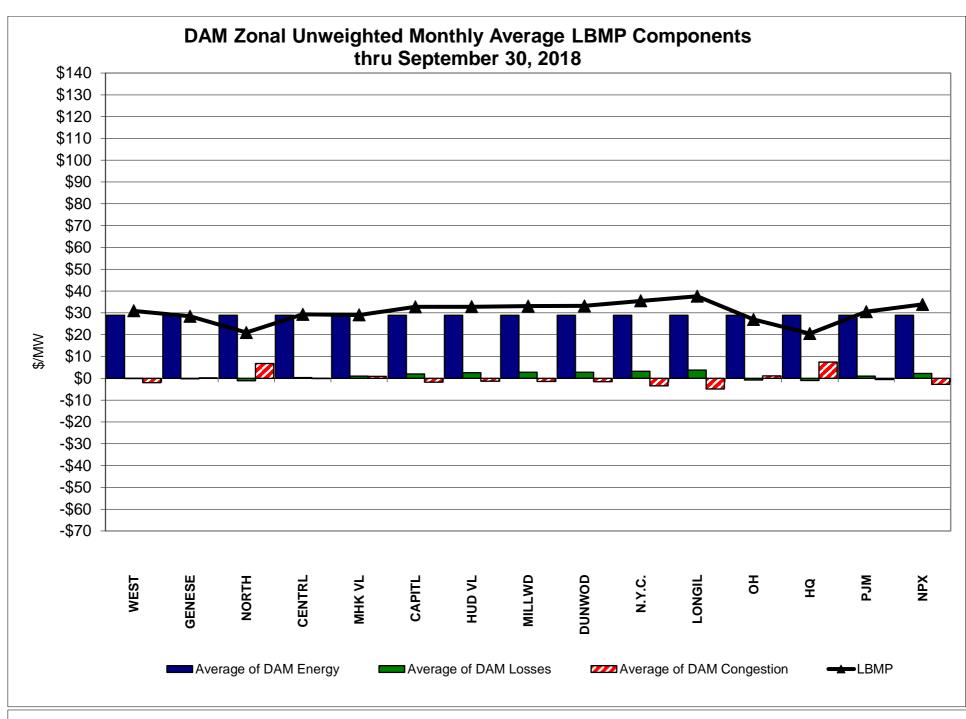


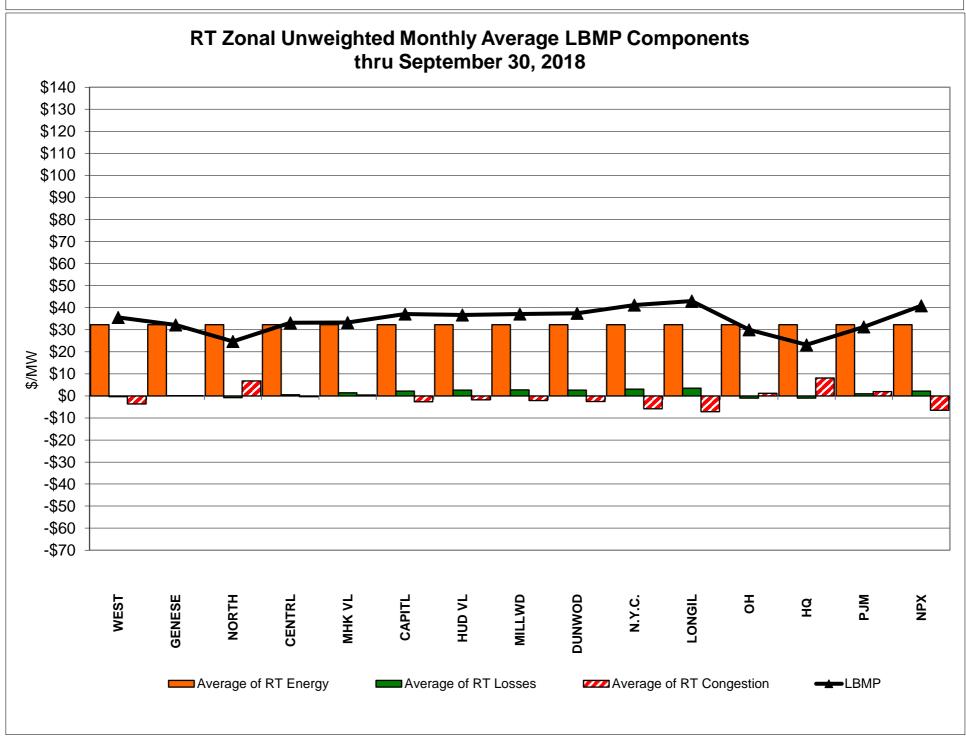




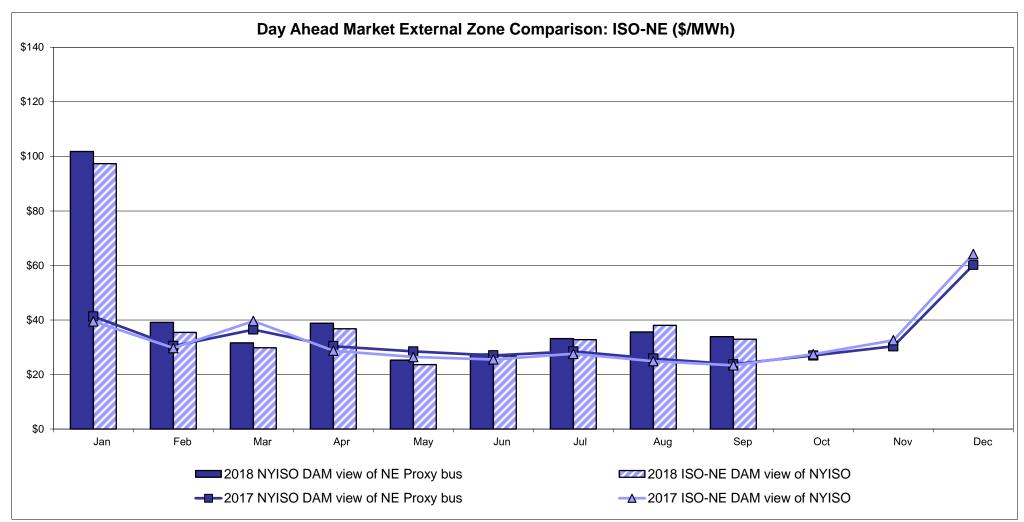


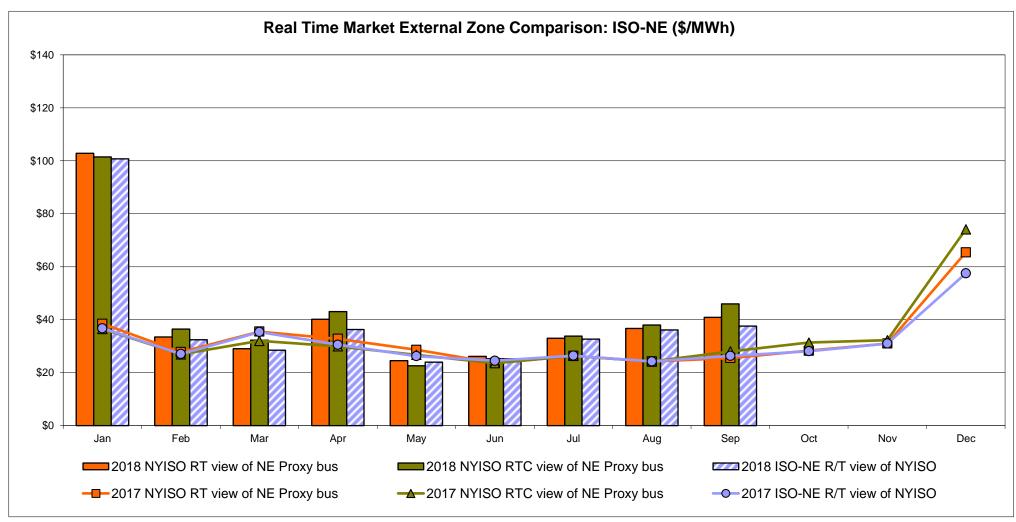




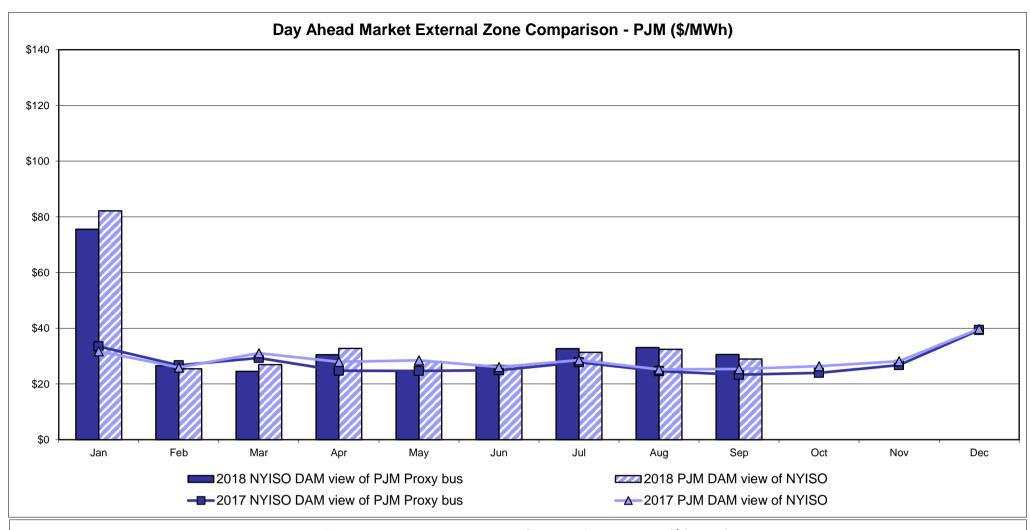


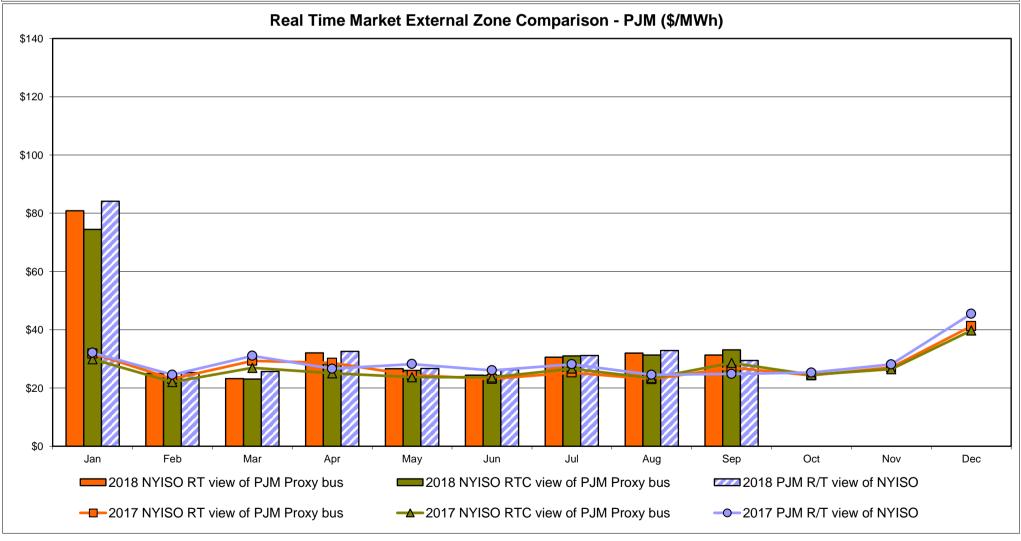
External Comparison ISO-New England



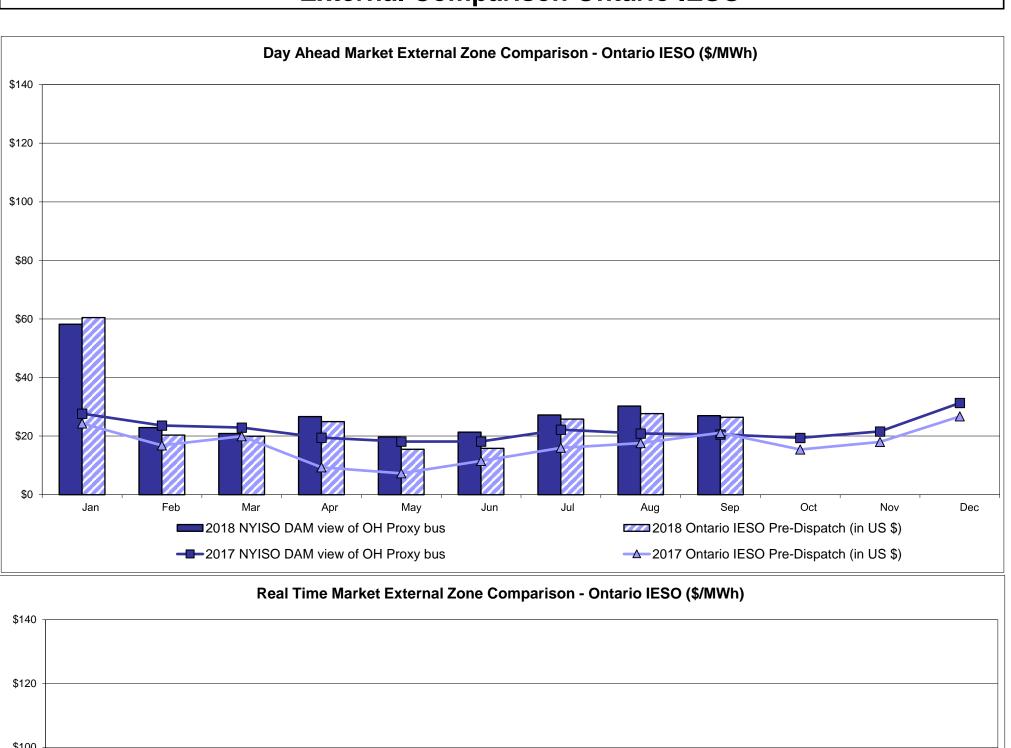


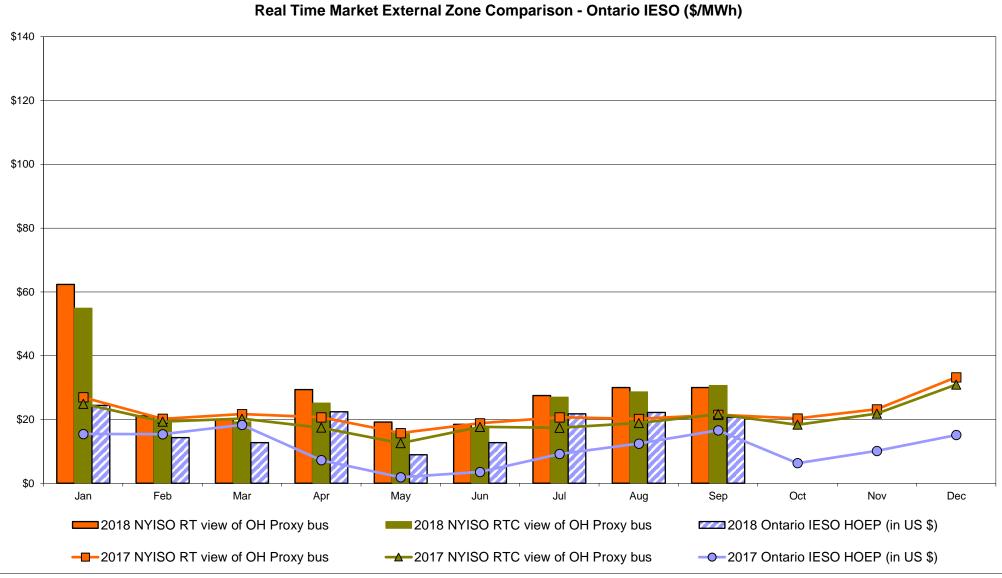
External Comparison PJM





External Comparison Ontario IESO

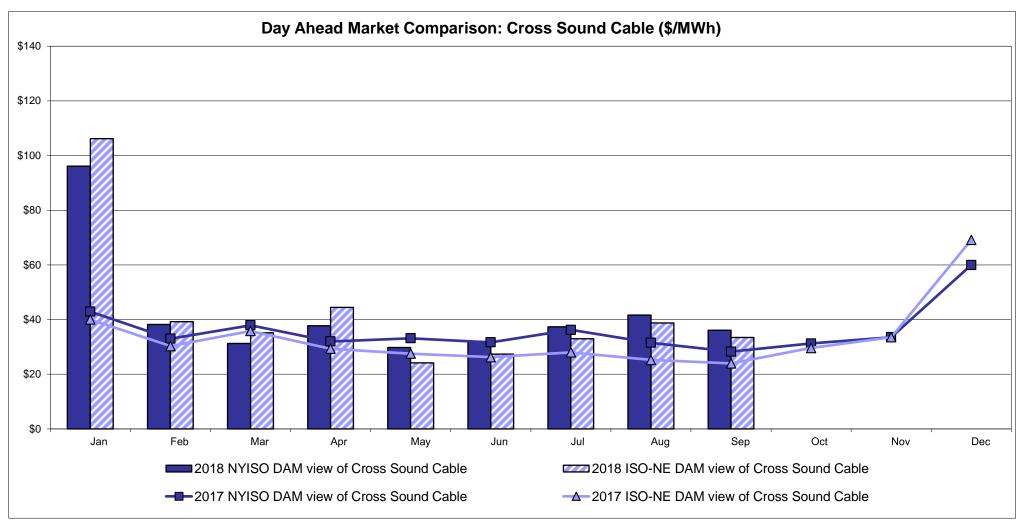


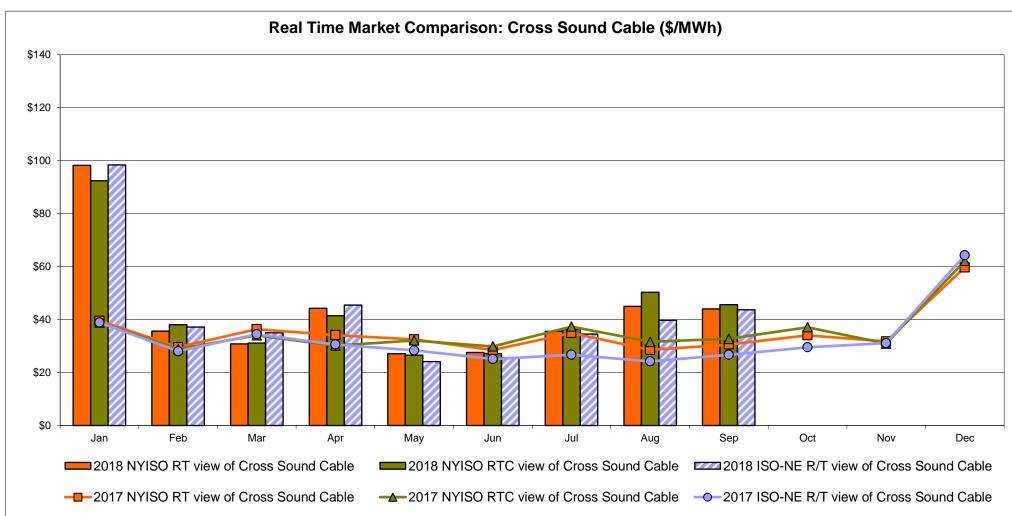


Notes: Exchange factor used for September 2018 was 0.767224182906245 to US

HOEP: Hourly Ontario Energy Price Pre-Dispatch: Projected Energy Price

External Controllable Line: Cross Sound Cable (New England)





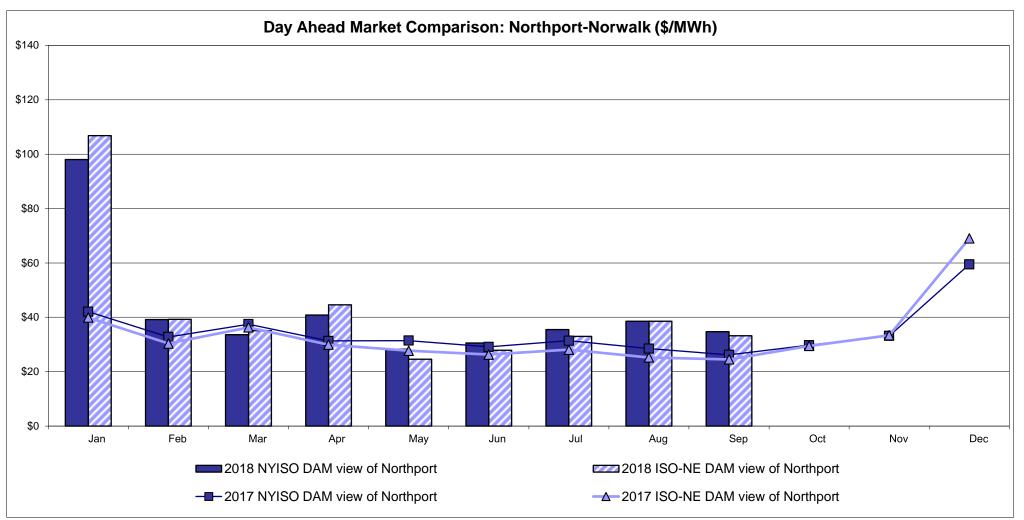
Note:

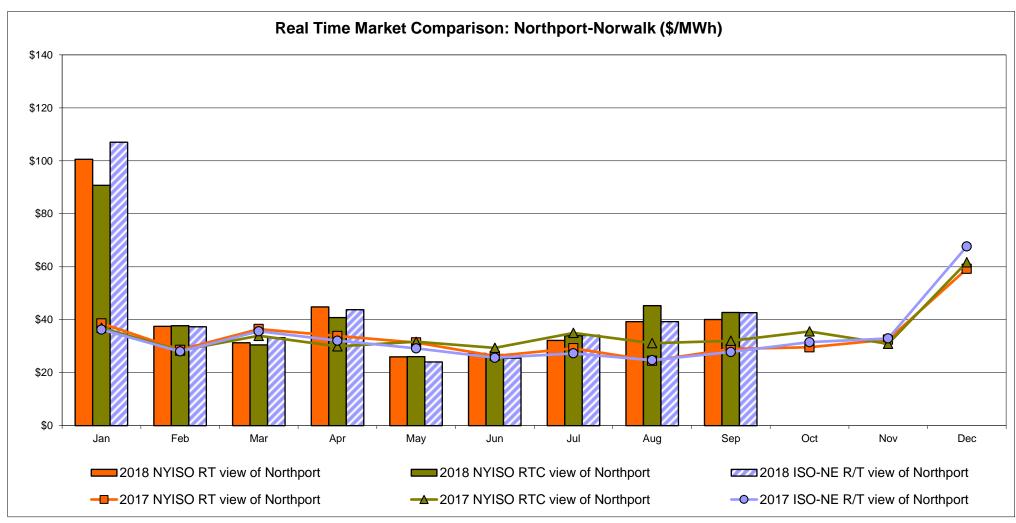
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.

The DAM and R/T prices at the CSC interface are used for NYISO.

External Controllable Line: Northport - Norwalk (New England)





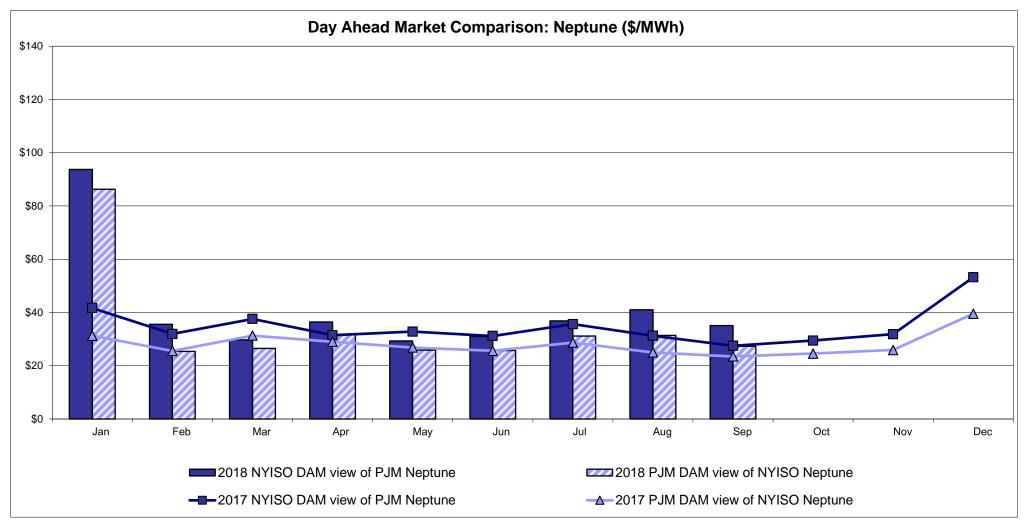
Note:

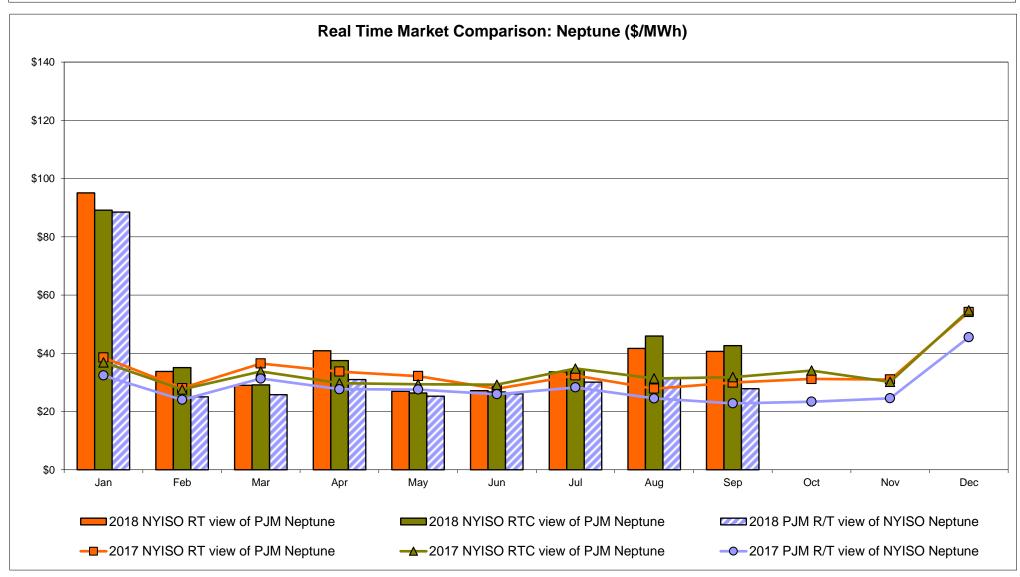
ISO-NE Forecast is an advisory posting @ 18:00 day before.

The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.

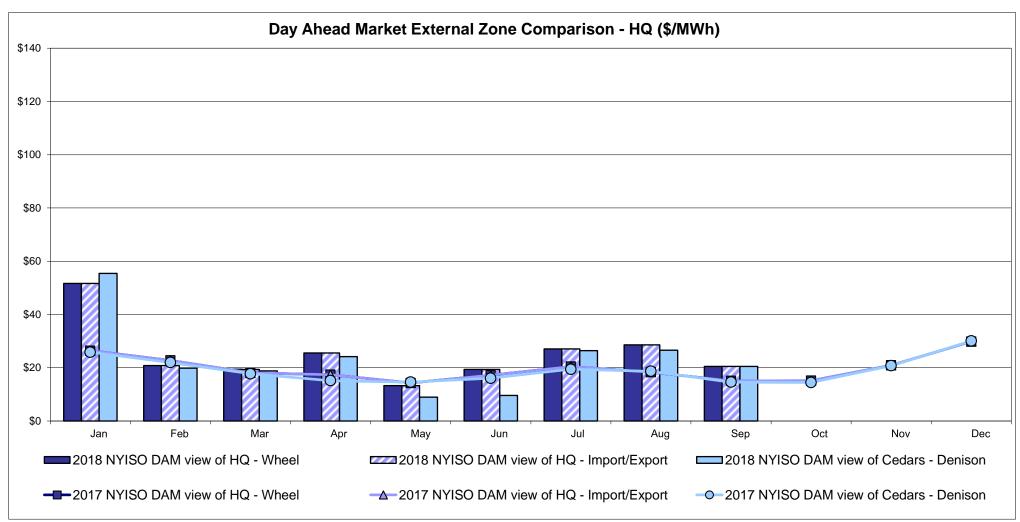
The DAM and R/T prices at the 1385 interface are used for NYISO.

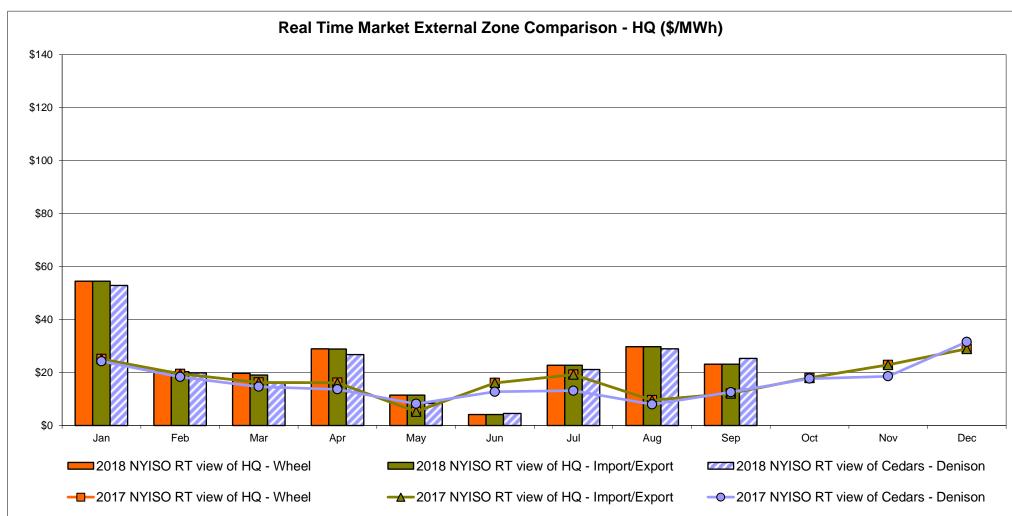
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

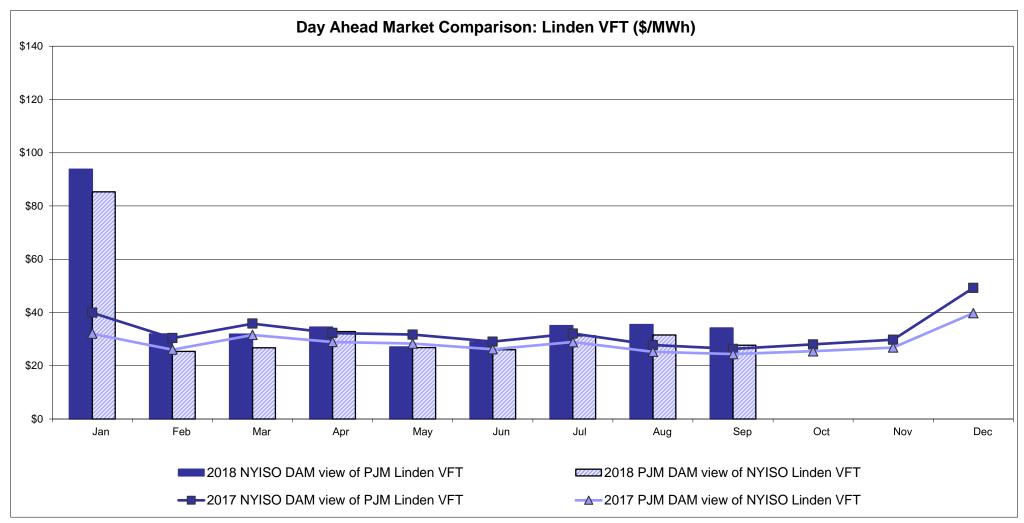


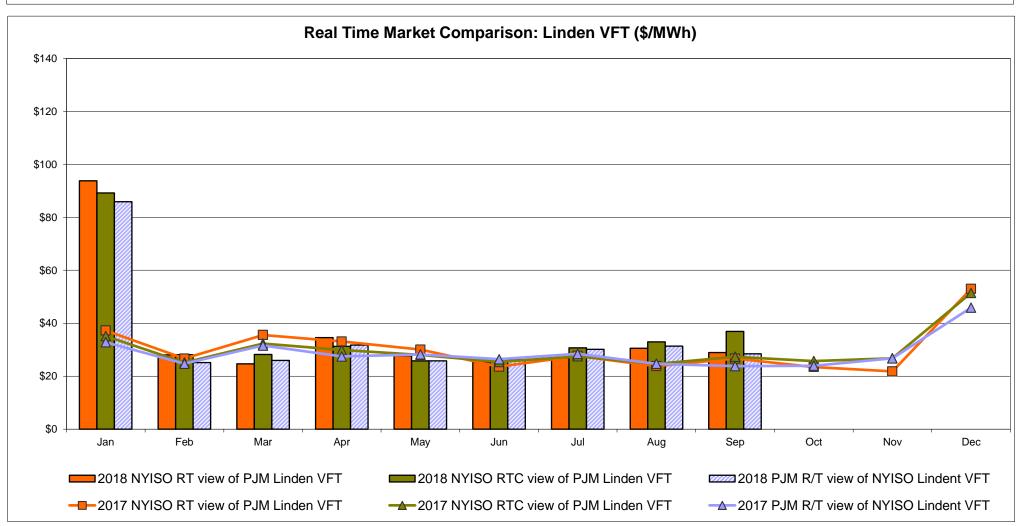


Note

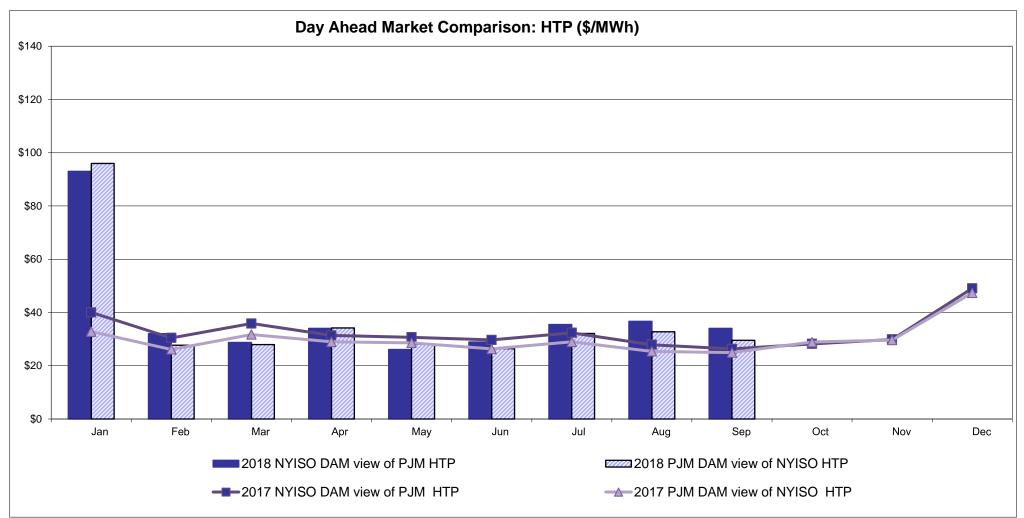
Hydro-Quebec Prices are unavailable.

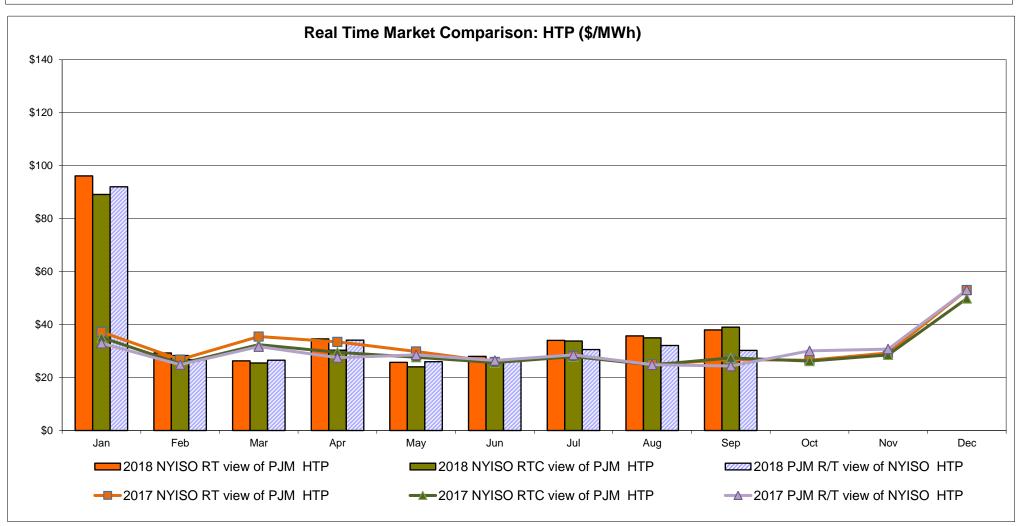
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)

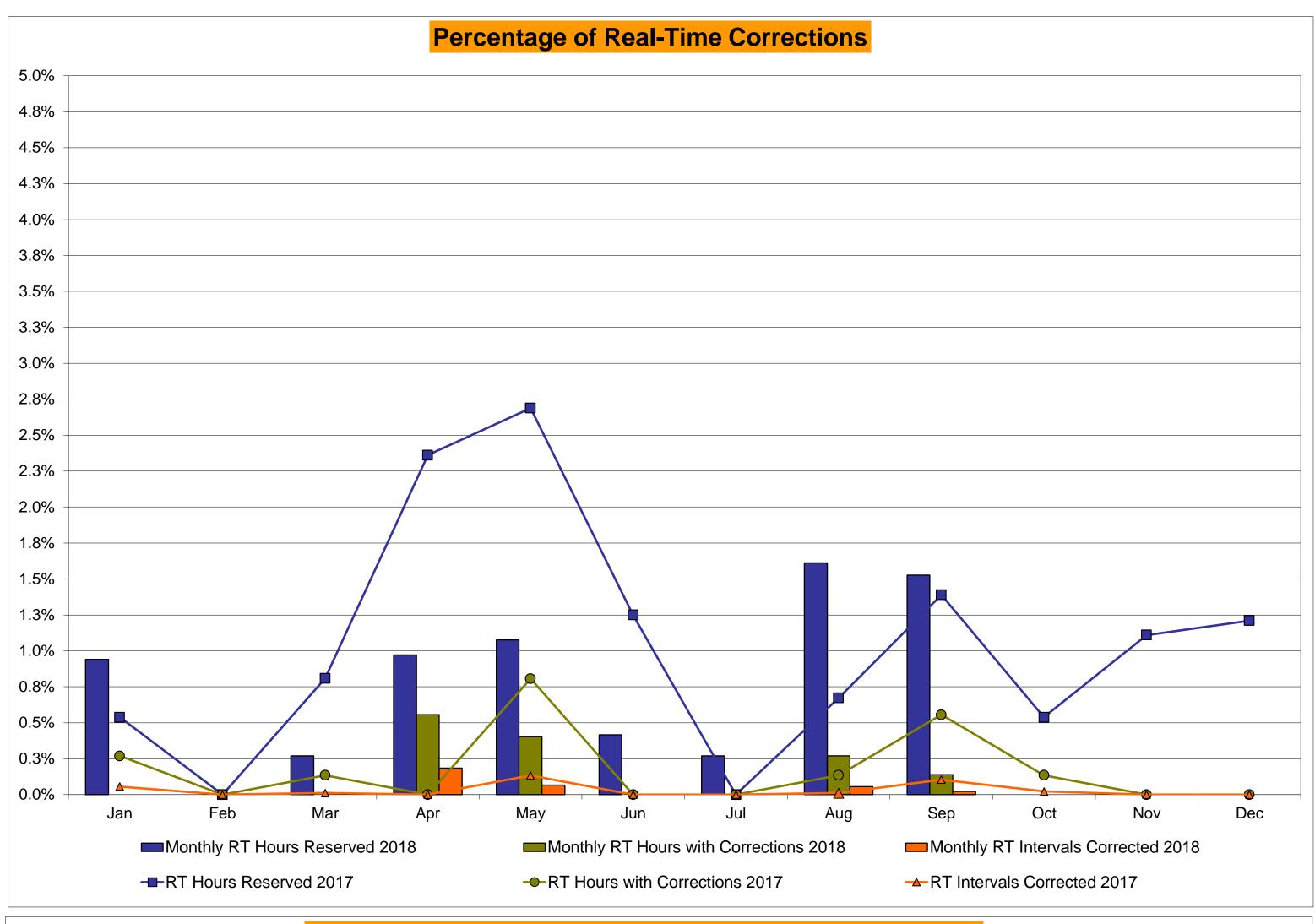


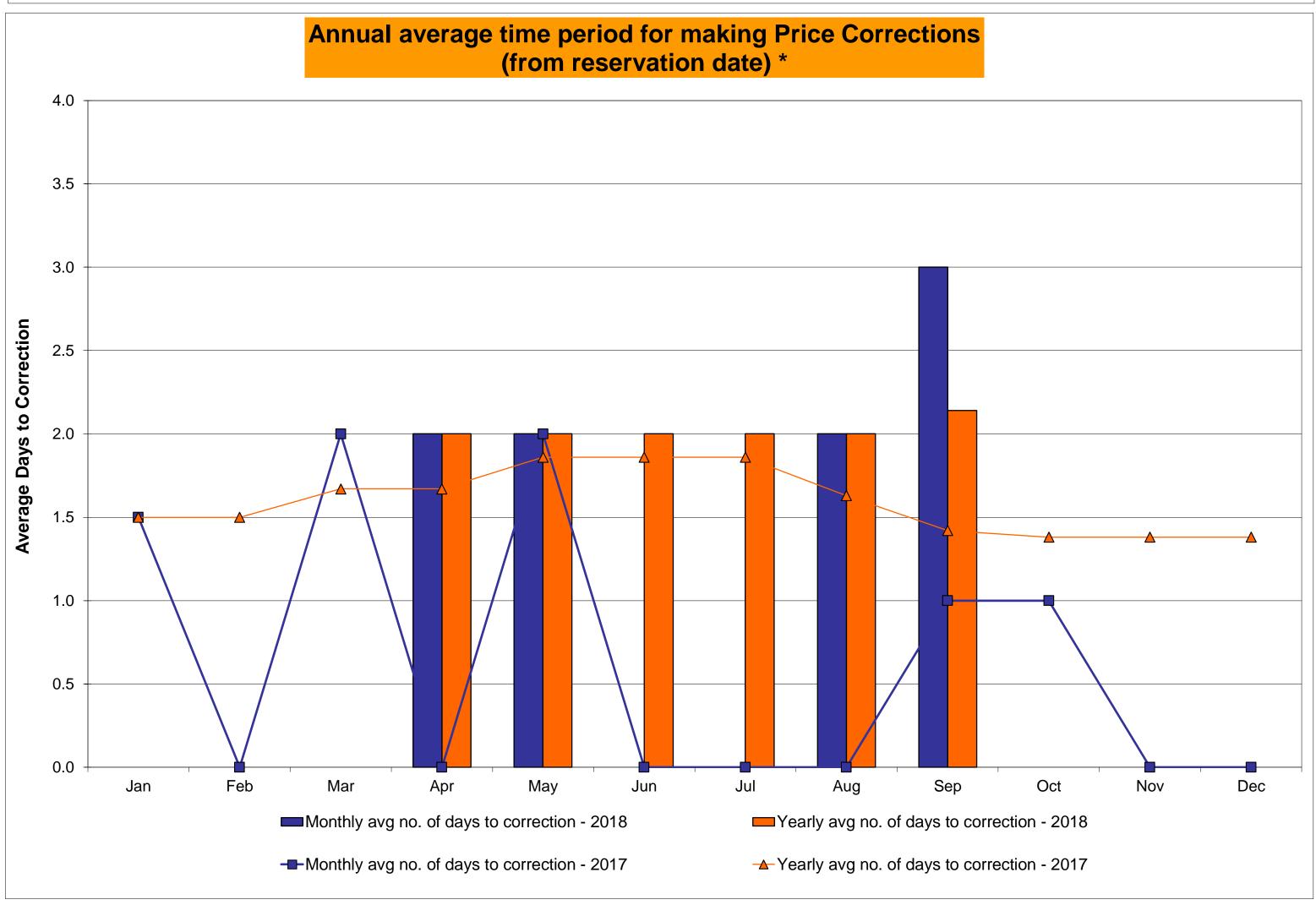


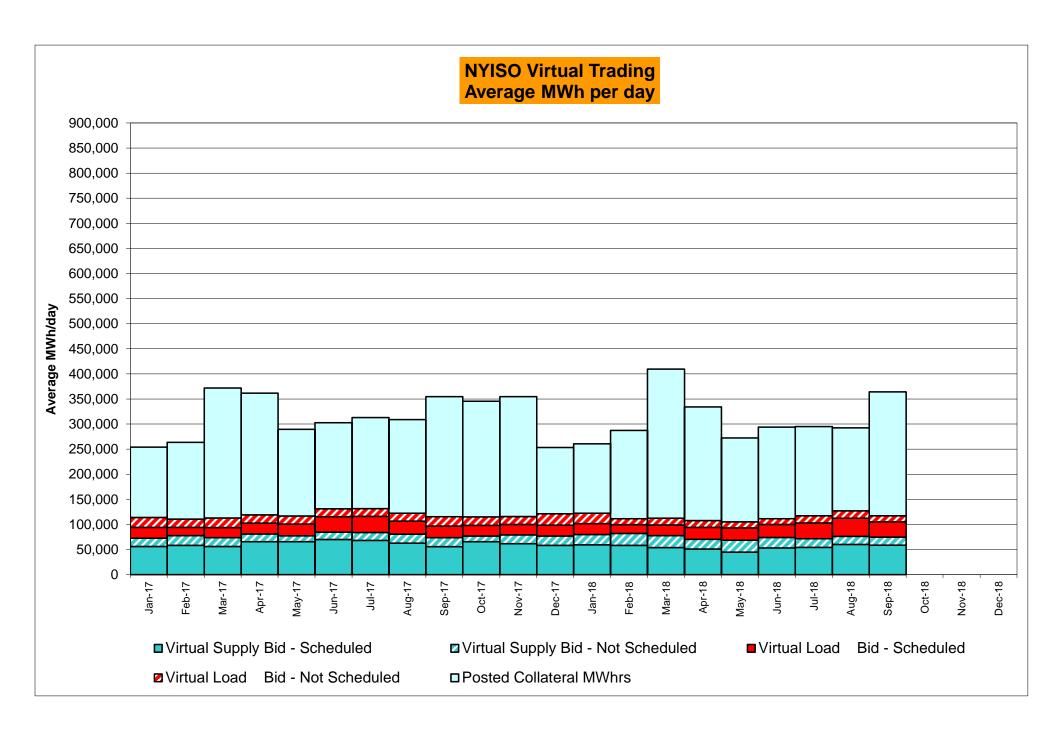
NYISO Real Time Price Correction Statistics

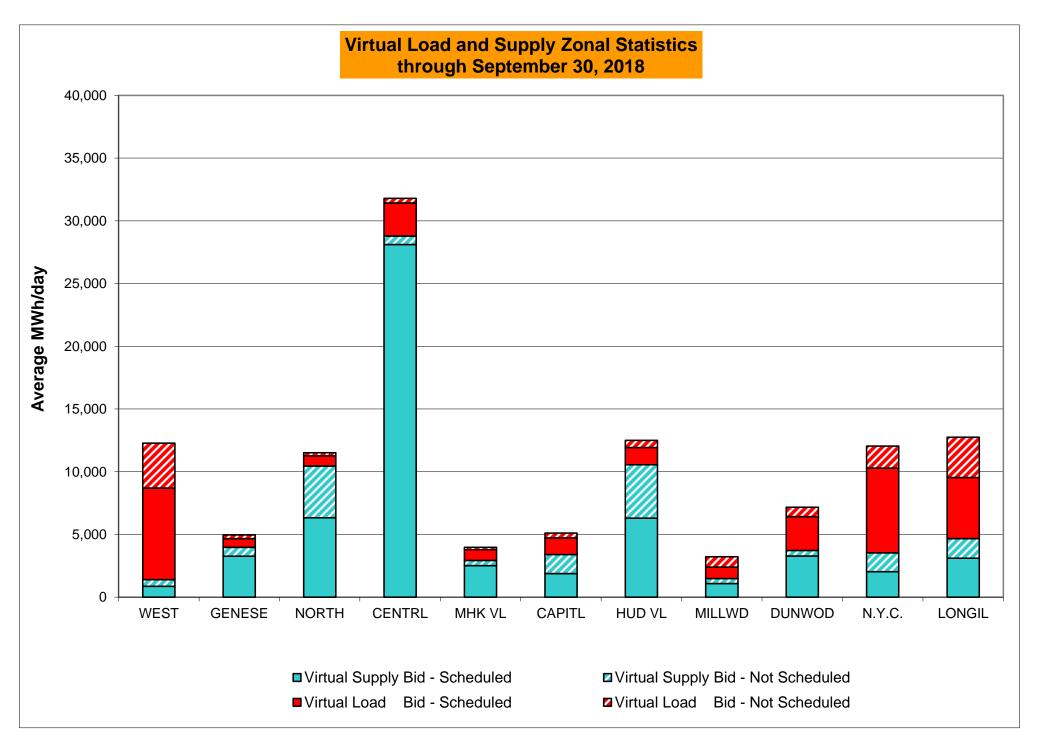
| 2018 Hour Corrections | | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | October | November | <u>December</u> |
|---|--|--|--|--|---|--|--|--|--|---|--|--|--|
| Number of hours with corrections | in the month | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 2 | 1 | | | |
| Number of hours | in the month | 744 | 672 | 743 | 720 | 744 | 720 | 744 | 744 | 720 | | | |
| % of hours with corrections | in the month | 0.00% | 0.00% | 0.00% | 0.56% | 0.40% | 0.00% | 0.00% | 0.27% | 0.14% | | | |
| % of hours with corrections | year-to-date | 0.00% | 0.00% | 0.00% | 0.14% | 0.19% | 0.16% | 0.14% | 0.15% | 0.15% | | | |
| Interval Corrections | year-to-date | 0.0070 | 0.0070 | 0.0070 | 0.1470 | 0.1370 | 0.1070 | 0.1470 | 0.1370 | 0.1370 | | | |
| Number of intervals corrected | in the month | 0 | 0 | 0 | 16 | 6 | 0 | 0 | 5 | 2 | | | |
| Number of intervals | in the month | 9,021 | 8,112 | 9,002 | 8,717 | 9,033 | 8,723 | 9,021 | 9,071 | 8,723 | | | |
| % of intervals corrected | in the month | 0.00% | 0.00% | 0.00% | 0.18% | 0.07% | 0.00% | 0.00% | 0.06% | 0.02% | | | |
| | | | | | | | | | | | | | |
| % of intervals corrected | year-to-date | 0.00% | 0.00% | 0.00% | 0.05% | 0.05% | 0.04% | 0.04% | 0.04% | 0.04% | | | |
| Hours Reserved | | _ | _ | _ | _ | _ | _ | _ | | | | | |
| Number of hours reserved | in the month | 7 | 0 | 2 | 7 | 8 | 3 | 2 | 12 | 11 | | | |
| Number of hours | in the month | 744 | 672 | 743 | 720 | 744 | 720 | 744 | 744 | 720 | | | |
| % of hours reserved | in the month | 0.94% | 0.00% | 0.27% | 0.97% | 1.08% | 0.42% | 0.27% | 1.61% | 1.53% | | | |
| % of hours reserved | year-to-date | 0.94% | 0.49% | 0.42% | 0.56% | 0.66% | 0.62% | 0.57% | 0.70% | 0.79% | | | |
| Days to Correction * | | | | | | | | | | | | | <u>.</u> |
| Avg. number of days to correction | in the month | 0.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 | 2.00 | 3.00 | | | |
| Avg. number of days to correction | year-to-date | 0.00 | 0.00 | 0.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.14 | | | |
| Days Without Corrections | | | | | | | | | | | | | |
| Days without corrections | in the month | 31 | 28 | 31 | 28 | 28 | 30 | 31 | 30 | 29 | | | |
| Days without corrections | year-to-date | 31 | 59 | 90 | 118 | 146 | 176 | 207 | 237 | 266 | | | |
| | | | | | | | | | | | | | |
| <u>2017</u> | | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | August | September | October | November | December |
| 2017 Hour Corrections | | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | May | <u>June</u> | <u>July</u> | <u>August</u> | September | <u>October</u> | November | <u>December</u> |
| | in the month | <u>January</u> 2 | <u>February</u> 0 | March 1 | <u>April</u> 0 | <u>May</u> 6 | <u>June</u> 0 | <u>July</u> 0 | August 1 | September 4 | October 1 | November 0 | <u>December</u> 0 |
| Hour Corrections | in the month in the month | | | <u>March</u> 1 743 | | - | | | <u>August</u> 1 744 | September 4 720 | October 1 744 | | |
| Hour Corrections Number of hours with corrections | | 2 | 0 | 1 | 0 | 6 | 0 | 0 | 1 | 4 | 1 | 0 | 0 |
| Hour Corrections Number of hours with corrections Number of hours | in the month | 2 744 0.27% | 0 672 | 1 743 | 0 720 | 6 744 | 0 720 | 0 744 | 1 744 | 4 720 | 1 744 | 0 721 | 0 744 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections | in the month in the month | 2 744 | 0 672 0.00% | 1 743 0.13% | 0 720 0.00% | 6 744 0.81% | 0 720 0.00% | 0 744 0.00% | 1 744 0.13% | 4 720 0.56% | 1 744 0.13% | 0 721 0.00% | 0 744 |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections | in the month in the month | 2 744 0.27% | 0 672 0.00% | 1 743 0.13% | 0 720 0.00% | 6 744 0.81% | 0 720 0.00% | 0 744 0.00% | 1 744 0.13% | 4 720 0.56% | 1 744 0.13% | 0 721 0.00% | 0 744 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections | in the month in the month year-to-date | 2 744 0.27% 0.27% | 0 672 0.00% 0.14% | 1 743 0.13% | 0 720 0.00% 0.10% | 6 744 0.81% 0.25% | 0 720 0.00% 0.21% | 0 744 0.00% 0.18% | 1 744 0.13% | 4 720 0.56% 0.21% | 1 744 0.13% 0.21% | 0 721 0.00% 0.19% | 0 744 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected | in the month in the month year-to-date in the month | 2 744 0.27% 0.27% | 0 672 0.00% 0.14% | 1 743 0.13% 0.14% | 0 720 0.00% 0.10% | 6 744 0.81% 0.25% | 0 720 0.00% 0.21% | 0 744 0.00% 0.18% | 1 744 0.13% 0.17% | 4 720 0.56% 0.21% | 1 744 0.13% 0.21% | 0 721 0.00% 0.19% | 0 744 0.00% 0.17% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected | in the month in the month year-to-date in the month in the month in the month | 2 744 0.27% 0.27% 5 8,983 0.06% | 0 672 0.00% 0.14% 0 8,101 0.00% | 1 743 0.13% 0.14% 1 9,026 0.01% | 0 720 0.00% 0.10% 0 8,745 0.00% | 6 744 0.81% 0.25% 12 9,004 0.13% | 0 720 0.00% 0.21% 0 8,712 0.00% | 0 744 0.00% 0.18% 0 8,968 0.00% | 1 744 0.13% 0.17% 1 8,980 0.01% | 4 720 0.56% 0.21% 9 8,701 0.10% | 1 744 0.13% 0.21% 2 9,006 0.02% | 0 721 0.00% 0.19% 0 8,712 0.00% | 0 744 0.00% 0.17% 0 9,063 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals | in the month in the month year-to-date in the month in the month | 2 744 0.27% 0.27% 5 8,983 | 0 672 0.00% 0.14% 0 8,101 | 1 743 0.13% 0.14% 1 9,026 | 0 720 0.00% 0.10% 0 8,745 | 6 744 0.81% 0.25% 12 9,004 | 0 720 0.00% 0.21% 0 8,712 | 0 744 0.00% 0.18% 0 8,968 | 1 744 0.13% 0.17% 1 8,980 | 4 720 0.56% 0.21% 9 8,701 | 1 744 0.13% 0.21% 2 9,006 | 0 721 0.00% 0.19% 0 8,712 | 0 744 0.00% 0.17% 0 9,063 |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected | in the month in the month year-to-date in the month in the month in the month | 2 744 0.27% 0.27% 5 8,983 0.06% | 0 672 0.00% 0.14% 0 8,101 0.00% | 1 743 0.13% 0.14% 1 9,026 0.01% 0.02% | 0 720 0.00% 0.10% 0 8,745 0.00% | 6 744 0.81% 0.25% 12 9,004 0.13% 0.04% | 0 720 0.00% 0.21% 0 8,712 0.00% | 0 744 0.00% 0.18% 0 8,968 0.00% 0.03% | 1 744 0.13% 0.17% 1 8,980 0.01% 0.03% | 4 720 0.56% 0.21% 9 8,701 0.10% | 1 744 0.13% 0.21% 2 9,006 0.02% | 0 721 0.00% 0.19% 0 8,712 0.00% 0.03% | 0 744 0.00% 0.17% 0 9,063 0.00% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved | in the month in the month year-to-date in the month in the month in the month year-to-date | 2 744 0.27% 0.27% 5 8,983 0.06% 0.06% | 0 672 0.00% 0.14% 0 8,101 0.00% 0.03% | 1 743 0.13% 0.14% 1 9,026 0.01% | 0 720 0.00% 0.10% 0 8,745 0.00% 0.02% | 6 744 0.81% 0.25% 12 9,004 0.13% | 0 720 0.00% 0.21% 0 8,712 0.00% 0.03% | 0 744 0.00% 0.18% 0 8,968 0.00% | 1 744 0.13% 0.17% 1 8,980 0.01% | 4 720 0.56% 0.21% 9 8,701 0.10% 0.04% | 1 744 0.13% 0.21% 2 9,006 0.02% | 0 721 0.00% 0.19% 0 8,712 0.00% | 0 744 0.00% 0.17% 0 9,063 0.00% |
| Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Wors Reserved Number of hours reserved | in the month in the month year-to-date in the month in the month in the month year-to-date in the month | 2 744 0.27% 0.27% 5 8,983 0.06% 0.06% | 0 672 0.00% 0.14% 0 8,101 0.00% 0.03% | 1 743 0.13% 0.14% 1 9,026 0.01% 0.02% | 0 720 0.00% 0.10% 0 8,745 0.00% 0.02% | 6 744 0.81% 0.25% 12 9,004 0.13% 0.04% | 0 720 0.00% 0.21% 0 8,712 0.00% 0.03% | 0 744 0.00% 0.18% 0 8,968 0.00% 0.03% | 1 744 0.13% 0.17% 1 8,980 0.01% 0.03% | 4 720 0.56% 0.21% 9 8,701 0.10% 0.04% | 1 744 0.13% 0.21% 2 9,006 0.02% 0.03% | 0 721 0.00% 0.19% 0 8,712 0.00% 0.03% | 0 744 0.00% 0.17% 0 9,063 0.00% 0.03% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved | in the month in the month year-to-date in the month in the month in the month year-to-date in the month | 2 744 0.27% 0.27% 5 8,983 0.06% 0.06% 4 744 0.54% | 0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% | 1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% | 0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% | 6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% | 0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% | 0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% | 1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% | 4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% | 1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% | 0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% | 0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 9 744 1.21% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date | 2 744 0.27% 0.27% 5 8,983 0.06% 0.06% | 0 672 0.00% 0.14% 0 8,101 0.00% 0.03% | 1 743 0.13% 0.14% 1 9,026 0.01% 0.02% | 0 720 0.00% 0.10% 0 8,745 0.00% 0.02% | 6 744 0.81% 0.25% 12 9,004 0.13% 0.04% | 0 720 0.00% 0.21% 0 8,712 0.00% 0.03% | 0 744 0.00% 0.18% 0 8,968 0.00% 0.03% | 1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 | 4 720 0.56% 0.21% 9 8,701 0.10% 0.04% | 1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 | 0 721 0.00% 0.19% 0 8,712 0.00% 0.03% | 0 744 0.00% 0.17% 0 9,063 0.00% 0.03% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction * | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date | 2 744 0.27% 0.27% 5 8,983 0.06% 0.06% 4 744 0.54% | 0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28% | 1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46% | 0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94% | 6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30% | 0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29% | 0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10% | 1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05% | 4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08% | 1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03% | 0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04% | 0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 9 744 1.21% 1.05% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Wo of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved More to Correction % of hours reserved Days to Correction Avg. number of days to correction | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month | 2 744 0.27% 0.27% 5 8,983 0.06% 0.06% 4 744 0.54% 0.54% | 0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28% | 1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46% 2.00 | 0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94% | 6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30% | 0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29% | 0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10% | 1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05% | 4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08% | 1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03% | 0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04% | 0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 9 744 1.21% 1.05% |
| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date | 2 744 0.27% 0.27% 5 8,983 0.06% 0.06% 4 744 0.54% | 0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28% | 1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46% | 0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94% | 6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30% | 0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29% | 0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10% | 1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05% | 4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08% | 1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03% | 0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04% | 0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 9 744 1.21% 1.05% |
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| Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction | in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month | 2 744 0.27% 0.27% 5 8,983 0.06% 0.06% 4 744 0.54% 0.54% | 0 672 0.00% 0.14% 0 8,101 0.00% 0.03% 0 672 0.00% 0.28% | 1 743 0.13% 0.14% 1 9,026 0.01% 0.02% 6 743 0.81% 0.46% 2.00 | 0 720 0.00% 0.10% 0 8,745 0.00% 0.02% 17 720 2.36% 0.94% | 6 744 0.81% 0.25% 12 9,004 0.13% 0.04% 20 744 2.69% 1.30% | 0 720 0.00% 0.21% 0 8,712 0.00% 0.03% 9 720 1.25% 1.29% | 0 744 0.00% 0.18% 0 8,968 0.00% 0.03% 0 744 0.00% 1.10% | 1 744 0.13% 0.17% 1 8,980 0.01% 0.03% 5 744 0.67% 1.05% | 4 720 0.56% 0.21% 9 8,701 0.10% 0.04% 10 720 1.39% 1.08% | 1 744 0.13% 0.21% 2 9,006 0.02% 0.03% 4 744 0.54% 1.03% | 0 721 0.00% 0.19% 0 8,712 0.00% 0.03% 8 721 1.11% 1.04% | 0 744 0.00% 0.17% 0 9,063 0.00% 0.03% 9 744 1.21% 1.05% |

^{*}Calendar days from reservation date; for June 2018 forward, business days from market date







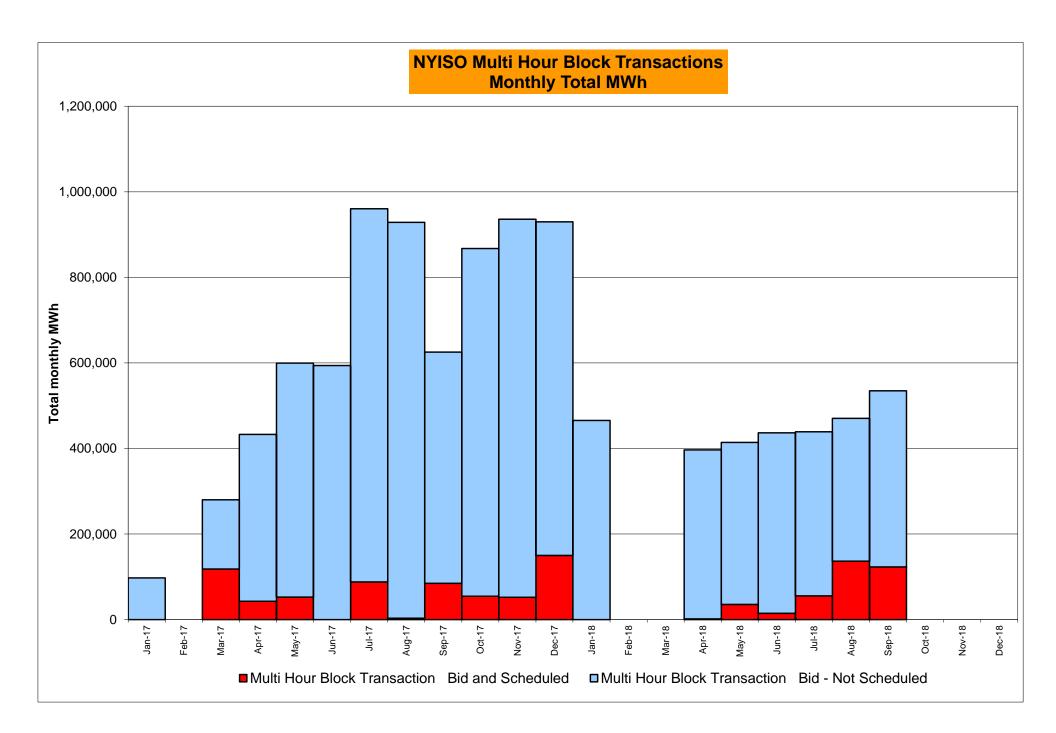


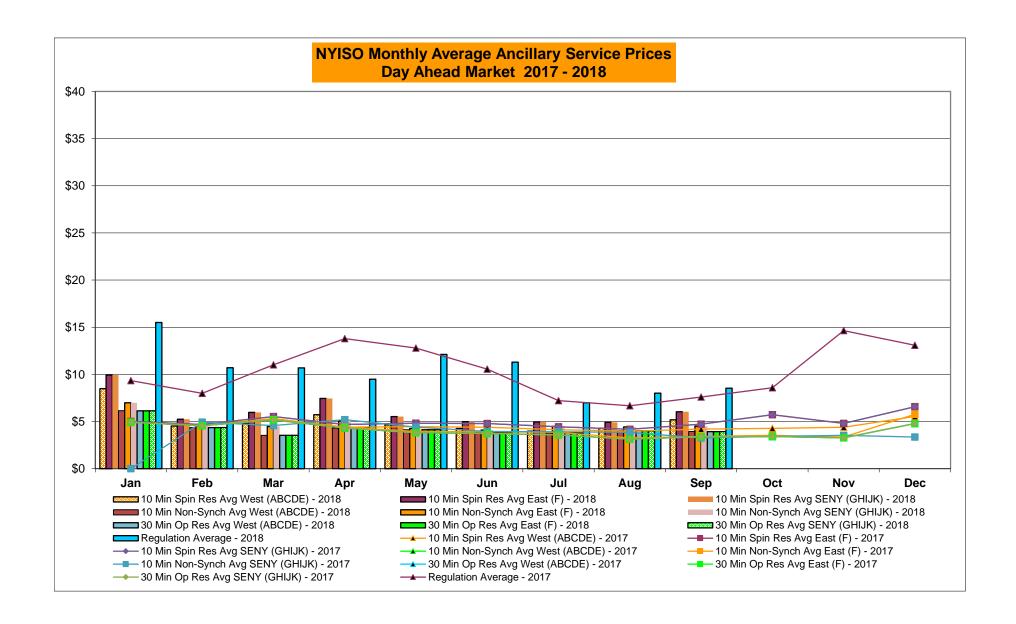
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2018 **Virtual Load Bid** Virtual Load Bid Virtual Load Bid **Virtual Supply Bid Virtual Supply Bid Virtual Supply Bid** Not Not Not Not Not Not Scheduled Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Scheduled Date Scheduled Scheduled Scheduled Zone Zone Zone MHK VL DUNWOD **WEST** Jan-18 4,761 4,241 1,938 427 Jan-18 763 456 2,040 266 Jan-18 1,795 1,509 2,215 620 Feb-18 3,058 1,941 1,478 603 Feb-18 512 130 1,910 269 Feb-18 742 658 5,891 824 Mar-18 7,263 2,535 860 659 Mar-18 569 139 1,896 309 Mar-18 1,367 755 3.530 487 3,433 470 1,047 2,395 333 Apr-18 8,154 926 393 Apr-18 670 173 1,986 Apr-18 1,781 516 3,242 2,052 440 May-18 7,658 4,266 478 May-18 413 95 758 May-18 1,933 183 Jun-18 7,003 4,102 760 681 440 100 3,697 603 Jun-18 2,261 258 2,023 515 Jun-18 Jul-18 6.144 4,151 894 795 Jul-18 740 152 3,340 393 Jul-18 3,884 685 2,764 566 Aug-18 7,058 1,826 720 714 253 4,756 1,343 2,720 997 3,301 Aug-18 3,007 293 <u>Aug-18</u> Sep-18 7,300 3,587 869 527 Sep-18 863 185 2,513 411 Sep-18 2,694 742 3,280 448 Oct-18 Oct-18 Oct-18 Nov-18 Nov-18 Nov-18 Dec-18 Dec-18 Dec-18 GENESE 3,772 CAPITL N.Y.C. Jan-18 554 310 2,739 Jan-18 2,291 1,751 1,887 2,212 Jan-18 4,302 5,885 1,359 704 1.086 Feb-18 525 172 1.723 2.671 Feb-18 1.822 269 1,331 2.799 Feb-18 5.644 4,187 1.181 Mar-18 537 143 2,488 Mar-18 Mar-18 2,346 1,285 1,381 1,731 156 1,330 2,851 4,931 1,727 Apr-18 3,190 Apr-18 587 234 1,047 263 2,032 2,212 1,818 Apr-18 1,743 1,826 2,460 1,376 May-18 405 123 2,353 649 May-18 911 95 1,430 1,303 May-18 5,464 3,912 1,152 1,476 Jun-18 389 100 2,222 563 Jun-18 812 112 1,818 1,336 Jun-18 6,786 2,924 2,210 1.888 Jul-18 476 123 2,913 1,062 Jul-18 869 219 2,818 1,381 Jul-18 9,126 3,514 3,011 1,420 269 3,509 Aug-18 535 2,994 1,264 1,361 242 1,578 Aug-18 11,778 3,421 2,802 1,494 Aug-18 Sep-18 684 294 3,261 716 Sep-18 1,328 373 1,878 1,521 Sep-18 6,762 1,754 2,029 1,501 Oct-18 Oct-18 Oct-18 Nov-18 Nov-18 Nov-18 Dec-18 Dec-18 Dec-18 NORTH 8.259 HUD VL 1,562 5,029 LONGIL Jan-18 274 282 3,265 1.285 7.218 Jan-18 3,335 3.714 1.932 1.622 Jan-18 Feb-18 352 369 7,449 2,777 2,591 3,061 2,605 Feb-18 888 740 4,703 8,761 Feb-18 2,800 Mar-18 249 367 6,995 2,136 Mar-18 845 1,098 5,169 10,837 Mar-18 3,613 3,021 3,308 1,768 7,479 2,505 Apr-18 189 269 1,848 Apr-18 639 973 5,990 9,863 Apr-18 4,649 3,620 1,620 215 4,717 773 11,304 5,128 2,420 1,436 2,03 May-18 79 6,001 May-18 539 3,727 May-18 Jun-18 Jun-18 514 317 5,178 3,657 1,408 573 4,144 8,407 Jun-18 4,621 2,235 1,618 2,440 Jul-18 428 423 5,684 2,542 Jul-18 2,796 550 3,087 5,200 Jul-18 4,610 3,179 1,278 2,775 Aug-18 578 340 5,639 2,650 Aug-18 2.088 476 7,039 4.344 Aug-18 4,112 3,156 3,475 1,715 Sep-18 815 247 6,331 4,123 Sep-18 1,364 576 6,306 4,253 Sep-18 4,881 3,205 3,104 1,556 Oct-18 Oct-18 Oct-18 Nov-18 Nov-18 Nov-18 Dec-18 Dec-18 Dec-18 CENTRL Jan-18 983 434 28,975 647 MILLWD Jan-18 923 988 2,033 757 **NYISO** Jan-18 21,542 20,854 59,437 20,478 Feb-18 595 215 28,161 483 486 337 1,284 1,197 Feb-18 17,423 11,608 58,172 24,075 Feb-18 Mar-18 1,977 208 26,643 Mar-18 720 141 1,144 421 Mar-18 21,217 13,494 53,984 23,855 614 Apr-18 1,753 334 22,490 677 Apr-18 466 526 1.031 163 Apr-18 23,821 13.330 50.864 19.61 May-18 1,033 221 21,769 470 790 140 1,050 188 May-18 24,723 12,074 44,726 23,814 May-18 Jun-18 730 164 28,504 501 Jun-18 938 302 1,223 234 Jun-18 25,903 11,189 53,397 20,825 1,093 273 27,687 1,193 358 31,359 Jul-18 534 Jul-18 1,051 940 Jul-18 14,319 54,416 17,027 Aug-18 1,911 408 26,279 566 Aug-18 1,112 1,580 916 520 Aug-18 36,003 14,790 60,205 16,141 Sep-18 Sep-18 2,648 356 28,114 671 Sep-18 912 813 1,087 403 30,252 12,132 58,770 16,130 Oct-18 Oct-18 Oct-18 Nov-18 Nov-18 Nov-18

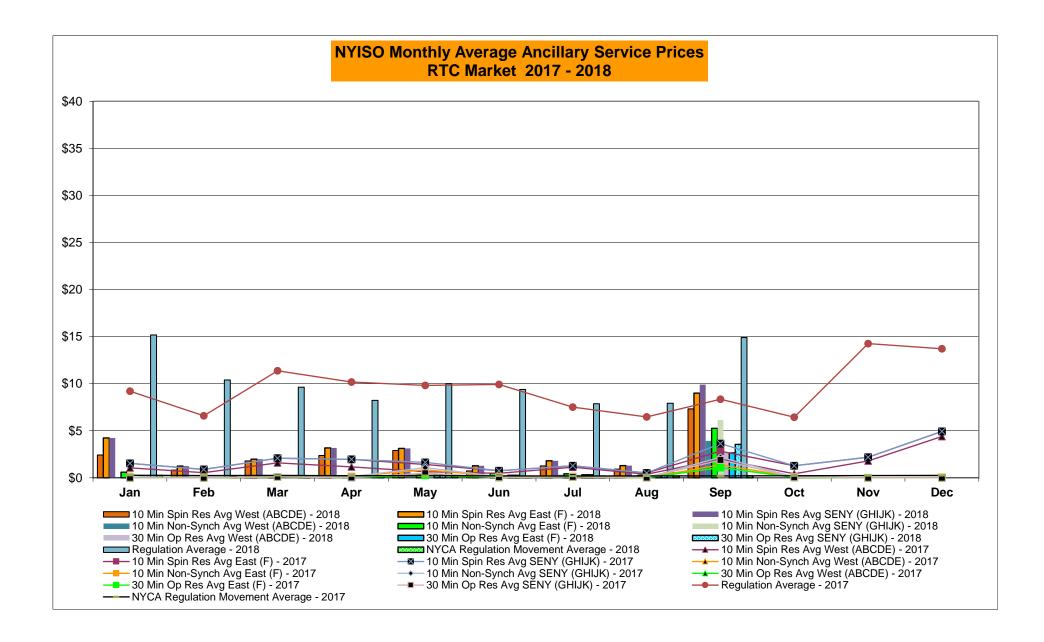
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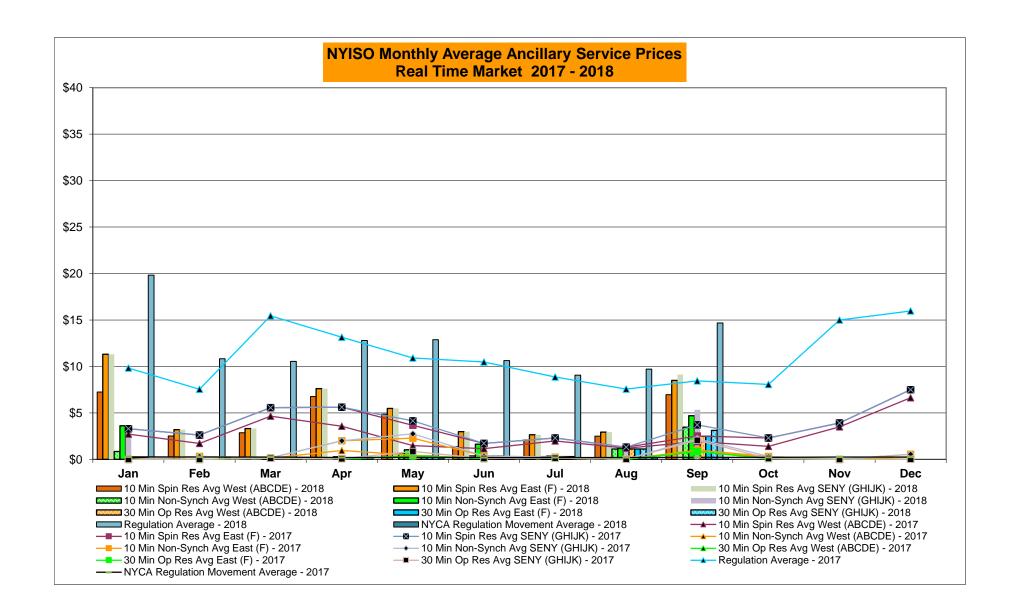
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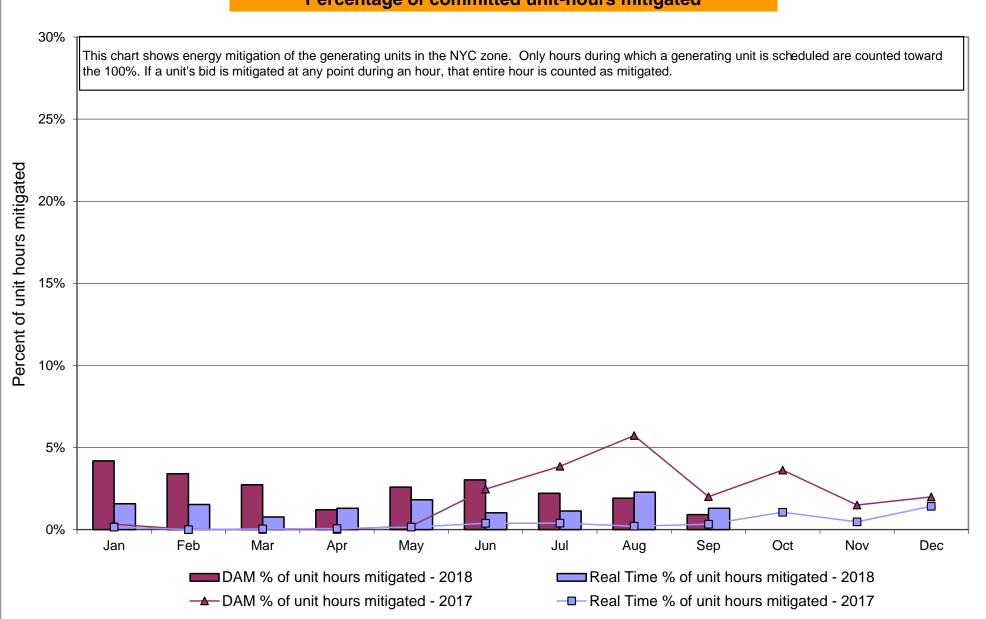


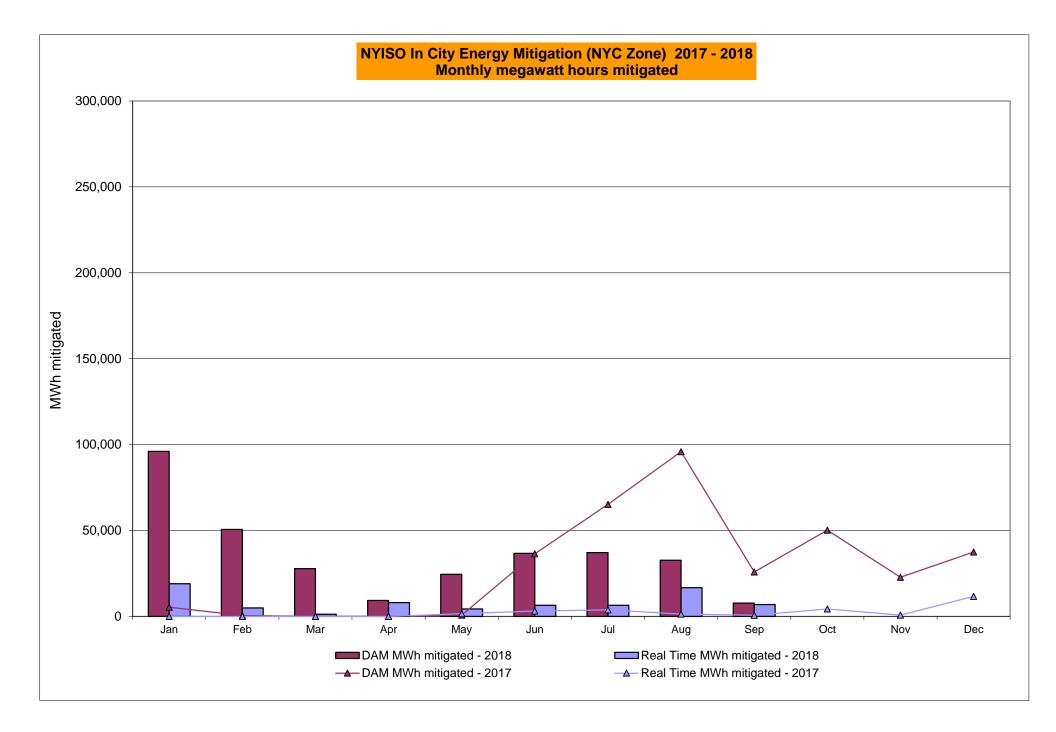


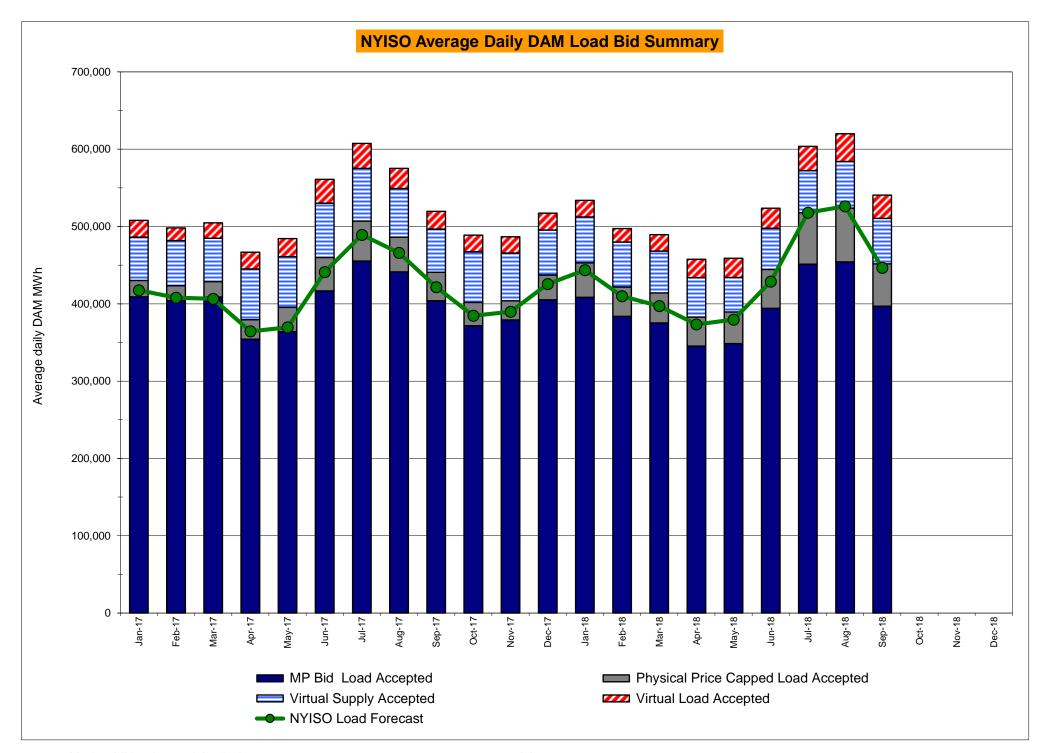
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

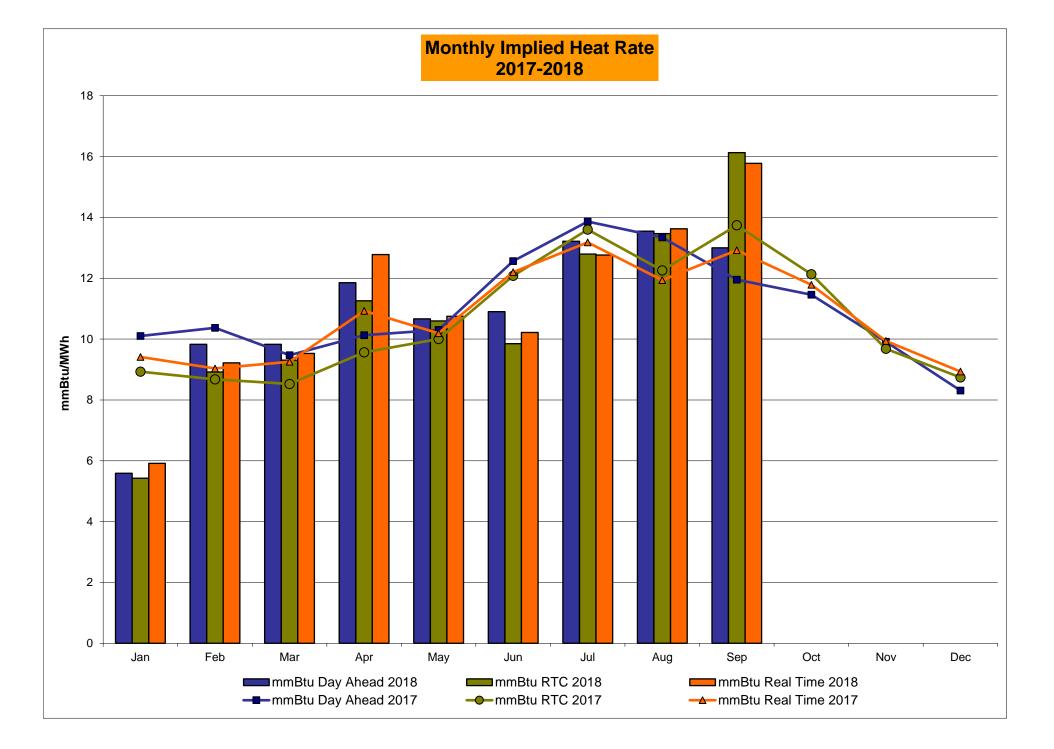
| | <u>N 130 IV</u> | iarkets A | nciliary S | services . | Statistic | s - Unwe | <u>igntea F</u> | 711CE (\$/ | | | | |
|---|--|--|---|---|--|--|---|---|--|--|--|---|
| <u>2018</u> | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | October | <u>November</u> | <u>December</u> |
| Day Ahead Market | <u> </u> | <u> </u> | <u></u> | <u>p</u> | <u></u> | <u> </u> | <u> </u> | <u>g</u> | <u> </u> | | | |
| 10 Min Spin SENY (GHIJK) | 9.93 | 5.24 | 5.97 | 7.45 | 5.52 | 4.98 | 4.95 | 4.91 | 6.04 | | | |
| 10 Min Spin East (F) | 9.93 | 5.24 | 5.97 | 7.45 | 5.52 | 4.98 | 4.95 | 4.91 | 6.04 | | | |
| 10 Min Spin West (ABCDE) | 8.49 | 4.53 | 4.78 | 5.73 | 4.65 | 4.26 | 3.98 | 4.30 | 5.18 | | | |
| 10 Min Non Synch SENY (GHIJK) | 6.99 | 4.54 | 4.48 | 5.05 | 4.26 | 4.09 | 4.49 | 4.43 | 4.51 | | | |
| 10 Min Non Synch East (F) | 6.99 | 4.54 | 4.48 | 5.05 | 4.26 | 4.09 | 4.49 | 4.43 | 4.51 | | | |
| 10 Min Non Synch West (ABCDE) | 6.15 | 4.36 | 3.54 | 4.31 | 4.13 | 3.85 | 3.80 | 4.03 | 3.95 | | | |
| 30 Min SENY (GHIJK) | 6.14 | 4.36 | 3.54 | 4.31 | 4.13 | 3.85 | 3.79 | 4.02 | 3.94 | | | |
| 30 Min East (F) | 6.14 | 4.36 | 3.54 | 4.31 | 4.13 | 3.85 | 3.79 | 4.02 | 3.94 | | | |
| 30 Min West (ABCDE) | 6.14 | 4.36 | 3.54 | 4.31 | 4.13 | 3.85 | 3.79 | 4.02 | 3.94 | | | |
| Regulation | 15.51 | 10.70 | 10.68 | 9.49 | 12.11 | 11.30 | 6.99 | 8.00 | 8.54 | | | |
| • | 10.01 | 10.70 | 10.00 | 0.40 | 12.11 | 11.00 | 0.00 | 0.00 | 0.04 | | | |
| RTC Market | | | | | | | | | | | | |
| 10 Min Spin SENY (GHIJK) | 4.23 | 1.24 | 1.98 | 3.17 | 3.13 | 1.28 | 1.81 | 1.29 | 9.90 | | | |
| 10 Min Spin East (F) | 4.23 | 1.24 | 1.98 | 3.17 | 3.13 | 1.28 | 1.81 | 1.29 | 9.00 | | | |
| 10 Min Spin West (ABCDE) | 2.43 | 0.82 | 1.79 | 2.38 | 2.91 | 0.74 | 1.27 | 0.93 | 7.33 | | | |
| 10 Min Non Synch SENY (GHIJK) | 0.59 | 0.03 | 0.01 | 0.22 | 0.42 | 0.49 | 0.42 | 0.27 | 6.14 | | | |
| 10 Min Non Synch East (F) | 0.59 | 0.03 | 0.01 | 0.22 | 0.42 | 0.49 | 0.42 | 0.27 | 5.25 | | | |
| 10 Min Non Synch West (ABCDE) | 0.08 | 0.02 | 0.00 | 0.00 | 0.33 | 0.27 | 0.33 | 0.25 | 3.92 | | | |
| 30 Min SENY (GHIJK) | 0.08 | 0.02 | 0.00 | 0.00 | 0.32 | 0.27 | 0.33 | 0.25 | 3.55 | | | |
| 30 Min East (F) | 0.08 | 0.02 | 0.00 | 0.00 | 0.32 | 0.27 | 0.33 | 0.25 | 2.65 | | | |
| 30 Min West (ABCDE) | 0.08 | 0.02 | 0.00 | 0.00 | 0.32 | 0.27 | 0.33 | 0.25 | 2.65 | | | |
| Regulation | 15.17 | 10.40 | 9.63 | 8.22 | 10.01 | 9.39 | 7.87 | 7.92 | 14.90 | | | |
| NYCA Regulation Movement | 0.26 | 0.21 | 0.20 | 0.22 | 0.19 | 0.16 | 0.19 | 0.19 | 0.20 | | | |
| _ | 0.20 | 0.21 | 0.20 | 0.22 | 0.10 | 0.10 | 0.10 | 0.10 | 0.20 | | | |
| Real Time Market | | | | | | | | | | | | |
| 10 Min Spin SENY (GHIJK) | 11.31 | 3.19 | 3.31 | 7.62 | 5.48 | 2.98 | 2.65 | 2.93 | 9.13 | | | |
| 10 Min Spin East (F) | 11.31 | 3.19 | 3.31 | 7.62 | 5.48 | 2.98 | 2.65 | 2.93 | 8.50 | | | |
| 10 Min Spin West (ABCDE) | 7.24 | 2.52 | 2.86 | 6.77 | 4.86 | 1.37 | 2.10 | 2.50 | 6.96 | | | |
| 10 Min Non Synch SENY (GHIJK) | 3.61 | 0.01 | 0.19 | 0.28 | 1.03 | 1.63 | 0.35 | 1.16 | 5.33 | | | |
| 10 Min Non Synch East (F) | 3.61 | 0.01 | 0.19 | 0.28 | 1.03 | 1.63 | 0.35 | 1.16 | 4.70 | | | |
| 10 Min Non Synch West (ABCDE) | 0.85 | 0.00 | 0.00 | 0.00 | 0.57 | 0.37 | 0.29 | 1.12 | 3.47 | | | |
| 30 Min SENY (GHIJK) | 0.13 | 0.00 | 0.00 | 0.00 | 0.37 | 0.37 | 0.29 | 1.12 | 3.11 | | | |
| 30 Min East (F) | 0.13 | 0.00 | 0.00 | 0.00 | 0.37 | 0.37 | 0.29 | 1.12 | 2.48 | | | |
| 30 Min West (ABCDE) | 0.13 | 0.00 | 0.00 | 0.00 | 0.37 | 0.37 | 0.29 | 1.12 | 2.48 | | | |
| Regulation | 19.82 | 10.82 | 10.54 | 12.80 | 12.88 | 10.62 | 9.06 | 9.71 | 14.67 | | | |
| NYCA Regulation Movement | 0.24 | 0.21 | 0.20 | 0.21 | 0.17 | 0.15 | 0.18 | 0.18 | 0.20 | | | |
| | | | | | | | | | | | | |
| 111 67 thogalation movement | 0.2 | 0.21 | 0.20 | 0.21 | 0 | 0.10 | 0.10 | 0.10 | 0.20 | | | |
| • | | | | | | | | | | October | November | December |
| <u>2017</u> | <u>January</u> | <u>February</u> | March | <u>April</u> | <u>May</u> | <u>June</u> | July | August | <u>September</u> | <u>October</u> | November | December |
| 2017 Day Ahead Market | <u>January</u> | <u>February</u> | <u>March</u> | <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>August</u> | <u>September</u> | | | |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) | <u>January</u> 5.01 | February 5.38 | <u>March</u> 5.04 | <u>April</u> 6.31 | <u>May</u> 4.93 | <u>June</u> 4.62 | <u>July</u> 6.41 | <u>August</u> 7.12 | September 5.57 | 5.37 | 4.83 | 4.89 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) | <u>January</u> 5.01 5.01 | <u>February</u> 5.38 5.38 | <u>March</u> 5.04 5.04 | <u>April</u> 6.31 6.31 | <u>May</u> 4.93 4.93 | <u>June</u> 4.62 4.62 | <u>July</u> 6.41 6.41 | August 7.12 7.12 | <u>September</u> 5.57 5.57 | 5.37 5.37 | 4.83 4.83 | 4.89 4.89 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) | <u>January</u> 5.01 5.01 4.94 | February 5.38 5.38 5.25 | <u>March</u> 5.04 5.04 4.84 | <u>April</u> 6.31 6.31 5.60 | May 4.93 4.93 4.77 | June 4.62 4.62 4.52 | <u>July</u> 6.41 6.41 5.78 | August 7.12 7.12 6.20 | <u>September</u> 5.57 5.57 5.14 | 5.37 5.37 4.89 | 4.83 4.83 4.50 | 4.89 4.89 4.73 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) | <u>January</u> 5.01 5.01 4.94 4.94 | 5.38 5.38 5.25 5.25 | 5.04 5.04 4.84 4.88 | <u>April</u> 6.31 6.31 5.60 5.80 | May 4.93 4.93 4.77 4.83 | June 4.62 4.62 4.52 4.36 | July 6.41 6.41 5.78 6.34 | 7.12 7.12 6.20 7.07 | <u>September</u> 5.57 5.57 5.14 5.52 | 5.37 5.37 4.89 5.09 | 4.83 4.83 4.50 4.43 | 4.89 4.89 4.73 4.49 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) | January 5.01 5.01 4.94 4.94 4.94 | 5.38 5.38 5.25 5.25 5.25 | 5.04 5.04 4.84 4.88 4.88 | April 6.31 6.31 5.60 5.80 5.80 | May 4.93 4.93 4.77 4.83 4.83 | June 4.62 4.62 4.52 4.36 4.36 | July 6.41 6.41 5.78 6.34 6.34 | 7.12 7.12 7.12 6.20 7.07 7.07 | 5.57 5.57 5.14 5.52 5.52 | 5.37 5.37 4.89 5.09 5.09 | 4.83 4.83 4.50 4.43 4.43 | 4.89 4.89 4.73 4.49 4.49 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) | January 5.01 5.01 4.94 4.94 4.94 4.92 | 5.38 5.38 5.25 5.25 5.25 5.25 5.25 | 5.04 5.04 4.84 4.88 4.88 4.88 | April 6.31 6.31 5.60 5.80 5.80 5.58 | May 4.93 4.93 4.77 4.83 4.83 4.68 | June 4.62 4.62 4.52 4.36 4.36 4.32 | July 6.41 6.41 5.78 6.34 6.34 5.72 | 7.12 7.12 6.20 7.07 7.07 6.15 | 5.57 5.57 5.14 5.52 5.52 5.10 | 5.37 5.37 4.89 5.09 5.09 4.82 | 4.83 4.83 4.50 4.43 4.43 4.39 | 4.89 4.89 4.73 4.49 4.49 4.43 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) | January 5.01 5.01 4.94 4.94 4.92 4.92 | 5.38 5.38 5.25 5.25 5.25 5.25 5.20 5.20 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 | April 6.31 6.31 5.60 5.80 5.80 5.58 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 | 5.57 5.57 5.14 5.52 5.52 5.10 5.10 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 | 4.89 4.89 4.73 4.49 4.43 4.43 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) | January 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) | 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 4.32 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 4.39 | 4.89 4.89 4.73 4.49 4.49 4.43 4.43 4.43 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation | January 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 9.34 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 4.32 7.00 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 8.19 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 | 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 | 4.89 4.89 4.73 4.49 4.49 4.43 4.43 4.43 13.80 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 7.93 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market | January 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 7.93 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 7.26 6.88 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 0.99 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 7.93 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) | January 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 7.93 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 0.99 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 4.92 9.34 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.23 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 2.79 2.77 1.72 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 6.15 7.26 6.88 4.80 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 9.57 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.23 0.05 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 9.57 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 0.99 0.29 0.09 0.09 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 |
| 2017 Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch East (F) | 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.17 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.04 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 9.57 0.99 0.99 0.29 0.09 0.09 0.09 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.07 0.00 0.00 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.04 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.16 0.15 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.29 0.09 0.09 0.08 0.08 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min East (F) | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.04 0.02 0.02 0.02 0.02 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.16 0.15 0.15 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 9.57 0.99 0.99 0.29 0.09 0.09 0.08 0.08 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 0.00 9.21 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 5.43 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 6.09 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 | 7.12 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.16 0.15 0.15 0.15 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.29 0.09 0.09 0.08 0.08 0.08 0.08 6.86 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 7.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) Regulation NYCA Regulation Movement | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.04 0.02 0.02 0.02 0.02 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.16 0.15 0.15 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 9.57 0.99 0.99 0.29 0.09 0.09 0.08 0.08 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) Regulation NYCA Regulation Movement Real Time Market | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 0.00 9.21 0.27 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 0.20 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 5.43 0.25 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.16 0.15 0.15 5.52 0.24 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.09 0.09 0.09 0.08 0.08 0.08 0.08 6.86 0.26 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 7.00 0.24 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 0.00 9.21 0.27 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 0.20 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 5.43 0.25 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.15 0.15 0.15 5.52 0.24 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 6.86 0.26 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 0.00 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 0.20 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 5.43 0.25 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.04 0.02 0.02 6.09 0.23 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 8.04 7.68 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.16 0.15 0.15 5.52 0.24 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 1.96 1.96 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 0.00 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 0.20 1.73 1.73 0.48 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 5.43 0.25 1.19 1.19 0.79 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 8.04 7.68 4.72 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.16 0.15 0.15 0.15 5.52 0.24 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 1.96 1.96 1.16 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 0.00 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 0.20 1.73 1.73 0.48 0.22 | April 6.31 6.31 5.60 5.80 5.58 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 5.43 0.25 1.19 1.19 0.79 0.06 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 3.49 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 8.04 7.68 4.72 6.70 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.16 0.15 0.15 5.52 0.24 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.09 0.09 0.09 0.08 0.08 0.08 0.08 6.86 0.26 1.96 1.16 0.18 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Spin West (ABCDE) | 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 0.00 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 0.20 1.73 1.73 0.48 0.22 0.22 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 0.04 5.43 0.25 1.19 1.19 0.79 0.06 0.06 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 3.49 3.48 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 8.04 7.68 4.72 6.70 6.34 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.30 0.21 0.21 0.16 0.15 0.15 0.15 5.52 0.24 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 6.86 0.26 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
| Day Ahead Market 10 Min Spin SENY (GHIJK) 10 Min Spin East (F) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation RTC Market 10 Min Spin SENY (GHIJK) 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch East (F) 10 Min Non Synch West (ABCDE) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min SENY (GHIJK) 30 Min East (F) 30 Min West (ABCDE) Regulation NYCA Regulation Movement Real Time Market 10 Min Spin SENY (GHIJK) 10 Min Spin West (ABCDE) 10 Min Non Synch SENY (GHIJK) 10 Min Non Synch SENY (GHIJK) | 5.01 5.01 4.94 4.94 4.94 4.92 4.92 4.92 4.92 9.34 1.53 1.53 1.06 0.06 0.06 0.00 0.00 0.00 0.00 0.00 | 5.38 5.38 5.25 5.25 5.25 5.20 5.20 5.20 5.20 8.19 0.59 0.59 0.26 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 5.04 5.04 4.84 4.88 4.88 4.84 4.84 4.84 8.05 0.71 0.71 0.08 0.17 0.17 0.00 0.00 0.00 0.00 7.15 0.20 1.73 1.73 0.48 0.22 0.22 0.00 | April 6.31 6.31 5.60 5.80 5.80 5.58 5.58 5.58 7.93 1.81 1.81 0.95 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 | May 4.93 4.93 4.77 4.83 4.68 4.67 4.67 6.11 0.43 0.43 0.23 0.05 0.05 0.04 0.04 0.04 0.04 5.43 0.25 1.19 1.19 0.79 0.06 0.06 0.03 | June 4.62 4.62 4.52 4.36 4.36 4.32 4.32 4.32 7.00 0.49 0.46 0.24 0.05 0.02 0.02 0.02 0.02 0.02 0.02 0.02 | July 6.41 6.41 5.78 6.34 6.34 5.72 5.70 5.70 5.70 8.19 2.79 2.77 1.72 1.89 1.87 1.18 0.94 0.93 0.93 7.51 0.23 4.73 4.72 2.51 3.49 3.48 1.65 | 7.12 7.12 6.20 7.07 7.07 6.15 6.15 6.15 8.61 7.26 6.88 4.80 6.06 5.67 3.80 3.65 3.27 3.27 10.25 0.24 8.04 7.68 4.72 6.70 6.34 3.56 | 5.57 5.57 5.57 5.14 5.52 5.52 5.10 5.10 5.10 7.00 0.61 0.61 0.30 0.21 0.21 0.15 0.15 0.15 5.52 0.24 1.59 1.59 0.90 0.59 0.21 | 5.37 5.37 4.89 5.09 5.09 4.82 4.82 4.82 4.82 4.82 8.57 0.99 0.99 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 1.96 1.16 0.18 0.18 0.11 | 4.83 4.83 4.50 4.43 4.43 4.39 4.39 4.39 7.77 1.05 1.05 0.82 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 4.89 4.89 4.73 4.49 4.43 4.43 4.43 13.80 1.92 1.92 1.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00 |
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NYISO In City Energy Mitigation - AMP (NYC Zone) 2017 - 2018 Percentage of committed unit-hours mitigated

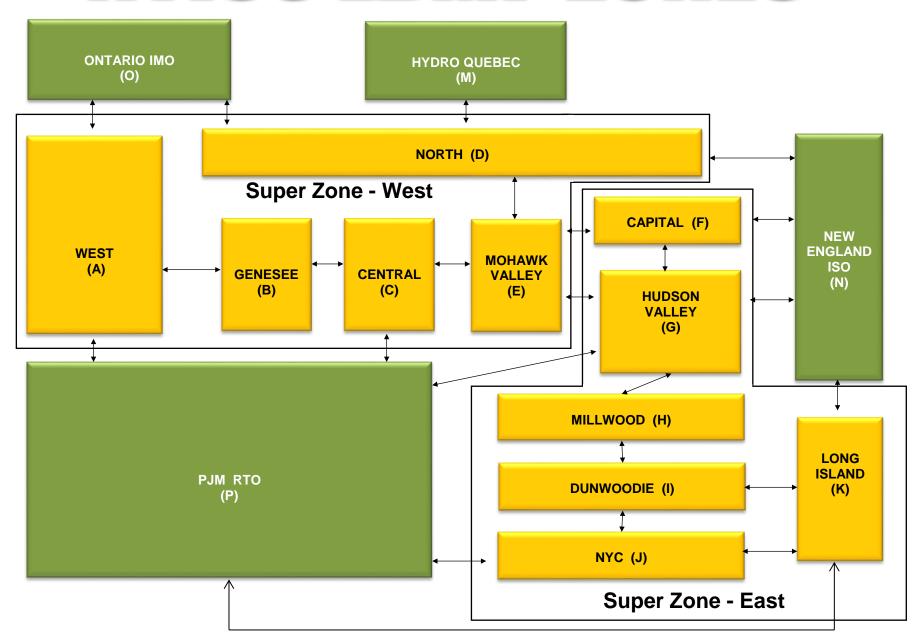








NYISO LBMP ZONES



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Billing Codes for Chart C

| Chart - C Category Name | Billing Code | Billing Category Name |
|---|--------------|--|
| Bid Production Cost Guarantee Balancing | 81203 | Balancing NYISO Bid Production Cost Guarantee - Internal Units |
| Bid Production Cost Guarantee Balancing | 81204 | Balancing NYISO Bid Production Cost Guarantee - External Units |
| Bid Production Cost Guarantee Balancing | 81205 | Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports |
| Bid Production Cost Guarantee Balancing | 81208 | Balancing NYISO Bid Production Cost Guarantee - Internal Units |
| Bid Production Cost Guarantee Balancing | 81209 | Balancing NYISO Bid Production Cost Guarantee - External Units |
| Bid Production Cost Guarantee Balancing | 81213 | Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports |
| Bid Production Cost Guarantee DAM | 81201 | DAM NYISO Bid Production Cost Guarantee - Internal Units |
| Bid Production Cost Guarantee DAM | 84001 | EDRP/SCR Demand Response - Local |
| Bid Production Cost Guarantee DAM | 84101 | EDRP/SCR Demand Response - NYISO Wide |
| Bid Production Cost Guarantee DAM | 81401 | DAM Price Responsive Load Program |
| Bid Production Cost Guarantee DAM | 81202 | DAM NYISO Bid Production Cost Guarantee - External Units |
| Bid Production Cost Guarantee DAM | 81206 | DAM NYISO Bid Production Cost Guarantee - Internal Units |
| Bid Production Cost Guarantee DAM | 81207 | DAM NYISO Bid Production Cost Guarantee - External Units |
| Bid Production Cost Guarantee DAM Virtual | 81501 | DAM Virtual Bid Production Cost Guarantee |
| DAM Contract Balancing | 81315 | DAM Contract Balancing |
| DAM Contract Balancing | 81317 | DAM Contract Balancing |
| Local Reliability Balancing | 81002 | Balancing Local Reliability Bid Production Cost Guarantee |
| Local Reliability Balancing | 83901 | Margin Restoration (MOB) Revenue |
| Local Reliability DAM | 81001 | DAM Local Reliability Bid Production Cost Guarantee |
| NYISO Cost of Operations | 80901 | NYISO Cost Of Operations |
| NYISO Cost of Operations | 80902 | NYISO Cost Of Operations |
| NYISO Cost of Operations | 83501 | NYISO Cost Of Operations |
| NYISO Cost of Operations | 83502 | NYISO Cost Of Operations |
| Residuals Balancing | 81302 | Balancing Market Energy Residual |
| Residuals Balancing | 81304 | Balancing Market Loss Residual |
| Residuals Balancing | 81305 | Balancing Market Congestion Balancing |
| Residuals Balancing | 81306 | Emergency Energy Purchases |
| Residuals Balancing | 81307 | Emergency Energy Sales |
| Residuals Balancing | 81309 | Balancing Market Energy Residual |
| Residuals Balancing | 81311 | Balancing Market Loss Residual |
| Residuals Balancing | 81312 | Balancing Market Congestion Balancing |
| Residuals Balancing | 81313 | Emergency Energy Purchases |
| Residuals Balancing | 81314 | Emergency Energy Sales |
| Residuals DAM | 81301 | Day Ahead Market Energy Residual |
| Residuals DAM | 81303 | Day Ahead Market Loss Residual |
| Residuals DAM | 81308 | Day Ahead Market Energy Residual |
| Residuals DAM | 81310 | Day Ahead Market Loss Residual |

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The Mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefits to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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Summary Description of Upcoming Regulatory Compliance Filings, Recently Submitted Filings and Issued Orders on NYISO Matters

Upcoming Compliance Filings

| Filing | Upcoming Compliance Filings | Docket |
|------------|--|-------------|
| Due Date | (Description) | Number |
| 12/03/2018 | Order No. 841 – market rules to remove barriers to the participation of electric storage resources in the capacity, energy and | RM16-23-000 |
| | ancillary service markets operated by RTOs/ISOs | |

Recently Issued Orders

| Filing Date | Filing Summary (Order Issued) | Docket Number | Order Date | Order Summary |
|----------------|---|------------------|---------------|--|
| 06/05/2018 | NYISO 205 filing re: revisions to rules by which the locational minimum installed capacity requirement for each locality will be determined | ER18-1743-000 | | |
| | NYISO response to deficiency letter re: the 06/05/2018 filing of tariff revisions to determine Locational Minimum | | | Order accepted proposed revisions to Services |
| 08/09/2018 | Installed capacity requirements | ER18-1743-001 | 10/05/2018 | Tariff Sections 2.12 and 5.11 effective 10/09/2018 |
| | NYISO compliance filing re: removal of specific language | | | Order accepted compliance revisions effective |
| 08/16/2018 | from regulated transmission cost recovery revisions | ER17-2327-002 | 09/21/2018 | 10/18/2017, as requested |

Recently Submitted Filings

| Filing | Filing Summary | Docket |
|------------|---|---------------------------|
| Date | | Number |
| 09/14/2018 | NYISO answer re: LIPA protest of NYISO's deficiency response concerning the alternative LCR methodology | ER18-1743-001 |
| 09/17/2018 | NYISO and PJM joint filing re: limited waiver request of the Market-to-Market redispatch requirements in the NYISO/PJM Joint Operating Agreement | ER18-2442-000 |
| 09/20/2018 | NYISO answer to IPPNY's answer re: IPPNY complaint alleging misapplication of MST Section 5.12.1.1 and eligibility of the Zone J MTFs to support capacity imports to the NYCA | EL18-189-000 |
| 09/21/2018 | NYISO 205 filing re: use of constraint reliability margin values less than 20 MW | ER18-2460-000 |
| 09/28/2018 | NYISO answer re: opposing the joint NJBPU/NJRC motion to consolidate EL18-54-000 with nine other dockets (the "PJM RTEP Settlement Proceedings") | EL15-67-003, et. al. |
| 10/05/2018 | NYISO data response to the NYPSC re: input data files used in the GE MAPS for the Base Case in the 2018 Congestion Assessment and Resource Integration Study Phase 1 | PSC Case No. 00-E-1380 |

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| | NYISO filing to LIPA re: proposed transmission needs driven by Public Policy Requirements for consideration by LIPA as | PSC Case No. |
|------------|--|---------------------------|
| 10/10/2018 | part of the NYISO's 2018-2019 transmission planning cycle | 18-E-0623 |
| 10/10/2018 | NYISO filing to the NYPSC re: proposed transmission needs driven by Public Policy Requirements for consideration by the NYPSC as part of the NYISO's 2018-2019 transmission planning cycle | PSC Case No. 18-E-0623 |
| 10/10/2018 | NYISO filing to FERC re: notice of termination of North Energy Power from the ISO-Administered Markets | No Docket No. |
| 10/16/2018 | NYISO compliance filing re: notice of effective date for Order No. 745 demand response tariff revisions | ER11-4338-004 |
| 10/17/2018 | NYISO filing on behalf of Niagara Mohawk Power Corporation re: revisions to depreciation rates in Attachment H of the OATT | ER19-132-000 |
| 10/18/2018 | NYISO 205 filing re: revisions to OATT Attachment L Table 1A concerning existing long term transmission service agreements | ER19-138-000 |
| 10/18/2018 | NYISO 205 filing re: reporting of historic congestion data | ER19-139-000 |