

NYISO CEO/COO Report

Management Committee Meeting November 28, 2012

Agenda #3

Report Items

CEO Report

Infrastructure Master Plan

COO Report

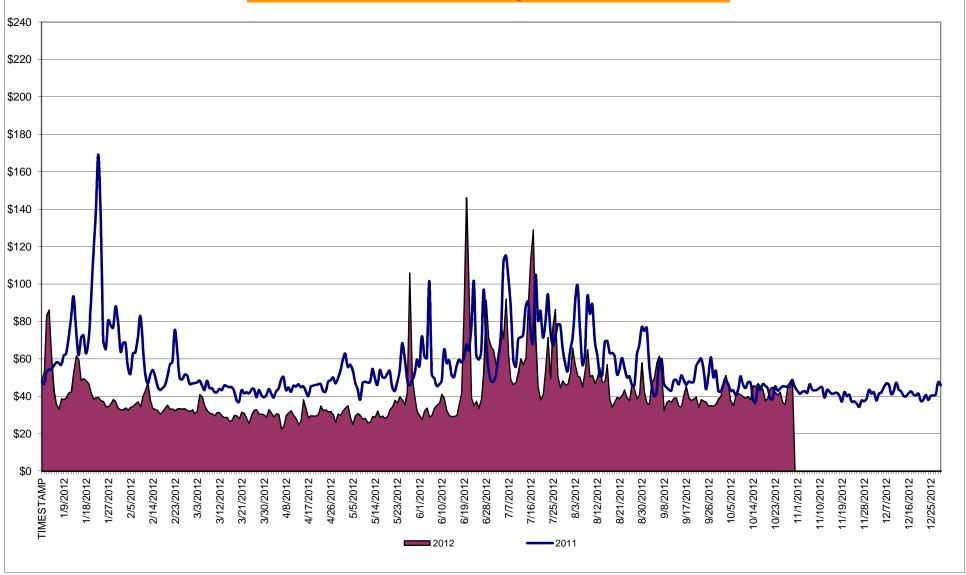
- Market Performance Highlights For Information Only
- Operations Performance Metrics Monthly Report

Market Performance Highlights for October 2012

- LBMP for October is \$39.28/MWh, lower than \$39.59/MWh in September 2012.
 - Day Ahead Load Weighted LBMPs are higher compared to September 2012.
 - Real Time Load Weighted LBMPs are lower compared to September 2012.
- Average monthly year-to-date cost of \$44.19/MWh is a decrease from the previous month's \$44.39/MWh.
- Average daily sendout is 398GWh/day in October; lower than 447GWh/day in September 2012 and 402 GWh/day in October 2011.
- Natural gas prices are higher while distillate prices are down compared to the previous month.
 - Natural Gas (Transco Z6 NY) is \$3.48/MMBtu, higher than \$2.96/MMBtu in September.
 - Jet Kerosene Gulf Coast is \$23.06/MMBtu, down from \$23.74/MMBtu in September.
 - Ultra Low Sulfur No.2 Diesel NY Harbor is \$23.14/MMBtu, comparable to \$23.18/MMBtu in September.
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is \$0.71/MWh, higher than (\$0.40/MWh) in September.
 - The Local Reliability Share is \$0.66/MWh, higher than \$0.20 in September.
 - The Statewide Share is \$0.05/MWh, higher than (\$0.59)/MWh in September.
 - TSA \$ per NYC MWh is \$0.00/MWh. TSA \$ for 10/29 are not yet available. The TSA \$ per NYC MWh for October 2012 will be updated when TSA settlement \$ become available.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than September.
 - Higher uplift and reserve costs are associated with Hurricane Sandy (October 29,30,31)

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)*

2011 Annual Average \$56.47/MWh October 2011YTD Average \$59.18/MWh October 2012YTD Average \$44.19/MWh

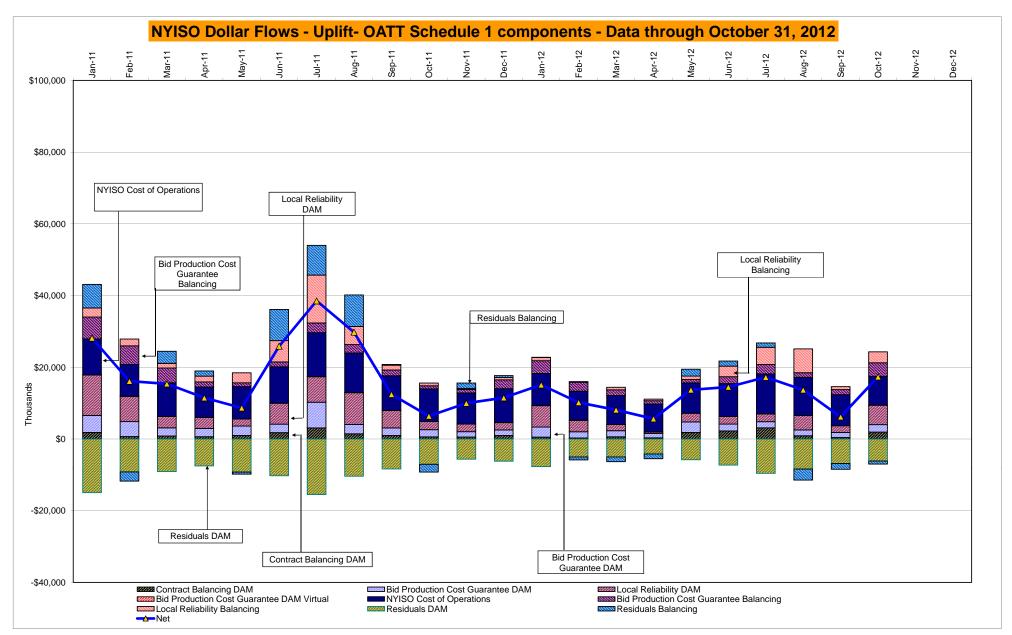


^{*} Excludes ICAP payments.

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

2012	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	44.00	32.45	28.98	28.31	34.68	47.35	63.78	46.22	39.59	39.28		
NTAC	0.85	0.80	0.68	0.71	0.72	0.77	0.58	0.56	0.47	0.70		
Reserve	0.35	0.25	0.38	0.32	0.13	0.36	0.36	0.22	0.23	0.29		
Regulation	0.10	0.08	0.13	0.12	0.09	0.15	0.15	0.12	0.09	0.10		
NYISO Cost of Operations	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64		
Uplift	0.44	0.17	0.00	(0.18)	(0.11)	0.25	0.08	0.04	(0.40)	0.71		
Uplift: Local Reliability Share	0.49	0.27	0.19	0.07	0.25	0.36	0.41	0.65	0.20	0.66		
Uplift: Statewide Share	(0.05)	(0.10)	(0.19)	(0.25)	(0.36)	(0.11)	(0.33)	(0.61)	(0.59)	0.05		
Voltage Support and Black Start	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37		
Avg Monthly Cost	46.75	34.75	31.19	30.29	36.52	49.89	65.97	48.17	41.00	42.10		
Avg YTD Cost	46.75	41.12	37.96	36.09	36.18	38.82	44.17	44.79	44.39	44.19		
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	1.52	0.45	0.85	0.46	0.59	0.00		
0044				A					0 ()	0.11		
2011	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October 12	November	<u>December</u>
LBMP	74.91			46.44	48.49	EU 33	75.76	56.04	46.86	42.49	38.97	39.73
		55.60	46.98			60.33						
NTAC	0.62	0.75	0.86	0.81	1.13	1.22	0.66	0.60	0.43	0.56	0.62	0.69
NTAC Reserve	0.62 0.44	0.75 0.50	0.86 0.41	0.81 0.43	1.13 0.48	1.22 0.28	0.66 0.28	0.60 0.13	0.43 0.25	0.56 0.41	0.62 0.26	0.28
NTAC Reserve Regulation	0.62 0.44 0.20	0.75 0.50 0.18	0.86 0.41 0.15	0.81 0.43 0.12	1.13 0.48 0.10	1.22 0.28 0.15	0.66 0.28 0.12	0.60 0.13 0.09	0.43 0.25 0.08	0.56 0.41 0.09	0.62 0.26 0.08	0.28 0.09
NTAC Reserve Regulation NYISO Cost of Operations	0.62 0.44 0.20 0.70	0.75 0.50 0.18 0.70	0.86 0.41 0.15 0.70	0.81 0.43 0.12 0.70	1.13 0.48 0.10 0.70	1.22 0.28 0.15 0.70	0.66 0.28 0.12 0.70	0.60 0.13 0.09 0.70	0.43 0.25 0.08 0.70	0.56 0.41 0.09 0.70	0.62 0.26 0.08 0.70	0.28 0.09 0.70
NTAC Reserve Regulation NYISO Cost of Operations Uplift	0.62 0.44 0.20 0.70 1.26	0.75 0.50 0.18 0.70 0.58	0.86 0.41 0.15 0.70 0.45	0.81 0.43 0.12 0.70 0.21	1.13 0.48 0.10 0.70 (0.02)	1.22 0.28 0.15 0.70 0.61	0.66 0.28 0.12 0.70 1.42	0.60 0.13 0.09 0.70 0.65	0.43 0.25 0.08 0.70 0.15	0.56 0.41 0.09 0.70 (0.21)	0.62 0.26 0.08 0.70 0.11	0.28 0.09 0.70 0.15
NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: Local Reliability Share	0.62 0.44 0.20 0.70 1.26 0.95	0.75 0.50 0.18 0.70 0.58 0.71	0.86 0.41 0.15 0.70 0.45 0.33	0.81 0.43 0.12 0.70 0.21 0.38	1.13 0.48 0.10 0.70 (0.02) 0.36	1.22 0.28 0.15 0.70 0.61 0.82	0.66 0.28 0.12 0.70 1.42 1.19	0.60 0.13 0.09 0.70 0.65 0.87	0.43 0.25 0.08 0.70 0.15 0.45	0.56 0.41 0.09 0.70 (0.21) 0.23	0.62 0.26 0.08 0.70 0.11	0.28 0.09 0.70 0.15 0.19
NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: Local Reliability Share Uplift: Statewide Share	0.62 0.44 0.20 0.70 1.26 0.95 0.31	0.75 0.50 0.18 0.70 0.58 0.71 (0.12)	0.86 0.41 0.15 0.70 0.45 0.33 0.12	0.81 0.43 0.12 0.70 0.21 0.38 (0.18)	1.13 0.48 0.10 0.70 (0.02) 0.36 (0.38)	1.22 0.28 0.15 0.70 0.61 0.82 (0.21)	0.66 0.28 0.12 0.70 1.42 1.19 0.24	0.60 0.13 0.09 0.70 0.65 0.87 (0.21)	0.43 0.25 0.08 0.70 0.15 0.45 (0.30)	0.56 0.41 0.09 0.70 (0.21) 0.23 (0.44)	0.62 0.26 0.08 0.70 0.11 0.19 (0.08)	0.28 0.09 0.70 0.15 0.19 (0.05)
NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	0.62 0.44 0.20 0.70 1.26 0.95 0.31 0.37	0.75 0.50 0.18 0.70 0.58 0.71 (0.12) 0.37	0.86 0.41 0.15 0.70 0.45 0.33 0.12 0.37	0.81 0.43 0.12 0.70 0.21 0.38 (0.18) 0.37	1.13 0.48 0.10 0.70 (0.02) 0.36 (0.38) 0.37	1.22 0.28 0.15 0.70 0.61 0.82 (0.21) 0.37	0.66 0.28 0.12 0.70 1.42 1.19 0.24 0.37	0.60 0.13 0.09 0.70 0.65 0.87 (0.21) 0.37	0.43 0.25 0.08 0.70 0.15 0.45 (0.30) 0.37	0.56 0.41 0.09 0.70 (0.21) 0.23 (0.44) 0.37	0.62 0.26 0.08 0.70 0.11 0.19 (0.08) 0.37	0.28 0.09 0.70 0.15 0.19 (0.05)
NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: Local Reliability Share Uplift: Statewide Share	0.62 0.44 0.20 0.70 1.26 0.95 0.31	0.75 0.50 0.18 0.70 0.58 0.71 (0.12)	0.86 0.41 0.15 0.70 0.45 0.33 0.12	0.81 0.43 0.12 0.70 0.21 0.38 (0.18)	1.13 0.48 0.10 0.70 (0.02) 0.36 (0.38)	1.22 0.28 0.15 0.70 0.61 0.82 (0.21)	0.66 0.28 0.12 0.70 1.42 1.19 0.24	0.60 0.13 0.09 0.70 0.65 0.87 (0.21)	0.43 0.25 0.08 0.70 0.15 0.45 (0.30)	0.56 0.41 0.09 0.70 (0.21) 0.23 (0.44)	0.62 0.26 0.08 0.70 0.11 0.19 (0.08)	0.28 0.09 0.70 0.15 0.19 (0.05)
NTAC Reserve Regulation NYISO Cost of Operations Uplift Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start	0.62 0.44 0.20 0.70 1.26 0.95 0.31 0.37	0.75 0.50 0.18 0.70 0.58 0.71 (0.12) 0.37	0.86 0.41 0.15 0.70 0.45 0.33 0.12 0.37	0.81 0.43 0.12 0.70 0.21 0.38 (0.18) 0.37	1.13 0.48 0.10 0.70 (0.02) 0.36 (0.38) 0.37	1.22 0.28 0.15 0.70 0.61 0.82 (0.21) 0.37	0.66 0.28 0.12 0.70 1.42 1.19 0.24 0.37	0.60 0.13 0.09 0.70 0.65 0.87 (0.21) 0.37	0.43 0.25 0.08 0.70 0.15 0.45 (0.30) 0.37	0.56 0.41 0.09 0.70 (0.21) 0.23 (0.44) 0.37	0.62 0.26 0.08 0.70 0.11 0.19 (0.08) 0.37	0.28 0.09 0.70 0.15 0.19 (0.05)

^{*} Excludes ICAP payments.



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

DAM Listermal LAMP Energy Sales S8%
DAM Bilateral Incental Bilaterals 38% 40% 40% 60%
DAM Bilateral - Import Mon-LBMP Market Bilaterals 0% 0% 0% 0% 0% 0% 0% 0
DAM Bilateral - Import/Non-LBMP Market Bilaterals 0% 0% 0% 0% 0% 0% 0% 0
DAM Bilaterial - Export/Non-LBMP Market Bilaterials
Data
Balancing Energy Market MWh September September
Balancing Energy LSE Internal LBMP Energy Sales 110% 111% 110% 110% 347% 22% 19% 30% 113% 119% 11
Balancing Energy External TC LBMP Energy Sales 9% 7% 7% 20% 20% 34% 22% 19% 30% 31% 19% 19% 184 184 184 197 184 184 197 184
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals 1% 1% 1% 1% 10% 10% 0%
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals 3% 3% 3% 3% 3% 3% 3% 3
Balancing Energy Bilateral - Wheel Through Bilaterals -3% 0% -1% -4% -46% -5% 0% 2% 1% 0% -4% -4% -4% -46% -5% 0% 2% 1% 0% -4%
Transactions Summary
LBMP
Internal Bilaterals
Import Bilaterals
Export Bilaterals 2% 2% 2% 2% 2% 2% 1% 1%
Wheels Through 1% 0% 1% 1% 1% 1% 1% 1% 0%
Day Ahead Market Share of Total Load
Day Ahead Market 106.3% 106.5% 107.1% 103.1% 100.2% 103.7% 103.3% 103.2% 105.1% 106.0% 106.0% 106.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0% 107.1% 108.0%
Balancing Energy + -6.3% -6.5% -7.1% -3.1% -0.2% -3.3% -3.2% -5.1% -6.0% -6.0% -1.1% -5.1% -6.2% -3.2% -3.2% -5.1% -6.0% -6.0% -1.1% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.1% -6.0% -5.0% -5.0% -5.0%
Total MWH 13,999,153 12,656,958 12,693,772 12,111,670 13,292,986 14,363,931 17,370,928 16,656,873 13,569,769 12,595,401 Average Daily Energy Sendout/Month GWh 443 431 407 396 420 471 551 529 447 398 420 420 471 551 529 447 398 420 471 551 529 447 398 420 420 471 551 529 447 398 420 420 471 551 529 447 398 420 420 420 471 551 529 447 398 420 420 420 471 551 552 447 398 420 4
Average Daily Energy Sendout/Month GWh 443 431 407 396 420 471 551 529 447 398
2011 January February March April May June July August September October November December Day Ahead Market MWh 14,146,283 12,514,435 13,164,026 12,191,562 12,809,240 14,520,490 17,296,367 15,872,137 14,052,940 12,710,654 14,300,553 DAM LSE Internal LBMP Energy Sales 49% 54% 55% 55% 57% 60% 62% 59% 54% 55% 59% DAM External TC LBMP Energy Sales 1% 2% 1% 1% 2% 1% 1% 4% 2% 1% DAM Bilateral - Internal Bilaterals 42% 43% 43% 41% 39% 36% 35% 39% 41% 41% 37% DAM Bilateral - Importl/Non-LBMP Market Bilaterals 5% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% </td
Day Ahead Market MWh 14,146,283 12,514,435 13,164,026 12,191,562 12,809,240 14,520,490 17,296,367 15,872,137 14,052,940 13,263,167 12,710,654 14,300,553 DAM LSE Internal LBMP Energy Sales 49% 54% 53% 55% 55% 57% 60% 62% 59% 54% 55% 59% DAM External TC LBMP Energy Sales 1% 1% 2% 1% 1% 2% 1% 1% 4% 2% 1% DAM Bilateral - Internal Bilaterals 42% 43% 43% 41% 41% 39% 36% 35% 39% 41% 41% 37% DAM Bilateral - Importl/Non-LBMP Market Bilaterals 5% 0%
Day Ahead Market MWh 14,146,283 12,514,435 13,164,026 12,191,562 12,809,240 14,520,490 17,296,367 15,872,137 14,052,940 13,263,167 12,710,654 14,300,553 DAM LSE Internal LBMP Energy Sales 49% 54% 53% 55% 55% 57% 60% 62% 59% 54% 55% 59% DAM External TC LBMP Energy Sales 1% 1% 2% 1% 1% 2% 1% 1% 4% 2% 1% DAM Bilateral - Internal Bilaterals 42% 43% 43% 41% 41% 39% 36% 35% 39% 41% 41% 37% DAM Bilateral - Importl/Non-LBMP Market Bilaterals 5% 0%
Day Ahead Market MWh 14,146,283 12,514,435 13,164,026 12,191,562 12,809,240 14,520,490 17,296,367 15,872,137 14,052,940 13,263,167 12,710,654 14,300,553 DAM LSE Internal LBMP Energy Sales 49% 54% 53% 55% 55% 57% 60% 62% 59% 54% 55% 59% DAM External TC LBMP Energy Sales 1% 1% 2% 1% 1% 2% 1% 1% 4% 2% 1% DAM Bilateral - Internal Bilaterals 42% 43% 43% 41% 41% 39% 36% 35% 39% 41% 41% 37% DAM Bilateral - Importl/Non-LBMP Market Bilaterals 5% 0%
DAM LSE Internal LBMP Energy Sales 49% 54% 53% 55% 55% 57% 60% 62% 59% 54% 55% 59% DAM External TC LBMP Energy Sales 1% 1% 2% 1% 1% 2% 1% 1% 4% 2% 1% DAM Bilateral - Internal Bilaterals 42% 43% 43% 41% 41% 39% 36% 35% 39% 41% 41% 37% DAM Bilateral - Importl/Non-LBMP Market Bilaterals 5% 0% 1% 1% 1% <t< td=""></t<>
DAM External TC LBMP Energy Sales 1% 1% 2% 2% 1% 1% 2% 1% 4% 2% 1% DAM Bilateral - Internal Bilaterals 42% 43% 43% 41% 41% 39% 36% 35% 39% 41% 41% 37% DAM Bilateral - ImportI/Non-LBMP Market Bilaterals 5% 0% <td< td=""></td<>
DAM Bilateral - Internal Bilaterals 42% 43% 43% 41% 41% 39% 36% 35% 39% 41% 41% 37% DAM Bilateral - ImportI/Non-LBMP Market Bilaterals 5% 0%
DAM Bilateral - ImportI/Non-LBMP Market Bilaterals 5% 0%
DAM Bilateral - Export/Non-LBMP Market Bilaterals 1% 1% 2% 2% 2% 1% 1% 1% 1% 2% 2% 1% DAM Bilateral - Wheel Through Bilaterals 1% 1% 1% 0% 1% 1% 1% 1% 1% 0% 0% 1%
DAM Bilateral - Wheel Through Bilaterals 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 0% 0% 1%
V
<u>Balancing Energy Market MWh</u> 311,996 210,141 250,339 35,941 192,443 44,238 221,519 -31,911 -203,622 -205,237 -284,573 -689,219
Balancing Energy LSE Internal LBMP Energy Sales 28% 24% 39% -226% 40% -141% 29% -371% -147% -181% -129% -115%
Balancing Energy External TC LBMP Energy Sales 48% 50% 50% 197% 39% 271% 77% 327% 53% 59% 21% 13%
Balancing Energy Bilateral - Internal Bilaterals 15% 7% 8% 47% 14% 37% 0% -1% 5% 11% 0% 0%
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals 6% 14% 13% 83% 10% 32% 6% 39% 8% 10% 9% 4%
Balancing Energy Bilateral - Wheel Through Bilaterals 3% 5% -10% -1% -2% -100% -12% -94% -18% 1% -2% -2%
Transactions Summary
LBMP 51% 55% 55% 57% 59% 63% 63% 59% 56% 56% 58%
Internal Bilaterals 42% 42% 42% 41% 41% 39% 36% 36% 39% 42% 42% 39%
12,0 12,0 11/0 11/0 00/0 00/0 00/0 TZ/0 TZ/0 00/0
Import Bilaterals 5% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%
Export Bilaterals 2% 2% 2% 2% 1% 1% 1% 1% 2% 2% 2% 2%
Export Bilaterals 2% 2% 2% 2% 1% 1% 1% 1% 2% 2% 2% Wheels Through 1% 1% 1% 1% 1% 1% 1% 0% 0% 0% 0% 1%
Export Bilaterals 2% 2% 2% 2% 2% 1% 1% 1% 1% 2% 2% 2% Wheels Through 1% 1% 1% 1% 1% 1% 1% 0% 0% 0% 1% Market Share of Total Load
Export Bilaterals 2% 2% 2% 2% 1% 1% 1% 1% 2% 2% 2% Wheels Through 1% 1% 1% 1% 1% 1% 1% 0% 0% 0% 1% Market Share of Total Load 97.8% 98.3% 98.1% 99.7% 98.5% 99.7% 98.7% 100.2% 101.5% 101.6% 102.3% 105.1%
Export Bilaterals 2% 2% 2% 2% 1% 1% 1% 1% 2% 2% 2% Wheels Through 1% 1% 1% 1% 1% 1% 1% 0% 0% 0% 1% Market Share of Total Load Day Ahead Market 97.8% 98.3% 98.1% 99.7% 98.5% 99.7% 98.7% 100.2% 101.5% 101.6% 102.3% 105.1%

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

Notes: Percent totals may not equal 100% due to rounding.

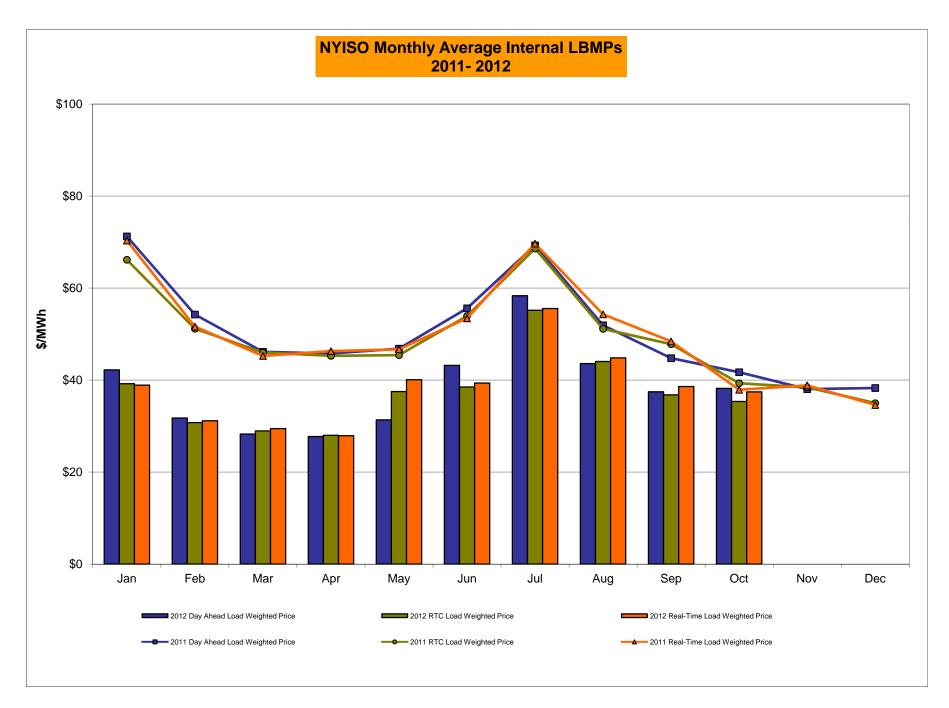
Virtual Transactions are not reflected in this chart.

^{*} 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 2012 Energy Statistics

DAY AUGAD I DAG	<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>	November	<u>December</u>
DAY AHEAD LBMP Price *	\$40.91	\$31.15	\$27.44	\$26.88	\$29.79	\$38.71	\$53.95	\$41.17	\$35.74	\$37.10		
Standard Deviation	\$15.62	\$6.23	\$7.00	\$7.04	\$10.22	\$30.71	\$32.19	\$15.94	\$11.26	\$8.21		
Load Weighted Price **	\$42.20	\$31.73	\$28.25	\$27.72	\$31.33	\$43.17	\$58.33	\$43.57	\$37.44	\$38.19		
3	,	•	•	•	*	•	*	•	* -	,		
RTC LBMP												
Price *	\$37.93	\$30.31	\$28.15	\$27.19	\$34.27	\$34.58	\$51.05	\$41.79	\$34.76	\$34.11		
Standard Deviation	\$23.43	\$7.26	\$22.87	\$15.67	\$46.03	\$57.26	\$60.86	\$22.90	\$23.14	\$19.02		
Load Weighted Price **	\$39.19	\$30.75	\$28.93	\$27.97	\$37.49	\$38.48	\$55.17	\$44.03	\$36.77	\$35.33		
REAL TIME LBMP												
Price *	\$37.35	\$30.54	\$28.47	\$27.00	\$35.22	\$34.29	\$50.68	\$41.95	\$36.05	\$36.24		
Standard Deviation	\$23.75	\$9.77	\$20.94	\$15.14	\$56.38	\$55.53	\$51.60	\$23.86	\$26.89	\$14.43		
Load Weighted Price **	\$38.88	\$31.14	\$29.44	\$27.89	\$40.06	\$39.34	\$55.54	\$44.81	\$38.59	\$37.43		
Average Daily Energy Sendout/Month GWh	443	431	407	396	420	471	551	529	447	398		
				NYISO	Markets	2011 Ene	rgy Stati	stics_				
	.lanuary	February	March	April	Mav	.lune	.lulv	August	September	October	November	December
DAY AHEAD LBMP	<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	<u>December</u>
DAY AHEAD LBMP Price *	January \$69.03	February \$52.87	<u>March</u> \$45.20	<u>April</u> \$44.80	<u>May</u> \$45.20	<u>June</u> \$52.26	<u>July</u> \$64.60	<u>August</u> \$49.59	September \$43.28	October \$40.38	November \$37.12	December \$37.31
					 -			<u></u> _				
Price *	\$69.03	\$52.87	\$45.20	\$44.80	\$45.20	\$52.26	\$64.60	\$49.59	\$43.28	\$40.38	\$37.12	\$37.31
Price * Standard Deviation Load Weighted Price **	\$69.03 \$30.78	\$52.87 \$14.77	\$45.20 \$9.06	\$44.80 \$8.22	\$45.20 \$11.77	\$52.26 \$26.24	\$64.60 \$34.99	\$49.59 \$16.62	\$43.28 \$10.26	\$40.38 \$9.30	\$37.12 \$7.64	\$37.31 \$9.13
Price * Standard Deviation Load Weighted Price ** RTC LBMP	\$69.03 \$30.78 \$71.22	\$52.87 \$14.77 \$54.24	\$45.20 \$9.06 \$46.13	\$44.80 \$8.22 \$45.77	\$45.20 \$11.77 \$46.83	\$52.26 \$26.24 \$55.58	\$64.60 \$34.99 \$69.28	\$49.59 \$16.62 \$51.90	\$43.28 \$10.26 \$44.76	\$40.38 \$9.30 \$41.70	\$37.12 \$7.64 \$38.02	\$37.31 \$9.13 \$38.27
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price *	\$69.03 \$30.78 \$71.22	\$52.87 \$14.77 \$54.24	\$45.20 \$9.06 \$46.13	\$44.80 \$8.22 \$45.77	\$45.20 \$11.77 \$46.83	\$52.26 \$26.24 \$55.58	\$64.60 \$34.99 \$69.28	\$49.59 \$16.62 \$51.90	\$43.28 \$10.26 \$44.76	\$40.38 \$9.30 \$41.70	\$37.12 \$7.64 \$38.02 \$37.43	\$37.31 \$9.13 \$38.27
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation	\$69.03 \$30.78 \$71.22 \$64.48 \$39.41	\$52.87 \$14.77 \$54.24 \$50.15 \$18.83	\$45.20 \$9.06 \$46.13 \$45.13 \$18.96	\$44.80 \$8.22 \$45.77 \$44.32 \$15.44	\$45.20 \$11.77 \$46.83 \$43.69 \$25.19	\$52.26 \$26.24 \$55.58 \$50.47 \$46.41	\$64.60 \$34.99 \$69.28 \$63.42 \$82.29	\$49.59 \$16.62 \$51.90 \$48.47 \$59.95	\$43.28 \$10.26 \$44.76 \$46.02 \$25.18	\$40.38 \$9.30 \$41.70 \$38.44 \$15.45	\$37.12 \$7.64 \$38.02 \$37.43 \$17.55	\$37.31 \$9.13 \$38.27 \$34.00 \$15.60
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price *	\$69.03 \$30.78 \$71.22	\$52.87 \$14.77 \$54.24	\$45.20 \$9.06 \$46.13	\$44.80 \$8.22 \$45.77	\$45.20 \$11.77 \$46.83	\$52.26 \$26.24 \$55.58	\$64.60 \$34.99 \$69.28	\$49.59 \$16.62 \$51.90	\$43.28 \$10.26 \$44.76	\$40.38 \$9.30 \$41.70	\$37.12 \$7.64 \$38.02 \$37.43	\$37.31 \$9.13 \$38.27
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation	\$69.03 \$30.78 \$71.22 \$64.48 \$39.41	\$52.87 \$14.77 \$54.24 \$50.15 \$18.83	\$45.20 \$9.06 \$46.13 \$45.13 \$18.96	\$44.80 \$8.22 \$45.77 \$44.32 \$15.44	\$45.20 \$11.77 \$46.83 \$43.69 \$25.19	\$52.26 \$26.24 \$55.58 \$50.47 \$46.41	\$64.60 \$34.99 \$69.28 \$63.42 \$82.29	\$49.59 \$16.62 \$51.90 \$48.47 \$59.95	\$43.28 \$10.26 \$44.76 \$46.02 \$25.18	\$40.38 \$9.30 \$41.70 \$38.44 \$15.45	\$37.12 \$7.64 \$38.02 \$37.43 \$17.55	\$37.31 \$9.13 \$38.27 \$34.00 \$15.60
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price **	\$69.03 \$30.78 \$71.22 \$64.48 \$39.41	\$52.87 \$14.77 \$54.24 \$50.15 \$18.83	\$45.20 \$9.06 \$46.13 \$45.13 \$18.96	\$44.80 \$8.22 \$45.77 \$44.32 \$15.44	\$45.20 \$11.77 \$46.83 \$43.69 \$25.19	\$52.26 \$26.24 \$55.58 \$50.47 \$46.41	\$64.60 \$34.99 \$69.28 \$63.42 \$82.29	\$49.59 \$16.62 \$51.90 \$48.47 \$59.95	\$43.28 \$10.26 \$44.76 \$46.02 \$25.18	\$40.38 \$9.30 \$41.70 \$38.44 \$15.45	\$37.12 \$7.64 \$38.02 \$37.43 \$17.55	\$37.31 \$9.13 \$38.27 \$34.00 \$15.60
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP Price * Standard Deviation	\$69.03 \$30.78 \$71.22 \$64.48 \$39.41 \$66.15 \$67.92 \$58.47	\$52.87 \$14.77 \$54.24 \$50.15 \$18.83 \$51.15 \$50.26 \$22.39	\$45.20 \$9.06 \$46.13 \$45.13 \$18.96 \$45.98 \$44.22 \$17.41	\$44.80 \$8.22 \$45.77 \$44.32 \$15.44 \$45.25 \$45.20 \$19.98	\$45.20 \$11.77 \$46.83 \$43.69 \$25.19 \$45.41 \$44.26 \$26.27	\$52.26 \$26.24 \$55.58 \$50.47 \$46.41 \$53.91 \$48.68 \$44.88	\$64.60 \$34.99 \$69.28 \$63.42 \$82.29 \$68.58 \$62.96 \$64.83	\$49.59 \$16.62 \$51.90 \$48.47 \$59.95 \$51.12 \$49.39 \$62.04	\$43.28 \$10.26 \$44.76 \$46.02 \$25.18 \$47.80 \$45.92 \$26.88	\$40.38 \$9.30 \$41.70 \$38.44 \$15.45 \$39.30 \$36.91 \$13.65	\$37.12 \$7.64 \$38.02 \$37.43 \$17.55 \$38.43 \$37.67 \$19.42	\$37.31 \$9.13 \$38.27 \$34.00 \$15.60 \$34.97 \$33.50 \$14.12
Price * Standard Deviation Load Weighted Price ** RTC LBMP Price * Standard Deviation Load Weighted Price ** REAL TIME LBMP Price *	\$69.03 \$30.78 \$71.22 \$64.48 \$39.41 \$66.15	\$52.87 \$14.77 \$54.24 \$50.15 \$18.83 \$51.15	\$45.20 \$9.06 \$46.13 \$45.13 \$18.96 \$45.98	\$44.80 \$8.22 \$45.77 \$44.32 \$15.44 \$45.25	\$45.20 \$11.77 \$46.83 \$43.69 \$25.19 \$45.41	\$52.26 \$26.24 \$55.58 \$50.47 \$46.41 \$53.91	\$64.60 \$34.99 \$69.28 \$63.42 \$82.29 \$68.58	\$49.59 \$16.62 \$51.90 \$48.47 \$59.95 \$51.12	\$43.28 \$10.26 \$44.76 \$46.02 \$25.18 \$47.80	\$40.38 \$9.30 \$41.70 \$38.44 \$15.45 \$39.30 \$36.91	\$37.12 \$7.64 \$38.02 \$37.43 \$17.55 \$38.43	\$37.31 \$9.13 \$38.27 \$34.00 \$15.60 \$34.97

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

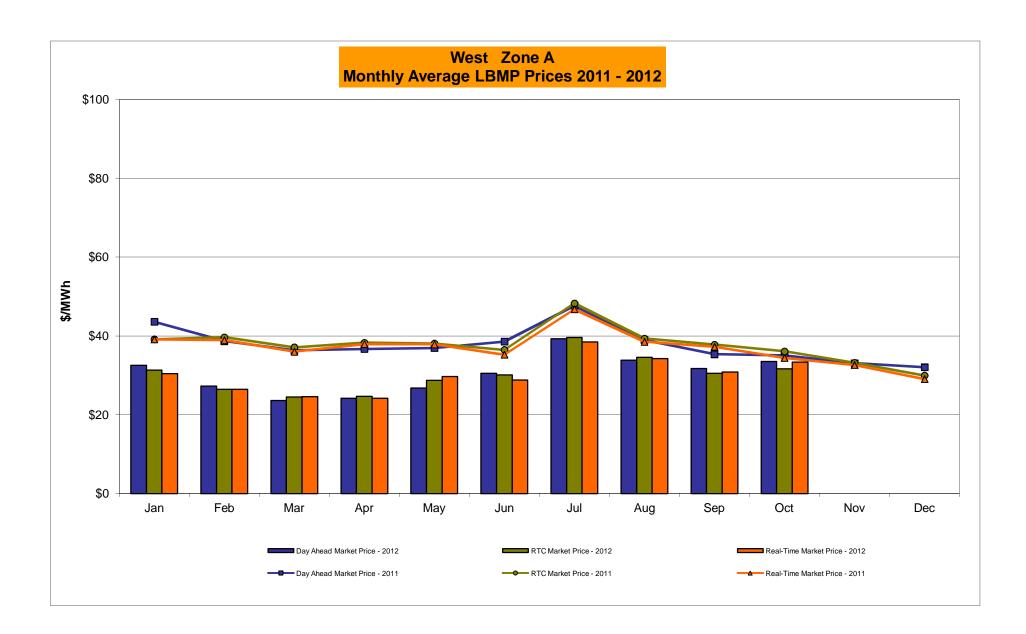


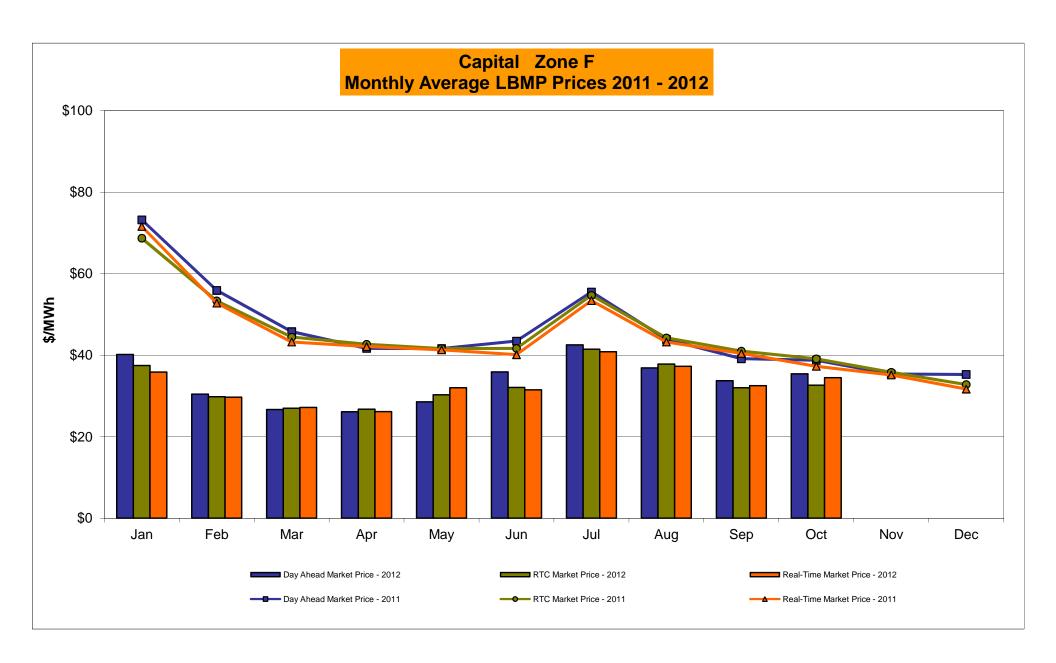
October 2012 Zonal LBMP Statistics for NYISO (\$/MWh)

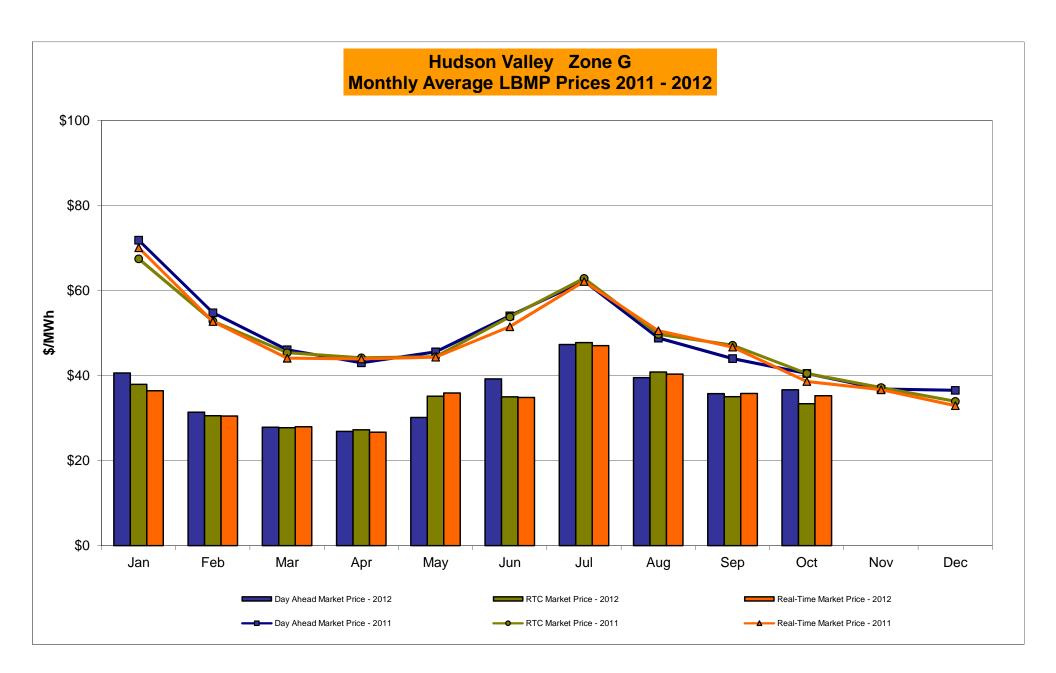
	WEST Zone A	GENESEE Zone B	NORTH Zone D	CENTRAL Zone C	MOHAWK VALLEY Zone E	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD Zone H	DUNWOODIE Zone I	NEW YORK CITY Zone J	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP	<u></u>			<u></u>							<u></u> -
Unweighted Price *	33.48	34.14	30.98	34.26	34.57	35.42	36.66	36.61	36.65	37.79	45.43
Standard Deviation	6.23	6.71	6.18	6.89	7.10	7.37	7.73	7.77	7.76	8.34	15.22
RTC LBMP											
Unweighted Price *	31.61	31.07	27.63	31.31	31.48	32.63	33.38	33.35	33.39	34.90	41.51
Standard Deviation	27.69	17.66	24.43	17.75	17.25	17.34	17.69	17.63	17.70	17.34	37.60
REAL TIME LBMP											
Unweighted Price *	33.34	33.07	29.91	33.22	33.41	34.48	35.28	35.22	35.33	36.84	45.12
Standard Deviation	18.41	11.67	11.01	11.96	11.81	12.37	12.48	12.50	12.67	13.39	39.44
	ONTARIO	HYDRO QUEBEC	HYDRO QUEBEC		NEW	CROSS SOUND	NORTHPORT-				
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND		NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	Dennison	
	-	QUEBEC	QUEBEC	PJM		SOUND		NEPTUNE Controllable	LINDEN VFT	Dennison <u>Controllable</u>	
	-	QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP	IESO Zone O	QUEBEC (Wheel)	QUEBEC (Import/Export)	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	
Unweighted Price *	Zone O 32.85	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export) Zone M 32.36	Zone P 34.30	ENGLAND Zone N 35.56	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 43.31	Controllable Line 37.23	Controllable Line 29.79	
	IESO Zone O	QUEBEC (Wheel)	QUEBEC (Import/Export)	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	
Unweighted Price * Standard Deviation RTC LBMP	Zone O 32.85	QUEBEC (Wheel) Zone M 32.63 6.24	QUEBEC (Import/Export) Zone M 32.36 6.27	Zone P 34.30 6.77	Zone N 35.56 7.25	SOUND CABLE Controllable Line 44.36 14.98	NORWALK Controllable Line 39.92 9.77	Controllable Line 43.31	Controllable Line 37.23 7.86	Controllable Line 29.79 6.54	
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 32.85 6.08	QUEBEC (Wheel) Zone M 32.63 6.24 28.77	QUEBEC (Import/Export) Zone M 32.36 6.27	Zone P 34.30 6.77	Zone N 35.56 7.25	SOUND CABLE Controllable Line 44.36 14.98	NORWALK Controllable Line 39.92 9.77	43.31 14.70	27.23 7.86	29.79 6.54	
Unweighted Price * Standard Deviation RTC LBMP	Zone O 32.85 6.08	QUEBEC (Wheel) Zone M 32.63 6.24	QUEBEC (Import/Export) Zone M 32.36 6.27	Zone P 34.30 6.77	Zone N 35.56 7.25	SOUND CABLE Controllable Line 44.36 14.98	NORWALK Controllable Line 39.92 9.77	Controllable Line 43.31 14.70	Controllable Line 37.23 7.86	Controllable Line 29.79 6.54	
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation REAL TIME LBMP	20ne O 32.85 6.08 29.34 13.29	QUEBEC (Wheel) Zone M 32.63 6.24 28.77 20.06	QUEBEC (Import/Export) Zone M 32.36 6.27 28.53 19.94	34.30 6.77 30.79 13.90	20ne N 35.56 7.25 32.75 19.08	SOUND CABLE Controllable Line 44.36 14.98 39.39 35.26	NORWALK Controllable Line 39.92 9.77 36.85 31.69	Controllable Line 43.31 14.70 38.51 35.05	37.23 7.86 32.94 14.52	29.79 6.54 27.20 15.91	
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 32.85 6.08	QUEBEC (Wheel) Zone M 32.63 6.24 28.77	QUEBEC (Import/Export) Zone M 32.36 6.27	Zone P 34.30 6.77	Zone N 35.56 7.25	SOUND CABLE Controllable Line 44.36 14.98	NORWALK Controllable Line 39.92 9.77	43.31 14.70	27.23 7.86	29.79 6.54	

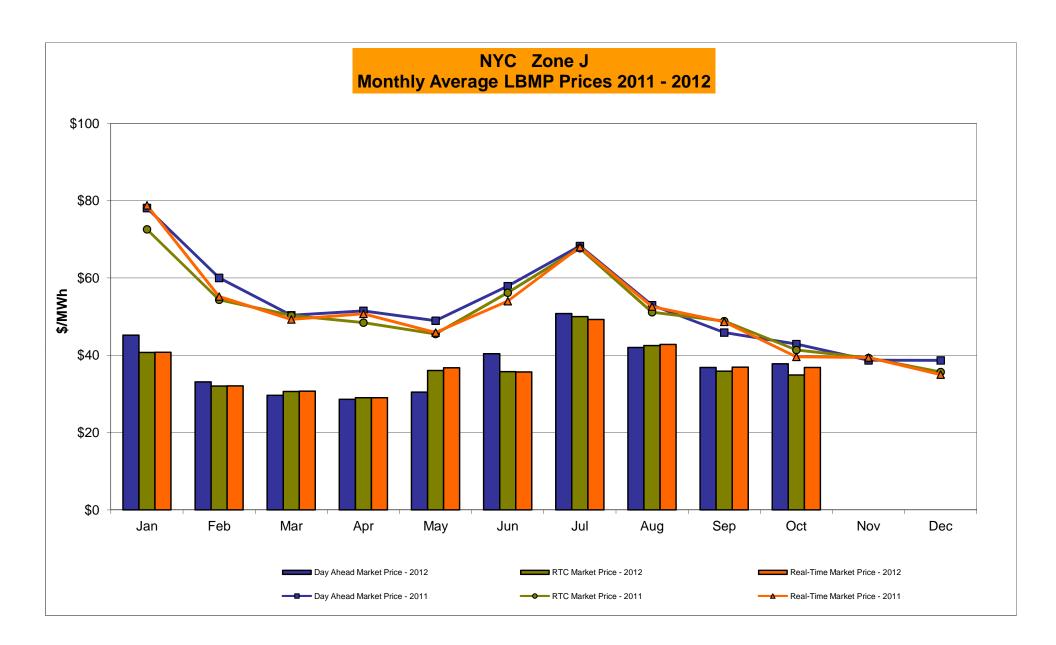
Market Mitigation and Analysis Prepared: 11/6/2012 2:09 PM

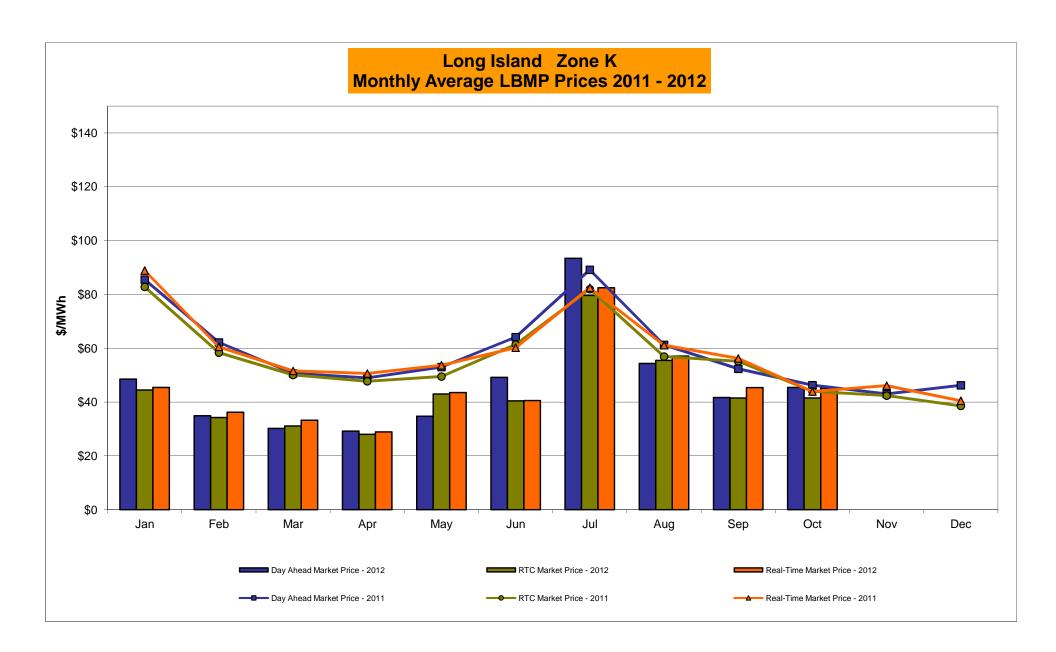
^{*} Straight LBMP averages

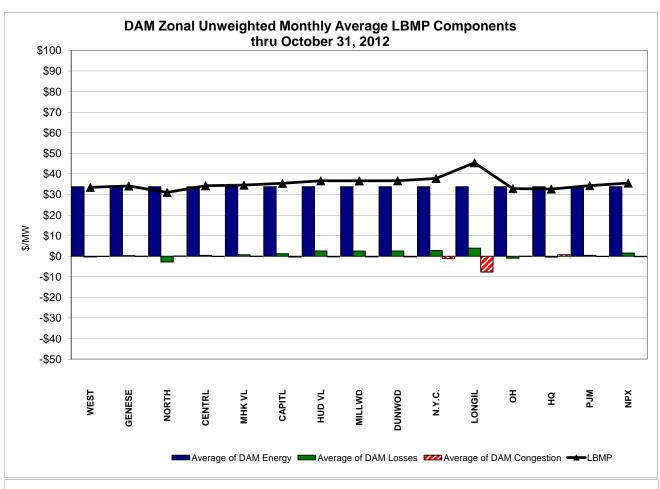


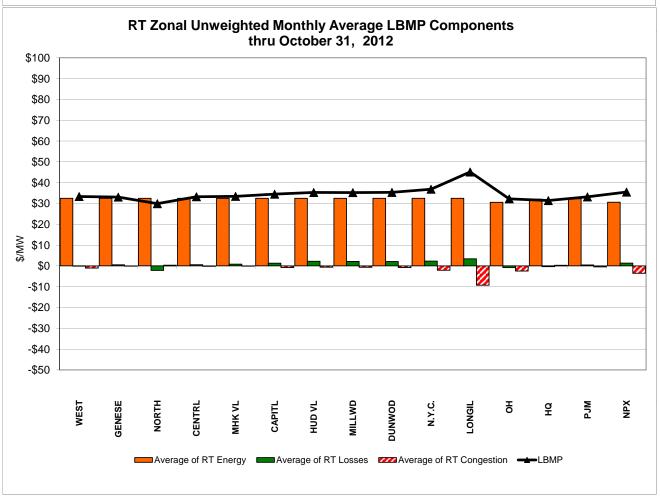




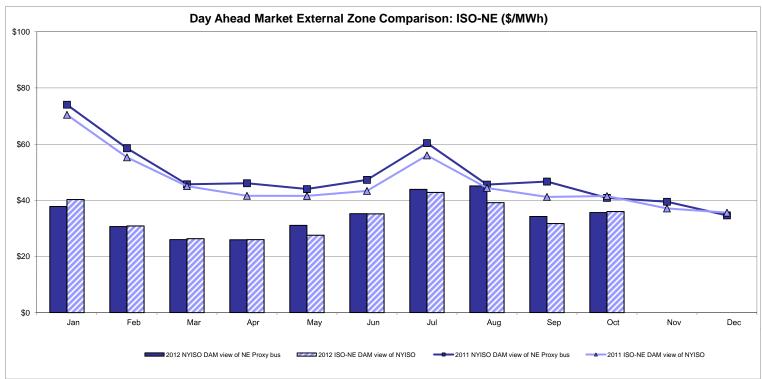


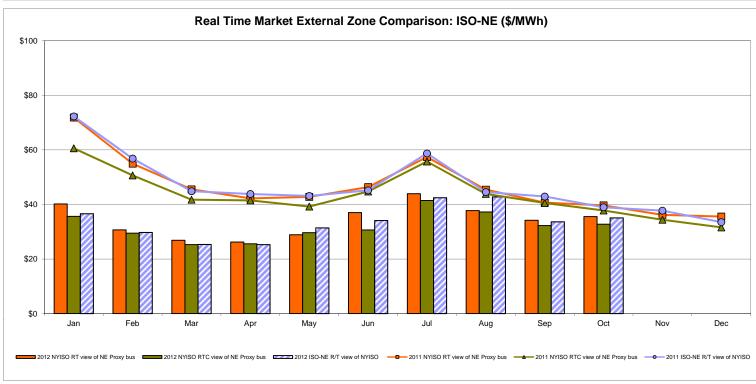




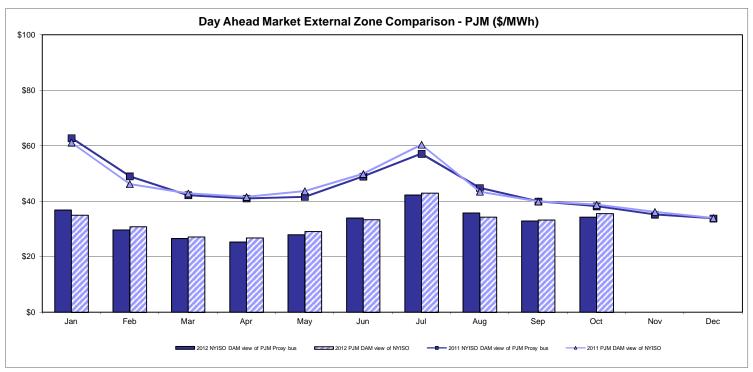


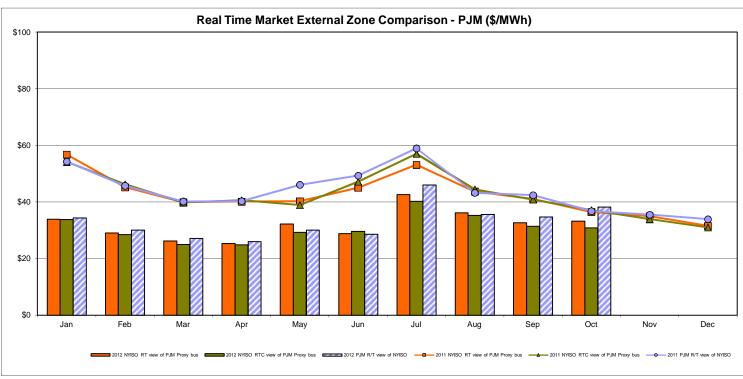
External Comparison ISO-New England



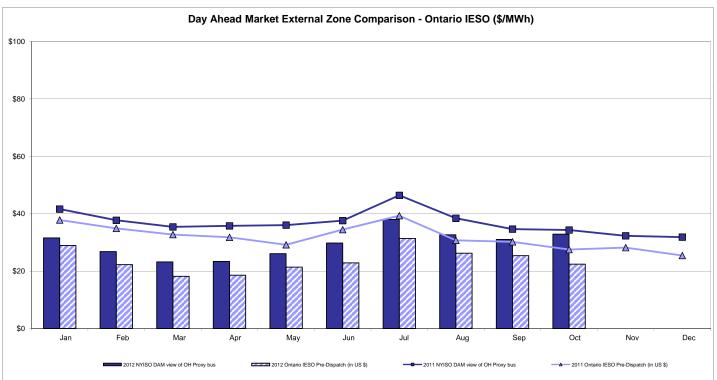


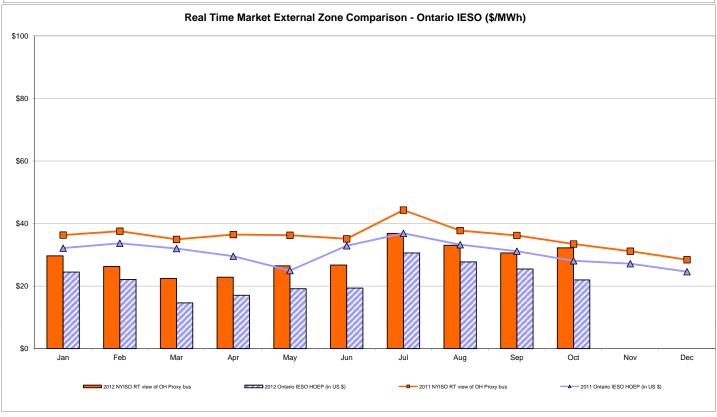
External Comparison PJM





External Comparison Ontario IESO

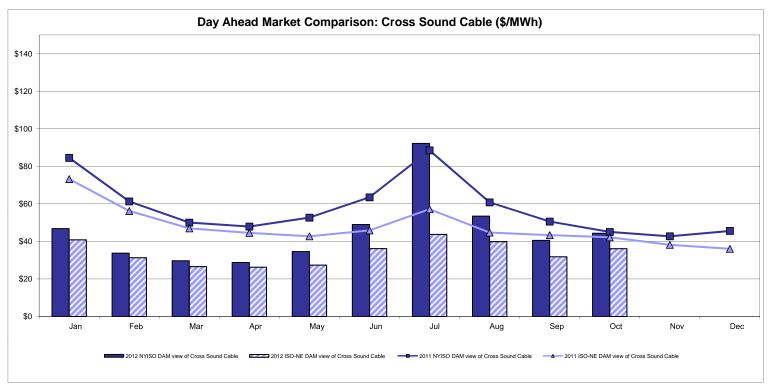


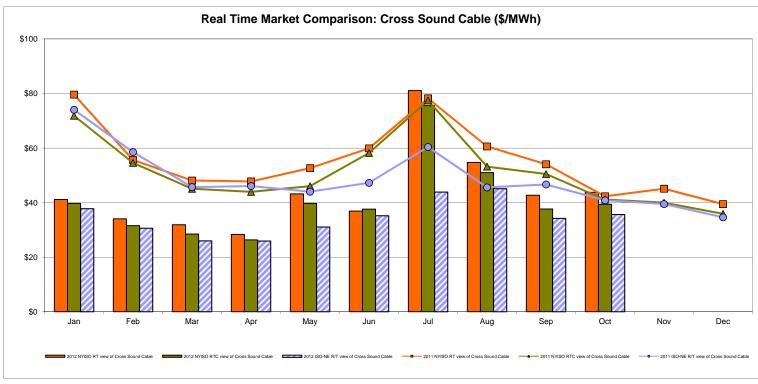


Notes: Exchange factor used for October 2012 was 1.02 to US \$

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

External Controllable Line: Cross Sound Cable (New England)





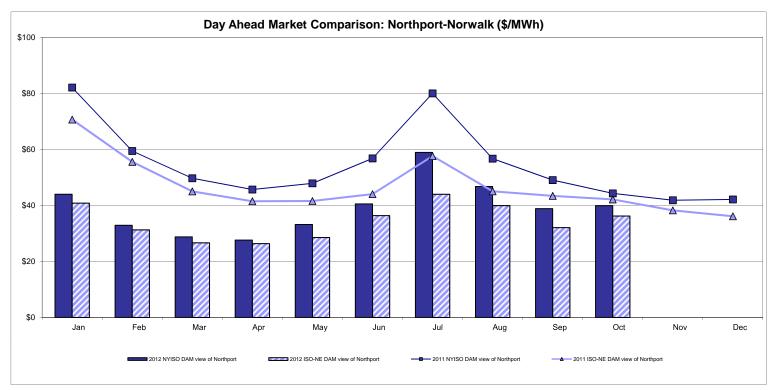
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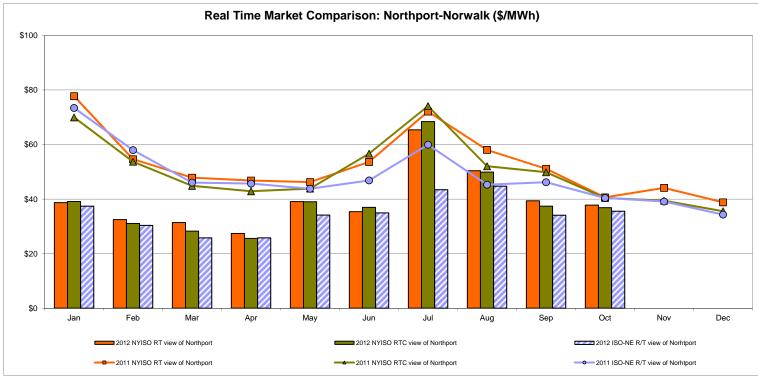
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)





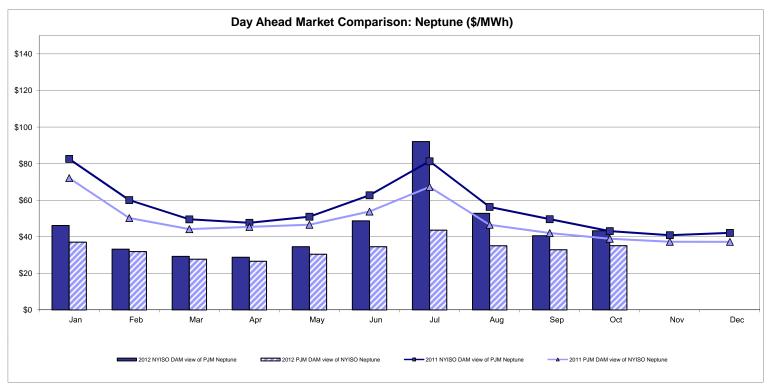
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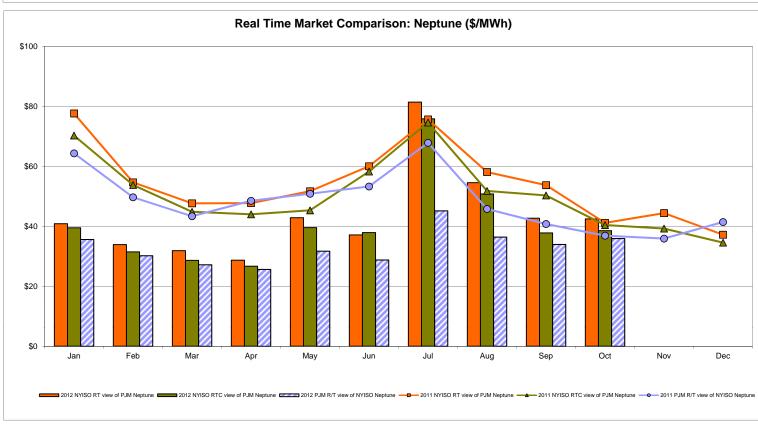
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

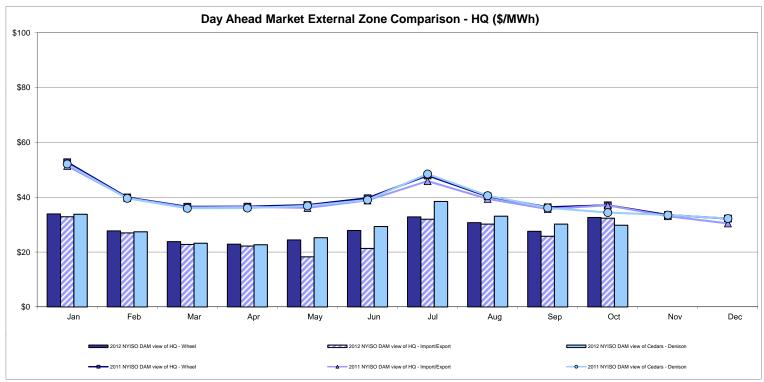
The DAM and R/T prices at the 1385 interface are used for NYISO.

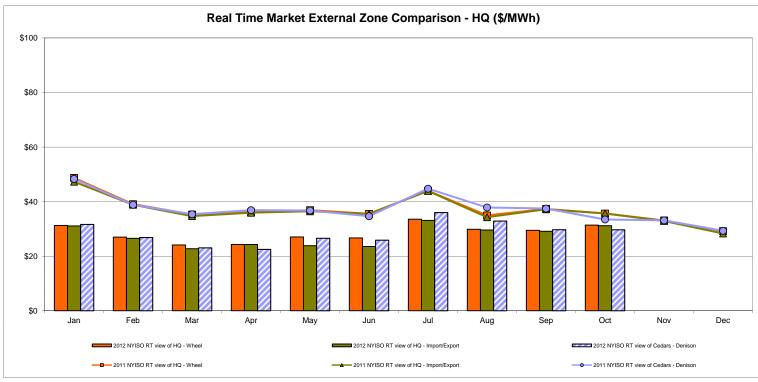
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

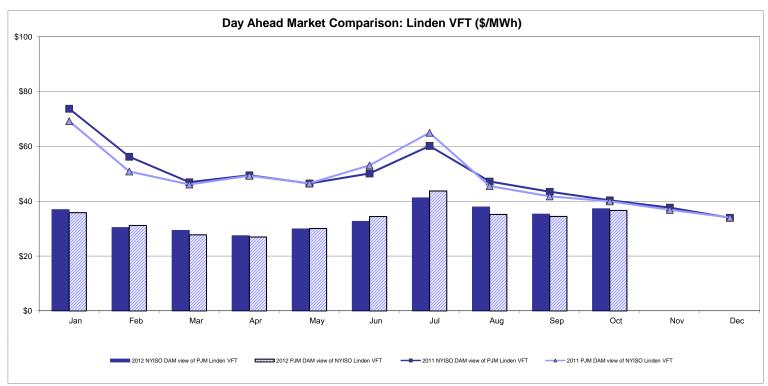


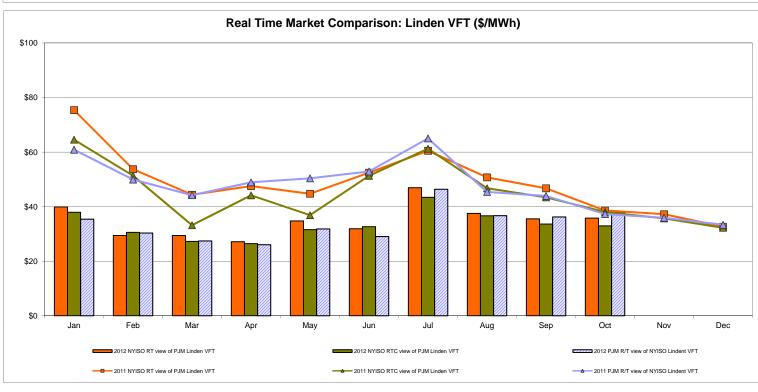


Note:

Hydro-Quebec Prices are unavailable.

External Controllable Line: Linden VFT (PJM)



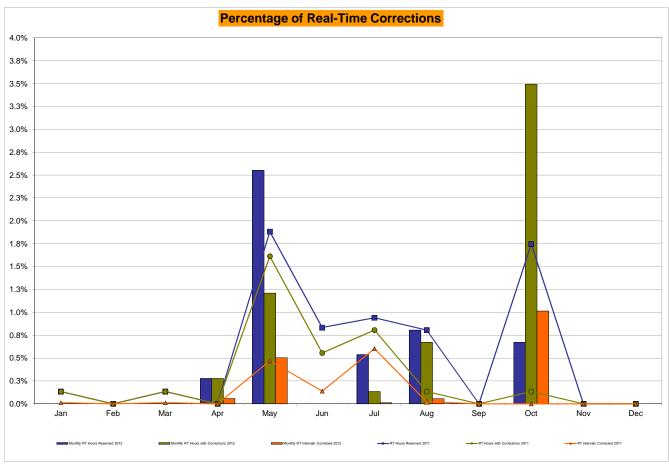


NYISO Real Time Price Correction Statistics

2012 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>	September	<u>October</u>	November	<u>December</u>
Number of hours with corrections	in the month	0	0	0	2	9	0	1	5	0	26		
Number of hours	in the month	744	696	744	720	744	720	744	744	720	744		
% of hours with corrections	in the month	0.00%	0.00%	0.00%	0.28%	1.21%	0.00%	0.13%	0.67%	0.00%	3.49%		
% of hours with corrections	year-to-date	0.00%	0.00%	0.00%	0.07%	0.30%	0.25%	0.23%	0.29%	0.26%	0.59%		
Interval Corrections	year to date	0.0070	0.0070	0.0070	0.07 70	0.0070	0.2070	0.2070	0.2370	0.2070	0.0070		
Number of intervals corrected	in the month	0	0	0	5	45	0	1	5	0	94		
Number of intervals	in the month	8,987	8,375	8,945	8,665	8,957	8,773	9,100	9.043	8,723	9,275		
% of intervals corrected	in the month	0.00%	0.00%	0.00%	0.06%	0.50%	0.00%	0.01%	0.06%	0.00%	1.01%		
		0.00%	0.00%	0.00%	0.01%	0.11%	0.09%	0.08%	0.08%	0.07%	0.17%		
% of intervals corrected Hours Reserved	year-to-date	0.00%	0.00%	0.00%	0.01%	0.11%	0.09%	0.08%	0.08%	0.07%	0.17%		
Number of hours reserved	in the month	0	0	0	2	19	0	4	6	0	5		
Number of hours	in the month	744	696	744	720	744	720	744	744	720	744		
% of hours reserved	in the month	0.00%	0.00%	0.00%	720 0.28%	744 2.55%	720 0.00%		744 0.81%	0.00%	0.67%		
% of nours reserved	in the month	0.00%	0.00%	0.00%	0.28%	2.55%	0.00%	0.54%	0.81%	0.00%	0.67%		
% of hours reserved	year-to-date	0.00%	0.00%	0.00%	0.07%	0.58%	0.48%	0.49%	0.53%	0.47%	0.49%		
Days to Correction *													
Avg. number of days to correction	in the month	0.00	0.00	0.00	0.50	1.00	0.00	0.00	0.40	0.00	0.40		
Avg. number of days to correction	year-to-date	0.00	0.00	0.00	0.50	0.83	0.83	0.71	0.58	0.58	0.53		
Days Without Corrections													
Days without corrections	in the month	31	29	31	28	27	30	30	26	30	27		
Days without corrections	year-to-date	31	60	91	119	146	176	206	232	262	289		
<u>2011</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>	September	<u>October</u>	November	<u>December</u>
Hour Corrections		<u>January</u>		<u>March</u>		<u></u>	<u>June</u>		<u>August</u>		October		
Hour Corrections Number of hours with corrections	in the month	1	0	1	0	12	4	6	1	0	1	0	0
Hour Corrections Number of hours with corrections Number of hours	in the month	1 744	0 672	1 744	0 720	12 744	4 720	6 744	1 744	0 720	1 744	0 720	0 744
Hour Corrections Number of hours with corrections		1	0	1	0	12	4	6	1	0	1	0	0
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month	1 744	0 672	1 744	0 720	12 744	4 720	6 744	1 744	0 720	1 744	0 720	0 744
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	1 744 0.13% 0.13%	0 672 0.00% 0.07%	1 744 0.13% 0.09%	0 720 0.00% 0.07%	12 744 1.61% 0.39%	4 720 0.56% 0.41%	6 744 0.81% 0.47%	1 744 0.13% 0.43%	0 720 0.00% 0.38%	1 744 0.13% 0.36%	0 720 0.00% 0.32%	0 744 0.00% 0.30%
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	1 744 0.13% 0.13%	0 672 0.00% 0.07%	1 744 0.13% 0.09%	0 720 0.00% 0.07%	12 744 1.61% 0.39%	4 720 0.56% 0.41%	6 744 0.81% 0.47%	1 744 0.13% 0.43%	0 720 0.00% 0.38%	1 744 0.13% 0.36%	0 720 0.00% 0.32%	0 744 0.00% 0.30%
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	1 744 0.13% 0.13% 1 8,938	0 672 0.00% 0.07% 0 8,049	1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671	12 744 1.61% 0.39% 42 8,939	4 720 0.56% 0.41% 12 8,661	6 744 0.81% 0.47% 54 8,967	1 744 0.13% 0.43% 2 9,021	0 720 0.00% 0.38% 0 8,678	1 744 0.13% 0.36% 2 8,940	0 720 0.00% 0.32% 0 8,671	0 744 0.00% 0.30% 0 8,954
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	1 744 0.13% 0.13%	0 672 0.00% 0.07%	1 744 0.13% 0.09%	0 720 0.00% 0.07%	12 744 1.61% 0.39%	4 720 0.56% 0.41%	6 744 0.81% 0.47%	1 744 0.13% 0.43%	0 720 0.00% 0.38%	1 744 0.13% 0.36%	0 720 0.00% 0.32%	0 744 0.00% 0.30%
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	1 744 0.13% 0.13% 1 8,938	0 672 0.00% 0.07% 0 8,049	1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671	12 744 1.61% 0.39% 42 8,939	4 720 0.56% 0.41% 12 8,661	6 744 0.81% 0.47% 54 8,967	1 744 0.13% 0.43% 2 9,021	0 720 0.00% 0.38% 0 8,678	1 744 0.13% 0.36% 2 8,940	0 720 0.00% 0.32% 0 8,671	0 744 0.00% 0.30% 0 8,954
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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11%
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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11%
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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744	0 720 0.00% 0.38% 0 8,678 0.00% 0.14%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744	0 720 0.00% 0.32% 0 8,671 0.00% 0.12%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11%
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	in the month in the month year-to-date in the month in the month in the month year-to-date in the month	1 744 0.13% 0.13% 1 8,938 0.01% 0.01%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11%
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	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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744	0 720 0.00% 0.38% 0 8,678 0.00% 0.14%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744	0 720 0.00% 0.32% 0 8,671 0.00% 0.12%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11%
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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 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 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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 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 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 in the month in the month in the month year-to-date	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13% 0.13%	0 672 0.00% 0.07% 0 8,049 0.00% 0.01% 0 672 0.00% 0.07%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00% 0.07%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88% 0.44%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83% 0.51%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94% 0.57%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81% 0.60%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00% 0.53%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75% 0.66%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00% 0.60%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00% 0.55%
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 * Avg. number of days to corrections	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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13% 0.13% 3.00	0 672 0.00% 0.07% 0 8,049 0.00% 0.01% 0 672 0.00% 0.07%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00% 0.07%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88% 0.44%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83% 0.51%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94% 0.57%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81% 0.60%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00% 0.53%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75% 0.66%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00% 0.60%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00% 0.55%
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 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	1 744 0.13% 0.13% 1 8,938 0.01% 0.01% 1 744 0.13% 0.13% 3.00	0 672 0.00% 0.07% 0 8,049 0.00% 0.01% 0 672 0.00% 0.07%	1 744 0.13% 0.09% 1 8,924 0.01% 0.01% 1 744 0.13% 0.09%	0 720 0.00% 0.07% 0 8,671 0.00% 0.01% 0 720 0.00% 0.07%	12 744 1.61% 0.39% 42 8,939 0.47% 0.10% 14 744 1.88% 0.44%	4 720 0.56% 0.41% 12 8,661 0.14% 0.11% 6 720 0.83% 0.51%	6 744 0.81% 0.47% 54 8,967 0.60% 0.18% 7 744 0.94% 0.57%	1 744 0.13% 0.43% 2 9,021 0.02% 0.16% 6 744 0.81% 0.60%	0 720 0.00% 0.38% 0 8,678 0.00% 0.14% 0 720 0.00% 0.53%	1 744 0.13% 0.36% 2 8,940 0.02% 0.13% 13 744 1.75% 0.66%	0 720 0.00% 0.32% 0 8,671 0.00% 0.12% 0 720 0.00% 0.60%	0 744 0.00% 0.30% 0 8,954 0.00% 0.11% 0 744 0.00% 0.55%

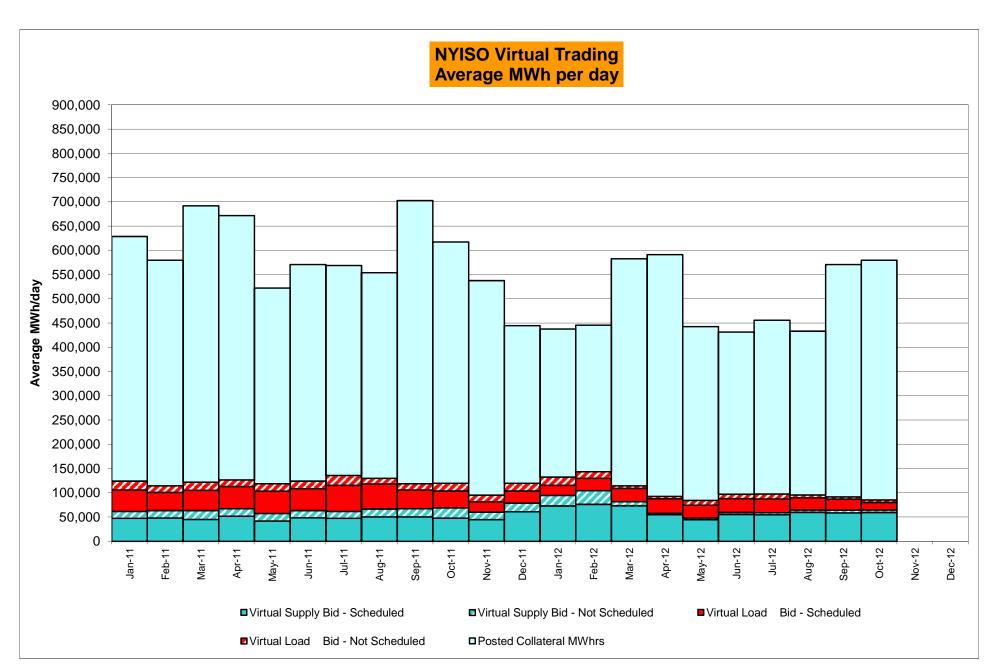
^{*} Calendar days from reservation date.

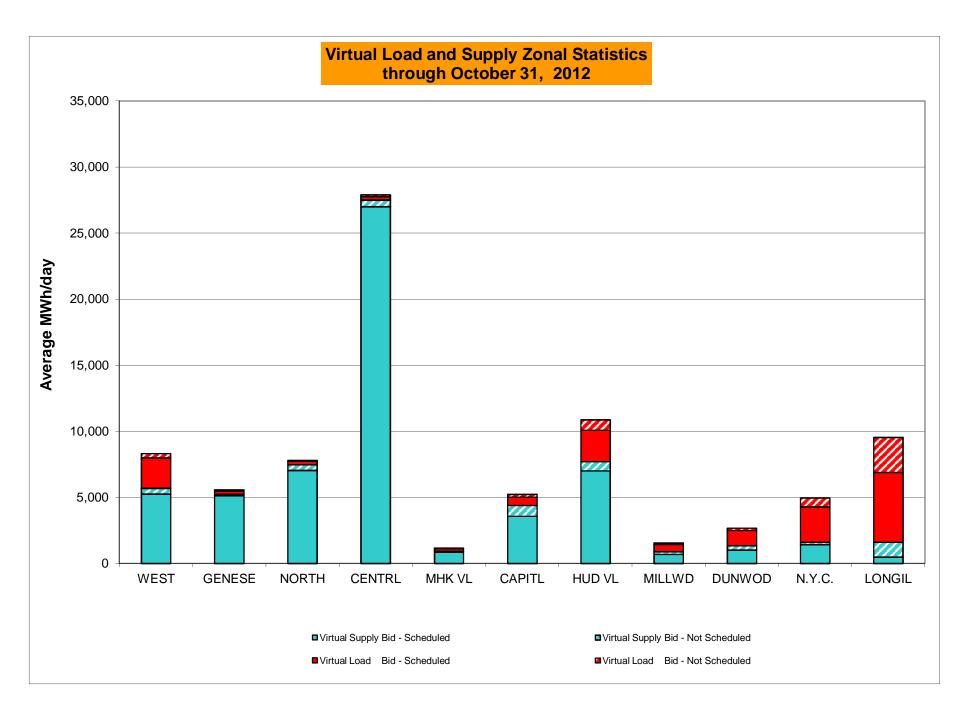
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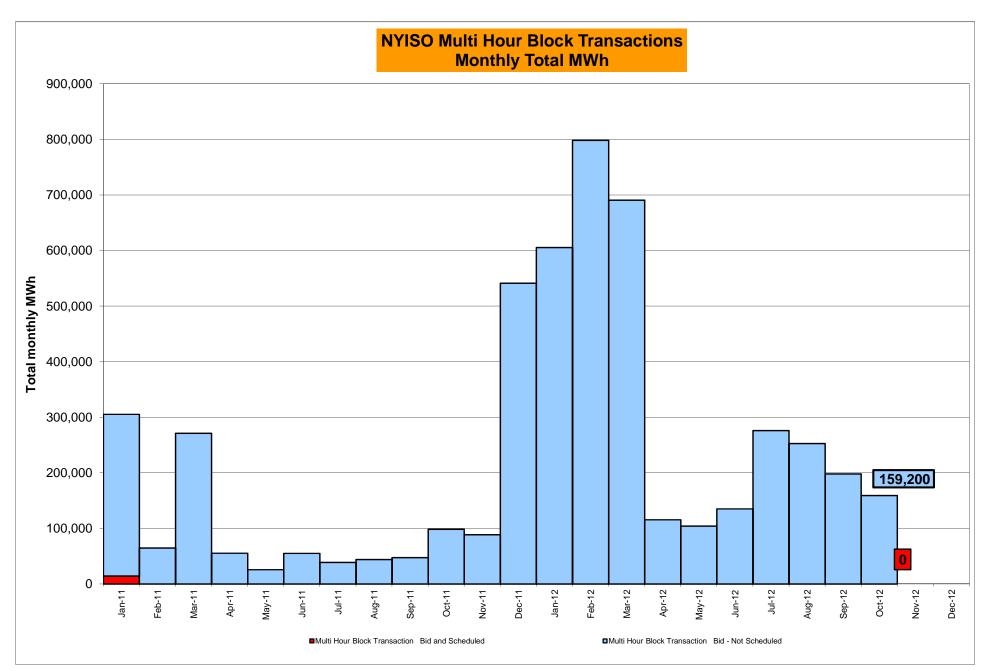
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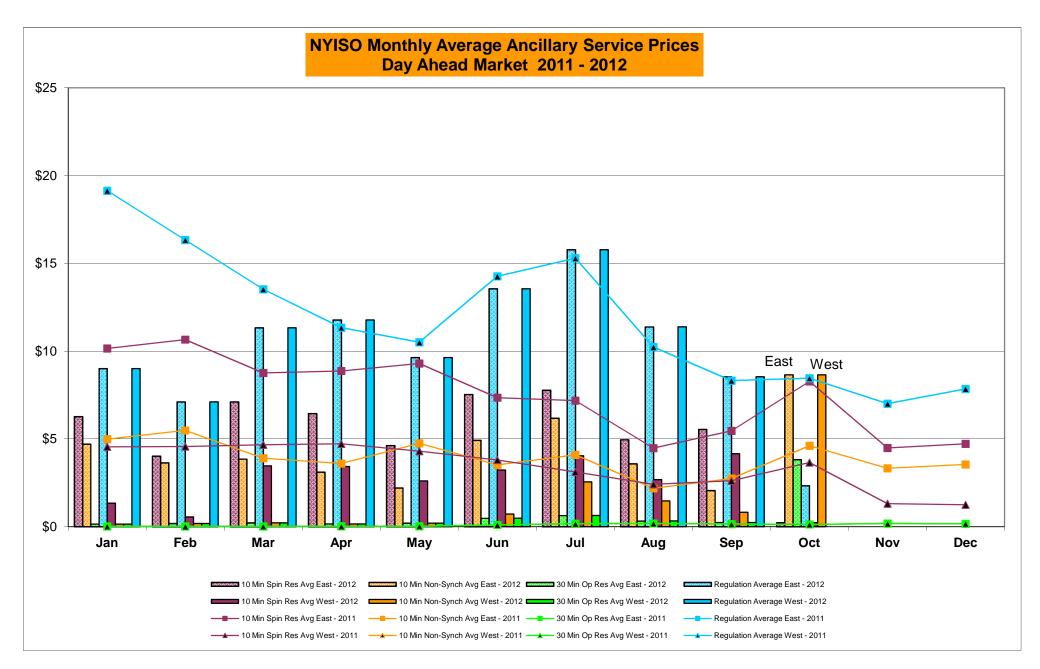


					<u>Virtual</u>	Load and	Supp	oly Zonal	Statistic	s (Avera	ge MWh/da	y) - 2012					
		Virtual L		Virtual S	upply Bid			Virtual L		Virtual Su				Virtual I	Load Bid	Virtual Su	
7	D-1-	0 - 1 1 1	Not	0-1	Not	7	D-1-	0 -1 1-1 - 1	Not	0 - 1 1 - 1 1	Not	7	Date	0-1	Not	0.4	Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	
WEST	Jan-12 Feb-12	2,246 5,195	938 315	13,593 15,119	956 1,672	MHK VL	Jan-12 Feb-12	419 444	967 935	1,488 1,592	1,127 1,303	DUNWOD	Jan-12 Feb-12	1,401 1,805	461 219	1,432 2,922	189 625
	Mar-12	5,195	874		1,856		Mar-12	521	101	863	1,303		Mar-12				135
	Apr-12	6,077	492		427		Apr-12	399	104	872	130		Apr-12	1,476			202
	May-12	3,533	808		385		May-12	255	407	860	206		May-12	2,192			333
	Jun-12	4,260	717		467		Jun-12	385	215	908	164		Jun-12	2,349			226
	Jul-12	5,598	1,402		440		Jul-12	441	105	1,026	141		Jul-12	4,354			326
	Aug-12	5,302	988	9,443	409		Aug-12	376	33	901	186		Aug-12	3,710	,		472
	Sep-12	3,819	595	6,159	422		Sep-12	576	55	952	86		Sep-12	1,478	309	1,086	429
	Oct-12	2,282	342	5,259	444		Oct-12	213	40	858	49		Oct-12	1,152	160	1,007	349
	Nov-12						Nov-12						Nov-12				
	Dec-12						Dec-12						Dec-12			Ī	
GENESE	Jan-12	257 553	102		64	CAPITL	Jan-12	1,903	5,590	3,842	3,364	N.Y.C.	Jan-12	4,572		2,511	9,344
	Feb-12 Mar-12	553 866	52 61		271 283		Feb-12 Mar-12	1,408 1,126	4,213 369	3,379 2,777	5,116		Feb-12 Mar-12	2,819			10,519
	Apr-12	580	151		147		Apr-12	1,126	645	2,777	904 244		Apr-12	5,449 6,909			1,548 66
	May-12	887	449		213		May-12	1,126	527	3,813	763	_	May-12	5,170			56
	Jun-12	1,648	236		225		Jun-12	2,949	597	3,591	855	_	Jun-12	4,056			137
	Jul-12	1,404	154		238		Jul-12	600	552	4,115	723		Jul-12	5,402	,		306
	Aug-12	639	46		175		Aug-12	851	302	3,747	626		Aug-12	4,066		1,121	314
	Sep-12	374	94		115		Sep-12	1,017	306	2,267	903		Sep-12				199
	Oct-12	259			114		Oct-12	623	199	3,580	818		Oct-12	2,676			185
	Nov-12			- ,			Nov-12			-,			Nov-12	,		· ·	
	Dec-12						Dec-12						Dec-12				
NORTH	Jan-12	289	967	7,215	1,189	HUD VL	Jan-12	3,466	693	9,513	2,413	LONGIL	Jan-12	5,372			1,383
	Feb-12	332	935	7,359	1,119		Feb-12	5,087	794	9,250	3,788		Feb-12	6,810			1,708
	Mar-12	478			691		Mar-12	5,032	665	8,136	1,221		Mar-12	6,675			624
	Apr-12	357 127	85 379		645 686		Apr-12	3,748 5,563	1,147 1,356	11,772 7,084	442 563		Apr-12	7,354			17
	May-12 Jun-12	149			795		May-12 Jun-12	4,574	1,356	7,084	426		May-12 Jun-12	6,077 6,801	2,303		69 195
	Jul-12	108			378		Jul-12	5,085	1,306	6,520	530	_	Jul-12	2,980			1,147
	Aug-12	365			761		Aug-12	4,027	841	6,628	747		Aug-12				932
	Sep-12	241	45		732		Sep-12	4,499	867	7,947	887		Sep-12	6,107			1,151
	Oct-12	271	56		423		Oct-12	2.396	792	7,023	673		Oct-12	5,260			1,140
	Nov-12			,			Nov-12	,		,			Nov-12	-,	, = = =		, -
	Dec-12						Dec-12						Dec-12				
CENTRL	Jan-12 Feb-12	526 757	1,178 1,175	26,589 25,087	1,270 2,011	MILLWD	Jan-12 Feb-12	505 379	206 161	929 949	50 88	NYISO	Jan-12 Feb-12	20,956 25,588			21,349 28,222
	Mar-12	993	1,175	25,087	1,187		Mar-12	442	99	736	79		Mar-12	25,588		76,209	8,725
	Apr-12	993	169		1,187		Apr-12	556	134	1,019	109	+	Apr-12	30,003		55,170	2,572
	May-12	630	543		265		May-12	602	540	875	237	+	May-12		,	,	3,776
	Jun-12	596	292		263		Jun-12	919	583	530	124	1	Jun-12	28,686			3,877
	Jul-12	747	339		150		Jul-12	1,234	361	455	113	1	Jul-12	27,954		54,699	4,491
	Aug-12	912			153		Aug-12	709	138	478	72	1	Aug-12			59,865	4,848
	Sep-12	636			243		Sep-12	557	136	945	254	1	Sep-12	22,485			5,421
	Oct-12	254	121	27,007	517		Oct-12	555	115	700	190		Oct-12	15,941	5,236		4,901
	Nov-12						Nov-12					1	Nov-12				·
	Dec-12						Dec-12						Dec-12				

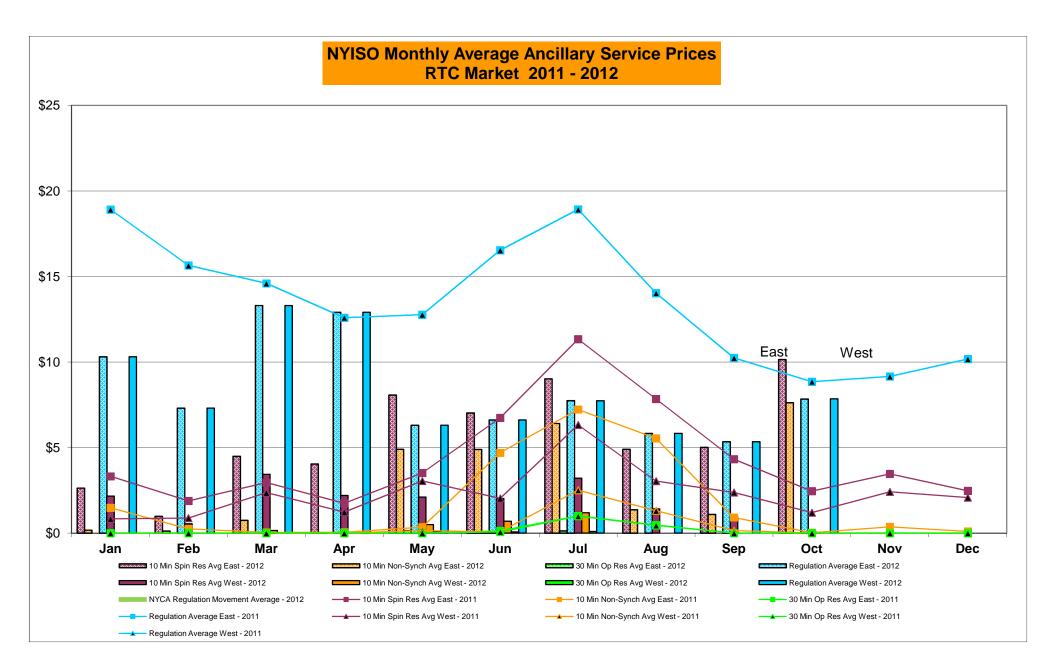
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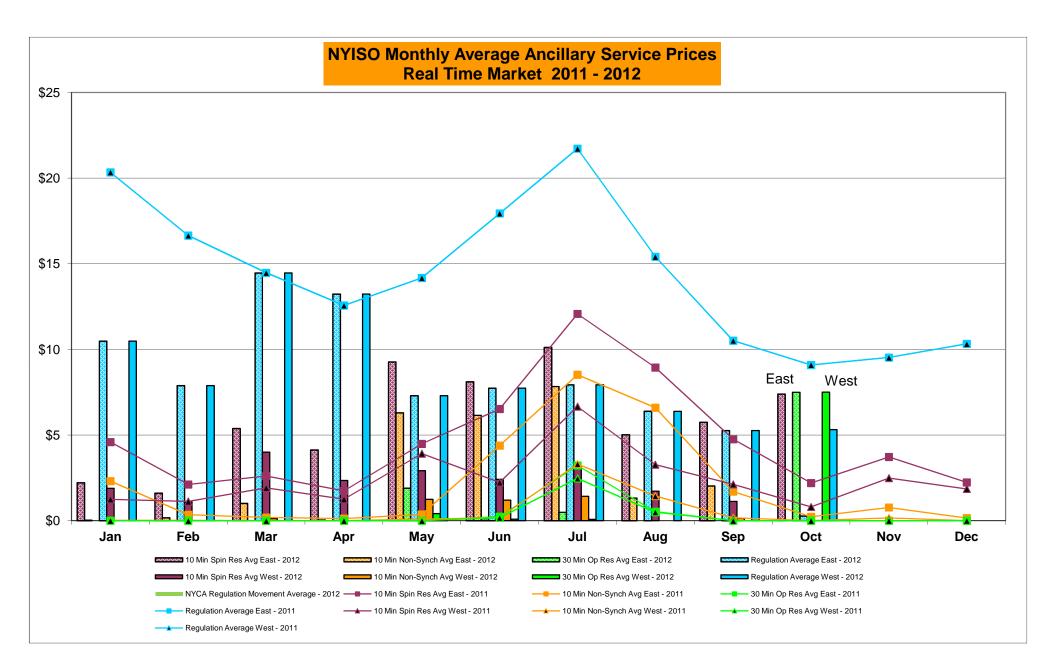
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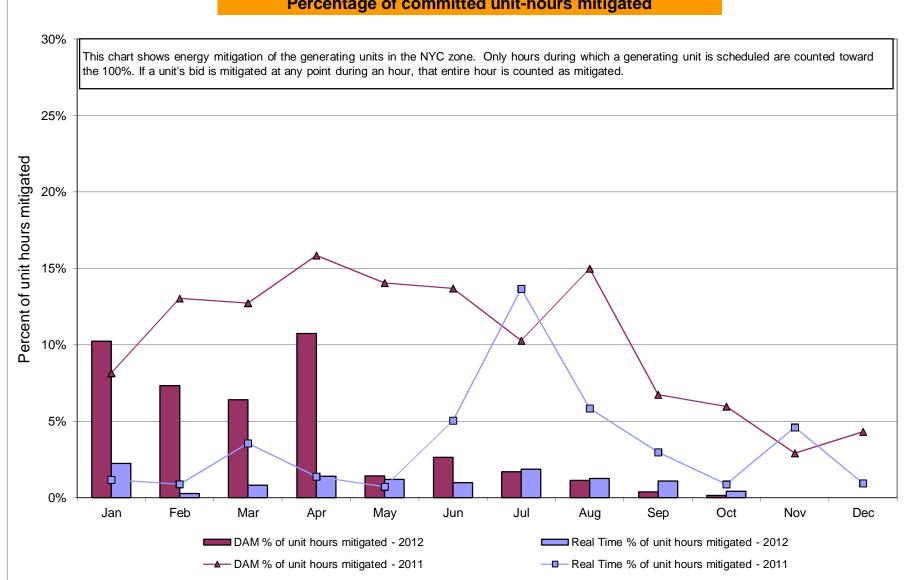


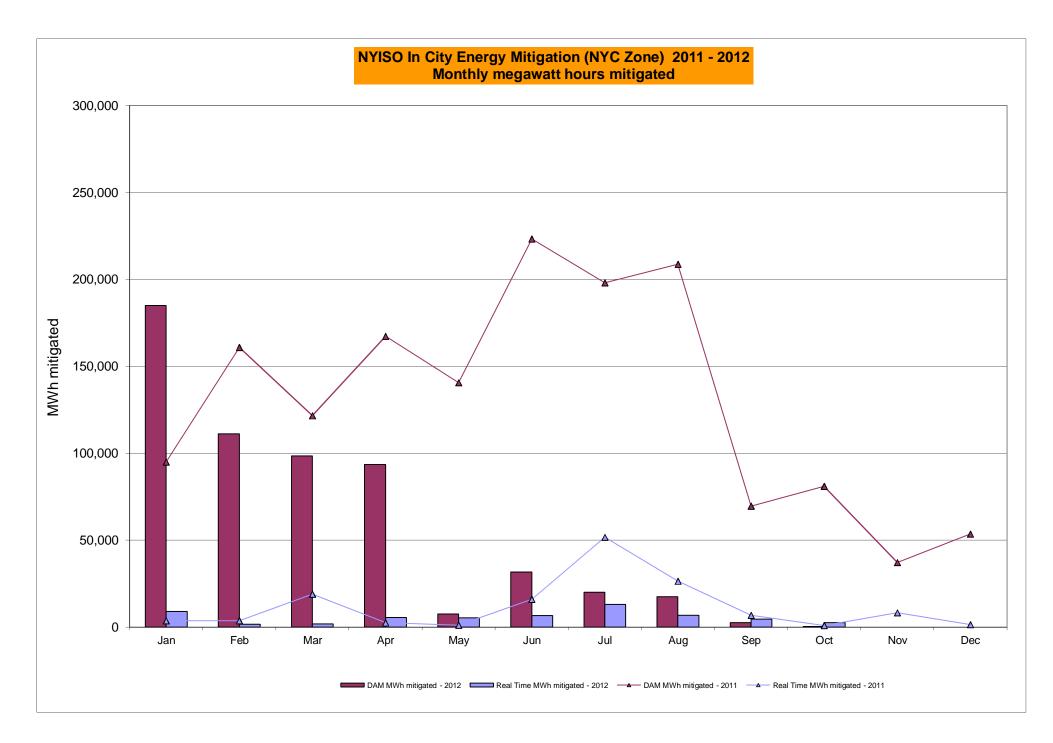
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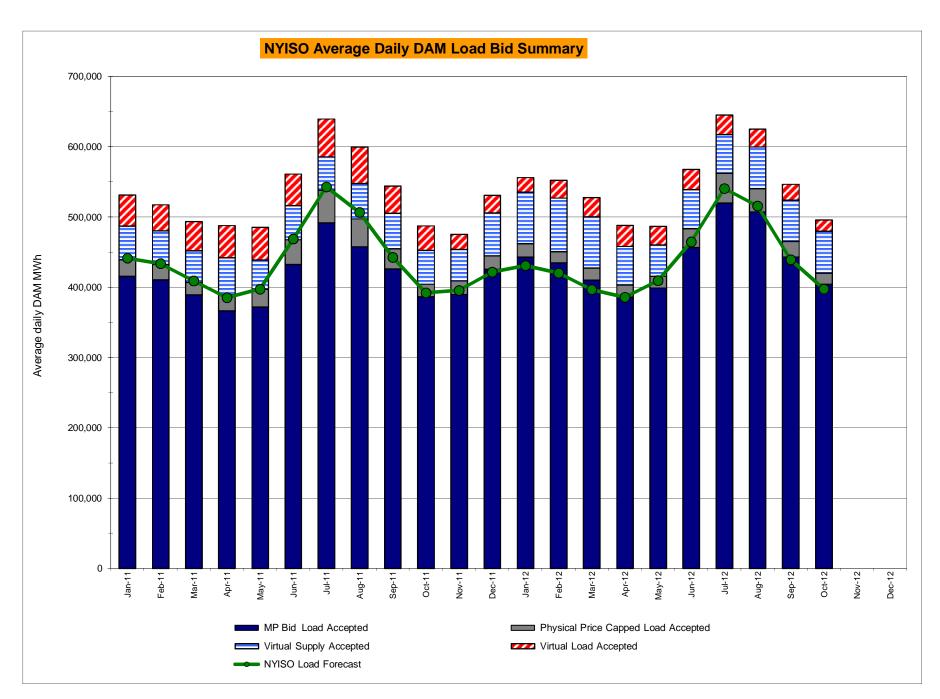
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

2012	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	June	<u>July</u>	August	<u>September</u>	October	November	December
Day Ahead Market												
10 Min Spin East	6.26	4.01	7.11	6.44	4.62	7.54	7.77	4.95	5.55	5.32		
10 Min Spin West	1.34	0.56	3.46	3.43	2.61	3.23	4.04	2.68	4.16	3.82		
10 Min Non Synch East	4.71	3.64	3.85	3.11	2.21	4.92	6.18	3.58	2.07	3.84		
10 Min Non Synch West	0.15	0.18	0.22	0.16	0.20	0.72	2.55	1.47	0.82	2.34		
30 Min East	0.15	0.18	0.22	0.16	0.20	0.48	0.64	0.33	0.23	0.23		
30 Min West	0.15	0.18	0.22	0.16	0.20	0.48	0.64	0.33	0.23	0.23		
Regulation East	9.01	7.11	11.33	11.77	9.63	13.55	15.78	11.38	8.54	8.65		
Regulation West	9.01	7.11	11.33	11.77	9.63	13.55	15.78	11.38	8.54	8.65		
RTC Market												
10 Min Spin East	2.64	0.99	4.49	4.05	8.07	7.03	9.02	4.91	5.02	10.16		
10 Min Spin West	2.16	0.55	3.43	2.20	2.11	2.02	3.21	1.41	0.95	0.13		
10 Min Non Synch East	0.17	0.13	0.75	0.02	4.90	4.90	6.42	1.36	1.10	7.62		
10 Min Non Synch West	0.00	0.00	0.15	0.00	0.50	0.69	1.19	0.00	0.00	0.03		
30 Min East	0.00	0.00	0.00	0.00	0.16	0.07	0.13	0.00	0.00	0.00		
30 Min West	0.00	0.00	0.00	0.00	0.07	0.07	0.10	0.00	0.00	0.00		
Regulation East	10.31	7.31	13.30	12.91	6.31	6.61	7.74	5.83	5.35	7.85		
Regulation West	10.31	7.31	13.30	12.91	6.31	6.61	7.74	5.83	5.35	7.85		
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Real Time Market												
10 Min Spin East	2.21	1.61	5.38	4.14	9.27	8.11	10.12	5.01	5.75	9.93		
10 Min Spin West	1.89	1.09	4.00	2.34	2.92	2.41	3.20	1.72	1.13	0.28		
10 Min Non Synch East	0.03	0.17	1.01	0.03	6.31	6.15	7.84	1.33	2.03	7.39		
10 Min Non Synch West	0.00	0.00	0.13	0.00	1.24	1.20	1.42	0.00	0.14	0.00		
30 Min East	0.00	0.00	0.00	0.00	1.90	0.13	0.49	0.00	0.00	0.00		
30 Min West	0.00	0.00	0.00	0.00	0.41	0.09	0.08	0.00	0.00	0.00		
Regulation East	10.49	7.89	14.46	13.23	7.30	7.74	7.93	6.39	5.27	7.50		
Regulation West	10.49	7.89	14.46	13.23	7.30	7.74	7.93	6.39	5.27	7.50		
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	I	F-1	Manala	A!1		I	L.L.	A	0	0-1-1	Marianakan	D
2011	<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>
2011 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>	<u>October</u>	November	<u>December</u>
Day Ahead Market	-								·			
Day Ahead Market 10 Min Spin East	10.15	10.66	8.76	8.87	9.30	7.35	7.18	4.47	5.46	7.76	4.48	4.72
Day Ahead Market 10 Min Spin East 10 Min Spin West	10.15 4.55	10.66 4.56	8.76 4.67	8.87 4.72	9.30 4.30	7.35 3.80	7.18 3.12	4.47 2.42	5.46 2.62	7.76 3.15	4.48 1.32	4.72 1.25
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	10.15 4.55 4.99	10.66 4.56 5.48	8.76 4.67 3.90	8.87 4.72 3.60	9.30 4.30 4.75	7.35 3.80 3.51	7.18 3.12 4.10	4.47 2.42 2.19	5.46 2.62 2.75	7.76 3.15 4.62	4.48 1.32 3.33	4.72 1.25 3.55
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	10.15 4.55 4.99 0.02	10.66 4.56 5.48 0.02	8.76 4.67 3.90 0.02	8.87 4.72 3.60 0.03	9.30 4.30 4.75 0.03	7.35 3.80 3.51 0.10	7.18 3.12 4.10 0.17	4.47 2.42 2.19 0.19	5.46 2.62 2.75 0.15	7.76 3.15 4.62 0.14	4.48 1.32 3.33 0.18	4.72 1.25 3.55 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	10.15 4.55 4.99 0.02 0.02	10.66 4.56 5.48 0.02 0.02	8.76 4.67 3.90 0.02 0.02	8.87 4.72 3.60 0.03 0.03	9.30 4.30 4.75 0.03 0.03	7.35 3.80 3.51 0.10 0.10	7.18 3.12 4.10 0.17 0.17	4.47 2.42 2.19 0.19 0.19	5.46 2.62 2.75 0.15 0.15	7.76 3.15 4.62 0.14 0.14	4.48 1.32 3.33 0.18 0.18	4.72 1.25 3.55 0.17 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	10.15 4.55 4.99 0.02 0.02 0.02	10.66 4.56 5.48 0.02 0.02 0.02	8.76 4.67 3.90 0.02 0.02 0.02	8.87 4.72 3.60 0.03 0.03 0.03	9.30 4.30 4.75 0.03 0.03 0.03	7.35 3.80 3.51 0.10 0.10 0.10	7.18 3.12 4.10 0.17 0.17 0.17	4.47 2.42 2.19 0.19 0.19 0.19	5.46 2.62 2.75 0.15 0.15	7.76 3.15 4.62 0.14 0.14	4.48 1.32 3.33 0.18 0.18 0.18	4.72 1.25 3.55 0.17 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	10.15 4.55 4.99 0.02 0.02	10.66 4.56 5.48 0.02 0.02	8.76 4.67 3.90 0.02 0.02	8.87 4.72 3.60 0.03 0.03	9.30 4.30 4.75 0.03 0.03	7.35 3.80 3.51 0.10 0.10	7.18 3.12 4.10 0.17 0.17	4.47 2.42 2.19 0.19 0.19	5.46 2.62 2.75 0.15 0.15	7.76 3.15 4.62 0.14 0.14	4.48 1.32 3.33 0.18 0.18	4.72 1.25 3.55 0.17 0.17
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West	10.15 4.55 4.99 0.02 0.02 0.02 19.14	10.66 4.56 5.48 0.02 0.02 0.02 16.33	8.76 4.67 3.90 0.02 0.02 0.02 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29	4.47 2.42 2.19 0.19 0.19 0.19 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West	10.15 4.55 4.99 0.02 0.02 19.14 19.14	10.66 4.56 5.48 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 15.29 15.29	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29	4.47 2.42 2.19 0.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West REGULATION WEST REGULATION WEST REGULATION WEST RTC Market 10 Min Spin East 10 Min Spin West	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29	4.47 2.42 2.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02	4.48 1.32 3.33 0.18 0.18 7.01 7.01	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Synch East	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04	8.87 4.72 3.60 0.03 0.03 11.34 11.34	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23	4.47 2.42 2.19 0.19 0.19 10.23 10.23	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37	4.72 1.25 3.55 0.17 0.17 7.85 7.85 2.47 2.08 0.09
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	10.15 4.55 4.99 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26	7.18 3.12 4.10 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16	7.76 3.15 4.62 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01	4.72 1.25 3.55 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	10.15 4.55 4.99 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00	8.87 4.72 3.60 0.03 0.03 11.34 11.34 11.34	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00	7.35 3.80 3.51 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13	7.18 3.12 4.10 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00	4.72 1.25 3.55 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West	10.15 4.55 4.99 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00	8.87 4.72 3.60 0.03 0.03 11.34 11.34 11.23 0.05 0.00 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00	4.72 1.25 3.55 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West	10.15 4.55 4.99 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00	8.87 4.72 3.60 0.03 0.03 11.34 11.34 11.23 0.05 0.00 0.00	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00	4.72 1.25 3.55 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West	10.15 4.55 4.99 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16	4.72 1.25 3.55 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation East	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91	10.66 4.56 5.48 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 12.59 12.59	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16	4.72 1.25 3.55 0.17 0.17 7.85 7.85 7.85 2.47 2.08 0.09 0.00 0.00 10.18 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation West Regulation West Regulation West Real Time Market 10 Min Spin East 10 Min Spin East	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 16.33 1.88 0.89 0.25 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 9.62 9.62 3.03 1.50	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 9.16 9.16	4.72 1.25 3.55 0.17 0.17 7.85 7.85 7.85 2.47 2.08 0.09 0.00 0.00 10.18 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation East Regulation East Regulation West	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91	10.66 4.56 5.48 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60	8.87 4.72 3.60 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 12.59 12.59	9.30 4.30 4.75 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62	4.48 1.32 3.33 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 9.16 9.16	4.72 1.25 3.55 0.17 0.17 7.85 7.85 7.85 2.47 2.08 0.09 0.00 0.00 10.18 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West Regulation West Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Spin West	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91 4.59 1.25 2.31	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52	7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62 3.03 1.50 0.21	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 9.16 9.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation East Regulation West Real Time Market 10 Min Spin West 10 Min Spin West 10 Min Spin West	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91 4.59 1.25 2.31 0.02	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59 12.59	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77 4.49 3.92 0.37 0.10	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52 3.31	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 0.00 9.62 9.62 3.03 1.50 0.21 0.00	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16 3.72 2.49 0.77 0.16	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West Regulation East Regulation West Real Time Market 10 Min Spin West 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Non Synch West 30 Min East	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91 4.59 1.25 2.31 0.02 0.00	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 16.33 1.88 0.89 0.25 0.00 0.00 15.65 15.65 2.12 1.12 0.35 0.02 0.00	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60 2.61 1.92 0.19 0.00 0.00	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 1.74 1.23 0.05 0.00 0.00 12.59 12.59 12.59	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77 4.49 3.92 0.37 0.10 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52 3.31 3.22	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24 4.75 2.12 1.71 0.17	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 9.62 9.62 3.03 1.50 0.21 0.00 0.00	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16 3.72 2.49 0.77 0.16 0.00	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 0.00 10.18 10.18
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation East Regulation East Regulation West Regulation West Resulation West Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min East 30 Min East	10.15 4.55 4.99 0.02 0.02 0.02 19.14 19.14 19.14 3.32 0.83 1.48 0.00 0.00 0.00 18.91 18.91 4.59 1.25 2.31 0.02 0.00	10.66 4.56 5.48 0.02 0.02 0.02 16.33 16.33 1.88 0.89 0.25 0.00 0.00 0.00 15.65 15.65	8.76 4.67 3.90 0.02 0.02 0.02 13.53 13.53 2.96 2.37 0.04 0.00 0.00 14.60 14.60 2.61 1.92 0.19 0.00 0.00 0.00 0.00	8.87 4.72 3.60 0.03 0.03 0.03 11.34 11.34 11.34 1.74 1.23 0.05 0.00 0.00 0.00 12.59 12.59 17.4 1.26 0.13 0.00 0.00 0.00 0.00 0.00 0.00 0.00	9.30 4.30 4.75 0.03 0.03 0.03 10.51 10.51 3.52 3.05 0.35 0.15 0.00 0.00 12.77 12.77 4.49 3.92 0.37 0.10 0.00 0.00	7.35 3.80 3.51 0.10 0.10 0.10 14.26 14.26 6.74 2.03 4.69 0.07 0.13 0.07 16.54 16.54 16.54	7.18 3.12 4.10 0.17 0.17 0.17 15.29 15.29 11.34 6.33 7.23 2.51 1.01 1.00 18.93 18.93 12.08 6.66 8.52 3.31 3.22 2.47	4.47 2.42 2.19 0.19 0.19 10.23 10.23 7.84 3.04 5.54 1.31 0.47 0.45 14.03 14.03 14.03	5.46 2.62 2.75 0.15 0.15 0.15 0.15 8.32 8.32 4.33 2.38 0.91 0.16 0.00 0.00 10.24 10.24 4.75 2.12 1.71 0.17 0.00 0.00	7.76 3.15 4.62 0.14 0.14 0.14 8.02 8.02 3.84 2.23 0.10 0.00 0.00 9.62 9.62 3.03 1.50 0.21 0.00 0.00 0.00 0.00 0.00	4.48 1.32 3.33 0.18 0.18 0.18 7.01 7.01 3.46 2.41 0.37 0.01 0.00 0.00 9.16 9.16 3.72 2.49 0.77 0.16 0.00 0.00 0.00	4.72 1.25 3.55 0.17 0.17 0.17 7.85 7.85 2.47 2.08 0.09 0.00 0.00 0.00 10.18 10.18

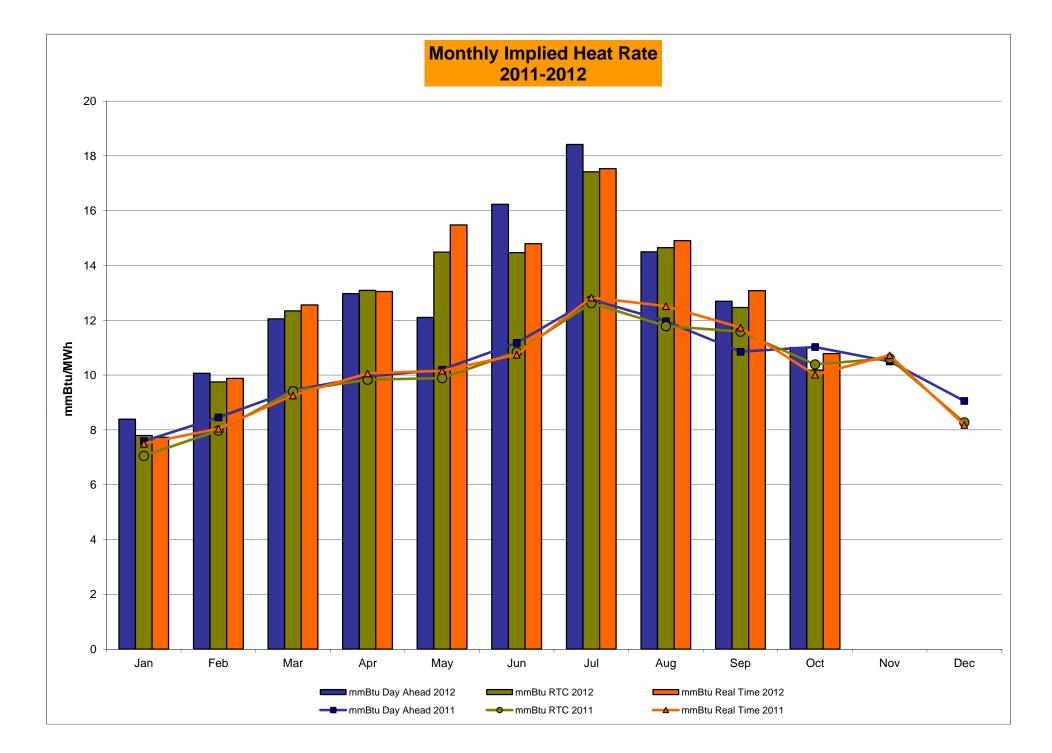




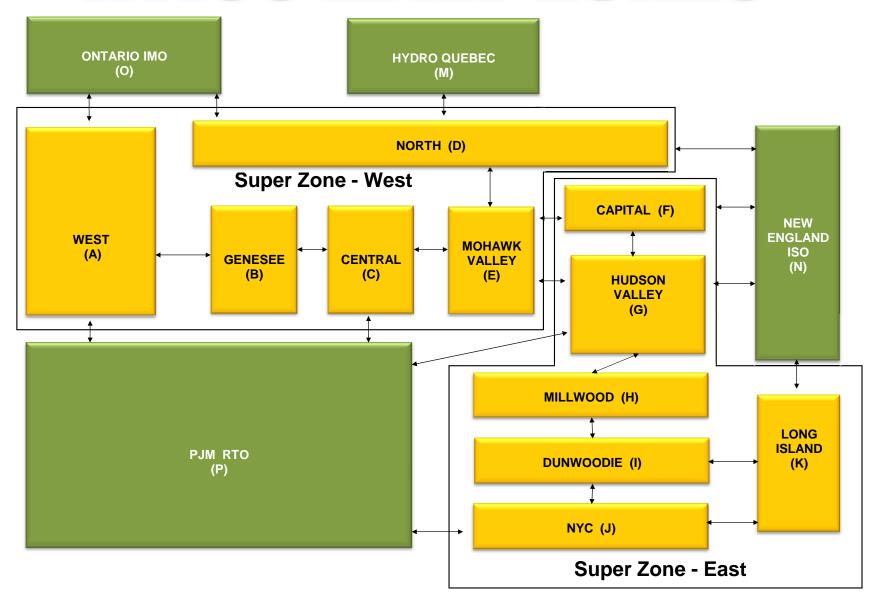




Market Mitigation and Analysis Prepared: 11/6/2012 10:45 AM



NYISO LBMP ZONES



Billing Codes for Chart 4-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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Summary Description of Upcoming Regulatory Compliance Filings, FERC Rulemakings, and Recent Submitted Filings and Issued Orders on NYISO Matters

Upcoming Compliance Filings

Filing Due Date	Upcoming Compliance Filings (Description)	Docket Number	Comments
11/30/2012	NYISO compliance re: black start and system restoration services	ER12-2568-001	10/31/12 FERC order accepting NYISO's 8/31/12 filing subject to a compliance filing to revise Market Services Tariff section 15.5
12/06/2012	NYISO compliance with Order Nos. 755 and 755-A re: frequency regulation	ER12-1653-000, 001	11/6/12 FERC order conditionally accepting in part and rejecting in part NYISO's 4/30/12 and 8/17/12 compliance filings and directing NYISO to file a compliance filing with appropriate tariff revisions and a revised effective date

Recently Received Orders

Filing Date	Filing Summary (Order issued)	Docket Number	Order Date	Order Summary
04/30/2012	NYISO Order No. 755 compliance filing re: compensation for providers of regulation services	ER12-1653-000	11/06/2012	Order partially accepting the filing and directing further compliance and an informational report
08/17/2012	NYISO second compliance filing re: Order No. 755 directives re: compensation for providers of Regulation Service related to 4/30/12 compliance filing	ER12-1653-000	11/06/2012	Order partially accepting the filing and directing further compliance and an informational report
08/31/2012	NYISO 205 filing on proposed MST and OATT revisions re: black start and system restoration service	ER12-2568-000	10/31/2012	FERC order accepting revisions subject to conditions/compliance filing – revisions effective 11/01/12, as requested
09/07/2012	NYISO 205 filing re: tariff revision OATT RS1, ISO cost revenue recovery	ER12-2598-000	10/24/2012	FERC letter order accepting revisions effective 1/1/13, as requested
09/13/2012	NYISO Order No. 719 compliance re: enable aggregators of small DSR to participate in Operating Reserves and Regulation Service markets	ER12-2622-000	11/01/2012	FERC letter order accepting revisions effective 4/1/13, as requested
09/18/2012	NYISO errata filing to 9/7/12, NYISO's 205 filing to clarify tariff language re: tariff revision OATT RS1, ISO cost revenue recovery	ER12-2598-001	10/24/2012	FERC letter order accepting revisions effective 1/1/13, as requested
10/12/2012	NYISO filing/motion to defer effective date of previously accepted tariff revision and requested for waiver on ICAP credit requirement filing	ER13-117-000	11/09/2012	FERC letter order accepting 11/16/12 as revised effective date for enhanced credit requirements for the ICAP spot market auction

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Recently Submitted Filings

11000111119	Submitted i mings	
Filing		Docket
Date	Filing Summary	Number
10/24/2012	ISO/RTO Council Motion for Extension of Time to File Answers to Comments on Order No. 1000 Filings	ER13-102-000
10/26/2012	NYISO electronic filing re: 3 rd Quarter 2012 Electric Quarterly Report	ER02-2001-000
10/31/2012	NYISO filing of a request for clarification or, in the alternative, rehearing of the Commission's October 1, 2012 Order on Complaint	EL12-64-000
11/02/2012	NYISO 205 filing re: ancillary services mitigation offers	ER13-298-000
11/02/2012	NYISO filing of a 2nd Amended and Restated Small Generator Interconnection Agreement among the NYISO, NiMo, and Albany Energy	ER13-300-000
11/09/2012	NYISO filing of a request for extension of time to file its annual ICAP Demand Curve Report	ER01-3001-000, ER03-647- 000
11/13/2012	NYISO compliance re: 15 minute variable scheduling at the PJM Linden VFT proxy generator bus	ER11-2547-008
11/13/2012	NYISO filing of an answer to the Hudson Transmission Partners complaint v. NYISO re: Buyer-Side Market Power Mitigation Measures Rules	EL12-98-000
11/13/2012	NYISO filing re: opposing MISO motion to supplement the record concerning the MI/ON PARs issue	ER11-1844-002
11/20/2012	NYISO filing of a request to extend the filing deadline for part of the Order No. 755 compliance re: frequency regulation (ER12-1653-000)(ER12-1653-000
11/20/2012	NYISO 205 tariff filing re: blind trust mechanism	ER13-435-000
11/20/2012	NYISO 205 ISO Agreement filing re: blind trust mechanism	ER13-437-000
11/21/2012	NYISO filing of a motion to intervene and comment re: the Air Energy TCI request for waiver of certain generator interconnection requirements in OATT Attachments S and X	ER13-296-000
11/26/2012	NYISO filing of comments re: supporting FERC's NOPR to approve regional Reliability Standard PRC-006-NPCC-1 (Automatic Underfrequency Load Shedding)	RM12-12-000