

# Monthly Report

October 2014

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# Operations Performance Metrics Monthly Report





### October 2014 Report

## Operations & Reliability Department New York Independent System Operator



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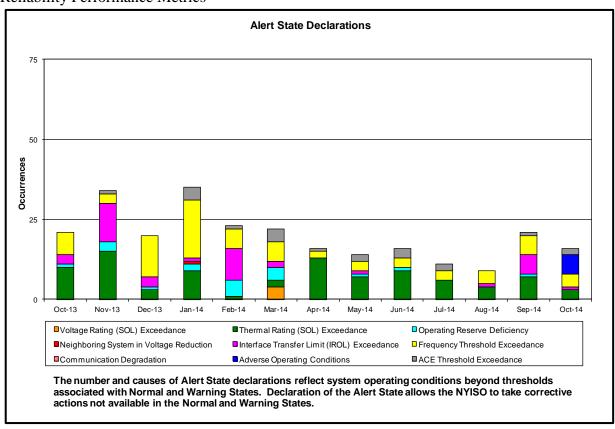
#### **October 2014 Operations Performance Highlights**

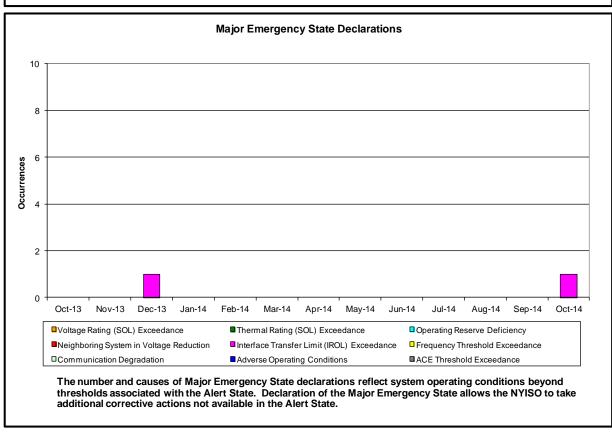
- Peak load of 21,125 MW occurred on 10/15/2014 HB 18
- All-time summer capability period peak load of 33,956 MW occurred on 7/19/2013 HB 16
- 0 hours of Thunder Storm Alerts were declared
- 0 hours of NERC TLR level 3 curtailment
- Broader Regional Market Coordination monthly value was \$0.33M
- Broader Regional Market Coordination year-to-date value was \$7.57M
- Statewide uplift cost monthly average was \$(0.50)/MWh
- TCC Metrics include Centralized TCC Auction 6-month average
- With the October deployment, in preparation for CTS, NYISO began scheduling external interchange 15 minutes nearer to real-time (scheduled ½ hour out) and added external transaction RT bidding flexibility with multiple bid curves allowed per hour
- Increased Operational transparency with the following posting improvements:
   ACE data, Transfer Limits report archive, notice of 15 minute scheduling
   outage, additional information contained in Zonal Load Commitment report
   (price cap load, bilateral, and virtual)
- The following table identifies the Monthly ICAP spot market prices by locality.
   Given the transition to the Winter Capability period the price changes from the prior month are excluded.

Spot Auction Price Results	NYCA	Lower Hudson Valley Zones	New York City Zone	Long Island Zone
November 2014 Spot Price	\$1.43	\$5.76	\$8.96	\$2.99
Change from Prior Month	N/A	N/A	N/A	N/A

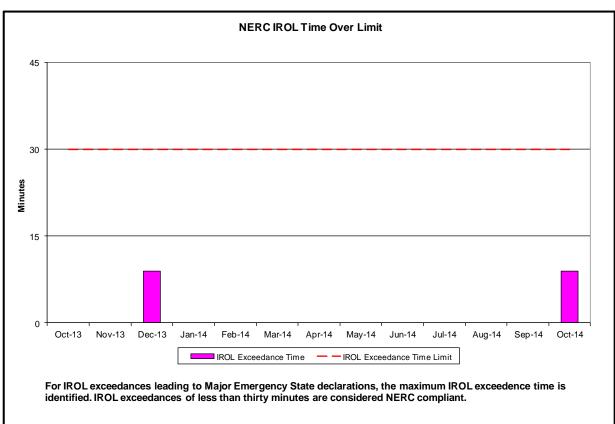


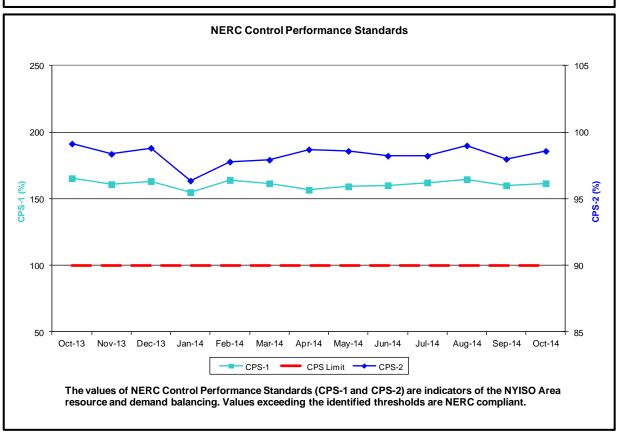
#### Reliability Performance Metrics



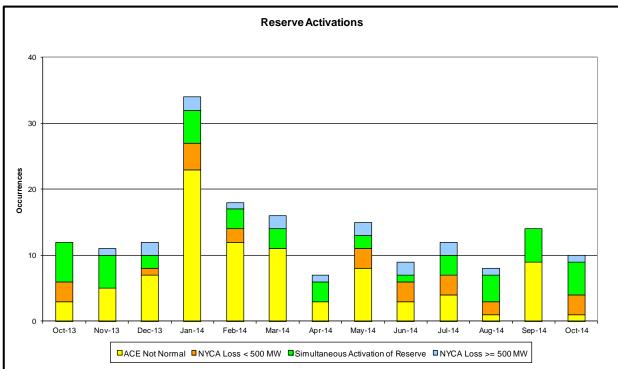




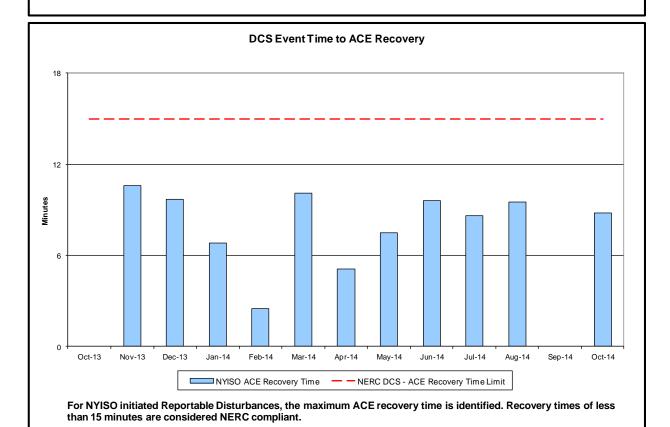




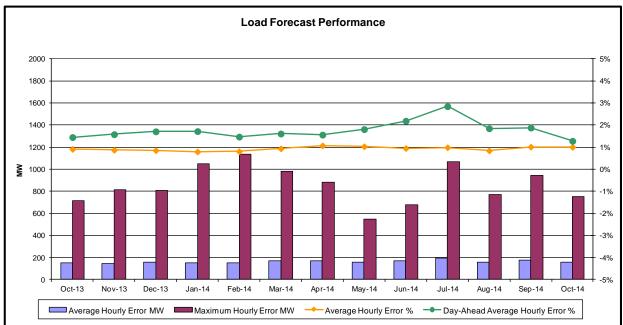




NYISO Reserve Activations are indicators of the need to respond to unexpected operational conditions within the NYISO Area or to assist a neighboring Area (Simultaneous Activation of Reserves) by activating an immediate resource and demand balancing operation.



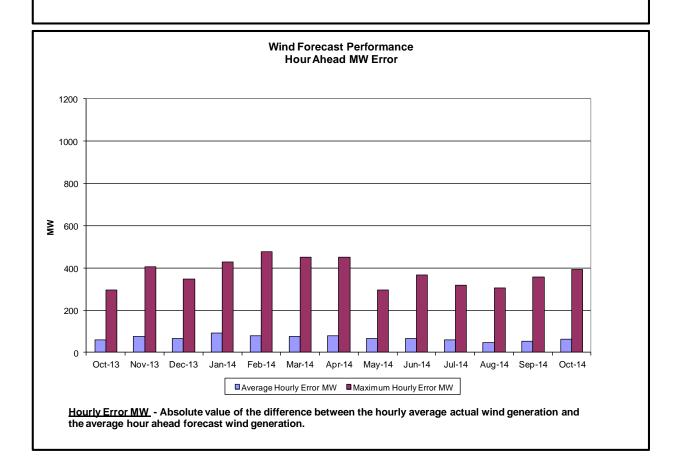




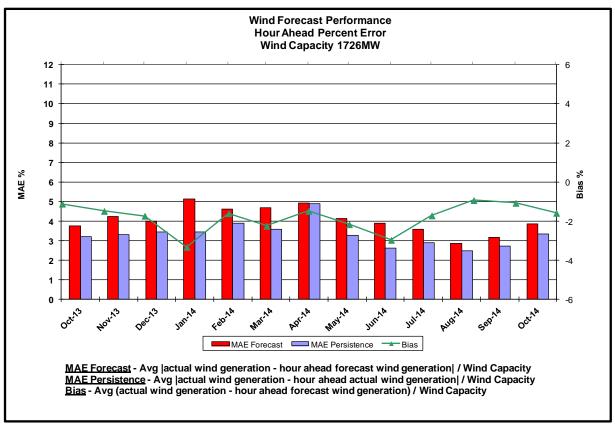
<u>Hourly Error MW</u> - Absolute value of the difference between the hourly average actual load demand and the average hour ahead forecast load demand.

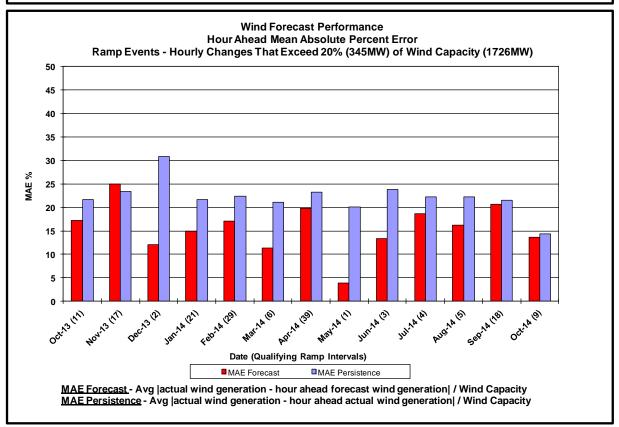
<u>Average Hourly Error %</u> - Average value of the ratio of hourly average error magnitude to hourly average actual load demand.

<u>Day-Ahead Average Hourly Error %</u> - Average across all hours of the month of the absolute value of the difference between actual load demand and the Day-Ahead forecast load demand, divided by the actual load demand.

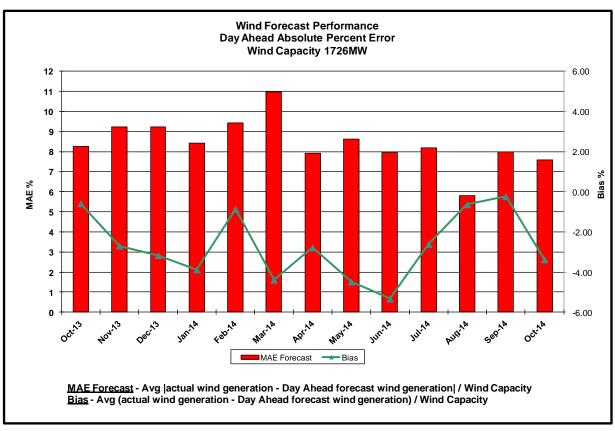


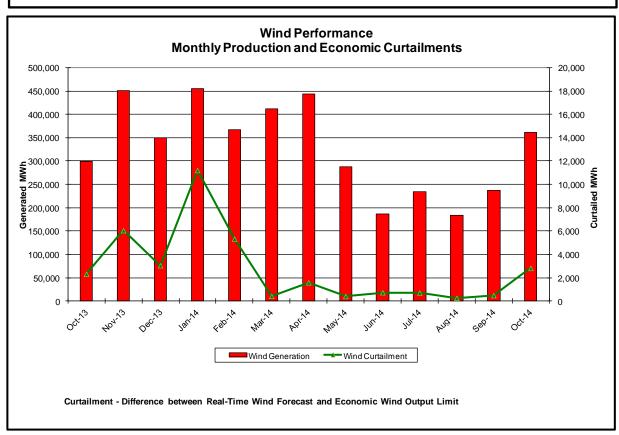




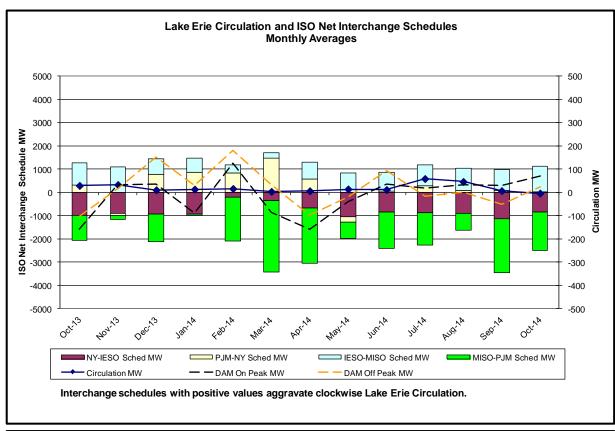


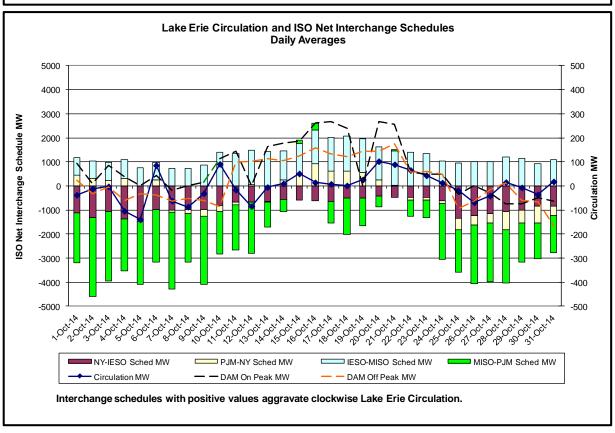






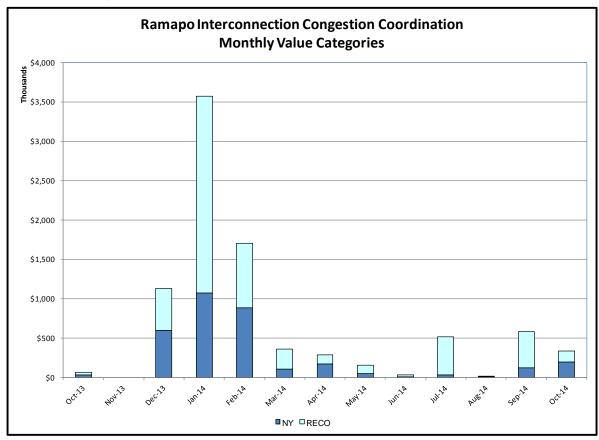


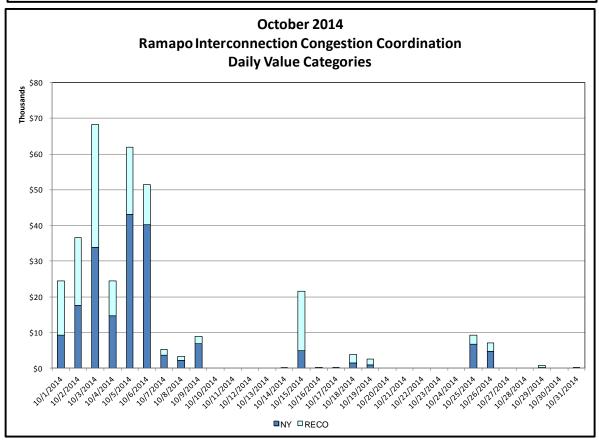






#### **Broader Regional Market Performance Metrics**







#### Ramapo Interconnection Congestion Coordination

<u>Category</u> <u>Description</u>
NY Represents t

Represents the value NY realizes from Market-to-Market Ramapo Coordination. When experiencing congestion, this includes (1) the estimated savings to NY for additional deliveries into NY, plus (2) PJM compensation to NY for additional deliveries into PJM (as compared to the Ramapo Target level, excluding RECO). This is net of any settlements to

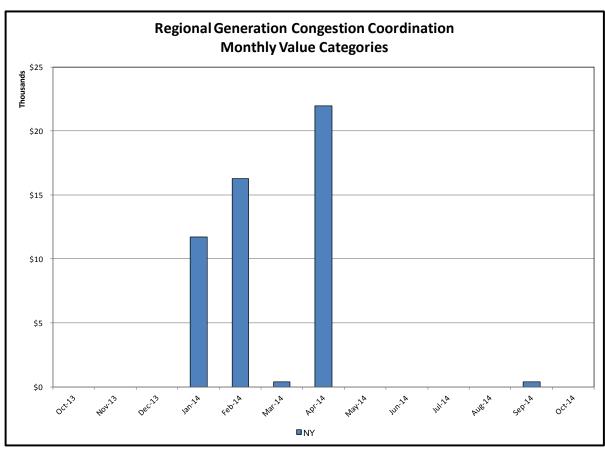
PJM when they are congested.

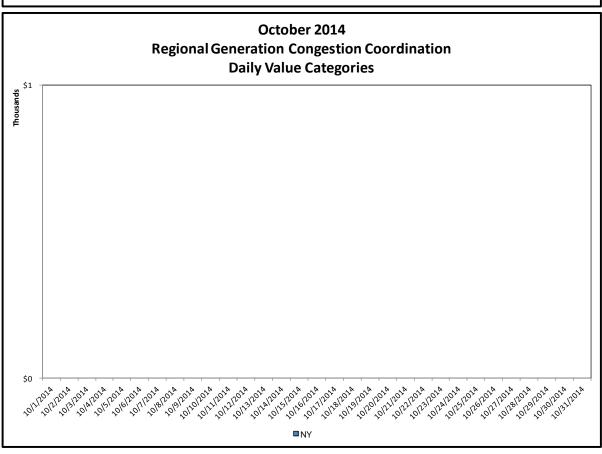
RECO Represents the value of PJM's obligation to deliver 80% of service to RECO load over

Ramapo 5018. This includes (1) the estimated reduction in NYCA congestion due to the PJM delivery of RECO over Ramapo 5018, plus (2) PJM compensation to NY for NYCA congestion

for the under-delivery or inability to deliver service to RECO load over Ramapo 5018.









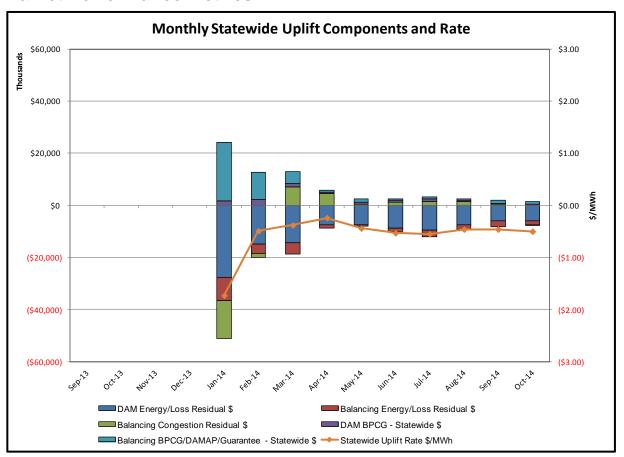
#### **Regional Generation Congestion Coordination**

<u>Category</u> NY

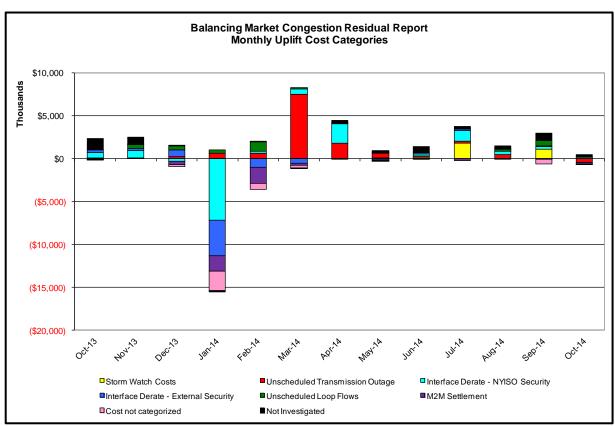
 $\underline{\textbf{\textit{Description}}}$  NYISO savings that result from PJM payments to NYISO when PJM's transmission use (PJM's market flow) is greater than PJM's entitlement of the NY transmission system and NYISO is incurring Western or Central NY congestion. Additionally, NYISO savings may result from the more efficient regional utilization of PJM's generation resources to directly address Western or Central NY transmission congestion.

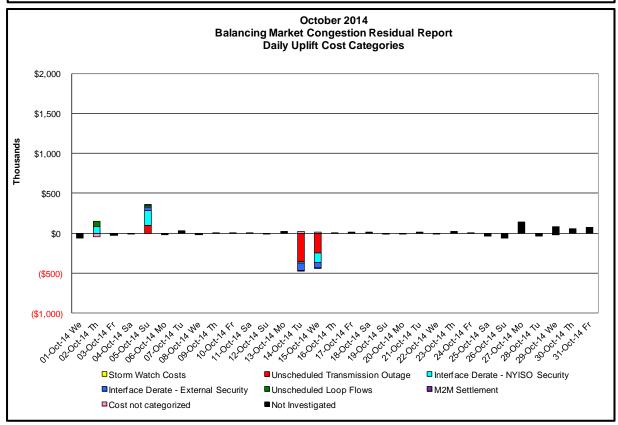


#### **Market Performance Metrics**









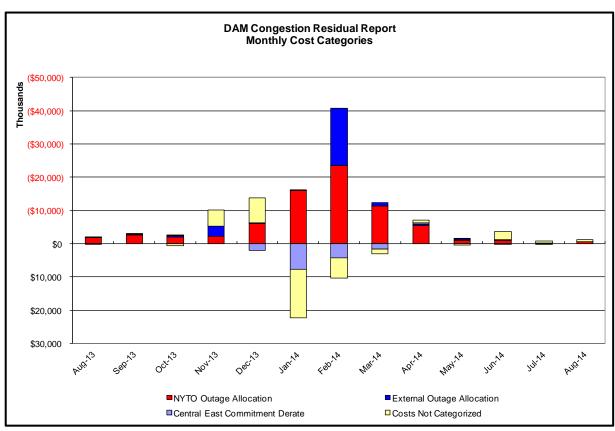


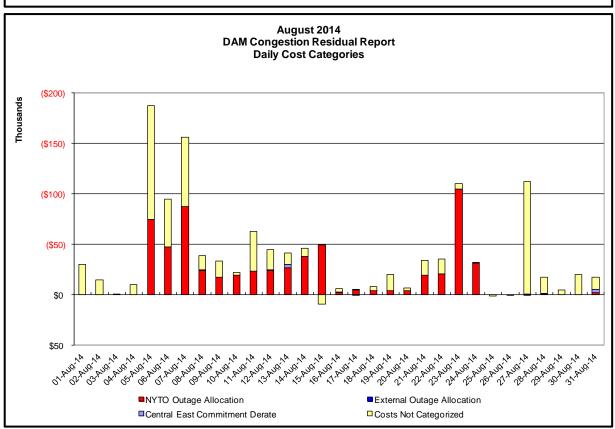
Event	Date (yyyymmdd)	Hours	Description
	10/2/2014	13-15	Derate Niagara-Packard 230kV (#61) for I/o TWR:PACKARD 62 & BP76
	10/2/2014	14-15	Lake Erie Clockwise Circulation, DAM-RTM exceeds 125MW; Niagara-Packard 230kV (#61)
	10/5/2014	8-13,17-19	Forced outage Gilboa-Fraser 345kV (#GF5-35)
	10/5/2014	8-11	Forced outage Roseton-Rock Tavern 345kV (#311)
	10/5/2014	8-19	Derate Moses South
	10/5/2014	0	Uprate Farragut-Hudson Avenue 138kV (#32078)
	10/5/2014		HQ_CEDARS-NY Scheduling Limit
	10/5/2014	18,19	Lake Erie Clockwise Circulation, DAM-RTM exceeds 125MW; Central East, Packard Sawyer
	10/14/2014	13,15-23	Forced outage Newbridge-Duffy Avenue 345kV (#501) & Neptune-Duffy Avenue 345kV
	10/14/2014	20	NYCA DNI Ramp Limit
	10/14/2014	21	NE_NNC1385-NY Scheduling Limit
	10/14/2014	18	NE_AC DNI Ramp Limit
	10/15/2014	0,2-7,10-19,21,22	Forced outage Newbridge-Duffy Avenue 345kV (#501) & Neptune-Duffy Avenue 345kV
	10/15/2014	16,17	NYCA DNI Ramp Limit
	10/15/2014	10,11,13-16	Uprate Leeds-Pleasant Valley 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)
	10/15/2014	16-18	Uprate Athens-Pleasant Valley 345kV (#91) for I/o Leeds-Pleasant Valley 345kV (#92)
	10/15/2014	10,15,16	Uprate Farragut-Hudson Avenue 138kV (#32078)
	10/15/2014	17,18,21,22	NE_NNC1385-NY Scheduling Limit

Real-Time Balar	ncing Market Con	gestion Residual (Uplift Cost) Cate	<u>gories</u>
<u>Category</u>	Cost Assignment		Event Examples
Storm Watch	Zone J	Thunderstorm Alert (TSA)	TSA Activations
Unscheduled Transmission Outage	Market-wide	Reduction in DAM to RTM transfers	Forced Line Outage,
		related to unscheduled	Unit AVR Outages
		transmission outage	
Interfere Devete NVICO Consultry	Market-wide	Reduction in DAM to RTM transfers	Interface Derates due to
Interface Derate - NYISO Security	Market-wide	not related to transmission outage	RTM voltages
			······································
Interface Derate - External Security	Market-wide	Reduction in DAM to RTM transfers	TLR Events,
		related to External Control Area	External Transaction Curtailments
		Security Events	Curtailments
Unscheduled Loop Flows	Market-wide	Changes in DAM to RTM	DAM to RTM Clockwise
onscheduled Eoop i lows	Market Wide	unscheduled loop flows impacting	Lake Erie Loop Flows
		NYISO Interface transmission	greater than 125 MW
		constraints	
M2M Settlement	Market-wide	Settlement result inclusive of	
		coordinated redispatch and Ramapo flowgates	
		Namapo nowyates	
Monthly Balancing Market Congesti	on Renort Assumnti	ions/Notes	
monany balancing warker congestion	on report Assumpti	<u>onanotes</u>	

- 1) Storm Watch Costs are identified as daily total uplift costs
  2) Days with a value of BMCR less M2M Settlement of \$100K/HR, shortfall of \$200K/Day or more, or surplus of \$100K/Day or more are investigated.
  3) Uplift costs associated with multiple event types are apportioned equally by hour



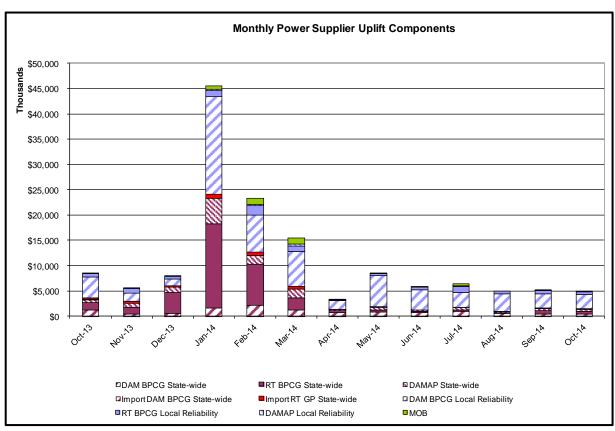


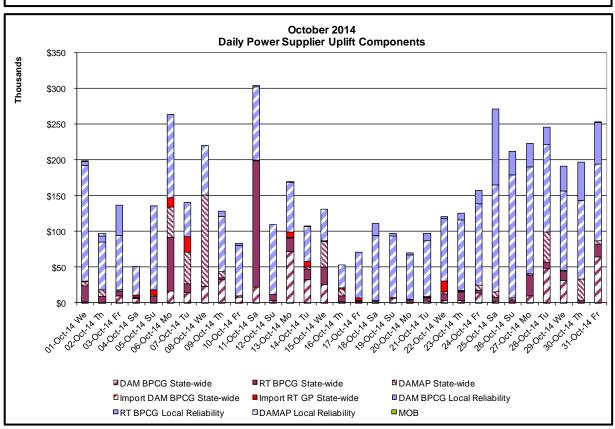




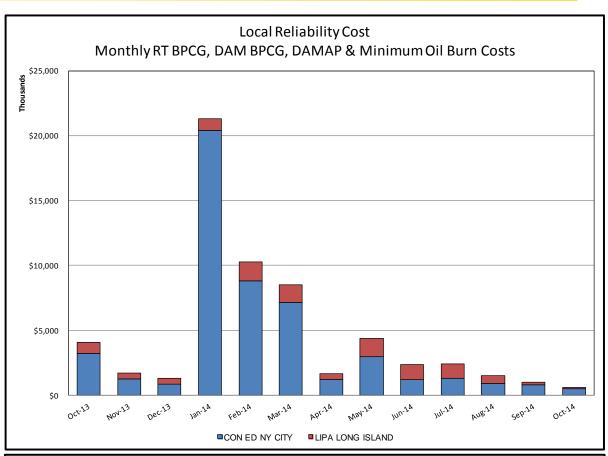
Day	-Ahead Market Co	ngestion Residual Categories	
<u>Category</u> NYTO Outage Allocation	<u>Cost Assignment</u> Responsible TO	Events Types Direct allocation to NYTO's responsible for transmission equipment status change.	Event Examples  DAM scheduled outage for equipment modeled inservice for the TCC Auction.
External Outage Allocation	All TO by Monthly Allocation Factor	Direct allocation to transmission equipment status change caused by change in status of external equipment.	Tie line required out-of- service by TO of neighboring control area.
Central East Commitment Derate	All TO by Monthly Allocation Factor	Reductions in the DAM Central East_VC limit as compared to the TCC Auction limit, which are not associated with transmission line outages.	

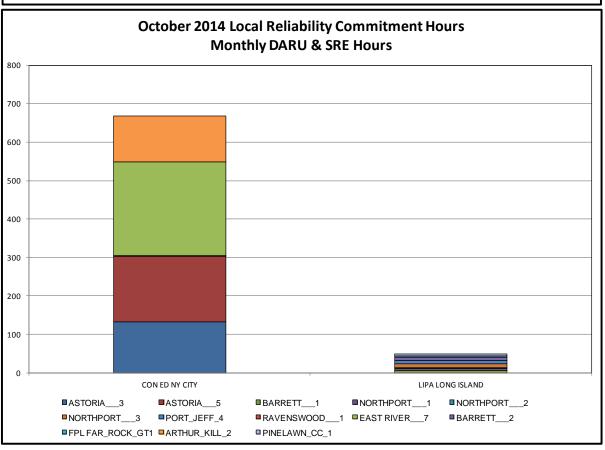




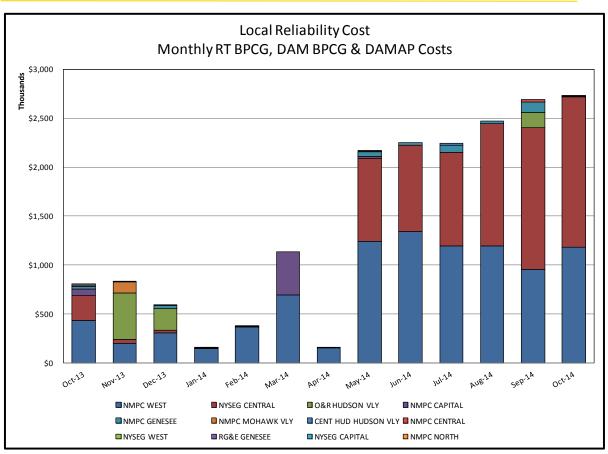


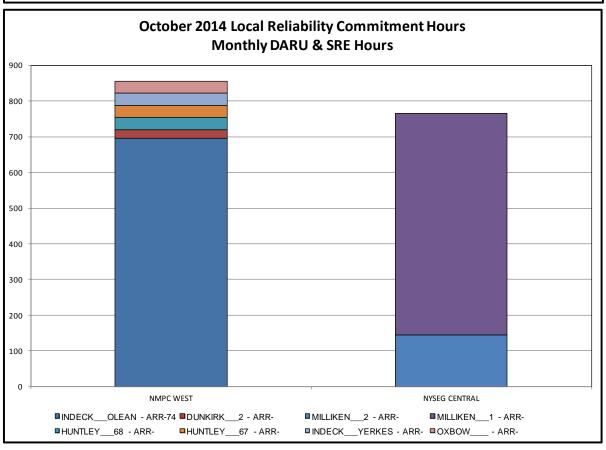




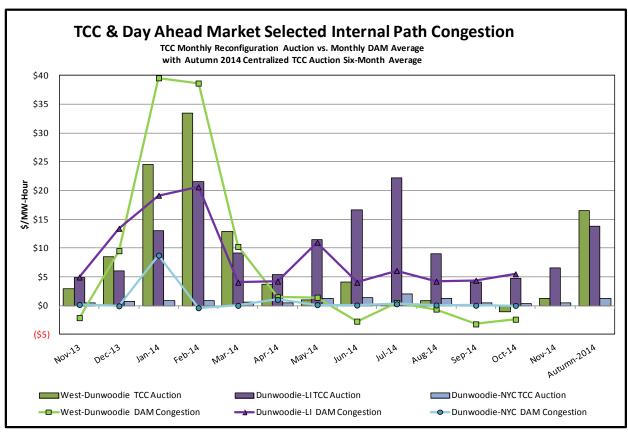


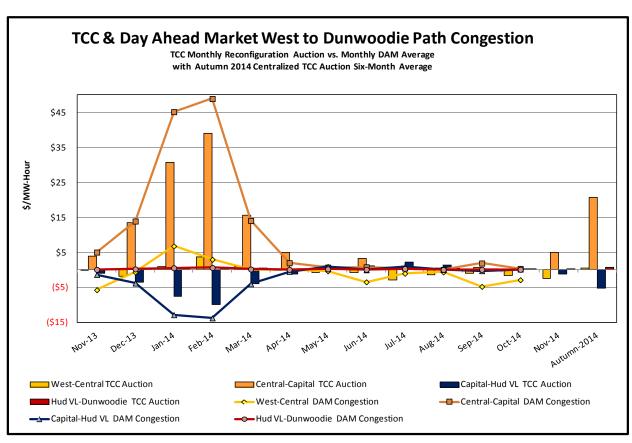




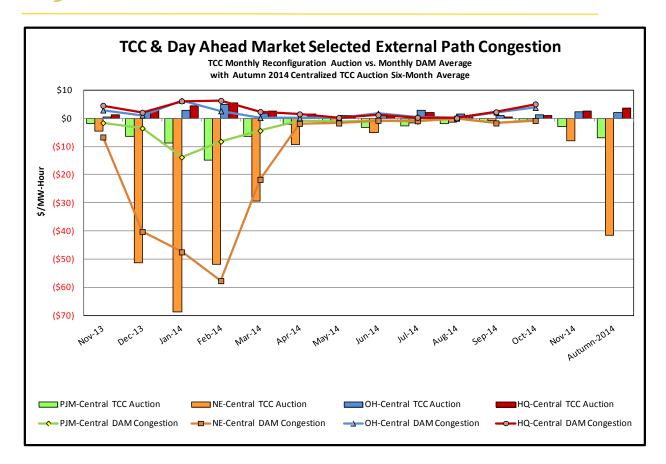




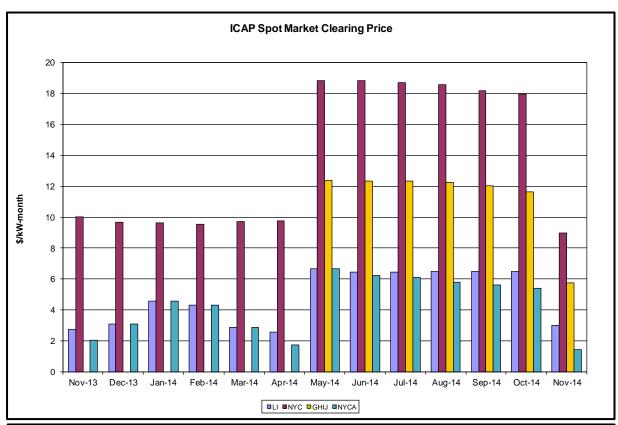


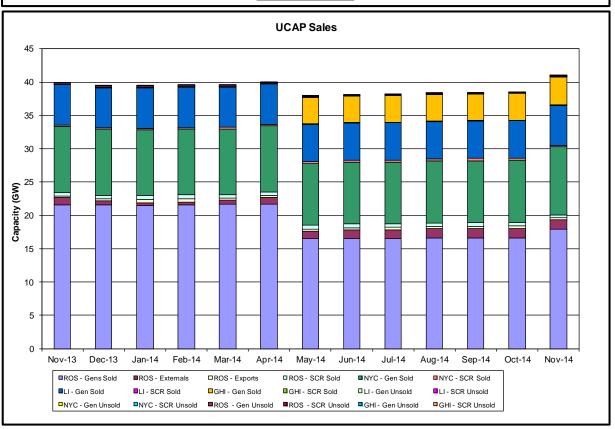










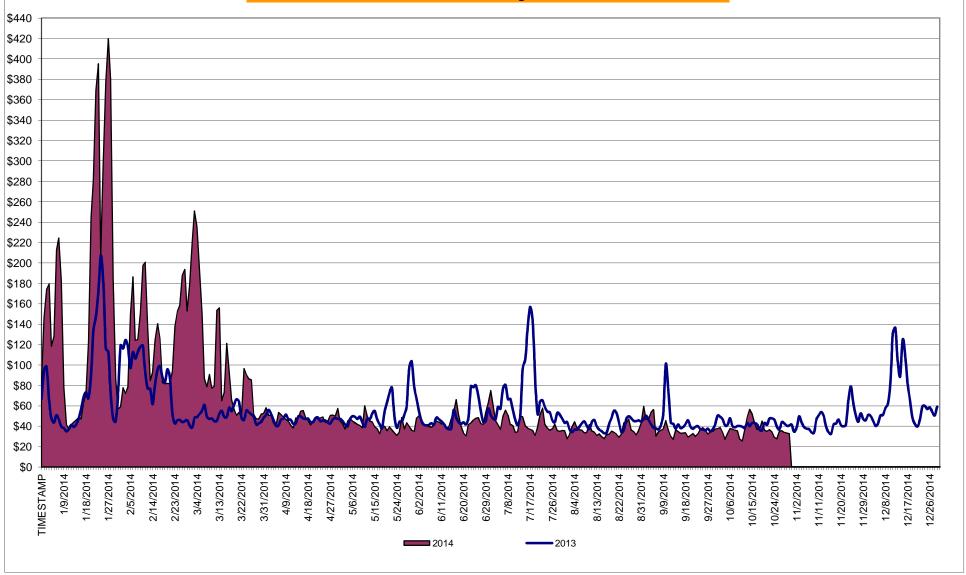


# Market Performance Highlights for October 2014

- LBMP for October is \$35.59/MWh; lower than the \$37.62/MWh in September 2014 and \$39.85/MWh in October 2013.
  - Day Ahead and Real Time Load Weighted LBMPs are lower compared to September.
- October 2014 average year-to-date monthly cost of \$74.62/MWh is a 26% increase from \$59.30/MWh in October 2013.
- Average daily sendout is 394 GWh/day in October; lower than 442 GWh/day in September 2014 and 407 GWh/day in October 2013.
- Natural gas and distillate prices were lower compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$2.12/MMBtu, down 5% from \$2.23/MMBtu in September.
  - Jet Kerosene Gulf Coast was \$18.25/MMBtu, down from \$20.26/MMBtu in September.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$18.11/MMBtu, down from \$19.61/MMBtu in September.
- Uplift per MWh is lower compared to the previous month.
  - Uplift (not including NYISO cost of operations) is (\$0.24)/MWh; lower than (\$0.20)/MWh in September.
    - The Local Reliability Share is \$0.26/MWh, comparable to \$0.26 in September.
    - The Statewide Share is (\$0.50)/MWh, lower than (\$0.46)/MWh in September.
  - TSA \$ per NYC MWh is \$0.00/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than September.

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

2013 Annual Average \$59.13/MWh October 2013 YTD Average \$59.30/MWh October 2014 YTD Average \$74.62/MWh

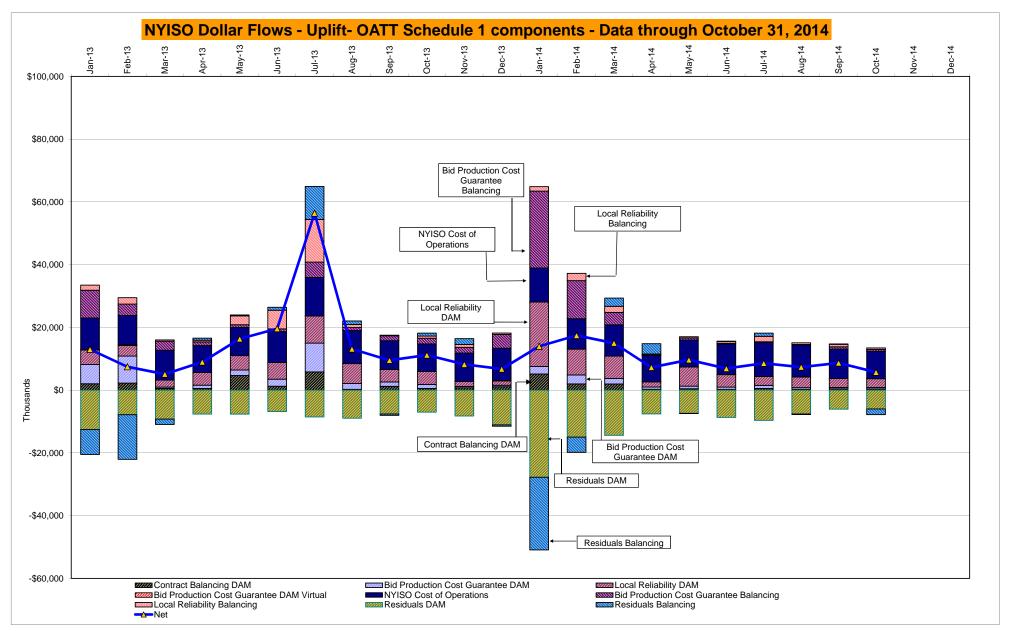


<sup>\*</sup> Excludes ICAP payments.

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

2014	<u>January</u>	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	<u>December</u>
LBMP	183.36	123.19	109.58	46.09	40.30	43.39	43.96	34.48	37.62	35.59		
NTAC	0.56	0.64	0.39	1.18	0.69	0.78	0.43	0.41	0.50	0.57		
Reserve	0.78	0.49	0.56	0.46	0.28	0.27	0.26	0.26	0.29	0.47		
Regulation	0.27	0.21	0.22	0.13	0.12	0.12	0.12	0.13	0.11	0.12		
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69		
Uplift	0.22	0.56	0.35	(0.09)	0.07	(0.21)	(0.26)	(0.19)	(0.20)	(0.24)		
Uplift: Local Reliability Share	1.43	0.75	0.62	0.15	0.51	0.32	0.29	0.27	0.26	0.26		
Uplift: Statewide Share	(1.21)	(0.19)	(0.27)	(0.24)	(0.44)	(0.53)	(0.55)	(0.46)	(0.46)	(0.50)		
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36		
Avg Monthly Cost	186.24	126.14	112.15	48.82	42.51	45.39	45.56	36.14	39.37	37.57		
Avg monthly cost	100.24	120.14	112.13	40.02	42.51	45.55	45.50	30.14	39.37	37.37		
Avg YTD Cost	186.24	157.93	142.77	121.97	108.36	97.84	89.45	82.58	78.06	74.62		
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.00	0.03	0.35	0.00	0.42	0.00		
2013	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	79.77	85.76	48.94	44.47	52.21	50.17	68.49	40.81	44.24	39.85	43.30	66.41
NTAC	0.79	0.83	0.76	0.90	0.85	0.86	0.66	0.28	0.57	0.87	1.08	0.59
Reserve	0.38	0.44	0.43	0.36	0.49	0.34	0.50	0.32	0.38	0.42	0.38	0.44
Regulation	0.13	0.13	0.10	0.11	0.09	0.13	0.11	0.13	0.13	0.16	0.13	0.12
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
Uplift	0.21	(0.15)	(0.33)	0.02	0.41	0.49	2.06	0.03	(0.05)	0.18	(0.07)	(0.25)
Uplift: Local Reliability Share	0.44	0.40	0.19	0.37	0.58	0.81	1.27	0.49	0.31	0.38	0.19	0.12
Uplift: Statewide Share	(0.23)	(0.55)	(0.52)	(0.35)	(0.17)	(0.31)	0.79	(0.46)	(0.36)	(0.19)	(0.25)	(0.37)
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Avg Monthly Cost	82.34	88.06	50.96	46.91	55.10	53.05	72.87	42.62	46.31	42.54	45.88	68.36
Avg Monthly Cost	02.54	00.00	30.90	40.31	33.10	33.03	72.07	42.02	40.51	42.54	45.00	00.30
Avg YTD Cost	82.34	85.08	74.02	67.80	65.46	63.36	65.10	62.27	60.74	59.30	58.24	59.13
TSA \$ per NYC MWh	0.00	0.00	0.00	0.04	0.58	0.61	1.52	0.43	0.22	0.01	0.00	0.00
2012	January	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	44.00	32.45	28.98	28.31	34.68	47.37	63.80	46.24	39.59	39.30	50.16	44.67
NTAC	0.85	0.80	0.68	0.71	0.72	0.77	0.58	0.65	0.57	0.70	0.75	0.83
Reserve	0.35	0.25	0.38	0.32	0.13	0.36	0.36	0.22	0.23	0.29	0.40	0.26
Regulation	0.10	0.08	0.13	0.12	0.09	0.15	0.15	0.12	0.09	0.10	0.11	0.09
NYISO Cost of Operations	0.64	0.64	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)	0.61	0.23	0.22	(0.33)	1.04	0.82	(0.11)
Uplift: Local Reliability Share	0.49	0.27	0.19	0.07	0.25	0.42	0.49	0.83	0.26	0.67	0.72	0.30
Uplift: Statewide Share	(0.05)	(0.10)	(0.19)	(0.25)	(0.36)	0.19	(0.26)	(0.61)	(0.59)	0.38	0.11	(0.41)
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	0.37	0.37
Avg Monthly Cost	46.75	34.75	31.19	30.29	36.52	50.27	66.14	48.46	41.17	42.44	53.26	46.74
ğ ,	70.73	54.75	31.13	30.23	00.02	50.21	00.14	70.70	71.17	74.74	55.20	70.74
Avg YTD Cost	46.75	41.12	37.96	36.09	36.18	38.89	44.26	44.91	44.51	44.33	45.14	45.28
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	1.52	0.45	0.85	0.46	0.59	0.00	0.00	0.00

\* Excludes ICAP payments. Market Mitigation and Analysis Prepared: 11/7/2014 9:15 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>2014</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	<u>October</u>	November	December
Day Ahead Market MWh	16,034,264	14,409,515	14,633,570	12,101,747	12,984,458	14,719,929	16,528,338	15,536,610	14,312,509	13,684,158		
DAM LSE Internal LBMP Energy Sales	52%	50%	53%	56%	53%	54%	58%	57%	56%	54%		
DAM External TC LBMP Energy Sales	5%	7%	6%	3%	2%	3%	1%	0%	1%	2%		
DAM Bilateral - Internal Bilaterals	36%	36%	35%	33%	38%	36%	34%	35%	36%	38%		
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	6%	5%	5%	4%	5%	4%	4%		
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	1%	2%	2%	1%	1%	1%	1%	2%		
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	0%	1%	1%	1%	1%	1%	0%		
Balancing Energy Market MWh	-249,484	-298,340	-116,173	54,298	-510,467	-558,413	-848,037	-756,911	-672,451	-994,214		
Balancing Energy LSE Internal LBMP Energy Sales	-232%	-203%	-294%	-190%	-133%	-114%	-116%	-117%	-129%	-124%		
Balancing Energy External TC LBMP Energy Sales	105%	76%	97%	207%	21%	22%	18%	15%	24%	14%		
Balancing Energy Bilateral - Internal Bilaterals	20%	26%	69%	27%	3%	7%	4%	7%	7%	7%		
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	12%	0%	3%	0%	0%	0%	2%	1%		
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	11%	6%	25%	67%	4%	3%	2%	2%	3%	3%		
Balancing Energy Bilateral - Wheel Through Bilaterals	-4%	-6%	-10%	-12%	1%	-18%	-8%	-7%	-7%	-1%		
Transactions Summary												
LBMP	56%	56%	57%	59%	53%	55%	57%	55%	55%	52%		
Internal Bilaterals	37%	37%	36%	33%	39%	38%	36%	37%	38%	42%		
Import Bilaterals	5%	5%	5%	6%	5%	5%	5%	5%	5%	4%		
Export Bilaterals	2%	1%	2%	2%	2%	1%	1%	2%	2%	2%		
Wheels Through	1%	1%	1%	0%	1%	1%	1%	1%	1%	0%		
Market Share of Total Load	.,,				.,.	.,,	.,,		.,,			
Day Ahead Market	101.6%	102.1%	100.8%	99.6%	104.1%	103.9%	105.4%	105.1%	104.9%	107.8%		
Balancing Energy +	-1.6%	-2.1%	-0.8%	0.4%	-4.1%	-3.9%	-5.4%	-5.1%	-4.9%	-7.8%		
Total MWH	15,784,780	14,111,175	14,517,397	12,156,045	12,473,991	14,161,516	15,680,301	14,779,699	13,640,058	12,689,944		
Average Daily Energy Sendout/Month GWh	475	460	440	390	391	456	496	470	442	394		
2013	January	February	March	April	May	June	<u>July</u>	August	September	October	November	December
Day Ahead Market MWh	15,140,096	14,116,189	14,250,091		13,451,310	14,872,971	17,974,314	16,090,437	14,021,472		13.692.854	15,406,816
DAM LSE Internal LBMP Energy Sales	56%	55%	56%	57%	56%	57%	59%	57%	55%	51%	52%	52%
DAM External TC LBMP Energy Sales	4%		3%	3%	1%	1%	1%	0%		0%	3%	6%
· · · · · · · · · · · · · · · · · · ·		6%							0%	41%	40%	36%
DAM Bilateral - Internal Bilaterals		6% 37%							0% 38%	5%		
DAM Bilateral - Internal Bilaterals  DAM Bilateral - Import/Non-LBMP Market Bilaterals	38%	37%	38%	37%	37%	36%	33%	36%	38%	1%	4%	4%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	38% 0%	37% 0%	38% 0%	37% 0%	37% 3%	36% 4%	33% 5%	36% 5%	38% 4%		4% 2%	4% 1%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals	38% 0% 1%	37% 0% 1%	38% 0% 1%	37% 0% 1%	37% 3% 1%	36% 4% 1%	33% 5% 1%	36% 5% 1%	38% 4% 1%		2%	1%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	38% 0% 1% 1%	37% 0% 1% 1%	38% 0% 1% 1%	37% 0% 1% 1%	37% 3% 1% 1%	36% 4% 1% 1%	33% 5% 1% 1%	36% 5% 1% 1%	38% 4% 1% 1%	1%	2% 1%	1% 1%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh	38% 0% 1% 1% -471,167	37% 0% 1% 1% -648,574	38% 0% 1% 1% -501,253	37% 0% 1% 1% -525,278	37% 3% 1% 1% -501,948	36% 4% 1% 1% -669,315	33% 5% 1% 1% -294,946	36% 5% 1% 1% -915,232	38% 4% 1% 1% -759,051	1% -694,291	2% 1% -579,298	1% 1% -531,521
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales	38% 0% 1% 1% -471,167 -131%	37% 0% 1% 1% -648,574 -117%	38% 0% 1% 1% -501,253 -127%	37% 0% 1% 1% -525,278 -123%	37% 3% 1% 1% -501,948 -133%	36% 4% 1% 1% -669,315 -115%	33% 5% 1% 1% -294,946 -189%	36% 5% 1% 1% -915,232 -113%	38% 4% 1% 1% -759,051 -120%	1% -694,291 -122%	2% 1% -579,298 -134%	1% 1% -531,521 -130%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales	38% 0% 1% 18 -471,167 -131% 33%	37% 0% 1% 18 -648,574 -117% 20%	38% 0% 1% 1% -501,253 -127% 23%	37% 0% 1% 1% -525,278 -123% 21%	37% 3% 1% 1% -501,948 -133% 35%	36% 4% 1% 18 -669,315 -115% 16%	33% 5% 1% 1% -294,946 -189% 78%	36% 5% 1% 1% -915,232 -113% 9%	38% 4% 1% 1% -759,051 -120% 11%	1% -694,291 -122% 13%	2% 1% -579,298 -134% 23%	1% 1% -531,521 -130% 16%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	38% 0% 1% 18 -471,167 -131% 33% 4%	37% 0% 1% 1% -648,574 -117% 20% 10%	38% 0% 1% 19 -501,253 -127% 23% 11%	37% 0% 1% 1% -525,278 -123% 21% 3%	37% 3% 1% 1% -501,948 -133% 35% 5%	36% 4% 1% 18 -669,315 -115% 16% 4%	33% 5% 1% 1% -294,946 -189% 78% 11%	36% 5% 1% 1% -915,232 -113% 9% 3%	38% 4% 1% 1% -759,051 -120% 11% 6%	1% -694,291 -122% 13% 5%	2% 1% -579,298 -134% 23% 4%	1% 1% -531,521 -130% 16% 13%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	38% 0% 1% 18 -471,167 -131% 33% 4% 0%	37% 0% 1% 1% -648,574 -117% 20% 10% 0%	38% 0% 1% 196 -501,253 -127% 23% 11% 0%	37% 0% 1% 196 -525,278 -123% 21% 3% 0%	37% 3% 1% 196 -501,948 -133% 35% 5% 0%	36% 4% 1% 1% -669,315 -115% 16% 4% 1%	33% 5% 1% 1% -294,946 -189% 78% 11% 4%	36% 5% 1% 196 -915,232 -113% 9% 3% 0%	38% 4% 1% 1% -759,051 -120% 11% 6% 0%	1% -694,291 -122% 13% 5% 0%	2% 1% -579,298 -134% 23% 4% 0%	1% 1% -531,521 -130% 16% 13% 0%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales 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	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5%	37% 0% 1% 1% -648,574 -117% 20% 10% 0% 3%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% 4%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% 5%	37% 3% 1% 1% -501,948 -133% 35% 5% 0% 4%	36% 4% 1% 1% -669,315 -115% 16% 4% 1%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3%	36% 5% 1% 1% -915,232 -113% 9% 3% 0%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2%	1% -694,291 -122% 13% 5% 0% 3%	2% 1% -579,298 -134% 23% 4% 0% 7%	1% 1% -531,521 -130% 16% 13% 0% 5%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales 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	38% 0% 1% 18 -471,167 -131% 33% 4% 0%	37% 0% 1% 1% -648,574 -117% 20% 10% 0%	38% 0% 1% 196 -501,253 -127% 23% 11% 0%	37% 0% 1% 196 -525,278 -123% 21% 3% 0%	37% 3% 1% 196 -501,948 -133% 35% 5% 0%	36% 4% 1% 1% -669,315 -115% 16% 4% 1%	33% 5% 1% 1% -294,946 -189% 78% 11% 4%	36% 5% 1% 196 -915,232 -113% 9% 3% 0%	38% 4% 1% 1% -759,051 -120% 11% 6% 0%	1% -694,291 -122% 13% 5% 0%	2% 1% -579,298 -134% 23% 4% 0%	1% 1% -531,521 -130% 16% 13% 0%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales 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	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5% -11%	37% 0% 1% 1% -648,574 -117% 20% 10% 0% 3% -16%	38% 0% 1% 1501,253 -127% 23% 11% 0% 4% -11%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% 5% -6%	37% 3% 1% 1% -501,948 -133% 35% 5% 0% 4% -11%	36% 4% 1% 1% -669,315 -115% 16% 4% 4% 2% -9%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7%	36% 5% 1% 1% -915,232 -113% 9% 3% 0% 1%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1%	1% -694,291 -122% 13% 5% 0% 3% 0%	2% 1% -579,298 -134% 23% 4% 0% 7% 1%	1% 1% -531,521 -130% 16% 13% 0% 5% -4%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales 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	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5% -11%	37% 0% 1% 1% -648,574 -117% 20% 10% 0% 3% -16%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% 4% -11%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% 5% -6%	37% 3% 1% 1% -501,948 -133% 35% 5% 0% 4% -11%	36% 4% 1% 1669,315 -115% 16% 4% 1% 2% -9%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7%	36% 5% 1% 1% -915,232 -113% 9% 3% 0% 0% 0%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1%	1% -694,291 -122% 13% 5% 0% 3% 0%	2% 1% -579,298 -134% 23% 4% 0% 7% 1%	1% 1% -531,521 -130% 16% 13% 0% 5% -4%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales 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	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5% -11%	37% 0% 1% 1% -648,574 -117% 20% 10% 0% 3% -16%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% -4% -11%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% -6% 59% 39%	37% 3% 1% 1% -501,948 -133% 35% 0% 4% -11%	36% 4% 1% 1669,315 -115% 16% 4% 2% -9%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7%	36% 5% 1% 1915,232 -113% 9% 3% 0% 1% 0%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1%	1% -694,291 -122% 13% 5% 0% 3% 0% 49% 43%	2% 1% -579,298 -134% 23% 4% 0% 7% 1%	1% 1% -531,521 -130% 16% 13% 0% 5% -4%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary LBMP Internal Bilaterals Import Bilaterals	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5% -11%	37% 0% 1% 1% -648,574 -117% 20% 10% 0% -16% 59% 39% 0%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% 4% -11%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% 5% -6%	37% 3% 1% 1% -501,948 -133% 35% 5% 0% 4% -11%	36% 4% 1% 1669,315 -115% 16% 4% 2% -9%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7%	36% 5% 1% 1915,232 -113% 9% 3% 0% 1% 0% 54% 39% 5%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1%	1% -694,291 -122% 13% 5% 0% 3% 0%	2% 1% -579,298 -134% 23% 4% 0% 7% 1%	1% 1% -531,521 -130% 16% 13% 0% -4% -4%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals 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	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5% -11%	37% 0% 1% 1% -648,574 -117% 20% 10% 0% 3% -16%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% -4% -11%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% -6% 59% 39% 0%	37% 3% 1% 1% -501,948 -133% 35% 5% 0% 4% -11%	36% 4% 1% 1669,315 -115% 16% 4% 2% -9%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7% 59% 34% 5%	36% 5% 1% 1915,232 -113% 9% 3% 0% 1% 0%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1% 53% 41% 4%	1% -694,291 -122% 13% 5% 0% 3% 0% 49% 43% 6%	2% 1% -579,298 -134% 23% 4% 0% 7% 1% 52% 41% 4%	1% 1% -531,521 -130% 16% 13% 0% 5% -4% 56% 38% 4% 2%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals  Transactions Summary LBMP Internal Bilaterals Import Bilaterals	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5% -11% 59% 39% 0% 1%	37% 0% 1% 1% -648,574 -117% 20% 10% 3% -16% 59% 39% 0% 1%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% 4% -11% 58% 40% 0% 2%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% -6% 59% 39% 0% 2%	37% 3% 1% 1% -501,948 -133% 35% 5% 0% 4% -11% 55% 39% 4% 2%	36% 4% 1% 1669,315 -115% 4% 2% -9% 56% 38% 4%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7% 59% 34% 5% 1%	36% 5% 1% 1915,232 -113% 9% 3% 0% 0% 54% 39% 55% 1%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1% 53% 41% 4% 2%	1% -694,291 -122% 13% 5% 0% 3% 0% 49% 43% 6% 2%	2% 1% -579,298 -134% 23% 4% 0% 7% 1% 52% 41% 4% 2%	1% 1% -531,521 -130% 16% 13% 0% -4% -4%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals 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	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5% -11% 59% 39% 0% 1%	37% 0% 1% 1% -648,574 -117% 20% 10% 3% -16% 59% 39% 0% 1%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% 4% -11% 58% 40% 0% 2%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% -6% 59% 39% 0% 2%	37% 3% 1% 1% -501,948 -133% 35% 5% 0% 4% -11% 55% 39% 4% 2%	36% 4% 1% 1669,315 -115% 4% 2% -9% 56% 38% 4%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7% 59% 34% 5% 1%	36% 5% 1% 1915,232 -113% 9% 3% 0% 0% 54% 39% 55% 1%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1% 53% 41% 4% 2%	1% -694,291 -122% 13% 5% 0% 3% 0% 49% 43% 6% 2%	2% 1% -579,298 -134% 23% 4% 0% 7% 1% 52% 41% 4% 2%	1% 1% -531,521 -130% 16% 13% 0% 5% -4% 56% 38% 4% 2%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales 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	38% 0% 1% 1% -471,167 -131% 33% 4% 0% 5% -11% 59% 39% 0% 1% 1%	37% 0% 1% 1% -648,574 -117% 20% 10% 3% -16% 59% 39% 0% 1% 0%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% 4% -11% 58% 40% 0% 2% 1%	37% 0% 1% 1% -525,278 -123% 21% 3% 0% -6% -6% -6%	37% 3% 1% 1% -501,948 -133% 35% 5% 0% 4% -11%  55% 39% 4% 2% 0%	36% 4% 1% 1669,315 -115% 4% 2% -9% 56% 38% 4% 1%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7% 59% 34% 5% 11%	36% 5% 1% 1915,232 -113% 9% 3% 0% 0% 54% 39% 55% 1%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1% 53% 41% 4% 2% 1%	1% -694,291 -122% 13% 5% 0% 3% 0% 49% 43% 6% 2% 1%	2% 1% -579,298 -134% 23% 4% 0% 7% 1% 52% 41% 4% 2% 1%	1% 1% 1531,521 -130% 16% 13% 0% 5% -4% 56% 38% 4% 2% 1%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals  Balancing Energy Market MWh  Balancing Energy LSE Internal LBMP Energy Sales 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	38% 0% 1% 1% 1% -471,167 -131% 33% 4% 0% 5% -11%  59% 39% 0% 1% 1%	37% 0% 1% 1% -648,574 -117% 20% 10% 3% -16% 59% 39% 0% 1% 0%	38% 0% 1% 1% -501,253 -127% 23% 11% 0% 4% -11% 58% 40% 0% 2% 1%	37% 0% 1% 19 -525,278 -123% 21% 3% 0% -6% 59% 39% 0% 2% 11%	37% 3% 1% 19 -501,948 -133% 5% 5% 0% 44% -111% 55% 39% 44% 2% 0%	36% 4% 1% 1669,315 -115% 16% 4% 1% -9% 56% 38% 4% 1% 104.7%	33% 5% 1% 1% -294,946 -189% 78% 11% 4% 3% -7% 59% 344% 5% 1% 101.7%	36% 5% 1% 1915,232 -113% 9% 3% 0% 1% 0% 54% 39% 55% 1%	38% 4% 1% 1% -759,051 -120% 11% 6% 0% 2% 1% 53% 41% 4% 2% 1%	1% -694,291 -122% 13% 5% 0% 3% 0% 49% 43% 6% 2% 11%	2% 1% -579,298 -134% 23% 4% 0% 7% 1% 52% 41% 4% 2% 1%	1% 1% 1531,521 -130% 16% 13% 0% 5% -44%  56% 38% 4% 2% 1%

<sup>+</sup> 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.

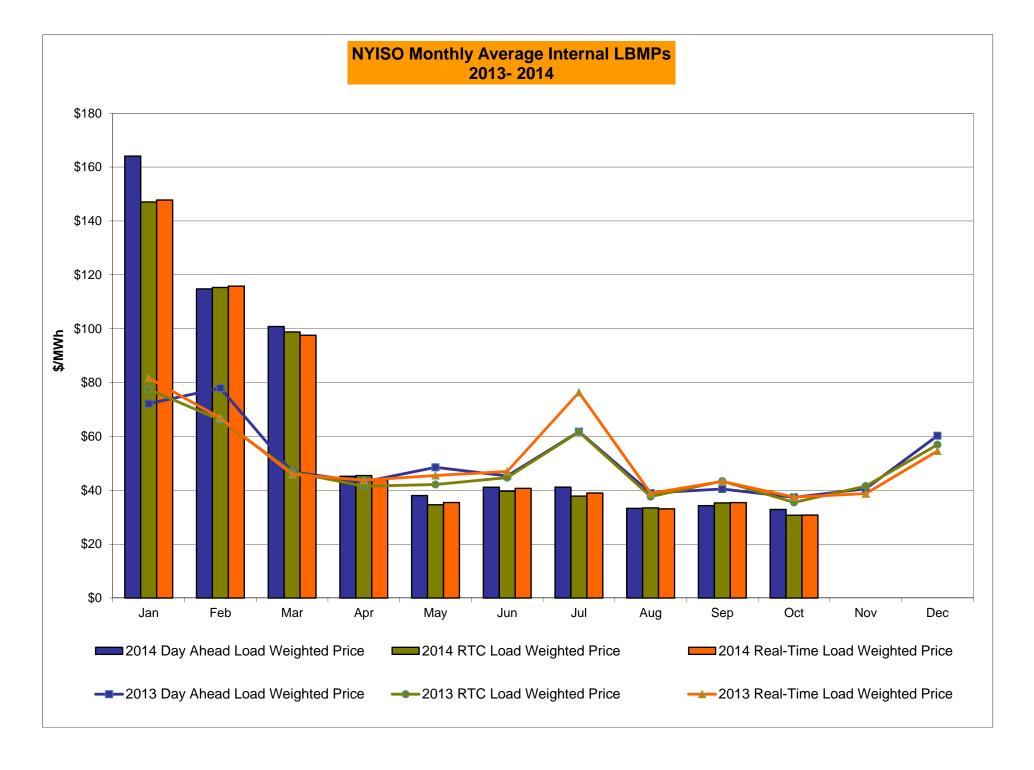
<sup>\*</sup> The signs for the detail section intuitively reflect the direction of power flow eliminating the use of double negatives when Balancing Energy is negative.

#### **NYISO Markets 2014 Energy Statistics**

DAY AHEAD LBMP	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Price *	\$155.11	\$110.69	\$97.07	\$44.16	\$36.61	\$39.17	\$38.82	\$31.78	\$32.49	\$31.65		
Standard Deviation	\$121.52	\$50.86	\$59.89	\$8.90	\$10.99	\$12.29	\$15.56	\$9.90	\$11.59	\$9.77		
Load Weighted Price **	\$164.06	\$114.77	\$100.81	\$45.19	\$38.05	\$41.14	\$41.18	\$33.28	\$34.31	\$32.89		
RTC LBMP												
Price *	\$138.41	\$110.71	\$94.71	\$44.00	\$33.16	\$37.34	\$35.32	\$31.74	\$32.89	\$29.23		
Standard Deviation	\$125.42	\$72.22	\$97.72	\$27.44	\$17.51	\$25.39	\$24.90	\$23.34	\$33.68	\$20.45		
Load Weighted Price **	\$147.06	\$115.31	\$98.80	\$45.48	\$34.63	\$39.64	\$37.85	\$33.48	\$35.31	\$30.74		
REAL TIME LBMP												
Price *	\$137.90	\$111.51	\$93.37	\$42.79	\$34.06	\$38.23	\$35.97	\$31.21	\$32.50	\$29.36		
Standard Deviation	\$122.32	\$70.35	\$89.05	\$19.38	\$17.15	\$23.33	\$27.27	\$18.18	\$33.51	\$21.14		
Load Weighted Price **	\$147.77	\$115.80	\$97.58	\$43.97	\$35.46	\$40.71	\$39.00	\$33.13	\$35.42	\$30.81		
Average Daily Energy Sendout/Month GWh	475	460	440	390	391	456	496	470	442	394		
				NVICO	Mankata	2042 Fra	ray Stati	otioo				
				<u>N 1150</u>	Markets	2013 Ene	rgy Statis	<u>stics</u>				
	January	February	March						September	October	November	December
DAY AHEAD LBMP	<u>January</u>	<u>February</u>	<u>March</u>	April	May	June	July	August	<u>September</u>	<u>October</u>	November	<u>December</u>
DAY AHEAD LBMP Price *	<u>January</u> \$69.17	February \$75.82	<u>March</u> \$45.97						September \$38.32	October \$36.15	November \$39.18	December \$57.72
	<u> </u>			<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August				
Price *	\$69.17	\$75.82	\$45.97	<u>April</u> \$42.21	<u>May</u> \$45.87	<u>June</u> \$42.66	<u>July</u> \$56.90	<u>August</u> \$37.19	\$38.32	\$36.15	\$39.18	\$57.72
Price * Standard Deviation	\$69.17 \$47.21	\$75.82 \$29.98	\$45.97 \$9.40	April \$42.21 \$7.84	<u>May</u> \$45.87 \$18.77	June \$42.66 \$17.98	July \$56.90 \$37.12	August \$37.19 \$11.85	\$38.32 \$15.21	\$36.15 \$9.15	\$39.18 \$13.56	\$57.72 \$28.61
Price * Standard Deviation Load Weighted Price **	\$69.17 \$47.21	\$75.82 \$29.98	\$45.97 \$9.40	April \$42.21 \$7.84	<u>May</u> \$45.87 \$18.77	June \$42.66 \$17.98	July \$56.90 \$37.12	August \$37.19 \$11.85	\$38.32 \$15.21	\$36.15 \$9.15	\$39.18 \$13.56	\$57.72 \$28.61
Price * Standard Deviation Load Weighted Price **  RTC LBMP	\$69.17 \$47.21 \$72.17	\$75.82 \$29.98 \$77.95	\$45.97 \$9.40 \$46.85	April \$42.21 \$7.84 \$43.13	<u>May</u> \$45.87 \$18.77 \$48.52	<u>June</u> \$42.66 \$17.98 \$45.32	<u>July</u> \$56.90 \$37.12 \$61.77	<u>August</u> \$37.19 \$11.85 \$39.00	\$38.32 \$15.21 \$40.47	\$36.15 \$9.15 \$37.37	\$39.18 \$13.56 \$40.58	\$57.72 \$28.61 \$60.27
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price *	\$69.17 \$47.21 \$72.17	\$75.82 \$29.98 \$77.95	\$45.97 \$9.40 \$46.85	April \$42.21 \$7.84 \$43.13	May \$45.87 \$18.77 \$48.52	June \$42.66 \$17.98 \$45.32	<u>July</u> \$56.90 \$37.12 \$61.77	\$37.19 \$11.85 \$39.00	\$38.32 \$15.21 \$40.47 \$39.06	\$36.15 \$9.15 \$37.37	\$39.18 \$13.56 \$40.58 \$39.57	\$57.72 \$28.61 \$60.27
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation	\$69.17 \$47.21 \$72.17 \$73.69 \$88.27	\$75.82 \$29.98 \$77.95 \$64.15 \$36.96	\$45.97 \$9.40 \$46.85 \$45.75 \$22.62	April \$42.21 \$7.84 \$43.13 \$40.50 \$14.79	May \$45.87 \$18.77 \$48.52 \$39.51 \$24.44	June \$42.66 \$17.98 \$45.32 \$42.00 \$30.96	\$56.90 \$37.12 \$61.77 \$55.41 \$58.54	\$37.19 \$11.85 \$39.00 \$35.90 \$18.35	\$38.32 \$15.21 \$40.47 \$39.06 \$60.70	\$36.15 \$9.15 \$37.37 \$34.08 \$17.38	\$39.18 \$13.56 \$40.58 \$39.57 \$30.77	\$57.72 \$28.61 \$60.27 \$54.53 \$41.66
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation Load Weighted Price **	\$69.17 \$47.21 \$72.17 \$73.69 \$88.27	\$75.82 \$29.98 \$77.95 \$64.15 \$36.96	\$45.97 \$9.40 \$46.85 \$45.75 \$22.62	April \$42.21 \$7.84 \$43.13 \$40.50 \$14.79	May \$45.87 \$18.77 \$48.52 \$39.51 \$24.44	June \$42.66 \$17.98 \$45.32 \$42.00 \$30.96	\$56.90 \$37.12 \$61.77 \$55.41 \$58.54	\$37.19 \$11.85 \$39.00 \$35.90 \$18.35	\$38.32 \$15.21 \$40.47 \$39.06 \$60.70	\$36.15 \$9.15 \$37.37 \$34.08 \$17.38	\$39.18 \$13.56 \$40.58 \$39.57 \$30.77	\$57.72 \$28.61 \$60.27 \$54.53 \$41.66
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation Load Weighted Price **  REAL TIME LBMP	\$69.17 \$47.21 \$72.17 \$73.69 \$88.27 \$77.52	\$75.82 \$29.98 \$77.95 \$64.15 \$36.96 \$66.07	\$45.97 \$9.40 \$46.85 \$45.75 \$22.62 \$46.79	April \$42.21 \$7.84 \$43.13 \$40.50 \$14.79 \$41.52	May \$45.87 \$18.77 \$48.52 \$39.51 \$24.44 \$42.14	\$42.66 \$17.98 \$45.32 \$42.00 \$30.96 \$44.70	\$56.90 \$37.12 \$61.77 \$55.41 \$58.54 \$61.64	\$37.19 \$11.85 \$39.00 \$35.90 \$18.35 \$37.65	\$38.32 \$15.21 \$40.47 \$39.06 \$60.70 \$43.41	\$36.15 \$9.15 \$37.37 \$34.08 \$17.38 \$35.49	\$39.18 \$13.56 \$40.58 \$39.57 \$30.77 \$41.56	\$57.72 \$28.61 \$60.27 \$54.53 \$41.66 \$56.95
Price * Standard Deviation Load Weighted Price **  RTC LBMP Price * Standard Deviation Load Weighted Price **  REAL TIME LBMP Price *	\$69.17 \$47.21 \$72.17 \$73.69 \$88.27 \$77.52	\$75.82 \$29.98 \$77.95 \$64.15 \$36.96 \$66.07	\$45.97 \$9.40 \$46.85 \$45.75 \$22.62 \$46.79	April \$42.21 \$7.84 \$43.13 \$40.50 \$14.79 \$41.52	May \$45.87 \$18.77 \$48.52 \$39.51 \$24.44 \$42.14	\$42.66 \$17.98 \$45.32 \$42.00 \$30.96 \$44.70	\$56.90 \$37.12 \$61.77 \$55.41 \$58.54 \$61.64	\$37.19 \$11.85 \$39.00 \$35.90 \$18.35 \$37.65	\$38.32 \$15.21 \$40.47 \$39.06 \$60.70 \$43.41	\$36.15 \$9.15 \$37.37 \$34.08 \$17.38 \$35.49	\$39.18 \$13.56 \$40.58 \$39.57 \$30.77 \$41.56	\$57.72 \$28.61 \$60.27 \$54.53 \$41.66 \$56.95

<sup>\*</sup> Average zonal load weighted prices.

<sup>\*\*</sup> Average zonal load weighted prices, load weighted in each hour.

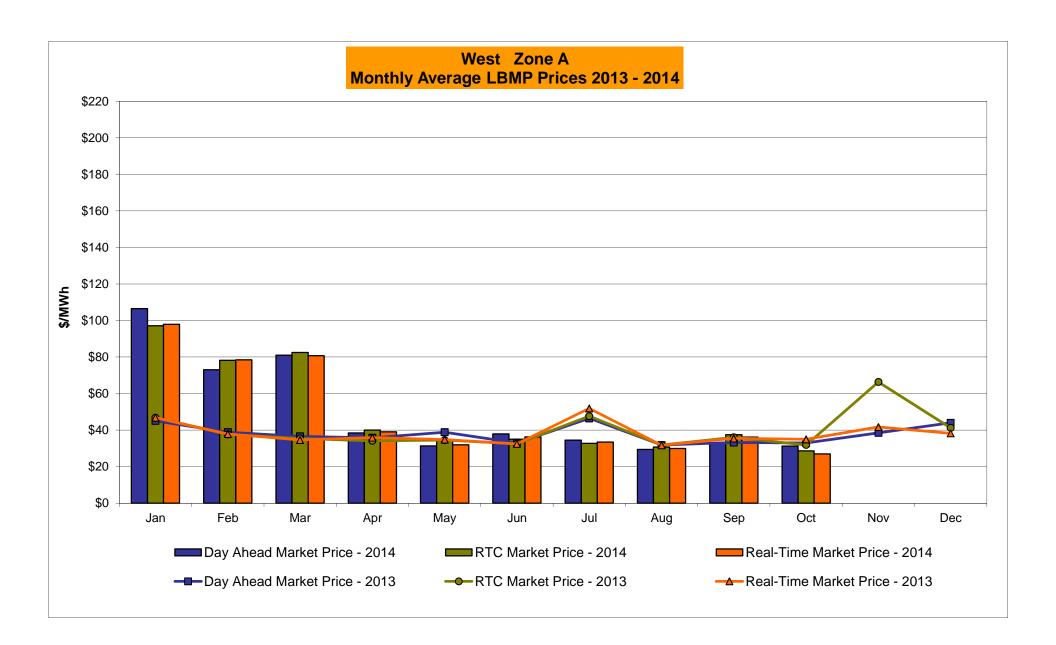


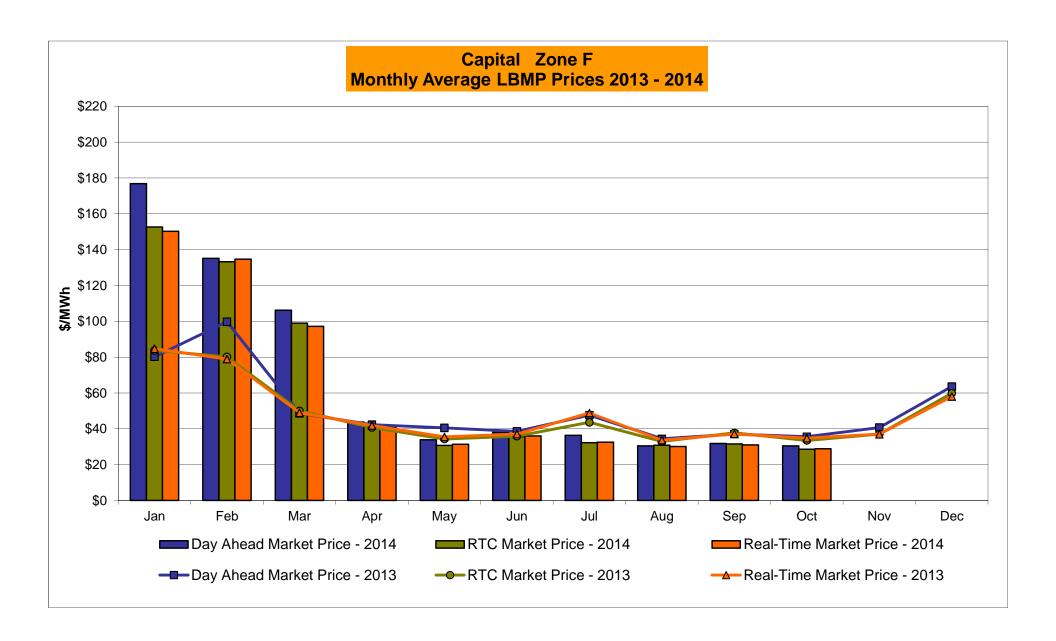
#### October 2014 Zonal LBMP Statistics for NYISO (\$/MWh)

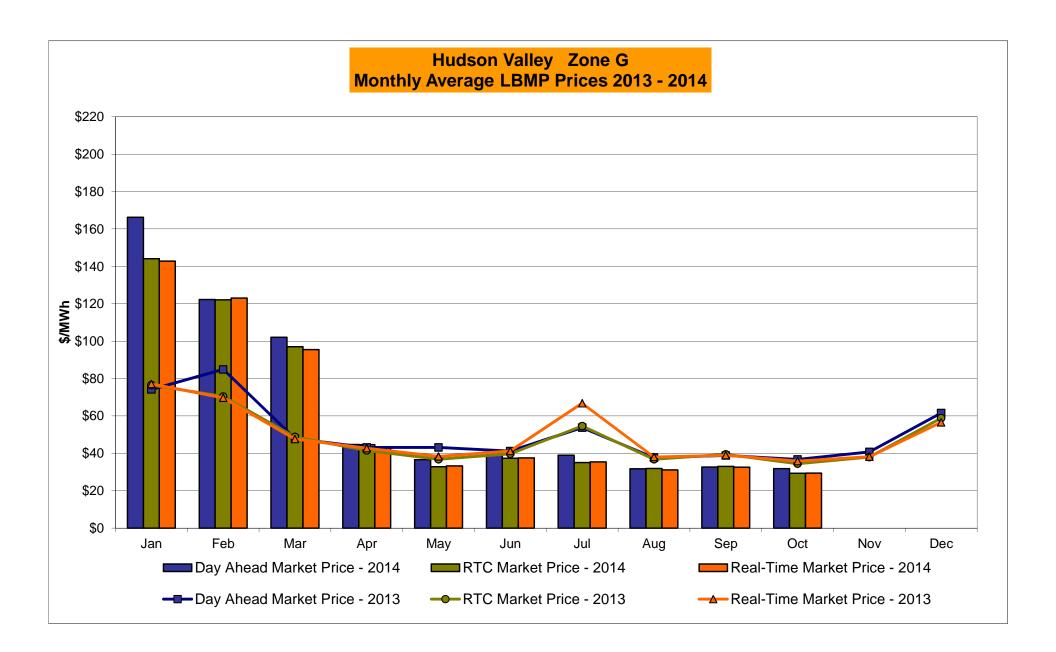
	WEST Zone A	GENESEE Zone B	NORTH Zone D	CENTRAL  Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD Zone H	DUNWOODIE  Zone I	NEW YORK CITY Zone J	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	31.28	27.77	19.44	29.30	28.87	30.48	31.82	31.95	31.92	32.09	38.36
Standard Deviation	12.21	8.39	7.34	9.13	8.87	9.11	9.69	9.75	9.73	9.74	13.63
RTC LBMP											
Unweighted Price *	28.59	25.14	19.57	25.92	25.90	28.64	29.32	29.42	29.38	29.48	36.82
Standard Deviation	40.45	17.55	20.51	18.08	18.14	18.20	19.01	19.11	19.08	19.13	44.11
REAL TIME LBMP											
Unweighted Price *	26.93	25.15	19.60	25.92	26.00	28.84	29.45	29.55	29.51	29.61	38.68
Standard Deviation	24.64	17.65	20.23	18.24	18.44	18.59	19.64	19.78	19.75	19.76	50.87
	ONTARIO IESO	HYDRO QUEBEC (Wheel)	HYDRO QUEBEC (Import/Export)	PJM	NEW ENGLAND	CROSS SOUND CABLE	NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
		QUEBEC	QUEBEC	РЈМ		SOUND		NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison <u>Controllable</u>
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP	IESO Zone O	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	Zone O 23.97	QUEBEC (Wheel)  Zone M  24.02	QUEBEC (Import/Export)  Zone M  23.82	<b>Zone P</b> 30.75	ENGLAND  Zone N  31.39	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 36.91	Controllable Line 31.98	Controllable Line 32.07	Controllable Line 18.41
	IESO Zone O	QUEBEC (Wheel) Zone M	QUEBEC (Import/Export)	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price * Standard Deviation  RTC LBMP	Zone O 23.97 7.05	QUEBEC (Wheel) Zone M 24.02 8.10	QUEBEC (Import/Export)  Zone M  23.82 8.06	<b>Zone P</b> 30.75 9.54	<b>Zone N</b> 31.39 9.50	SOUND CABLE Controllable Line 38.59 13.77	NORWALK Controllable Line 35.32 10.27	Controllable Line 36.91 13.11	Controllable Line 31.98 9.68	Controllable Line 32.07 9.77	Controllable Line 18.41 6.85
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	Zone O 23.97 7.05	QUEBEC (Wheel) Zone M 24.02 8.10 19.28	QUEBEC (Import/Export)  Zone M  23.82 8.06	<b>Zone P</b> 30.75 9.54	<b>Zone N</b> 31.39 9.50	SOUND CABLE Controllable Line 38.59 13.77	NORWALK Controllable Line 35.32 10.27	26.91 36.91 13.11	27.01	27.09	18.41 6.85
Unweighted Price * Standard Deviation  RTC LBMP	Zone O 23.97 7.05	QUEBEC (Wheel) Zone M 24.02 8.10	QUEBEC (Import/Export)  Zone M  23.82 8.06	<b>Zone P</b> 30.75 9.54	<b>Zone N</b> 31.39 9.50	SOUND CABLE Controllable Line 38.59 13.77	NORWALK Controllable Line 35.32 10.27	Controllable Line 36.91 13.11	Controllable Line 31.98 9.68	Controllable Line 32.07 9.77	Controllable Line 18.41 6.85
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	Zone O 23.97 7.05	QUEBEC (Wheel) Zone M 24.02 8.10 19.28	QUEBEC (Import/Export)  Zone M  23.82 8.06	<b>Zone P</b> 30.75 9.54	<b>Zone N</b> 31.39 9.50	SOUND CABLE Controllable Line 38.59 13.77	NORWALK Controllable Line 35.32 10.27	26.91 36.91 13.11	27.01	27.09	18.41 6.85

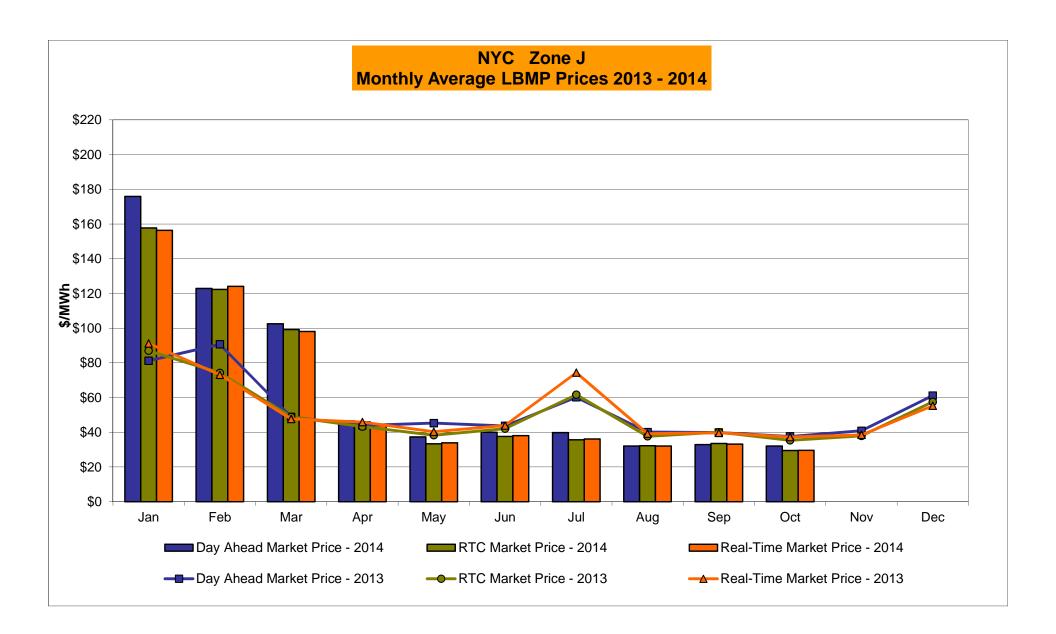
Market Mitigation and Analysis Prepared: 11/4/2014 12:28 PM

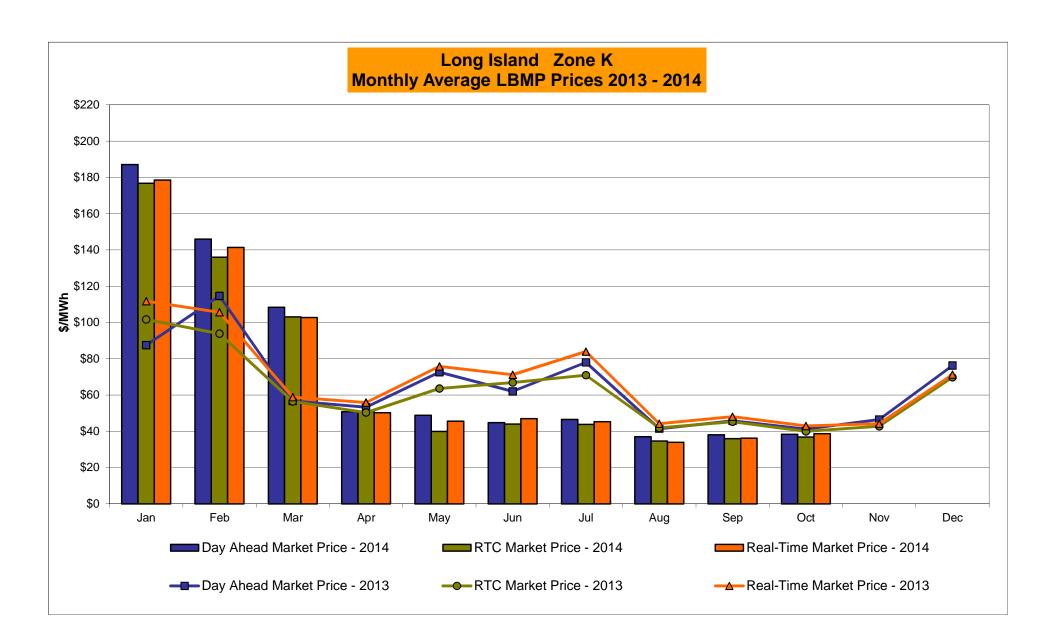
<sup>\*</sup> Straight LBMP averages

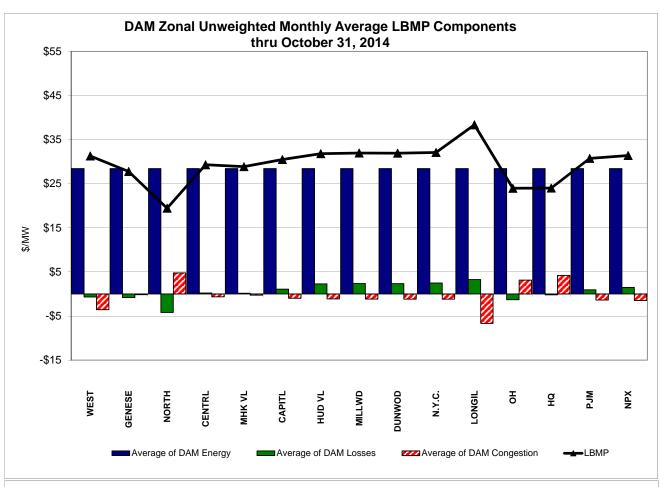


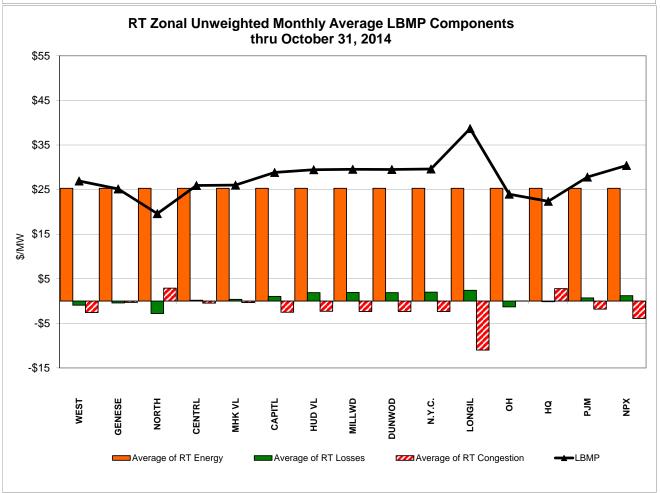




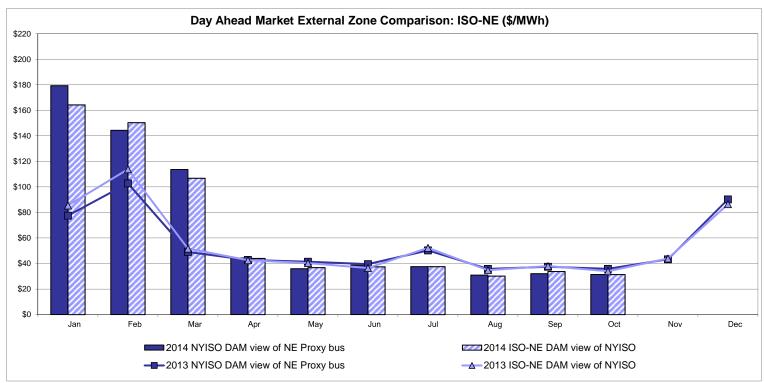


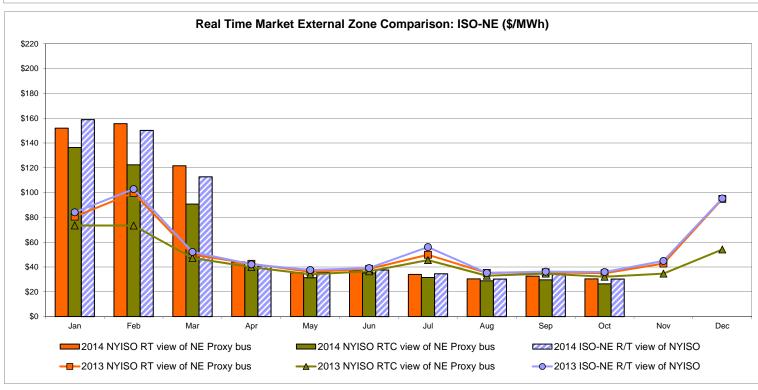




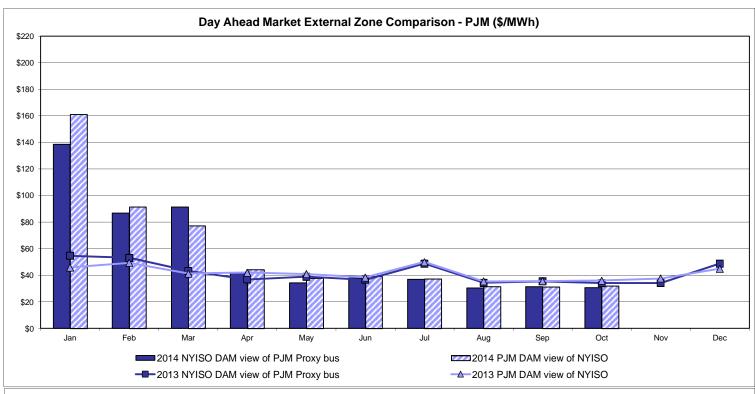


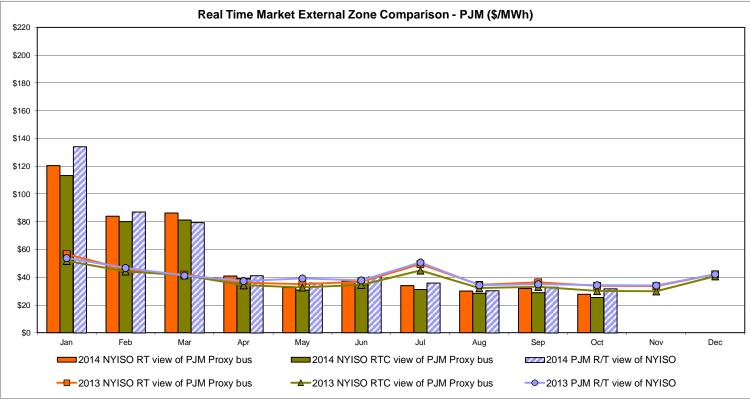
## **External Comparison ISO-New England**



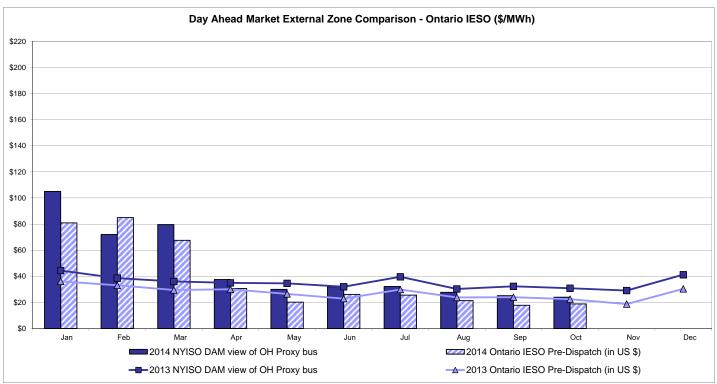


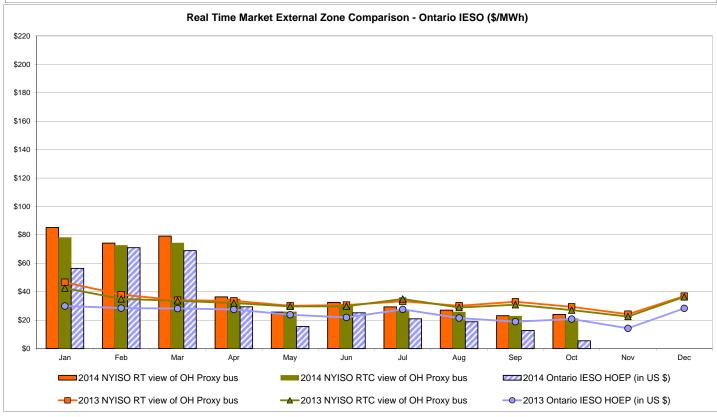
## **External Comparison PJM**





#### **External Comparison Ontario IESO**

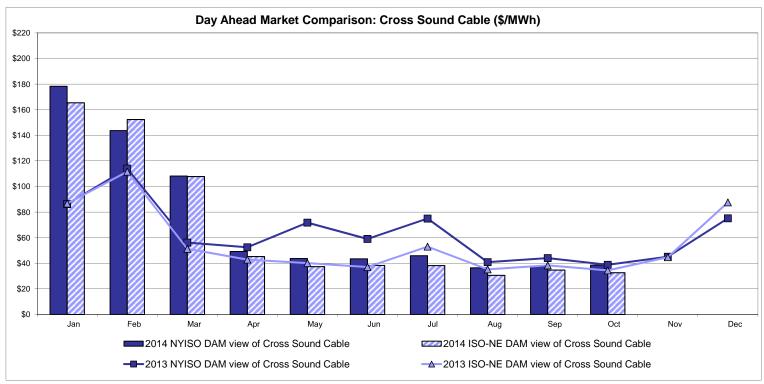


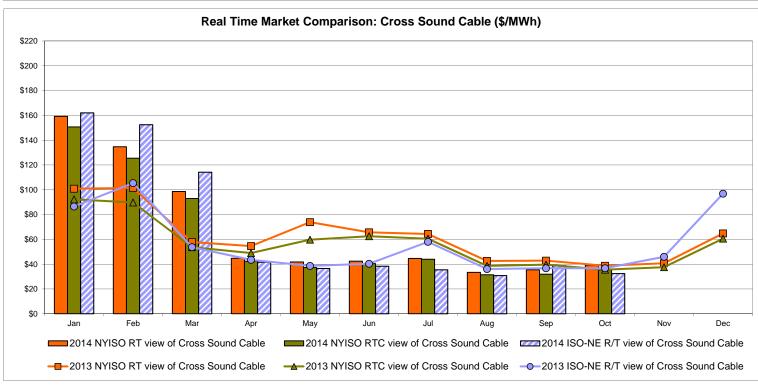


Notes: Exchange factor used for October 2014 was 0.891902 to US

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

# External Controllable Line: Cross Sound Cable (New England)





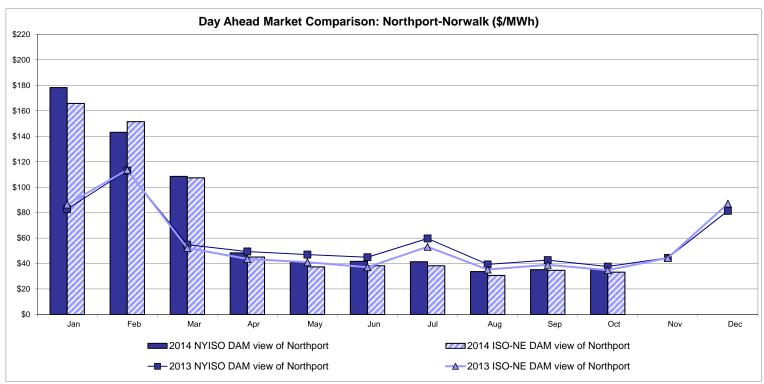
#### Note:

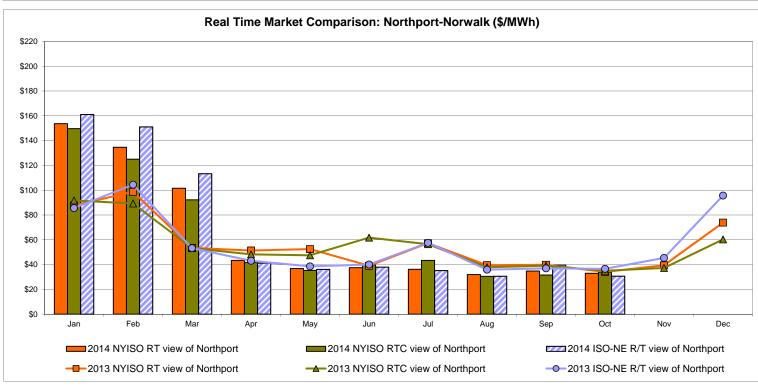
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)**





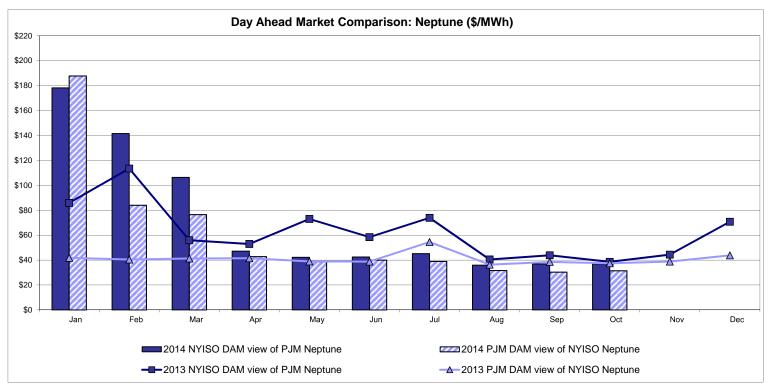
#### Note:

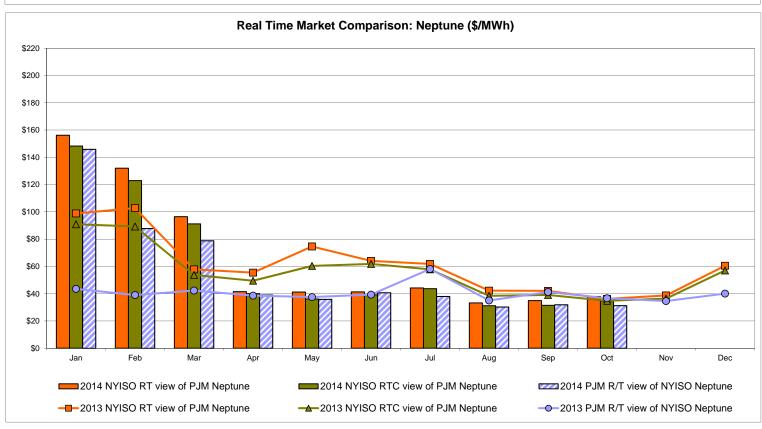
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

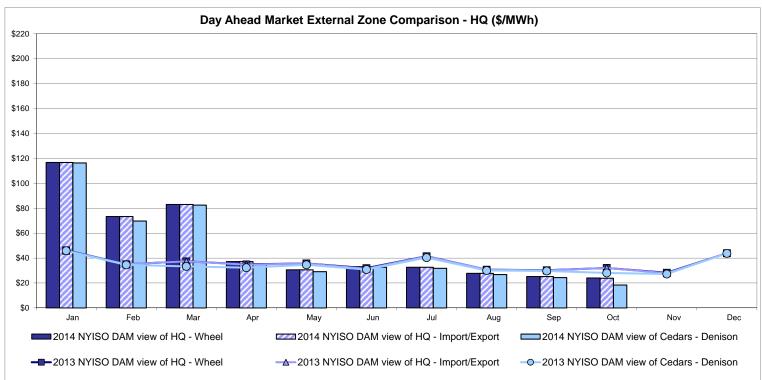
The DAM and R/T prices at the 1385 interface are used for NYISO.

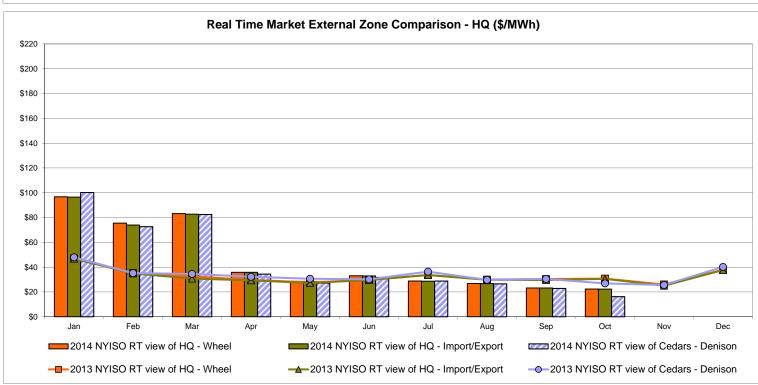
# **External Controllable Line: Neptune (PJM)**





## **External Comparison Hydro-Quebec**

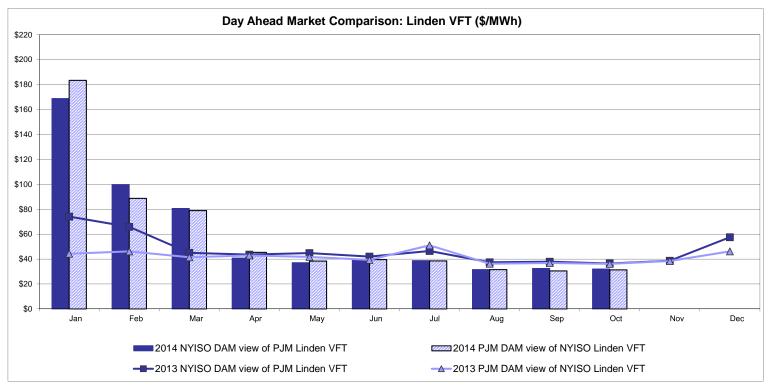


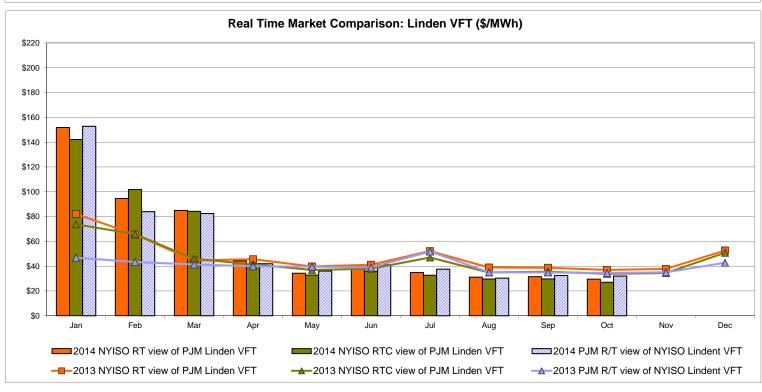


Note:

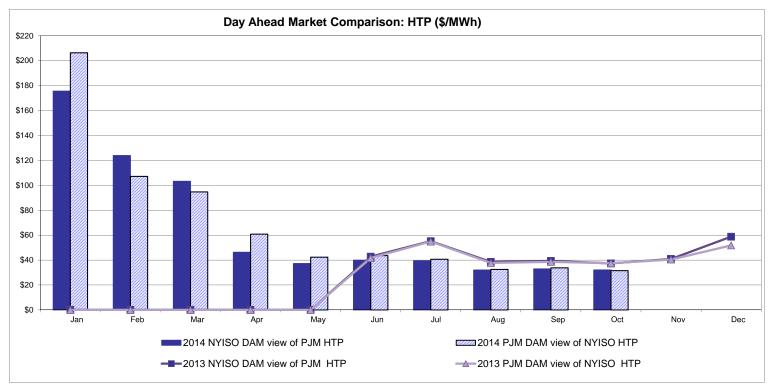
Hydro-Quebec Prices are unavailable.

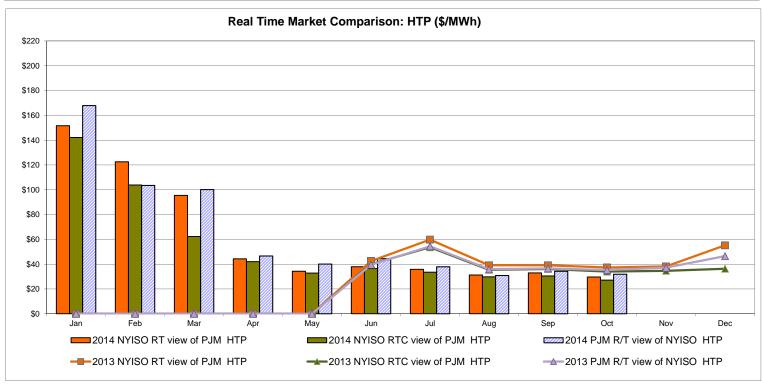
## **External Controllable Line: Linden VFT (PJM)**





# **External Controllable Line: Hudson (PJM)**



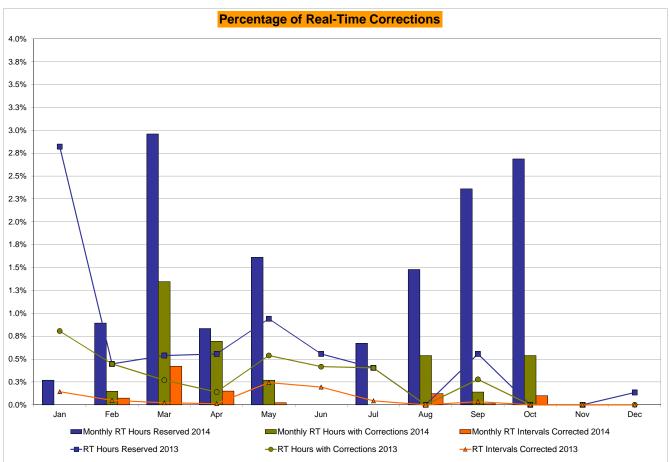


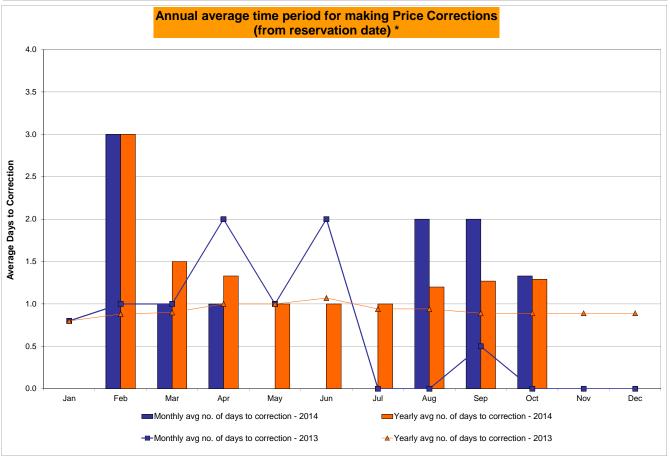
#### **NYISO Real Time Price Correction Statistics**

<u>2014</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	December
Hour Corrections													
Number of hours with corrections	in the month	0	1	10	5	2	0	0	4	1	4		
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744		
% of hours with corrections	in the month	0.00%	0.15%	1.35%	0.69%	0.27%	0.00%	0.00%	0.54%	0.14%	0.54%		
% of hours with corrections	year-to-date	0.00%	0.07%	0.51%	0.56%	0.50%	0.41%	0.35%	0.38%	0.35%	0.37%		
Interval Corrections													
Number of intervals corrected	in the month	0	6	38	13	2	0	0	11	1	9		
Number of intervals	in the month	9,232	8,205	9,023	8,720	9,030	8,729	8,999	8,975	8,779	9,026		
% of intervals corrected	in the month	0.00%	0.07%	0.42%	0.15%	0.02%	0.00%	0.00%	0.12%	0.01%	0.10%		
% of intervals corrected	year-to-date	0.00%	0.03%	0.17%	0.16%	0.13%	0.11%	0.10%	0.10%	0.09%	0.09%		
Hours Reserved	-												
Number of hours reserved	in the month	2	6	22	6	12	0	5	11	17	20		
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744		
% of hours reserved	in the month	0.27%	0.89%	2.96%	0.83%	1.61%	0.00%	0.67%	1.48%	2.36%	2.69%		
% of hours reserved	year-to-date	0.27%	0.56%	1.39%	1.25%	1.32%	1.11%	1.04%	1.10%	1.24%	1.38%		
Days to Correction *	your to duto	0.2.70	0.0070		112070	110270	,0			,	1.0070		
Avg. number of days to correction	in the month	0.00	3.00	1.00	1.00	0.00	0.00	0.00	2.00	2.00	1.33		
Avg. number of days to correction	year-to-date	0.00	3.00	1.50	1.33	1.00	1.00	1.00	1.20	1.27	1.29		
Days Without Corrections	your to duto	0.00	0.00						0		0		
Days without corrections	in the month	31	27	28	28	29	30	31	29	29	28		
Days without corrections	year-to-date	31	58	86	114	143	173	204	233	262	290		
	•												
2013		<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
2013 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>
	in the month	<u>January</u> 6	February 3	March 2	<u>April</u> 1	<u>May</u> 4	June 3	<u>July</u> 3	August 0	September 2	October 0	November 0	<u>December</u>
Hour Corrections	in the month	·	<del></del>		<u> </u>	<del></del>							
Hour Corrections  Number of hours with corrections		6	3	2	1	4	3	3	0	2	0	0	0
Hour Corrections  Number of hours with corrections  Number of hours	in the month	6 744	3 672	 2 743	1 720	4 744	3 720	3 744	0 744	2 720	0 744	0 721	0 744
Hour Corrections  Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	6 744 0.81%	3 672 0.45%	2 743 0.27%	1 720 0.14%	4 744 0.54%	3 720 0.42%	3 744 0.40%	0 744 0.00%	2 720 0.28%	0 744 0.00%	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	in the month in the month	6 744 0.81%	3 672 0.45%	2 743 0.27%	1 720 0.14%	4 744 0.54%	3 720 0.42%	3 744 0.40%	0 744 0.00%	2 720 0.28%	0 744 0.00%	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	6 744 0.81% 0.81%	3 672 0.45% 0.64%	2 743 0.27% 0.51%	1 720 0.14% 0.42%	4 744 0.54% 0.44%	3 720 0.42% 0.44%	3 744 0.40% 0.43%	0 744 0.00% 0.38%	2 720 0.28% 0.37%	0 744 0.00% 0.33%	0 721 0.00% 0.30%	0 744 0.00% 0.27%
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	6 744 0.81% 0.81%	3 672 0.45% 0.64%	2 743 0.27% 0.51%	1 720 0.14% 0.42%	4 744 0.54% 0.44%	3 720 0.42% 0.44%	3 744 0.40% 0.43%	0 744 0.00% 0.38%	2 720 0.28% 0.37%	0 744 0.00% 0.33%	0 721 0.00% 0.30%	0 744 0.00% 0.27%
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 in the month	6 744 0.81% 0.81% 13 9,104	3 672 0.45% 0.64% 4 8,230	2 743 0.27% 0.51% 2 9,026 0.02%	1 720 0.14% 0.42% 1 8,727	4 744 0.54% 0.44% 22 9,083	3 720 0.42% 0.44% 17 8,740	3 744 0.40% 0.43% 4 9,079	0 744 0.00% 0.38% 0 9,002	2 720 0.28% 0.37% 3 8,760	0 744 0.00% 0.33% 0 9,041	0 721 0.00% 0.30% 0 8,854	0 744 0.00% 0.27% 0 9,073
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	6 744 0.81% 0.81% 13 9,104 0.14%	3 672 0.45% 0.64% 4 8,230 0.05%	2 743 0.27% 0.51% 2 9,026	1 720 0.14% 0.42% 1 8,727 0.01%	4 744 0.54% 0.44% 22 9,083 0.24%	3 720 0.42% 0.44% 17 8,740 0.19%	3 744 0.40% 0.43% 4 9,079 0.04%	0 744 0.00% 0.38% 0 9,002 0.00%	2 720 0.28% 0.37% 3 8,760 0.03%	0 744 0.00% 0.33% 0 9,041 0.00%	0 721 0.00% 0.30% 0 8,854 0.00%	0 744 0.00% 0.27% 0 9,073 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	in the month in the month year-to-date in the month in the month in the month	6 744 0.81% 0.81% 13 9,104 0.14%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10%	2 743 0.27% 0.51% 2 9,026 0.02%	1 720 0.14% 0.42% 1 8,727 0.01%	4 744 0.54% 0.44% 22 9,083 0.24%	3 720 0.42% 0.44% 17 8,740 0.19%	3 744 0.40% 0.43% 4 9,079 0.04%	0 744 0.00% 0.38% 0 9,002 0.00%	2 720 0.28% 0.37% 3 8,760 0.03%	0 744 0.00% 0.33% 0 9,041 0.00%	0 721 0.00% 0.30% 0 8,854 0.00%	0 744 0.00% 0.27% 0 9,073 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	6 744 0.81% 0.81% 13 9,104 0.14%	3 672 0.45% 0.64% 4 8,230 0.05%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07%	1 720 0.14% 0.42% 1 8,727 0.01% 0.06%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06%
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	6 744 0.81% 0.81% 13 9,104 0.14% 0.14%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07%	1 720 0.14% 0.42% 1 8,727 0.01% 0.06%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06%
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	6 744 0.81% 0.81% 13 9,104 0.14% 0.14% 21 744 2.82%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10% 3 672 0.45%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07% 4 743 0.54%	1 720 0.14% 0.42% 1 8,727 0.01% 0.06% 4 720 0.56%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10% 7 744 0.94%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11% 4 720 0.56%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10% 3 744 0.40%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09% 0 744 0.00%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08% 4 720 0.56%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07% 0 744 0.00%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07% 0 721 0.00%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06% 1 744 0.13%
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 in the month year-to-date	6 744 0.81% 0.81% 13 9,104 0.14% 0.14%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07% 4 743	1 720 0.14% 0.42% 1 8,727 0.01% 0.06%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06%
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	6 744 0.81% 0.81% 13 9,104 0.14% 0.14% 21 744 2.82% 2.82%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10% 3 672 0.45% 1.69%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07% 4 743 0.54% 1.30%	1 720 0.14% 0.42% 1 8,727 0.01% 0.06% 4 720 0.56% 1.11%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10% 7 744 0.94% 1.08%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11% 4 720 0.56% 0.99%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10% 3 744 0.40% 0.90%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09% 0 744 0.00% 0.79%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08% 4 720 0.56% 0.76%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07% 0 744 0.00% 0.69%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07% 0 721 0.00% 0.62%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06% 1 744 0.13% 0.58%
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	6 744 0.81% 0.81% 13 9,104 0.14% 0.14% 21 744 2.82% 2.82%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10% 3 672 0.45% 1.69%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07% 4 743 0.54% 1.30%	1 720 0.14% 0.42% 1 8,727 0.01% 0.06% 4 720 0.56% 1.11%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10% 7 744 0.94% 1.08%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11% 4 720 0.56% 0.99%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10% 3 744 0.40% 0.90%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09% 0 744 0.00% 0.79%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08% 4 720 0.56% 0.76%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07% 0 744 0.00% 0.69%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07% 0 721 0.00% 0.62%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06% 1 744 0.13% 0.58%
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  Your hours % 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 in the month in the month in the month year-to-date	6 744 0.81% 0.81% 13 9,104 0.14% 0.14% 21 744 2.82% 2.82%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10% 3 672 0.45% 1.69%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07% 4 743 0.54% 1.30%	1 720 0.14% 0.42% 1 8,727 0.01% 0.06% 4 720 0.56% 1.11%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10% 7 744 0.94% 1.08%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11% 4 720 0.56% 0.99%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10% 3 744 0.40% 0.90%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09% 0 744 0.00% 0.79%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08% 4 720 0.56% 0.76%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07% 0 744 0.00% 0.69%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07% 0 721 0.00% 0.62%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06% 1 744 0.13% 0.58%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections  More 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 Days Without 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 year-to-date	6 744 0.81% 0.81% 13 9,104 0.14% 0.14% 21 744 2.82% 2.82% 0.80 0.80	3 672 0.45% 0.64% 4 8,230 0.05% 0.10% 3 672 0.45% 1.69%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07% 4 743 0.54% 1.30% 1.00 0.90	1 720 0.14% 0.42% 1 8,727 0.01% 0.06% 4 720 0.56% 1.11% 2.00 1.00	4 744 0.54% 0.44% 22 9,083 0.24% 0.10% 7 744 0.94% 1.08%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11% 4 720 0.56% 0.99% 2.00 1.07	3 744 0.40% 0.43% 4 9,079 0.04% 0.10% 3 744 0.40% 0.90% 0.00 0.94	0 744 0.00% 0.38% 0 9,002 0.00% 0.09% 0 744 0.00% 0.79% 0.00 0.94	2 720 0.28% 0.37% 3 8,760 0.03% 0.08% 4 720 0.56% 0.76% 0.50 0.89	0 744 0.00% 0.33% 0 9,041 0.00% 0.07% 0 744 0.00% 0.69% 0.00 0.89	0 721 0.00% 0.30%  0 8,854 0.00% 0.07%  0 721 0.00% 0.62%  0.00 0.89	0 744 0.00% 0.27% 0 9,073 0.00% 0.06% 1 744 0.13% 0.58% 0.00 0.89
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  Your hours % 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	6 744 0.81% 0.81% 13 9,104 0.14% 0.14% 21 744 2.82% 2.82%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10% 3 672 0.45% 1.69%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07% 4 743 0.54% 1.30%	1 720 0.14% 0.42% 1 8,727 0.01% 0.06% 4 720 0.56% 1.11%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10% 7 744 0.94% 1.08%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11% 4 720 0.56% 0.99%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10% 3 744 0.40% 0.90%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09% 0 744 0.00% 0.79%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08% 4 720 0.56% 0.76%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07% 0 744 0.00% 0.69%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07% 0 721 0.00% 0.62%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06% 1 744 0.13% 0.58%

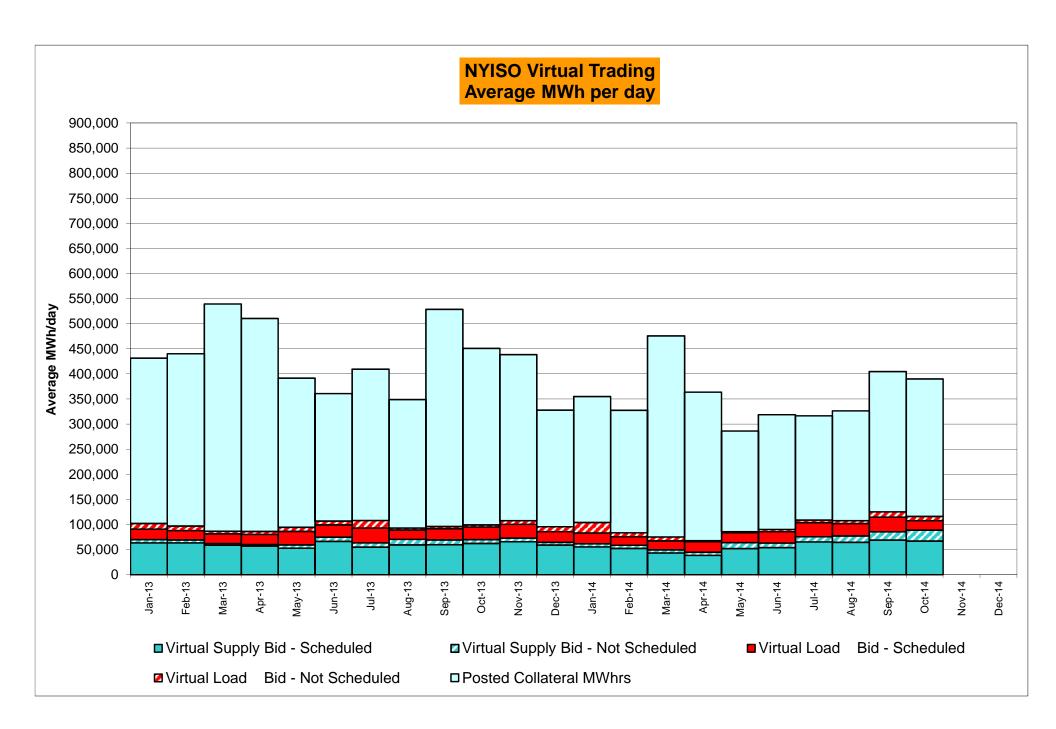
<sup>\*</sup> Calendar days from reservation date.

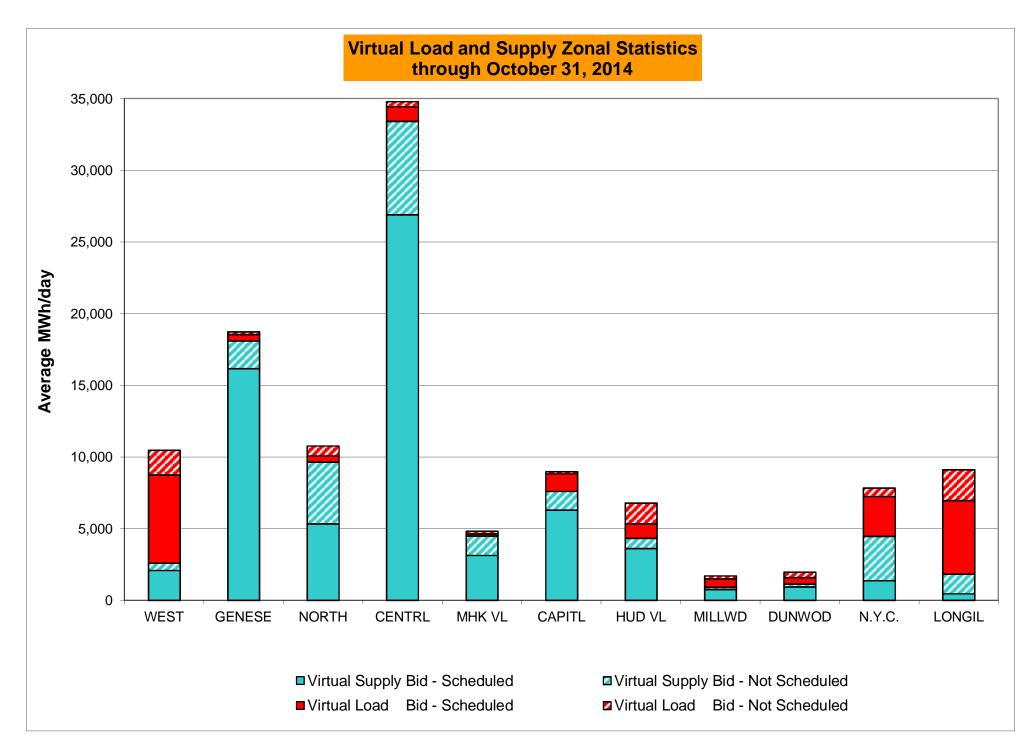
Market Mitigation and Analysis Prepared: 11/5/2014 3:04 PM





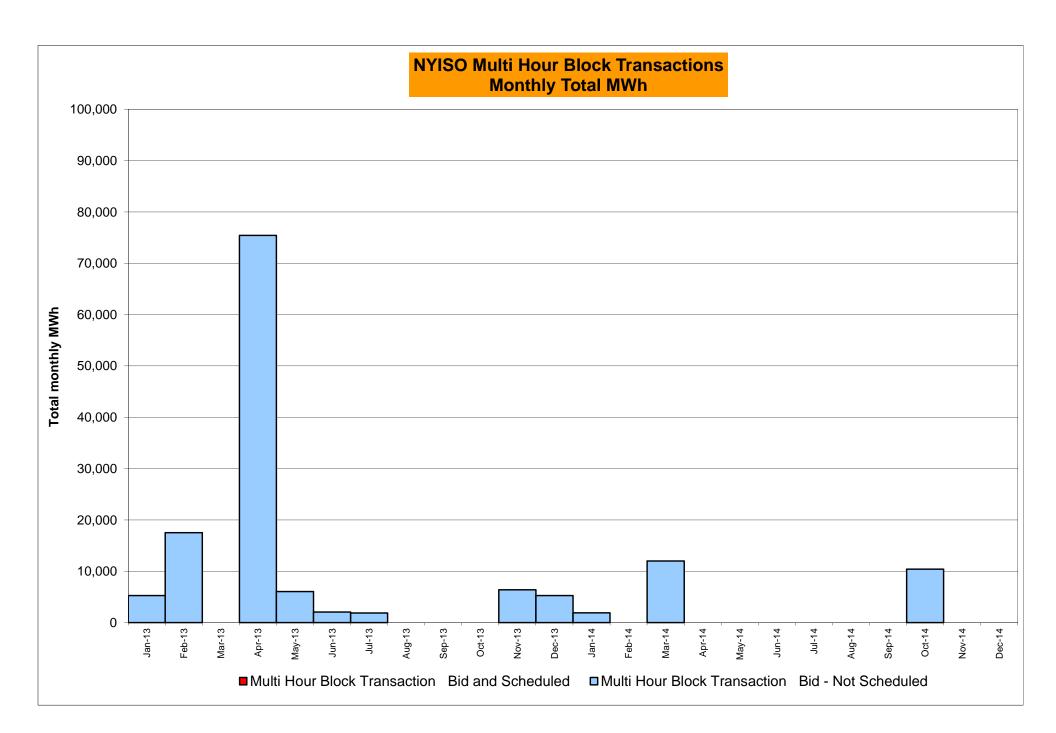
<sup>\*</sup> Calendar days from reservation date.

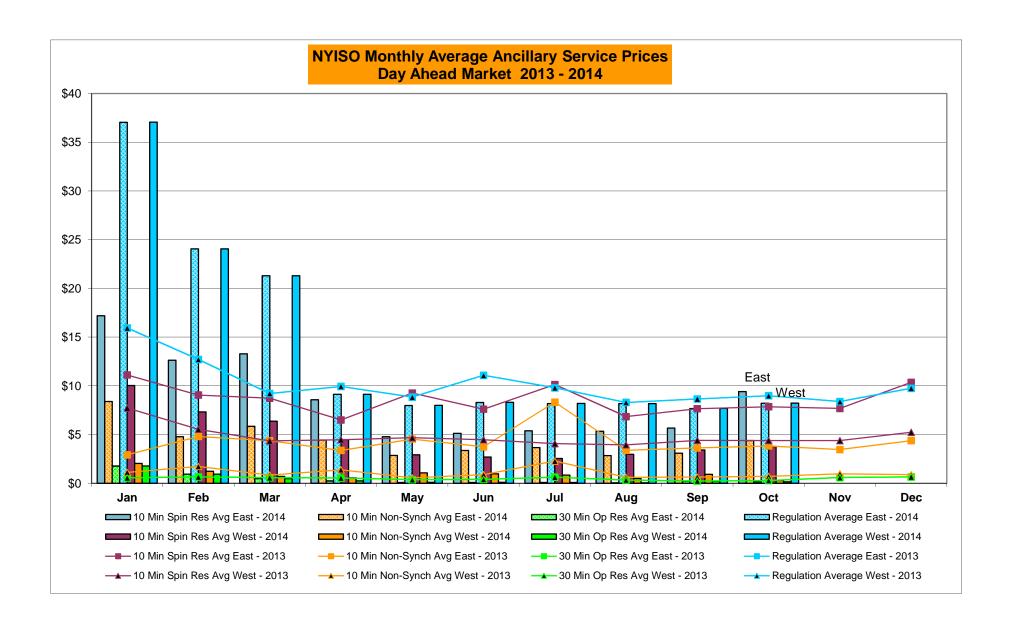


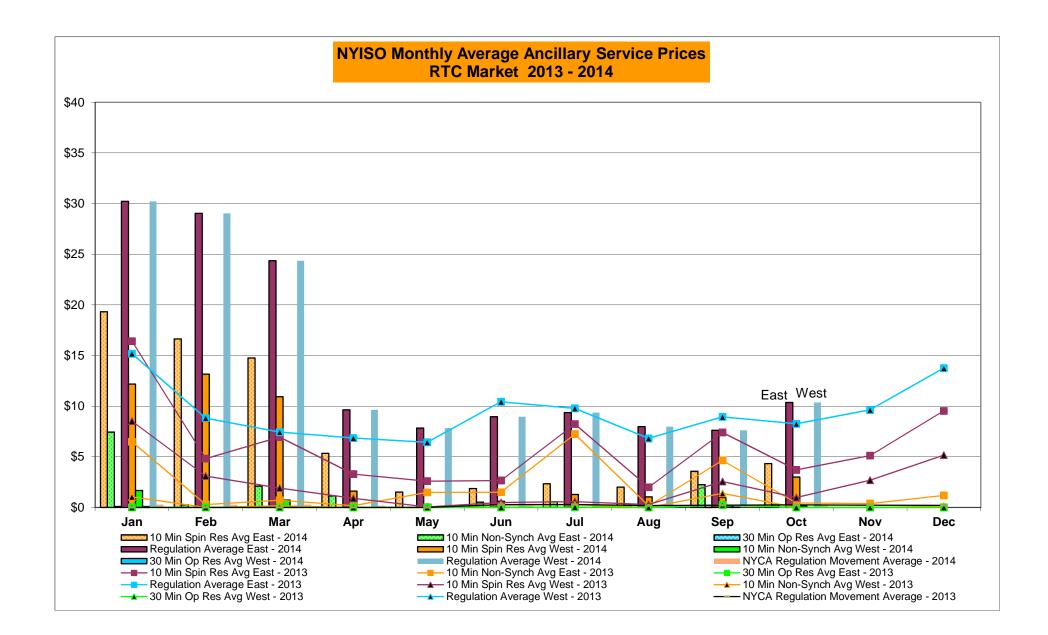


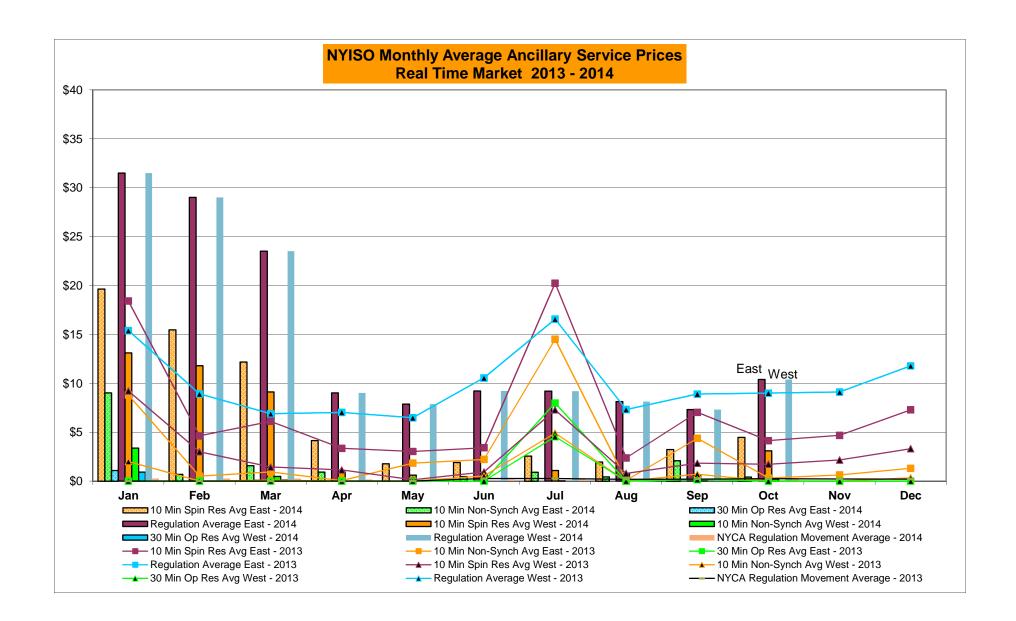
	Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2014																
		T-		T-						T-				Г			
		Virtual L		Virtual S	upply Bid			Virtual L		Virtual Su				Virtual I	Load Bid	Virtual Su	
			Not		Not		_		Not		Not	_	_		Not		Not
Zone	Date	Scheduled		Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled
WEST	Jan-14	6,213	5,063	2,777	155	MHK VL	Jan-14	429	587	1,316	260	DUNWOD	Jan-14	354		2,182	268
	Feb-14				422		Feb-14	340	204	824	90		Feb-14	577			176
	Mar-14 Apr-14			2,874 1,880	159 130		Mar-14	415 242	527 44	826 1,685	106 136		Mar-14	481 211	473 17		146
	May-14		353	952	158		Apr-14 May-14	231	7		412	=	Apr-14 May-14	930			87 67
	Jun-14		1,645		277		Jun-14	632	115		195	_	Jun-14	1,814			25
	Jul-14	6,396			78		Jul-14	610	99		256		Jul-14	3,228			25 243
	Aug-14			1,574	255		Aug-14	148	59		1,114		Aug-14	1,647		,	255
	Sep-14			1,481	468		Sep-14	286	125	3,406	1,108		Sep-14	2,189		1,059	95
	Oct-14	,			496		Oct-14	152	190	3,136	1,355		Oct-14	426			215
	Nov-14						Nov-14						Nov-14				
	Dec-14						Dec-14						Dec-14				
GENESE	Jan-14	434	279		425	CAPITL	Jan-14	1,439	1,278	3,985	379	N.Y.C.	Jan-14	2,627			1,083
	Feb-14	473		5,250	487		Feb-14	1,116	871	4,100	127		Feb-14	2,470			625
	Mar-14				88		Mar-14	1,237	939	4,623	129		Mar-14	3,075			1,172
	Apr-14		13		173		Apr-14	780	107	4,476	133		Apr-14	3,335			2,900
	May-14	134 211			798 405		May-14	479 367	17 93	5,367 5,631	337 333		May-14	2,276		205 121	4,679 3,613
	Jun-14 Jul-14	979			549		Jun-14 Jul-14	452	31	8,007	1,290		Jun-14 Jul-14	2,741 4,273			780
	Aug-14				938		Aug-14	753	8		1,402	_	Aug-14	3,526			740
	Sep-14				1,394		Sep-14	1,939	132		933		Sep-14	4,575			630
	Oct-14	446			1,958		Oct-14	1,218	138		1,304		Oct-14	2,781		,	3,096
	Nov-14			,	.,		Nov-14	.,		2,211	1,001		Nov-14	_,		.,,,,,	2,000
	Dec-14						Dec-14						Dec-14				
NORTH	Jan-14	47			1,592	HUD VL	Jan-14	1,612	1,554	4,091	466	LONGIL	Jan-14	7,605		59	375
	Feb-14			-, -	1,308		Feb-14	634	1,325	3,963	792		Feb-14	5,365		145	230
	Mar-14	121			895		Mar-14	552	1,130	3,644	1,081	_	Mar-14	5,083		166	223
	Apr-14	67			1,007 955		Apr-14	413 817	725 358		918 760		Apr-14	7,434			18 151
	May-14 Jun-14	89 17		.,	1,222		May-14 Jun-14	1,007	964	4,407 3,669	640		May-14 Jun-14	6,303 6,607	,	97	77
	Jul-14	42			1,278		Jul-14	1,828	1,243	2,924	1,328	_	Jul-14	7,903			854
	Aug-14			0,00.	1,624		Aug-14	1,349	1,507	3,568	987		Aug-14	6,681			1,306
	Sep-14	166		6,631	3,973		Sep-14	1,194	1,752	4,736	1,957		Sep-14	6,722		682	943
	Oct-14				4,316		Oct-14	996	1,456	3,632	695	1	Oct-14	5,109		470	1,378
	Nov-14			·	,		Nov-14		,	·			Nov-14	,	,		,
	Dec-14						Dec-14						Dec-14				
CENTRL	Jan-14	675			624	MILLWD	Jan-14	235	401	848	470	NYISO	Jan-14	21,670			6,098
	Feb-14	419 466			1,484		Feb-14	324 278	183	1,015	357		Feb-14	16,907	7,888	52,604	6,097
	Mar-14 Apr-14				1,822 430		Mar-14 Apr-14	119	293 54	872 878	262 255	+	Mar-14 Apr-14	17,855 20,848		43,485 38,637	6,082 6,187
	May-14			,	3,035		May-14	395	32		392	+	May-14	19,467			11,742
	Jun-14	829			2,180		Jun-14	670	66		254	+	Jun-14	22,606			9,221
	Jul-14	1,041	71		3,466		Jul-14	1,148	184	840	213	1	Jul-14	27,900			10,336
	Aug-14				4,027		Aug-14	573	91	809	266	1	Aug-14	24,561	5,920		12,915
	Sep-14				4,692		Sep-14	926	236		322	1	Sep-14	29,368			16,514
	Oct-14	1,020			6,511		Oct-14	574	208	768	150	1	Oct-14	19,294		67,108	21,473
	Nov-14						Nov-14						Nov-14				
	Dec-14						Dec-14						Dec-14				

Market Mitigation and Analysis Prepared: 11/4/2014 11:13 AM







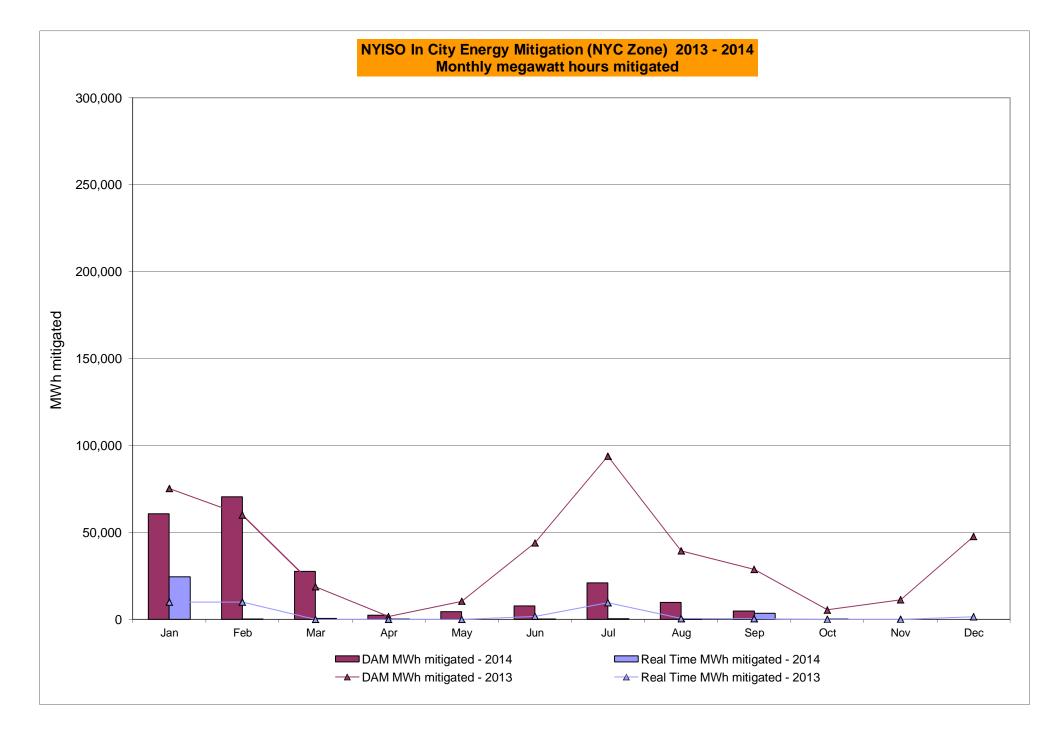


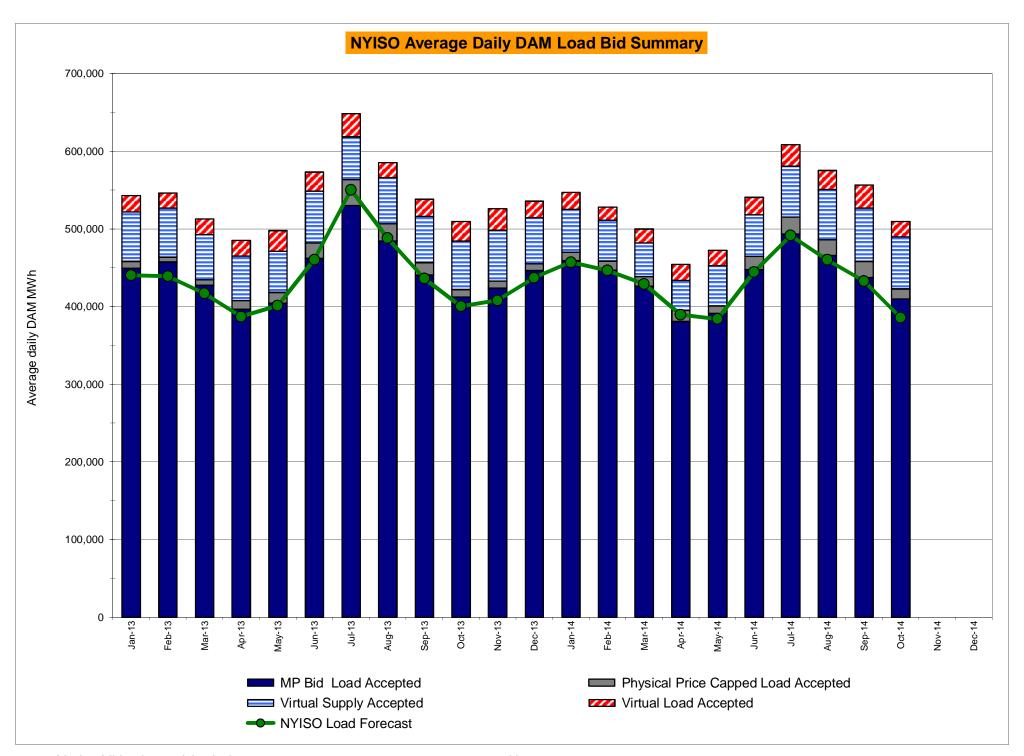
#### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

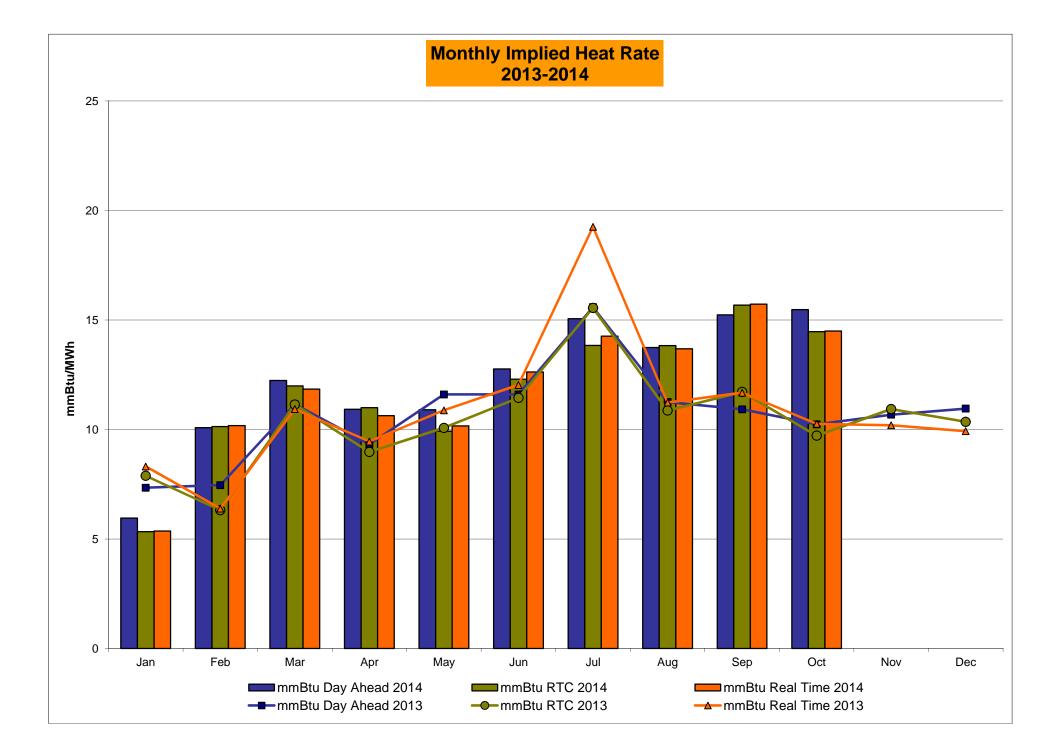
	-	TI IOO Mark	oto / tiroina.	,	<del>- Clationio</del>	Onweight	00	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>				
<u>2014</u>	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market												
10 Min Spin East	17.19	12.62	13.27	8.57	4.77	5.11	5.37	5.33	5.66	9.41		
10 Min Spin West	10.02	7.32	6.36	4.47	2.92	2.69	2.54	2.96	3.41	3.76		
10 Min Non Synch East	8.40	4.78	5.86	4.44	2.86	3.37	3.65	2.85	3.08	4.40		
10 Min Non Synch West	2.02	1.23	0.70	0.55	1.06	0.96	0.83	0.49	0.91	0.27		
30 Min East	1.77	0.93	0.47	0.24	0.09	0.08	0.08	0.04	0.21	0.14		
30 Min West	1.77	0.93	0.47	0.24	0.09	0.08	0.08	0.04	0.21	0.14		
Regulation East	37.05	24.05	21.29	9.12	7.99	8.30	8.18	8.18	7.67	8.21		
Regulation West	37.05	24.05	21.29	9.12	7.99	8.30	8.18	8.18	7.67	8.21		
RTC Market												
10 Min Spin East	19.32	16.64	14.76	5.34	1.52	1.87	2.35	2.00	3.57	4.32		
10 Min Spin West	12.18	13.16	10.93	1.61	0.33	0.61	1.27	1.04	0.98	2.99		
·												
10 Min Non Synch East	7.43	0.26	2.10	1.14	0.00	0.52	0.55	0.20	2.25	0.25		
10 Min Non Synch West	1.68	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.17	0.13		
30 Min East	0.08	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.02	0.00		
30 Min West	0.08	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.02	0.00		
Regulation East	30.21	29.03	24.35	9.64	7.83	8.95	9.36	7.97	7.62	10.36		
Regulation West	30.21	29.03	24.35	9.64	7.83	8.95	9.36	7.97	7.62	10.36		
NYCA Regulation Movement	0.28	0.27	0.26	0.17	0.15	0.17	0.21	0.18	0.21	0.20		
Real Time Market												
10 Min Spin East	19.64	15.48	12.19	4.15	1.78	1.92	2.57	1.96	3.23	4.47		
10 Min Spin West	13.10	11.80	9.11	0.94	0.61	0.72	1.08	0.76	0.60	3.10		
10 Min Non Synch East	9.03	0.70	1.59	0.93	0.00	0.48	0.92	0.44	2.09	0.42		
10 Min Non Synch West	3.37	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.05	0.20		
30 Min East	1.10	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
30 Min West	0.92	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Regulation East	31.50	29.02	23.52	9.02	7.87	9.21	9.21	8.13	7.31	10.39		
Regulation West	31.50	29.02	23.52	9.02	7.87	9.21	9.21	8.13	7.31	10.39		
NYCA Regulation Movement	0.27	0.27	0.27	0.17	0.15	0.18	0.21	0.19	0.21	0.19		
S .												
·		February	March	April	Mav	June		August	September	October	November	December
<u>2013</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	July	<u>August</u>	September	October	November	December
2013 Day Ahead Market	<u>January</u>	-					<u>July</u>		•			
2013  Day Ahead Market  10 Min Spin East	<u>January</u> 11.12	9.05	8.73	6.49	9.25	7.59	<u>July</u> 10.13	6.84	7.65	7.85	7.68	10.35
2013  Day Ahead Market  10 Min Spin East 10 Min Spin West	<u>January</u> 11.12 7.72	9.05 5.53	8.73 4.34	6.49 4.46	9.25 4.67	7.59 4.46	<u>July</u> 10.13 4.06	6.84 3.94	7.65 4.40	7.85 4.38	7.68 4.37	10.35 5.23
2013  Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East	<u>January</u> 11.12 7.72 2.91	9.05 5.53 4.79	8.73 4.34 4.36	6.49 4.46 3.36	9.25 4.67 4.52	7.59 4.46 3.73	July 10.13 4.06 8.31	6.84 3.94 3.37	7.65 4.40 3.62	7.85 4.38 3.82	7.68 4.37 3.45	10.35 5.23 4.37
2013  Day Ahead Market  10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	<u>January</u> 11.12 7.72 2.91 1.11	9.05 5.53 4.79 1.73	8.73 4.34 4.36 0.84	6.49 4.46 3.36 1.38	9.25 4.67 4.52 0.55	7.59 4.46 3.73 0.88	July 10.13 4.06 8.31 2.27	6.84 3.94 3.37 0.60	7.65 4.40 3.62 0.63	7.85 4.38 3.82 0.70	7.68 4.37 3.45 0.96	10.35 5.23 4.37 0.87
2013  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East	January 11.12 7.72 2.91 1.11 0.56	9.05 5.53 4.79 1.73 0.65	8.73 4.34 4.36 0.84 0.56	6.49 4.46 3.36 1.38 0.53	9.25 4.67 4.52 0.55 0.36	7.59 4.46 3.73 0.88 0.40	July 10.13 4.06 8.31 2.27 0.62	6.84 3.94 3.37 0.60 0.33	7.65 4.40 3.62 0.63 0.23	7.85 4.38 3.82 0.70 0.28	7.68 4.37 3.45 0.96 0.59	10.35 5.23 4.37 0.87 0.65
2013  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	January 11.12 7.72 2.91 1.11 0.56 0.56	9.05 5.53 4.79 1.73 0.65 0.65	8.73 4.34 4.36 0.84 0.56 0.56	6.49 4.46 3.36 1.38 0.53 0.53	9.25 4.67 4.52 0.55 0.36	7.59 4.46 3.73 0.88 0.40 0.40	July 10.13 4.06 8.31 2.27 0.62 0.62	6.84 3.94 3.37 0.60 0.33 0.33	7.65 4.40 3.62 0.63 0.23 0.23	7.85 4.38 3.82 0.70 0.28 0.28	7.68 4.37 3.45 0.96 0.59 0.59	10.35 5.23 4.37 0.87 0.65 0.65
2013  Day Ahead Market  10 Min Spin East  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East	January 11.12 7.72 2.91 1.11 0.56	9.05 5.53 4.79 1.73 0.65	8.73 4.34 4.36 0.84 0.56	6.49 4.46 3.36 1.38 0.53	9.25 4.67 4.52 0.55 0.36	7.59 4.46 3.73 0.88 0.40	July 10.13 4.06 8.31 2.27 0.62	6.84 3.94 3.37 0.60 0.33	7.65 4.40 3.62 0.63 0.23	7.85 4.38 3.82 0.70 0.28	7.68 4.37 3.45 0.96 0.59	10.35 5.23 4.37 0.87 0.65
2013  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	January 11.12 7.72 2.91 1.11 0.56 0.56	9.05 5.53 4.79 1.73 0.65 0.65	8.73 4.34 4.36 0.84 0.56 0.56	6.49 4.46 3.36 1.38 0.53 0.53	9.25 4.67 4.52 0.55 0.36	7.59 4.46 3.73 0.88 0.40 0.40	July 10.13 4.06 8.31 2.27 0.62 0.62	6.84 3.94 3.37 0.60 0.33 0.33	7.65 4.40 3.62 0.63 0.23 0.23	7.85 4.38 3.82 0.70 0.28 0.28	7.68 4.37 3.45 0.96 0.59 0.59	10.35 5.23 4.37 0.87 0.65 0.65
2013  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	11.12 7.72 2.91 1.11 0.56 0.56 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21	6.49 4.46 3.36 1.38 0.53 0.53 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74
2013  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	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74
2013  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	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74
2013  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	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74
2013  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	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16
2013  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	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74
2013  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	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16
2013  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 Spin West  10 Min Non Synch East  10 Min Non Synch East  10 Min Non Synch West	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94  16.42 8.50 6.48 1.04 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13
2013  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 East  30 Min East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00
2013  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 East  30 Min West  Regulation East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 0.00 6.84	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 0.00 6.42	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 0.00 6.81	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00
2013  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 East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.29 0.16 0.00 0.00 0.00 6.81 6.81	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 0.00 9.63 9.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75
2013  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 East  30 Min West  Regulation East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 0.00 6.84	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 0.00 6.42	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 0.00 6.81	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00
2013  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 Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  30 Min West  Regulation East  Regulation Movest  Regulation West  Regulation Movement  Real Time Market	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 0.00 6.42 6.42 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.16 0.00 0.00 0.00 6.81 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 0.00 9.63 9.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75
2013  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  30 Min East  Regulation East  Regulation East  Regulation West  Regulation East  Regulation East  Regulation West  Regulation West  Regulation Movement	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.29 0.16 0.00 0.00 0.00 6.81 6.81	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 0.00 9.63 9.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75
2013  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 Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  30 Min West  Regulation East  Regulation Movest  Regulation West  Regulation Movement  Real Time Market	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 0.00 6.42 6.42 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.16 0.00 0.00 0.00 6.81 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20
2013  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 West Regulation East Regulation West 30 Min East 30 Min West Regulation East Regulation Movement Real Time Market 10 Min Spin East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.16 0.00 0.00 0.00 6.81 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 0.00 9.63 9.63 0.22	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20
2013  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 Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East  30 Min East  30 Min East  Regulation West  Regulation East Regulation Most  Regulation East Regulation Most  Regulation West  NYCA Regulation Movement  Real Time Market  10 Min Spin East  10 Min Spin East  10 Min Spin West	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28 20.24 7.29 14.51	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21  7.03 1.83 4.37	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 0.20
2013  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 West  Regulation East  Regulation West  NYCA Regulation Movement  Real Time Market  10 Min Spin East  10 Min Spin East  10 Min Spin East  10 Min Spin East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00  18.42 9.22 8.81 2.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27  3.41 0.94 2.22 0.53	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28  20.24 7.29 14.51 4.91	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21  7.03 1.83 4.37 0.70	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38  5.11 2.68 0.38 0.00 0.00 9.63 9.63 9.63 0.22  4.68 2.16 0.63 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31
2013  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 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 Movest  Regulation East  Regulation East  Regulation West  Regulation West  Regulation West  NYCA Regulation Movement  Real Time Market  10 Min Spin East  10 Min Spin East  10 Min Spin West  10 Min Spin West  10 Min Spin West  10 Min Spin Heast  10 Min Spin West  10 Min Non Synch East  10 Min Non Synch West  30 Min East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00  18.42 9.22 8.81 2.00 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27  3.41 0.94 2.22 0.53 0.00	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28  20.24 7.29 14.51 4.91 7.99	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21  7.03 1.83 4.37 0.70 0.17	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31 0.34
2013  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 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 Movement Real Time 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 East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00  18.42 9.22 8.81 2.00 0.00 0.00 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 0.00 0.00 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00 0.00 0.00 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27  3.41 0.94 2.22 0.53 0.00 0.00 0.00	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28  20.24 7.29 14.51 4.91 7.99 4.55	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.16 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00 0.00 0.00 0.00 0.0	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21  7.03 1.83 4.37 0.70 0.17 0.17	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38  5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22  4.68 2.16 0.63 0.00 0.00 0.00 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00 0.00
2013  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 East 10 Min West Regulation East Regulation Movent Regulation East Regulation Movest Regulation East Regulation West NYCA Regulation Movement  Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Non Synch 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 30 Min West Regulation East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00  18.42 9.22 8.81 2.00 0.00 0.00 0.00 15.40	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00 0.00 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 9.21 6.94 1.90 0.70 0.15 0.00 7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00 0.00 6.89	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 0.00 0.00 7.03	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00 0.00 0.00 6.48	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27  3.41 0.94 2.22 0.53 0.00 0.00 10.55	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28  20.24 7.29 14.51 4.91 7.99 4.55 16.57	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00 0.00 0.00 0.00 0.0	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21  7.03 1.83 4.37 0.70 0.17 0.17 8.90	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00 0.00 0.00 9.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00 0.00 0.00 0.00 0.00 0.0	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00 0.00
2013  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 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 Movement Real Time 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 East	January  11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94  16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00  18.42 9.22 8.81 2.00 0.00 0.00 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 0.00 0.00 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00 0.00 0.00 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07  2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27  3.41 0.94 2.22 0.53 0.00 0.00 0.00	July 10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80  8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28  20.24 7.29 14.51 4.91 7.99 4.55	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.16 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00 0.00 0.00 0.00 0.0	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65  7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21  7.03 1.83 4.37 0.70 0.17 0.17	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38  5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22  4.68 2.16 0.63 0.00 0.00 0.00 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00 0.00

# NYISO In City Energy Mitigation - AMP (NYC Zone) 2013 - 2014 Percentage of committed unit-hours mitigated

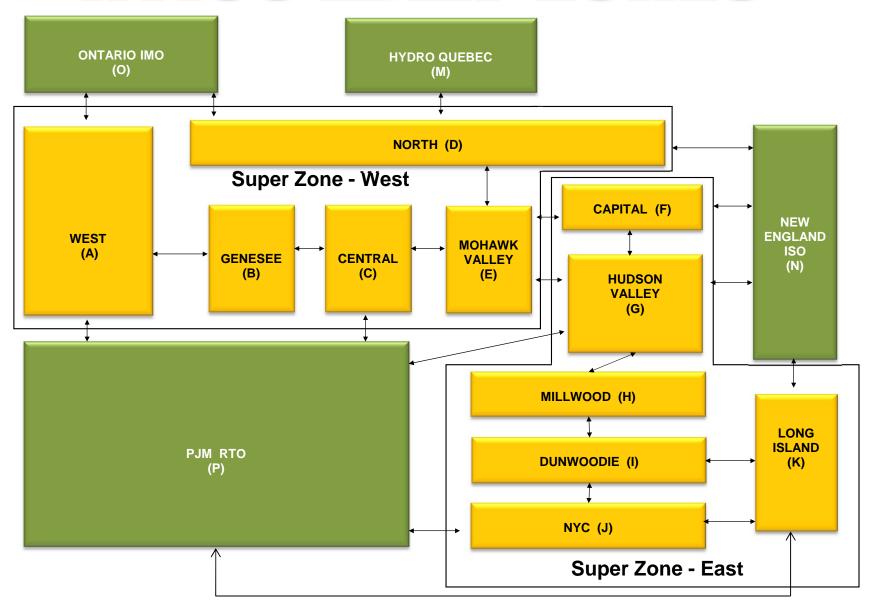








# NYISO LBMP ZONES

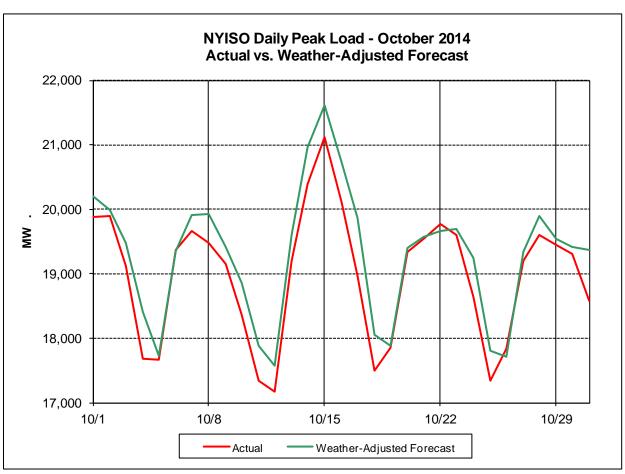


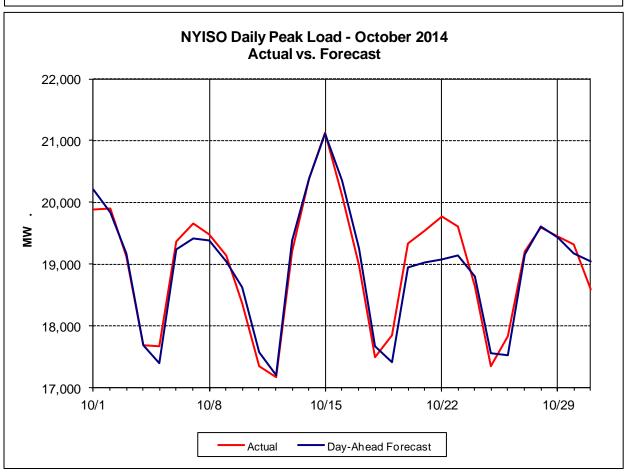
Market Mitigation and Analysis Prepared: 11/4/2014 1:56 PM

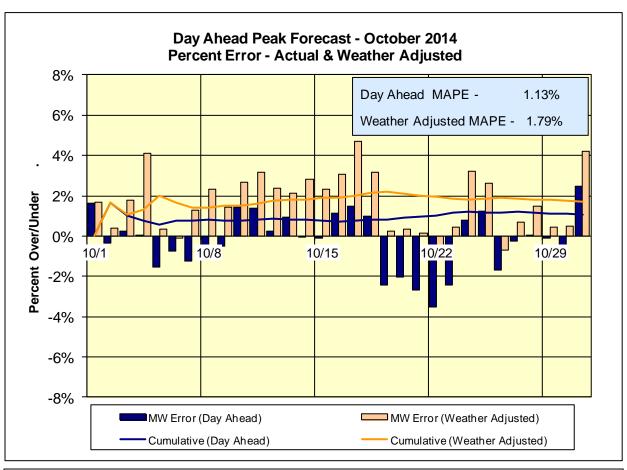
#### **Billing Codes for Chart 4-C**

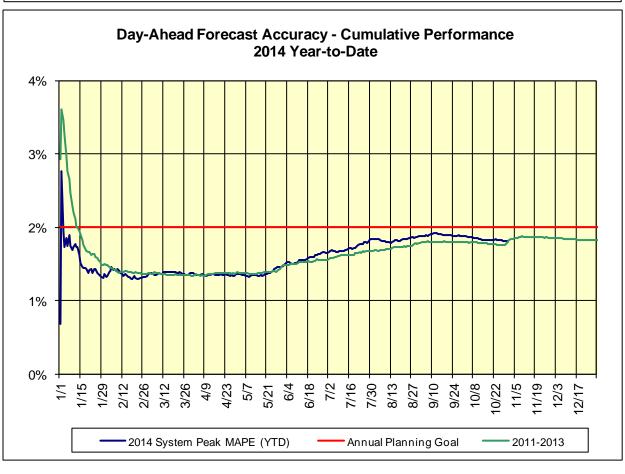
Chart - C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee 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

Market Mitigation and Analysis Prepared: 11/4/2014 1:52 PM









# Summary Description of Regulatory Filings, Investigations, Rulemakings and Related Orders in NYISO Matters – October 2014

Filin o			0	
Filing Date	Filing Summary	Docket	Order Date	Order Summary
08/01/2014	NYISO/NYTO joint compliance filing per Order No. 792 re: revisions to the OATT Small Generator Interconnection Agreement and Procedures	RM13-2-000 ER14-2573-000	10/06/2014	FERC deficiency letter requested additional information to be filed within 15 days (i.e., 10/21/2014) in order process the filing
08/08/2014	NYISO filing re: OATT and MST revisions to eliminate non-firm point-to-point transmission service for external transactions	ER14-2623-000	10/08/2014	FERC order accepted tariff revisions effective 10/09/2014, as requested
10/01/2014	NYISO filing re: post technical conference comments on the trading of natural gas and the proposal to establish an electronic information and trading platform	AD14-19-000		
10/03/2014	NYISO filing re: to incorporate into OATT Attachment L, Table 1A amendments or corrections to ETAs that have become Accepted Revisions since the last Section 205 filing on this topic	ER15-23-000		
10/03/2014	NYISO filing to the PSC re: proposals for Public Policy Transmission Needs that were submitted to the NYISO by stakeholders and other interested parties	Case No. 14-E-0454		
10/07/2014	NYISO refiling re: unexecuted minimum oil burn agreement between TC Ravenswood, LLC and the NYISO to defer Commission action for an additional 60 days	ER14-1822-003		
10/08/2014	NYISO compliance filing re: setting the tariff effective date for the accepted tariff revisions to implement External Coordinated Transaction Scheduling with ISO-NE	ER12-701-002		
10/08/2014	NYISO compliance filing re: setting the tariff effective date for the accepted tariff revisions to implement External Coordinated Transaction Scheduling with PJM	ER14-552-001		
10/08/2014	NYISO compliance filing re: setting the tariff effective date for credit-related tariff revisions necessary to implement External Coordinated Transaction Scheduling	ER14-2552-001		
10/13/2014	NYISO filing to the PSC re: confidential documents comprising the NYISO's three-month <i>Reliability</i> Commitment Data Report for the period ending 09/30/2014	Matter No. 10-02007		

	NYISO filing re: third quarter 2014 Electric Quarterly		
10/14/2014	Report	ER02-2001-000	
	NYISO and PJM joint filing re: notice of effective date for		
	previously accepted Joint Operating Agreement revisions		
	concerning the implementation of Coordinated		
10/16/2014	Transaction Scheduling	ER14-2236-001	
	NYISO compliance filing re: notice to FERC and MPs that		
	Coordinated Transaction Scheduling (CTS) with PJM will		
	be activated on 11/04/2014 and to designate, in MST		
	Section 4.4, all of NYISO's PJM proxy generator buses as		
10/16/2014	CTS enabled	ER14-552-002	
	NYISO filing re: comments to the Department of Energy		
	concerning the draft National Electric Transmission		
10/20/2014	Congestion Study	No docket No.	
	NYISO filing re: request for rehearing of the Order No.		
10/00/0011	676-H compliance deadline for Public Key Infrastructure		
10/20/2014	standards in WEQ-012	RM05-5-024	
	NYISO filing re: answer to a third party protest of the		
	09/15/2014, joint NYISO/NYTO compliance filing		
	concerning the Order No. 1000 regional planning		
10/20/2014	proceeding	ER13-102-006	
	NYISO, TC Ravenswood, Con Edison, City of New York,		
	NYPA, and NYPSC joint filing re: an uncontested offer of		
	settlement regarding the NYS Reliability Council Rule I-R3		
10/20/2014	(Loss of Generator Gas Supply – NYC)	ER14-1822-000	
	NYISO filing re: response to deficiency letter and refiling of		
10/01/00:	Order No. 792 compliance concerning SGIA/SGIP		
10/21/2014	revisions	ER14-2573-001	
	NYISO filing re: motion to intervene and comment		
40/00/004	concerning the FirstEnergy v. PJM complaint proceeding	FI 44 FF 000	
10/22/2014	regarding demand response	EL14-55-000	
	NYISO filing re: answer to a third party protest and		
	comment filed in response to the NYISO's 09/17/2014		
	filing proposing OATT revisions to permit voluntary		
40/00/004 4	sharing of certain non-public operational information with	ED44 0005 000	
10/23/2014	natural gas pipelines and local distribution companies	ER14-2895-000	