

# Market Operations Report

Rana Mukerji

Senior Vice President, Market Structures New York Independent System Operator

Business Issues Committee Meeting

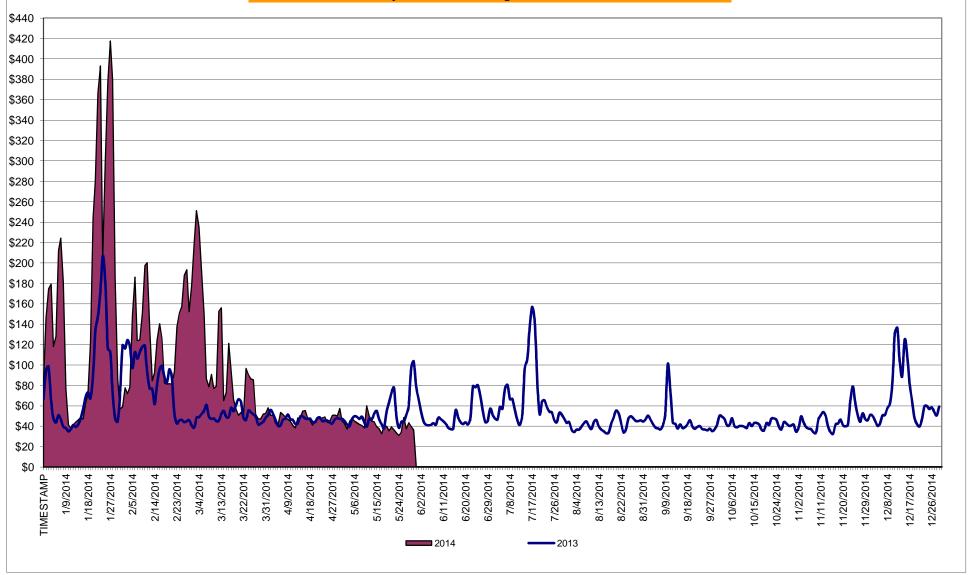
June 18, 2014

# Market Performance Highlights for May 2014

- LBMP for May is \$40.29/MWh; 13% lower than \$46.08/MWh in April 2014 and 23% lower than \$52.21/MWh in May 2013.
  - Day Ahead and Real Time Load Weighted LBMPs are lower compared to April.
- May 2014 average year-to-date monthly cost of \$108.12/MWh is a 65% increase from \$65.46/MWh in May 2013.
- Average daily sendout is 391 GWh/day in May; comparable to 390 GWh/day in April 2014 and lower than 407 GWh/day in May 2013.
- Natural gas and distillate prices were lower compared to the previous month.
  - Natural Gas (Transco Z6 NY) was \$3.46/MMBtu, down 16% from \$4.12/MMBtu in April.
  - Jet Kerosene Gulf Coast was \$21.25/MMBtu, down from \$21.42/MMBtu in April.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$20.98/MMBtu, down from \$21.15/MMBtu in April.
- Uplift per MWh is higher compared to the previous month.
  - Uplift (not including NYISO cost of operations) is \$0.07/MWh; higher than (\$0.09)/MWh in April.
    - The Local Reliability Share is \$0.51/MWh, higher than \$0.15 in April.
    - The Statewide Share is (\$0.44)/MWh, lower than (\$0.24)/MWh in April.
  - TSA \$ per NYC MWh is \$0.0028/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than April.

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

2013 Annual Average \$59.13/MWh May 2013 YTD Average \$65.46/MWh May 2014 YTD Average \$108.12/MWh



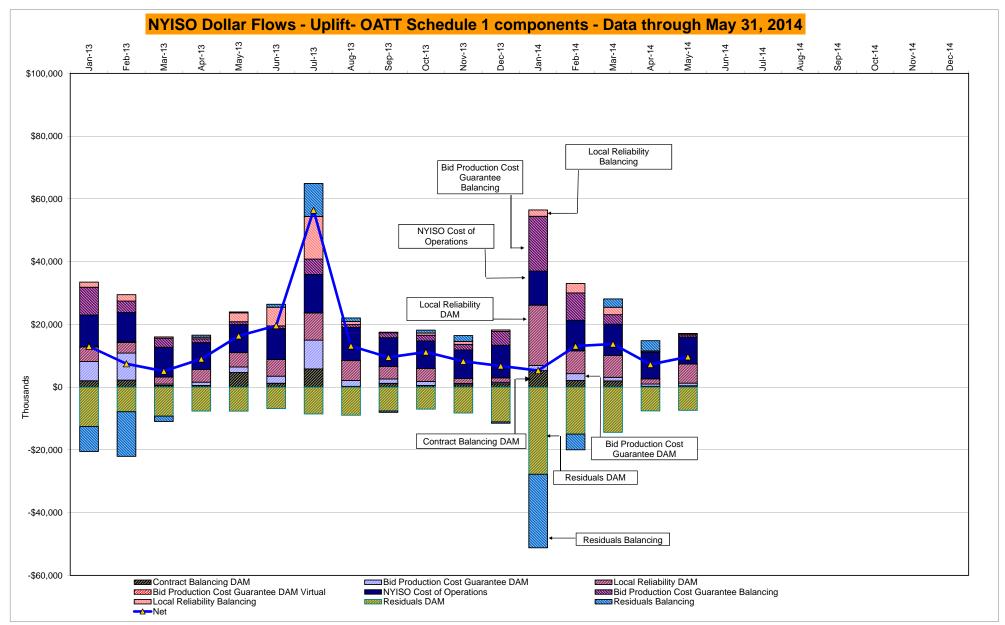
<sup>\*</sup> Excludes ICAP payments.

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

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	January	February	March	April	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP NTAC	183.25	123.16	109.57	46.08 1.18	40.29							
Reserve	0.56 0.78	0.64 0.49	0.39 0.56	0.46	0.69 0.28							
Regulation	0.27	0.21	0.22	0.13	0.12							
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69							
Uplift	(0.36)	0.25	0.26	(0.09)	0.07							
Uplift: Local Reliability Share	1.38	0.73	0.64	0.15	0.51							
Uplift: Statewide Share	(1.73)	(0.49)	(0.38)	(0.24)	(0.44)							
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36							
Avg Monthly Cost	185.55	125.81	112.06	48.82	42.50							
Avg YTD Cost	185.55	157.40	142.40	121.69	108.12							
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	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	0.43	0.11	0.43	0.13	0.11	0.13	0.13	0.42	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	0.03	(0.15)	(0.33)	0.03	0.41	0.49	2.06	0.03	(0.05)	0.03	(0.07)	(0.25)
Uplift: Local Reliability Share	0.44	0.40	0.19	0.37	0.58	0.43	1.27	0.49	0.31	0.18	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	0.23)	0.36	0.36	0.36	0.36	0.36	0.73	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 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	April	May	June	July	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	0.05	0.00	0.38	0.71	0.72	0.77	0.36	0.03	0.37	0.70	0.40	0.26
Regulation	0.10	0.23	0.33	0.32	0.13	0.30	0.30	0.22	0.23	0.29	0.40	0.09
NYISO Cost of Operations	0.64	0.64	0.13	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Uplift	0.44	0.07	0.00	(0.18)	(0.11)	0.61	0.23	0.22	(0.33)	1.04	0.82	(0.11)
Uplift: Local Reliability Share	0.44	0.17	0.19	0.10)	0.11)	0.42	0.49	0.22	0.26	0.67	0.02	0.30
Uplift: Statewide Share		(0.10)				0.42	(0.26)			0.38	0.72	
Voltage Support and Black Start	(0.05) 0.37	0.37	(0.19) 0.37	(0.25) 0.37	(0.36) 0.37	0.19	0.37	(0.61) <b>0.37</b>	(0.59) 0.37	0.37	0.11	(0.41) 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
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.										Data r	eflects true-ups thi	ru Dec 2013.

\* Excludes ICAP payments. Market Mitigation and Analysis Prepared: 6/5/2014 8:26 AM

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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>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Day Ahead Market MWh	16,034,264	14,409,515	14,633,570	12,101,747	12,984,458							
DAM LSE Internal LBMP Energy Sales	52%	50%	53%	56%	53%							
DAM External TC LBMP Energy Sales	5%	7%	6%	3%	2%							
DAM Bilateral - Internal Bilaterals	36%	36%	35%	33%	38%							
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%	6%	5%							
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	1%	2%	2%							
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	0%	1%							
Balancing Energy Market MWh	-240,397	-285,718	-113,985	58,263	-503,552							
Balancing Energy LSE Internal LBMP Energy Sales	-237%	-208%	-298%	-170%	-134%							
Balancing Energy External TC LBMP Energy Sales	109%	80%	99%	191%	22%							
Balancing Energy Bilateral - Internal Bilaterals	21%	28%	70%	26%	3%							
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	13%	0%	3%							
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	11%	6%	26%	63%	5%							
Balancing Energy Bilateral - Wheel Through Bilaterals	-5%	-6%	-11%	-11%	1%							
Transactions Summary												
LBMP	56%	56%	57%	59%	53%							
Internal Bilaterals	37%	37%	36%	33%	39%							
Import Bilaterals	5%	5%	5%	6%	5%							
Export Bilaterals	2%	1%	2%	2%	2%							
Wheels Through	1%	1%	1%	0%	1%							
Market Share of Total Load												
Day Ahead Market	101.5%	102.0%	100.8%	99.5%	104.0%							
Balancing Energy +	-1.5%	-2.0%	-0.8%	0.5%	-4.0%							
Total MWH	15,793,868	14,123,796	14,519,586	12,160,010	12,480,906							
Average Daily Energy Sendout/Month GWh	475	460	440	390	391							
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	12.963.905	13,451,310	14,872,971	17,974,314	16,090,437		13,411,499	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%	6%	3%	3%	1%	1%	1%	0%	0%	0%	3%	6%
DAM Bilateral - Internal Bilaterals	38%	37%	38%	37%	37%	36%	33%	36%	38%	41%	40%	36%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	3%	4%	5%	5%	4%	5%	4%	4%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%	1%
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	1%	1%	1%	1%	1%	1%		40/	1%
Balancing Energy Market MWh	-471.167							1 /0	1 /0	1%	1%	
Balancing Energy LSE Internal LBMP Energy Sales		-648.574	-501.253	-525.278	-501.948					1%_ -694.291	-579.298	-531.521
	-131%	-648,574 -117%	-501,253 -127%	-525,278 -123%	-501,948 -133%	-669,315 -115%	-294,946 -189%	-915,232 -113%	-759,051 -120%			-531,521 -130%
Balancing Energy External TC LBMP Energy Sales	-131%	-117%	,		,	-669,315	-294,946	-915,232	-759,051	-694,291	-579,298	-130%
Balancing Energy External TC LBMP Energy Sales Balancing Energy Bilateral - Internal Bilaterals	, -		-127%	-123%	-133%	-669,315 -115%	-294,946 -189%	-915,232 -113%	-759,051 -120%	-694,291 -122%	-579,298 -134%	,-
Balancing Energy Bilateral - Internal Bilaterals	-131% 33%	-117% 20%	-127% 23%	-123% 21%	-133% 35%	-669,315 -115% 16%	-294,946 -189% 78%	-915,232 -113% 9%	-759,051 -120% 11%	-694,291 -122% 13%	-579,298 -134% 23%	-130% 16%
Balancing Energy Bilateral - Internal Bilaterals Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	-131% 33% 4%	-117% 20% 10%	-127% 23% 11%	-123% 21% 3%	-133% 35% 5%	-669,315 -115% 16% 4%	-294,946 -189% 78% 11%	-915,232 -113% 9% 3%	-759,051 -120% 11% 6%	-694,291 -122% 13% 5%	-579,298 -134% 23% 4%	-130% 16% 13%
Balancing Energy Bilateral - Internal Bilaterals	-131% 33% 4% 0%	-117% 20% 10% 0%	-127% 23% 11% 0%	-123% 21% 3% 0%	-133% 35% 5% 0%	-669,315 -115% 16% 4% 1%	-294,946 -189% 78% 11% 4%	-915,232 -113% 9% 3% 0%	-759,051 -120% 11% 6% 0%	-694,291 -122% 13% 5% 0%	-579,298 -134% 23% 4% 0%	-130% 16% 13% 0%
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Notes: Percent totals may not equal 100% due to rounding.

Virtual Transactions are not reflected in this chart.

<sup>+</sup> Balancing Energy: Load(MW) purchased at Real Time LBMP.

<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.

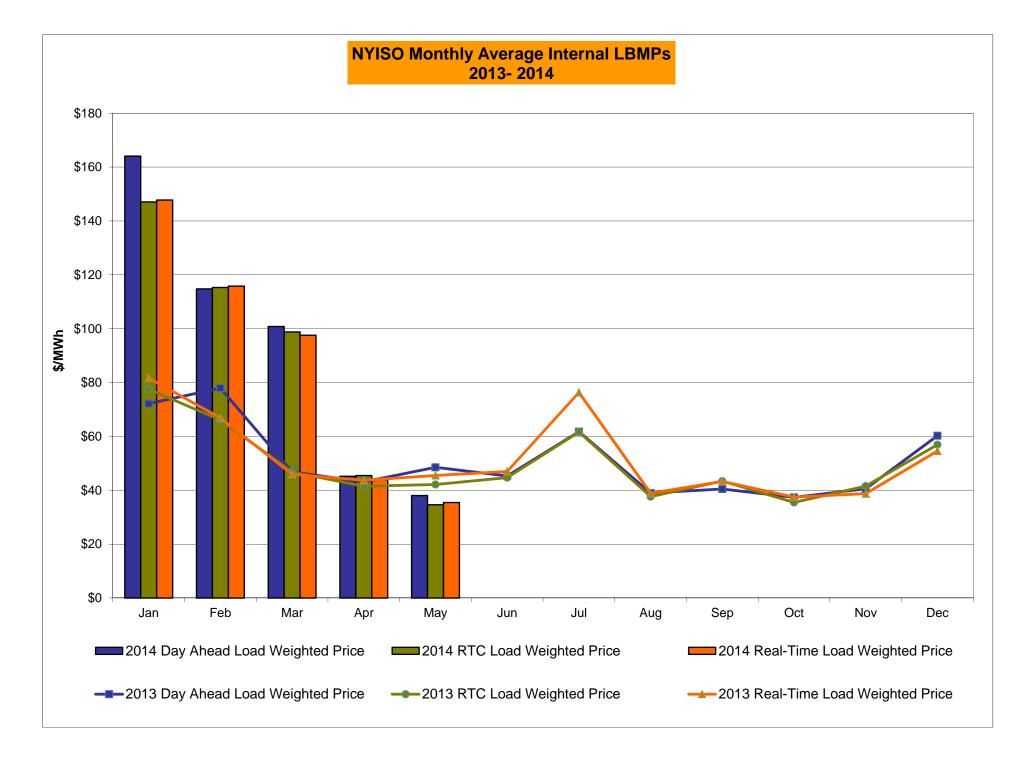
### **NYISO Markets 2014 Energy Statistics**

	January	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August September	October November December
DAY AHEAD LBMP					<del></del>				
Price *	\$155.11	\$110.69	\$97.07	\$44.16	\$36.61				
Standard Deviation	\$121.52	\$50.86	\$59.89	\$8.90	\$10.99				
Load Weighted Price **	\$164.06	\$114.77	\$100.81	\$45.19	\$38.05				
RTC LBMP									
Price *	\$138.41	\$110.71	\$94.71	\$44.00	\$33.16				
Standard Deviation	\$125.42	\$72.22	\$97.72	\$27.44	\$17.51				
Load Weighted Price **	\$147.06	\$115.31	\$98.80	\$45.48	\$34.63				
REAL TIME LBMP									
Price *	\$137.90	\$111.51	\$93.37	\$42.79	\$34.06				
Standard Deviation	\$122.32	\$70.35	\$89.05	\$19.38	\$17.15				
Load Weighted Price **	\$147.77	\$115.80	\$97.58	\$43.97	\$35.46				
Average Daily Energy Sendout/Month GWh	475	460	440	390	391				

### NYISO Markets 2013 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	August S	September	October	November I	December
DAY AHEAD LBMP	-							_	•			
Price *	\$69.17	\$75.82	\$45.97	\$42.21	\$45.87	\$42.66	\$56.90	\$37.19	\$38.32	\$36.15	\$39.18	\$57.72
Standard Deviation	\$47.21	\$29.98	\$9.40	\$7.84	\$18.77	\$17.98	\$37.12	\$11.85	\$15.21	\$9.15	\$13.56	\$28.61
Load Weighted Price **	\$72.17	\$77.95	\$46.85	\$43.13	\$48.52	\$45.32	\$61.77	\$39.00	\$40.47	\$37.37	\$40.58	\$60.27
RTC LBMP												
Price *	\$73.69	\$64.15	\$45.75	\$40.50	\$39.51	\$42.00	\$55.41	\$35.90	\$39.06	\$34.08	\$39.57	\$54.53
Standard Deviation	\$88.27	\$36.96	\$22.62	\$14.79	\$24.44	\$30.96	\$58.54	\$18.35	\$60.70	\$17.38	\$30.77	\$41.66
Load Weighted Price **	\$77.52	\$66.07	\$46.79	\$41.52	\$42.14	\$44.70	\$61.64	\$37.65	\$43.41	\$35.49	\$41.56	\$56.95
REAL TIME LBMP												
Price *	\$76.47	\$64.87	\$45.01	\$42.74	\$42.32	\$43.93	\$65.57	\$37.03	\$39.02	\$36.02	\$37.28	\$52.49
Standard Deviation	\$83.80	\$38.96	\$16.27	\$15.96	\$26.99	\$34.72	\$89.92	\$20.11	\$36.85	\$19.07	\$25.69	\$34.01
Load Weighted Price **	\$81.71	\$66.83	\$45.94	\$43.73	\$45.50	\$47.00	\$76.32	\$38.92	\$43.28	\$37.47	\$38.75	\$54.60
Average Daily Energy Sendout/Month GWh	453	453	429	398	407	469	561	485	438	407	421	450

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

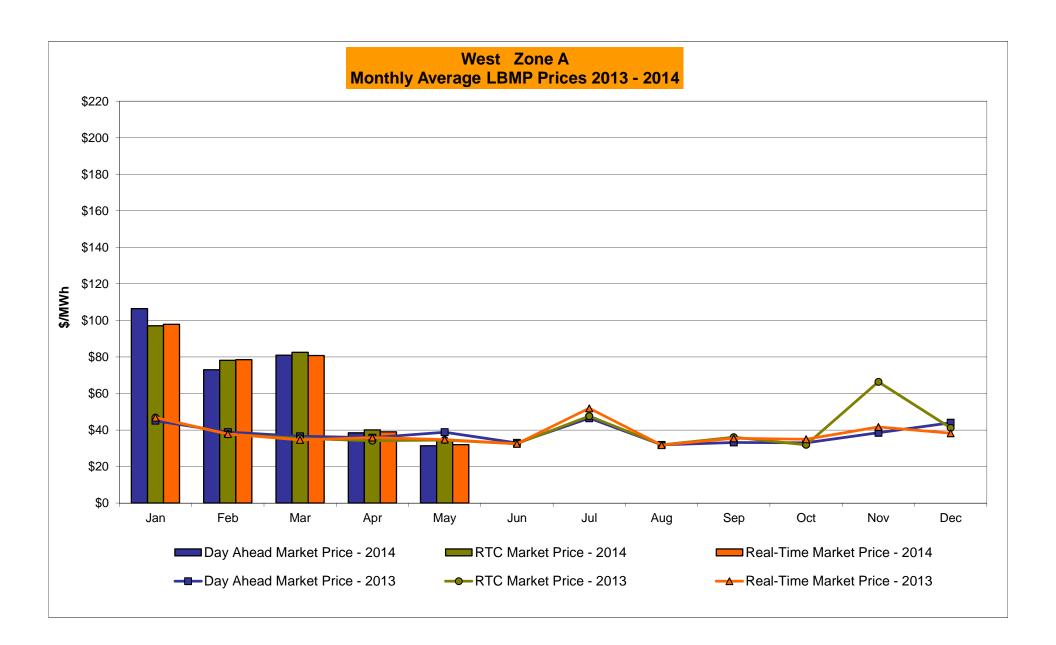


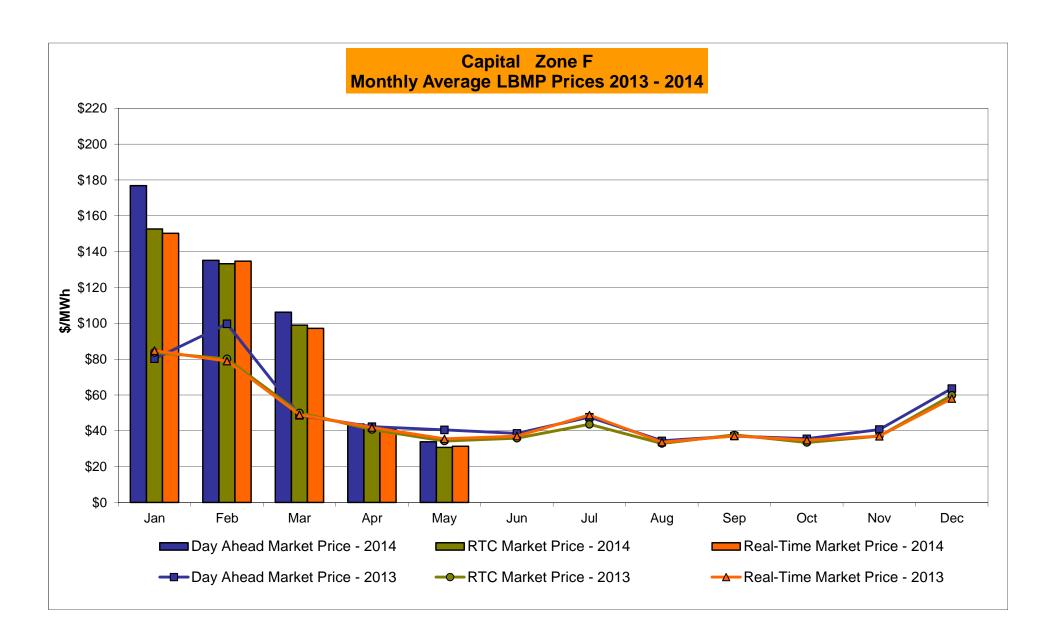
#### May 2014 Zonal LBMP Statistics for NYISO (\$/MWh)

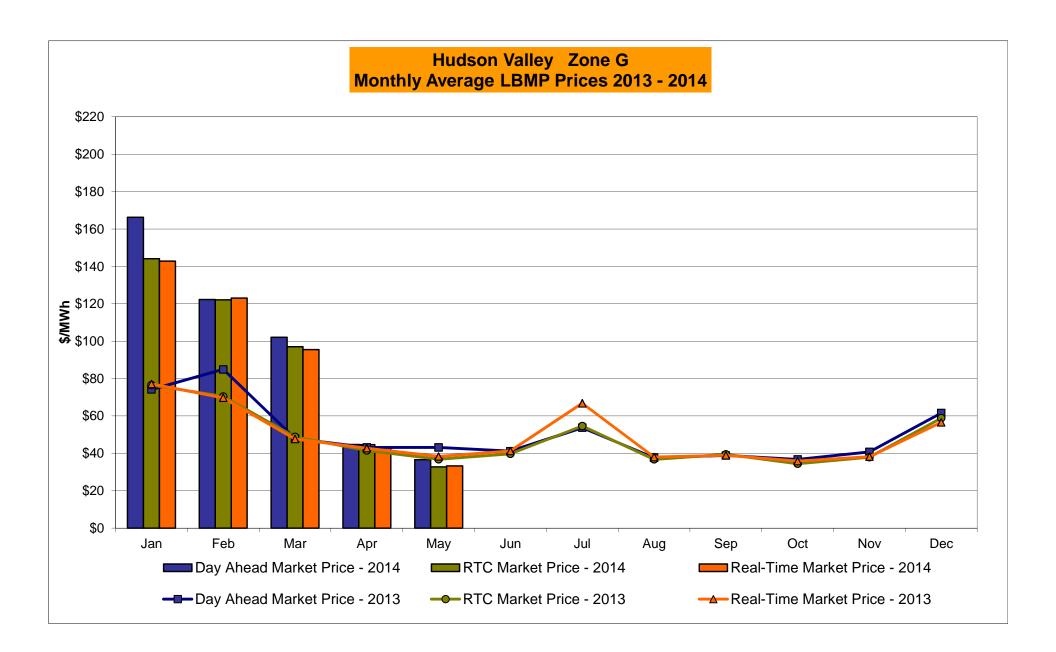
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY	MILLWOOD	DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	Zone I	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	31.35	31.73	29.40	32.23	32.32	33.91	36.57	36.87	36.93	37.31	48.89
Standard Deviation	8.53	8.32	7.40	8.52	8.55	8.69	10.44	10.73	10.77	10.90	26.58
RTC LBMP											
Unweighted Price *	34.20	29.47	26.59	30.48	29.71	30.76	32.79	32.93	32.94	33.33	39.94
Standard Deviation	51.33	15.36	10.98	17.08	15.70	15.58	17.00	17.07	17.07	17.13	29.73
REAL TIME LBMP											
Unweighted Price *	31.98	29.82	27.40	30.72	30.18	31.35	33.29	33.42	33.45	33.87	45.59
Standard Deviation	35.60	13.61	12.13	14.47	13.52	13.32	15.27	15.48	15.50	15.54	56.82
		HYDRO	HYDRO			CROSS					
	ONTARIO	QUEBEC	QUEBEC	D.114	NEW	SOUND	NORTHPORT-	NERTUNE	LINDENVET	IIIDOON	<b>D</b>
	ONTARIO IESO	QUEBEC	_	РЈМ	NEW ENGLAND	SOUND CABLE	NORWALK	NEPTUNE Controllable	LINDEN VFT	HUDSON	Dennison
	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	Controllable	Controllable	Controllable
DAY AHEAD LBMP	-	QUEBEC	QUEBEC	PJM Zone P		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP Unweighted Price *	Zone O 30.01	QUEBEC (Wheel)  Zone M  30.58	QUEBEC (Import/Export)	<b>Zone P</b> 34.38	ENGLAND  Zone N  35.91	SOUND CABLE Controllable Line	NORWALK Controllable	Controllable Line 42.18	Controllable	Controllable	Controllable Line 29.10
	IESO Zone O	QUEBEC (Wheel)	QUEBEC (Import/Export)	Zone P	ENGLAND  Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	Controllable Line
Unweighted Price *	Zone O 30.01	QUEBEC (Wheel)  Zone M  30.58	QUEBEC (Import/Export)  Zone M  30.56	<b>Zone P</b> 34.38	ENGLAND  Zone N  35.91	SOUND CABLE Controllable Line	NORWALK Controllable Line 40.74	Controllable Line 42.18	Controllable Line 37.08	Controllable Line 37.21	Controllable Line 29.10
Unweighted Price * Standard Deviation	Zone O 30.01	QUEBEC (Wheel)  Zone M  30.58	QUEBEC (Import/Export)  Zone M  30.56	<b>Zone P</b> 34.38	ENGLAND  Zone N  35.91	SOUND CABLE Controllable Line	NORWALK Controllable Line 40.74	Controllable Line 42.18	Controllable Line 37.08	Controllable Line 37.21	Controllable Line 29.10
Unweighted Price * Standard Deviation  RTC LBMP	Zone O 30.01 7.62	QUEBEC (Wheel) Zone M 30.58 7.78	QUEBEC (Import/Export)  Zone M  30.56 7.76	<b>Zone P</b> 34.38 9.47	<b>Zone N</b> 35.91 9.28	SOUND CABLE Controllable Line 43.73 18.71	NORWALK Controllable Line 40.74 11.13	Controllable Line 42.18 17.56	Controllable Line 37.08 10.60	Controllable Line 37.21 10.91	Controllable Line 29.10 7.19
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price *	30.01 7.62	QUEBEC (Wheel) Zone M 30.58 7.78	QUEBEC (Import/Export)  Zone M  30.56 7.76	Zone P 34.38 9.47 30.78	Zone N  35.91 9.28	SOUND CABLE Controllable Line 43.73 18.71	NORWALK Controllable Line 40.74 11.13	2.18 42.18 17.56	27.08 37.08 10.60	37.21 10.91	29.10 7.19
Unweighted Price * Standard Deviation  RTC LBMP Unweighted Price * Standard Deviation	30.01 7.62	QUEBEC (Wheel) Zone M 30.58 7.78	QUEBEC (Import/Export)  Zone M  30.56 7.76	Zone P 34.38 9.47 30.78	Zone N  35.91 9.28	SOUND CABLE Controllable Line 43.73 18.71	NORWALK Controllable Line 40.74 11.13	2.18 42.18 17.56	27.08 37.08 10.60	37.21 10.91	29.10 7.19

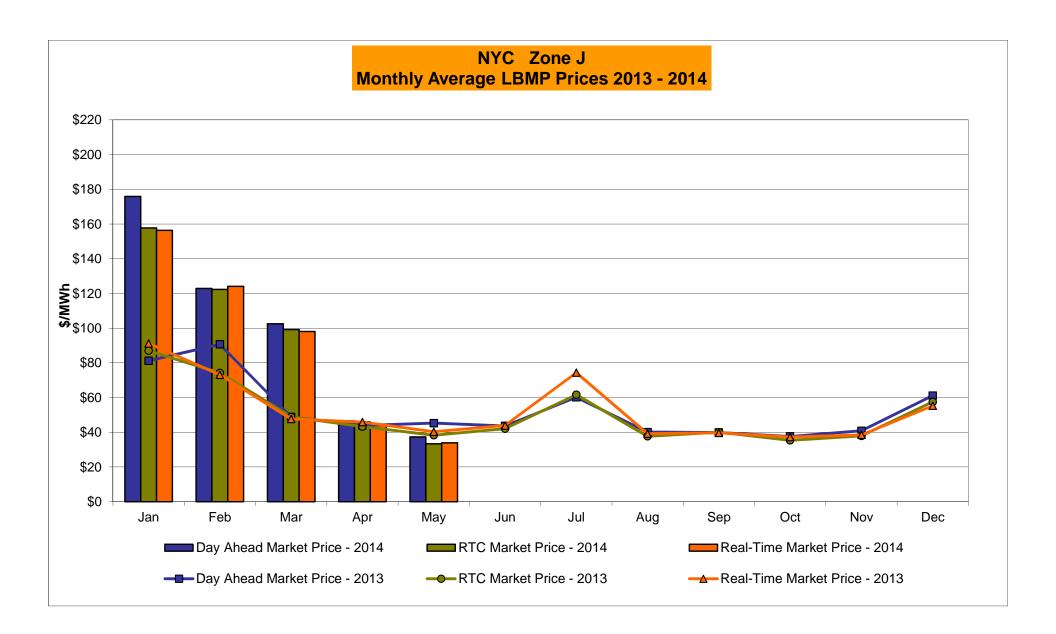
Market Mitigation and Analysis Prepared: 6/9/2014 9:34 AM

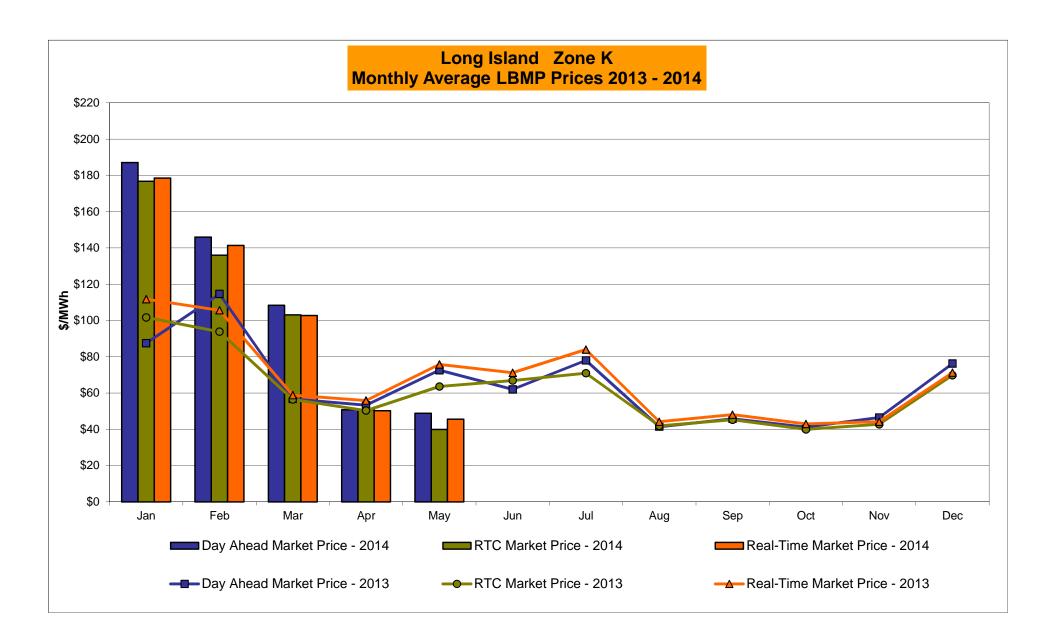
<sup>\*</sup> Straight LBMP averages

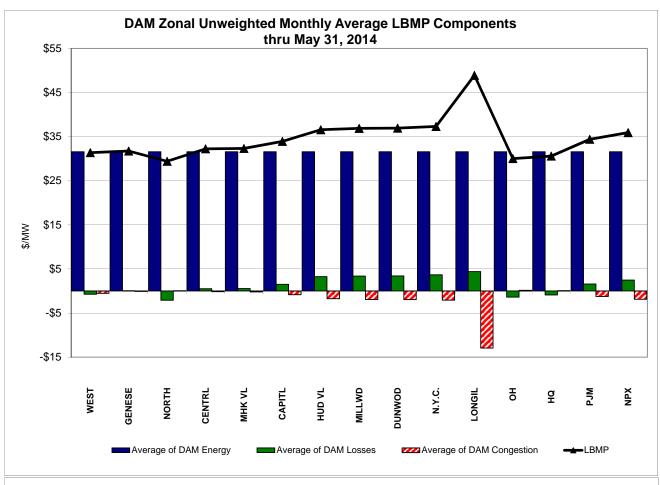


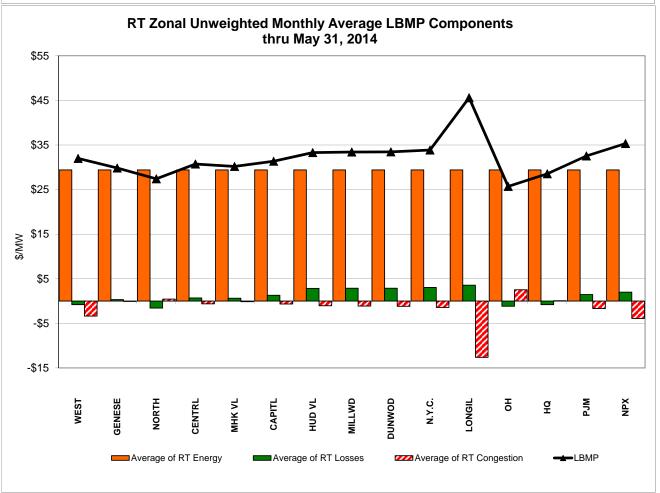




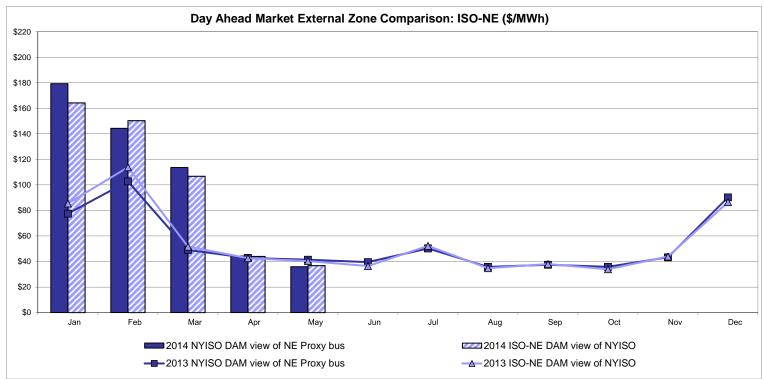


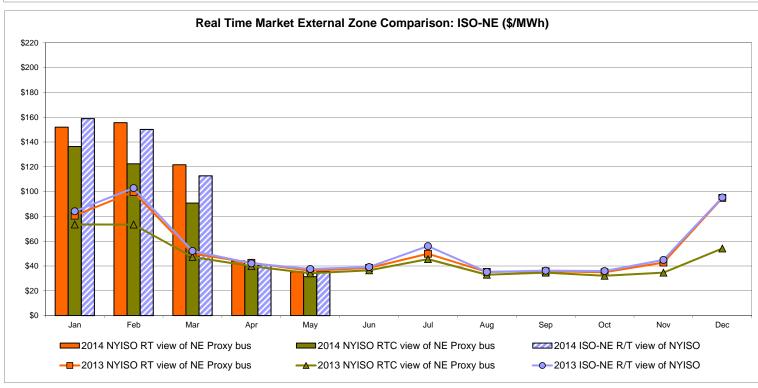




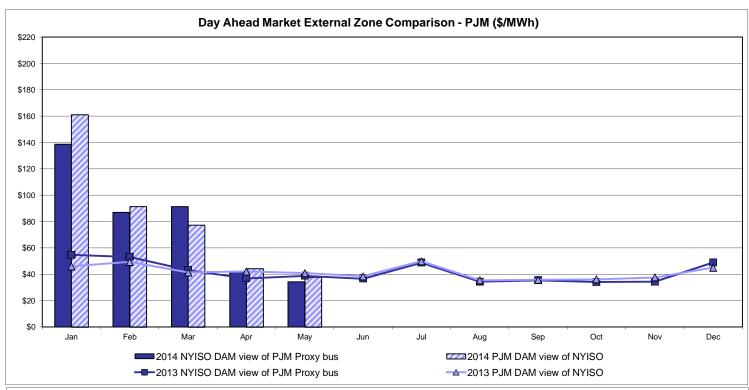


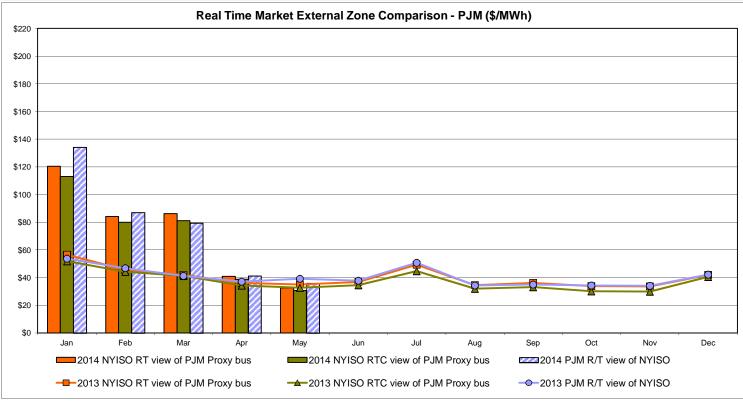
## **External Comparison ISO-New England**



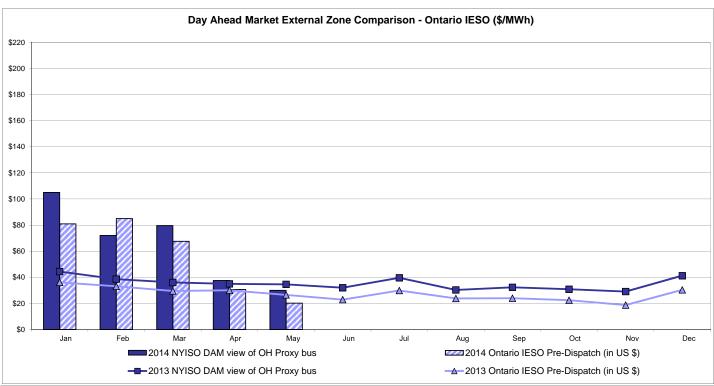


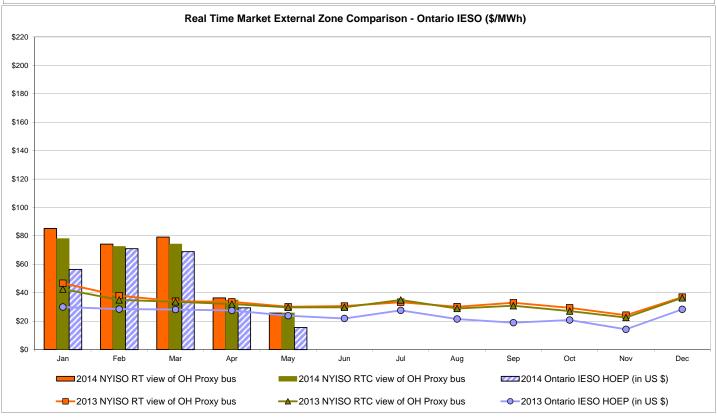
# **External Comparison PJM**





### **External Comparison Ontario IESO**

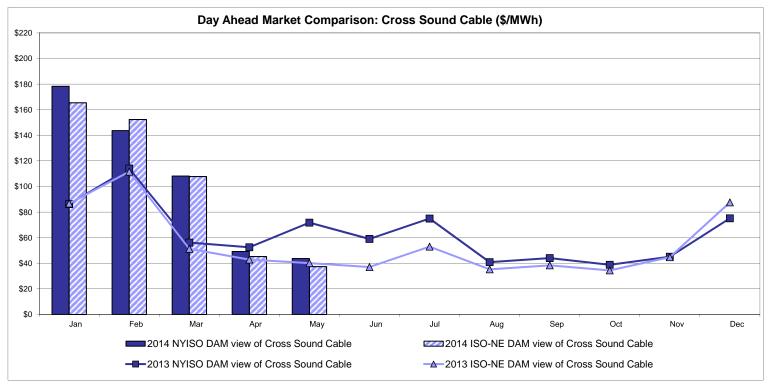


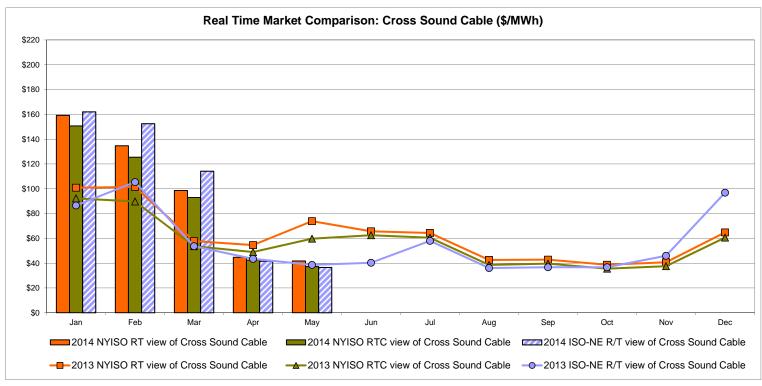


Notes: Exchange factor used for May 2014 was 0.9180 to US \$

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

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





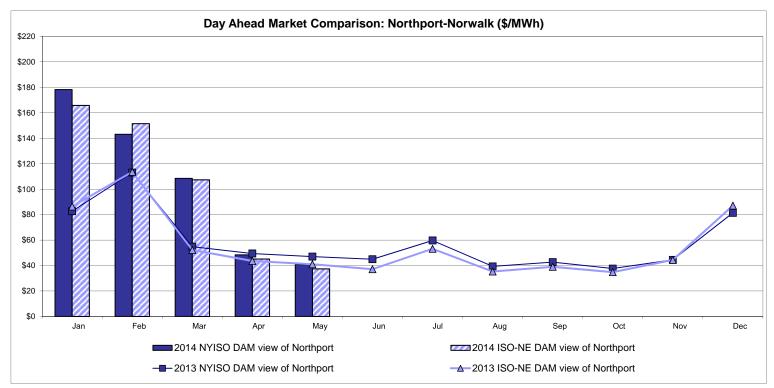
#### Note:

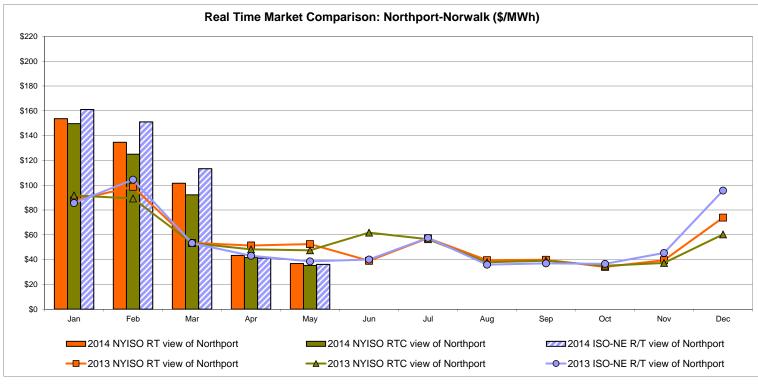
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)**





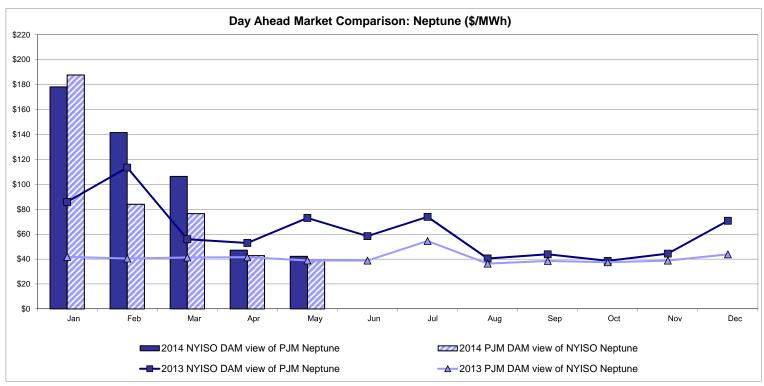
#### Note:

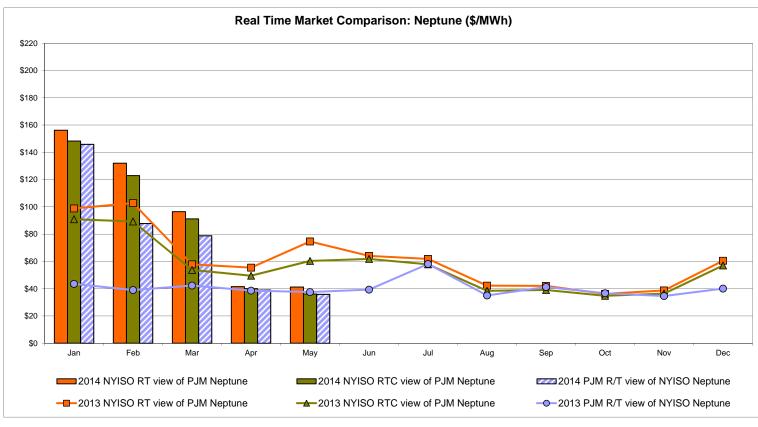
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

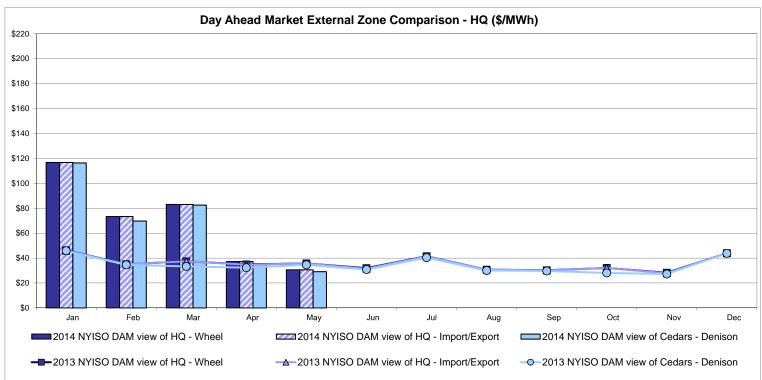
The DAM and R/T prices at the 1385 interface are used for NYISO.

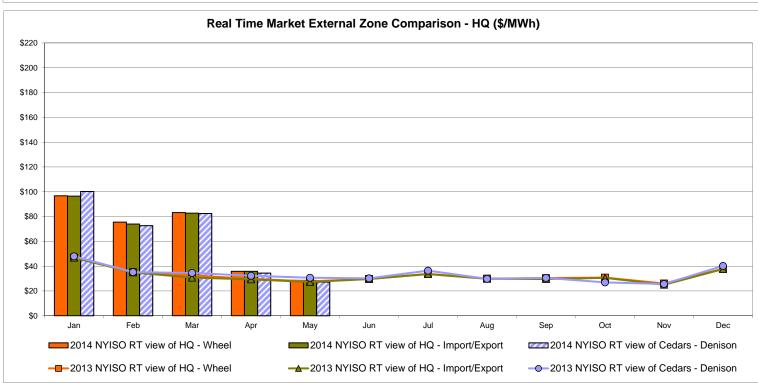
# **External Controllable Line: Neptune (PJM)**





## **External Comparison Hydro-Quebec**

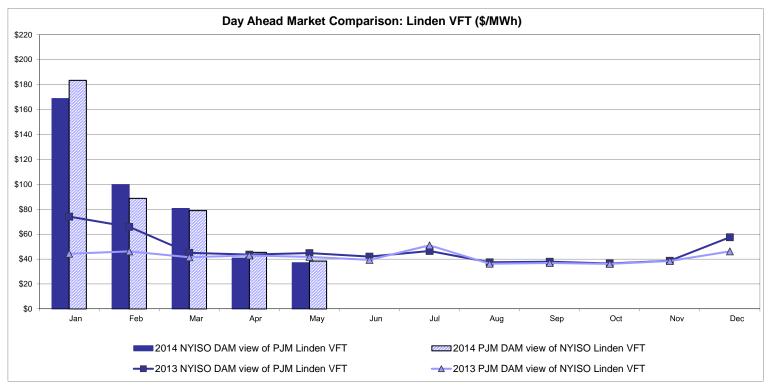


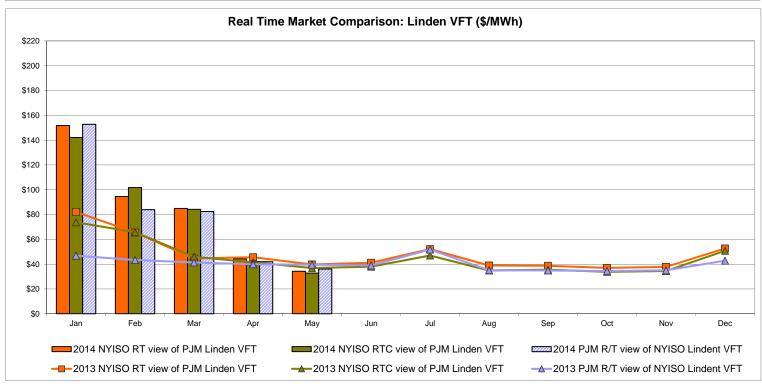


Note:

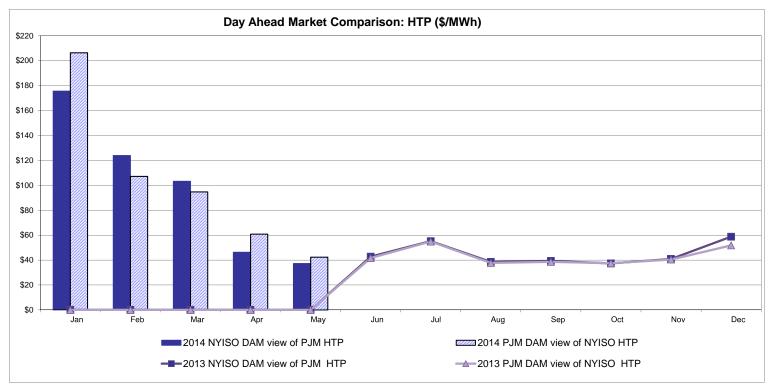
Hydro-Quebec Prices are unavailable.

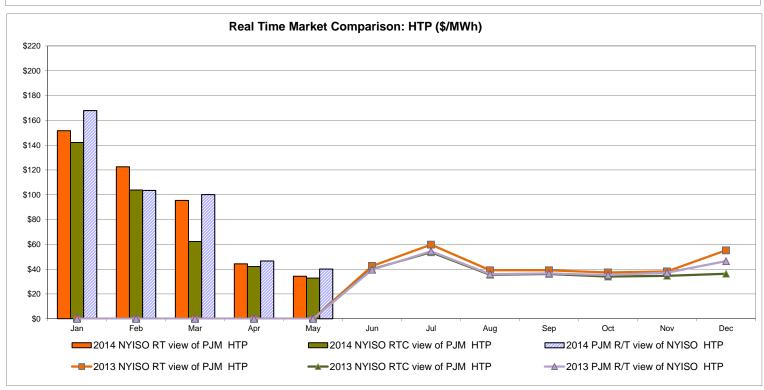
# **External Controllable Line: Linden VFT (PJM)**





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



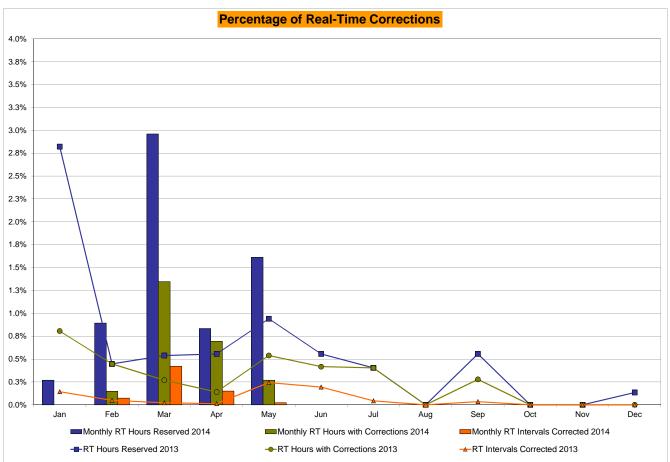


### **NYISO Real Time Price Correction Statistics**

<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	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	0	1	10	5	2							
Number of hours	in the month	744	672	743	720	744							
% of hours with corrections	in the month	0.00%	0.15%	1.35%	0.69%	0.27%							
% of hours with corrections	year-to-date	0.00%	0.07%	0.51%	0.56%	0.50%							
Interval Corrections													
Number of intervals corrected	in the month	0	6	38	13	2							
Number of intervals	in the month	9,232	8,205	9,023	8,720	9,030							
% of intervals corrected	in the month	0.00%	0.07%	0.42%	0.15%	0.02%							
% of intervals corrected	year-to-date	0.00%	0.03%	0.17%	0.16%	0.13%							
Hours Reserved													
Number of hours reserved	in the month	2	6	22	6	12							
Number of hours	in the month	744	672	743	720	744							
% of hours reserved	in the month	0.27%	0.89%	2.96%	0.83%	1.61%							
% of hours reserved		0.27%	0.56%	1.39%	4.050/	1.32%							
Days to Correction *	year-to-date	0.27%	0.56%	1.39%	1.25%	1.32%							
	in the month	0.00	3.00	1.00	1.00	0.00							
Avg. number of days to correction Avg. number of days to correction	year-to-date	0.00 0.00	3.00	1.50	1.33	1.00							
Days Without Corrections	year-to-date	0.00	3.00	1.50	1.33	1.00							
Days without corrections  Days without corrections	in the month	31	27	28	28	29							
		31	2 <i>1</i> 58	28 86	∠8 114	29 143							
Days without corrections	year-to-date	31	50	00	114	143							
2013		January	February	March	April	Mav	June	July	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>	<u>September</u>	<u>October</u>	November	<u>December</u>
Hour Corrections	in the month		<u>-</u>		<u>April</u> 1	<del></del>		<del></del>			· ·		
Hour Corrections  Number of hours with corrections	in the month	6	3	2	1	4	3	3	0	2	0	0	0
Hour Corrections	in the month	6 744	3 672	2 743	1 720	<del></del>	3 720	3 744		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	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 % 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	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	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%	0 721 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	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%	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	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	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%	0 721 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 % 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% 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	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	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	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% 3 744	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	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	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% 3 744	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	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%	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% 1.11%	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% 0.99%	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% 0.76%	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	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% 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% 2.00	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%	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 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	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 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	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% 2.00	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%	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 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% 2.00	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%	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%

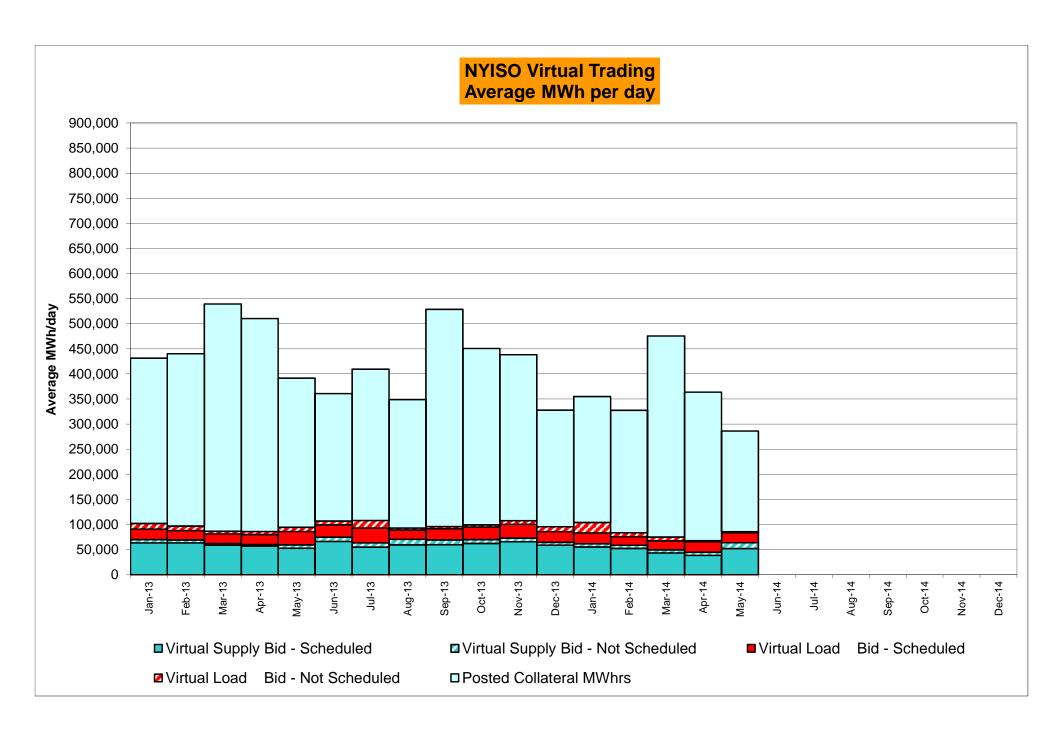
<sup>\*</sup> Calendar days from reservation date.

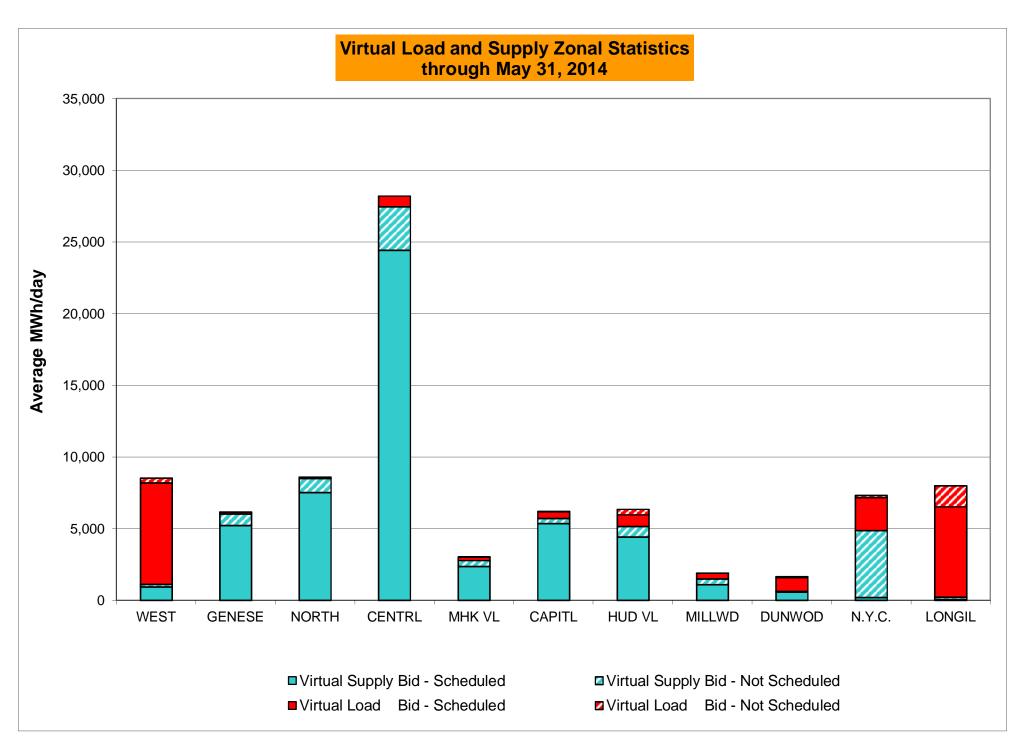
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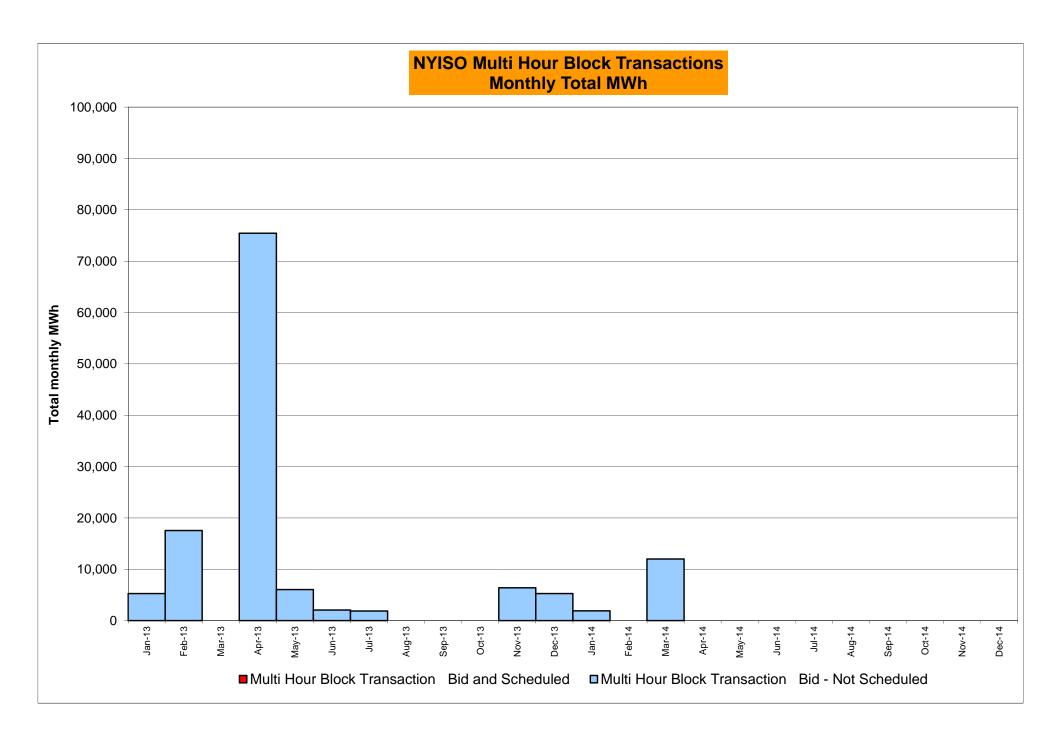


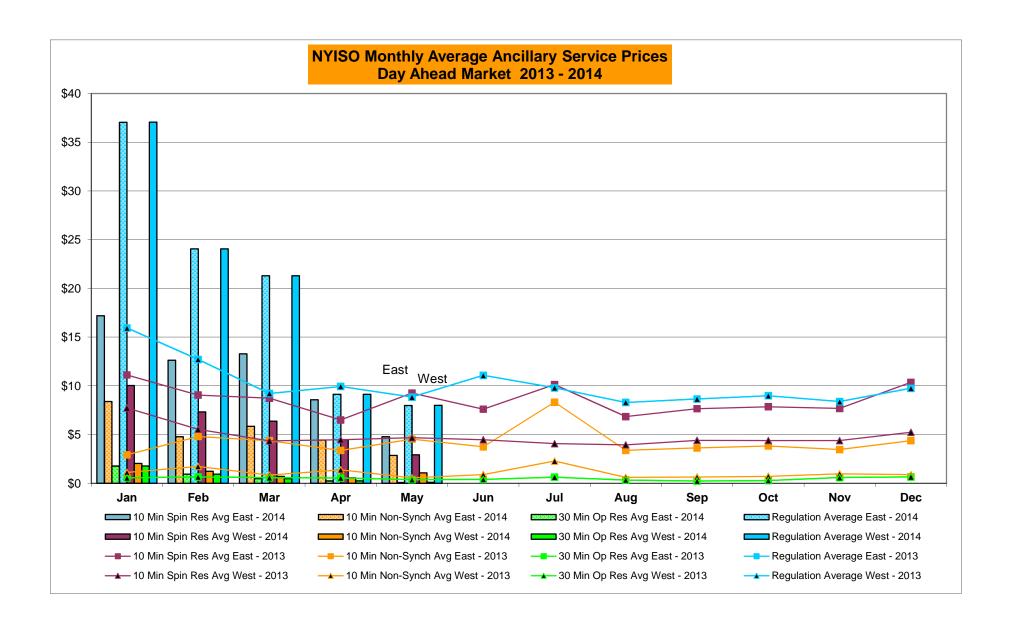
<sup>\*</sup> Calendar days from reservation date.

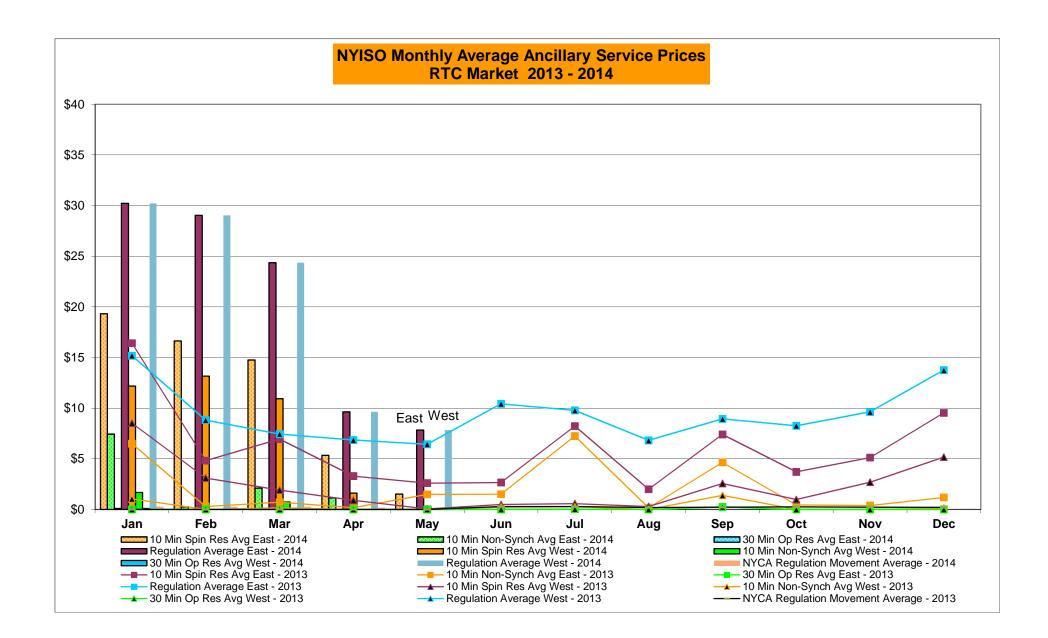


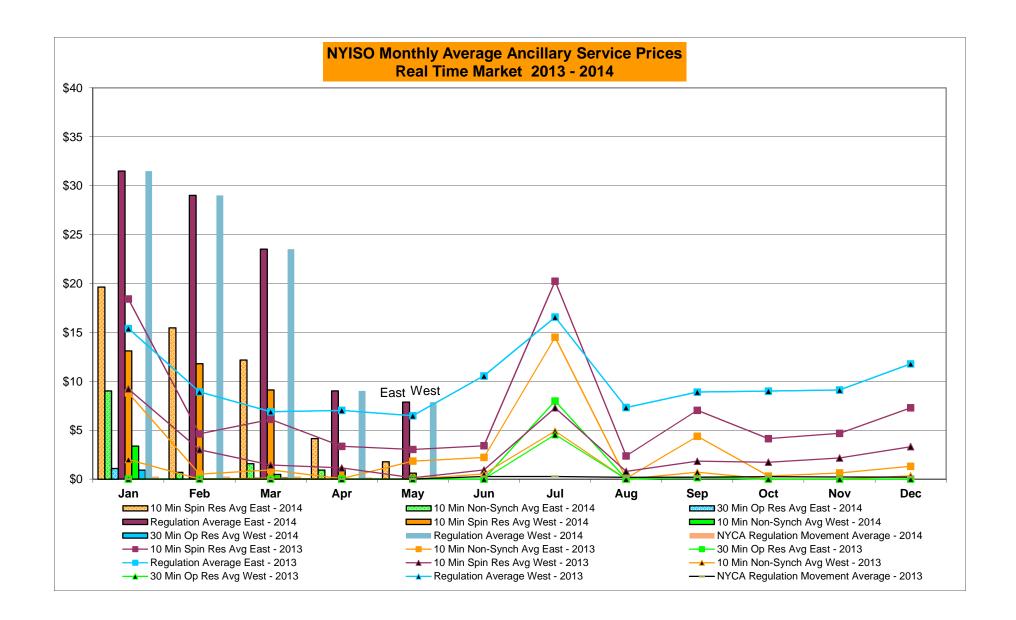


					Virtual L	oad and	Supp	ly Zonal	Statistic	s (Avera	ge MWh/da	y) - 2014	4				
		Virtual L	oad Bid	Virtual S	upply Bid			Virtual L	oad Bid	Virtual Su	pply Bid			Virtual I	_oad Bid	Virtual Su	ıpply Bid
			Not		Not				Not		Not				Not		Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled
WEST	Jan-14		5,063	2,777	155	MHK VL	Jan-14	429	587	1,316	260	DUNWOD				2,182	268
	Feb-14		805		422		Feb-14	340	204		90		Feb-14	577			
	Mar-14	,	601		159		Mar-14	415	527	826	106		Mar-14	481	473		146
	Apr-14		451		130		Apr-14	242	44		136		Apr-14	211			87
	May-14		353	952	158		May-14	231	7	2,372	412		May-14	930	75	580	67
	Jun-14						Jun-14					_	Jun-14				
	Jul-14						Jul-14						Jul-14				
	Aug-14						Aug-14						Aug-14				
	Sep-14						Sep-14						Sep-14				
	Oct-14						Oct-14						Oct-14				
	Nov-14						Nov-14					_	Nov-14				
	Dec-14						Dec-14						Dec-14				
GENESE	Jan-14	434	279	5,230	425	CAPITL	Jan-14	1,439	1,278	3,985	379	N.Y.C.	Jan-14	2,627	3,843	666	1,083
GENESE	Feb-14		107		487	CAFIIL	Feb-14	1,116	871	4,100	127	N. 1.C.	Feb-14	2,470			625
	Mar-14		176		88		Mar-14	1,110	939	4,623	129	-	Mar-14	3,075			1,172
	Apr-14		170		173		Apr-14	780	107	4,476	133	-	Apr-14	3,335		152	
	May-14		18		798		May-14	479	17	5,367	337		May-14	2,276			
	Jun-14		10	3,223	7 90		Jun-14	413	17	3,307	337		Jun-14	2,210	103	203	4,073
	Jul-14						Jul-14						Jul-14				
	Aug-14						Aug-14						Aug-14				
	Sep-14						Sep-14						Sep-14				
	Oct-14						Oct-14					=	Oct-14				
	Nov-14						Nov-14					_	Nov-14				
	Dec-14						Dec-14						Dec-14				
	200						200						200				
NORTH	Jan-14	47	168	6,579	1,592	HUD VL	Jan-14	1,612	1,554	4,091	466	LONGIL	Jan-14	7,605	6,704	59	375
	Feb-14	110	4	5,732	1,308		Feb-14	634	1,325	3,963	792		Feb-14	5,365	2,494	145	
	Mar-14	121	10	6,390	895		Mar-14	552	1,130	3,644	1,081		Mar-14	5,083			
	Apr-14	67	4	8,216	1,007		Apr-14	413	725	4,889	918		Apr-14	7,434		102	18
	May-14	89	1	7,535	955		May-14	817	358	4,407	760		May-14	6,303	1,452	83	151
	Jun-14						Jun-14						Jun-14				
	Jul-14						Jul-14						Jul-14				
	Aug-14						Aug-14						Aug-14				
	Sep-14						Sep-14						Sep-14				
	Oct-14						Oct-14					_	Oct-14				
	Nov-14						Nov-14						Nov-14				
	Dec-14						Dec-14						Dec-14				
CENTS	la = 4.4	075	222	07.750	00.4	MULLANS	la mara da	005	404	0.40	470	NVICO	lon 4.4	04.070	00.000	55.404	0.000
CENTRL	Jan-14	675				MILLWD	Jan-14	235	401	848	470	NYISO	Jan-14	21,670			6,098
	Feb-14	419 466					Feb-14 Mar-14	324 278	183 293	1,015 872	357 262		Feb-14		7,888		6,097 6,082
	Mar-14				1,822								Mar-14	17,855		43,485	
	Apr-14		13		430	_	Apr-14	119 395	54 32	878	255 392	+	Apr-14	20,848			6,187
	May-14 Jun-14		0	24,434	3,035	_	May-14 Jun-14	395	32	1,104	392	$\dashv$	May-14 Jun-14	19,467	2,478	52,261	11,742
	Jun-14 Jul-14					_	Jun-14 Jul-14					$\dashv$	Jun-14 Jul-14		-		
						_						$\dashv$	Jul-14 Aug-14		1		
	Aug-14 Sep-14					_	Aug-14 Sep-14					$\dashv$	Sep-14		1		
	Oct-14					_	Oct-14					$\dashv$	Oct-14		1		
	Nov-14					_	Nov-14					+	Nov-14		1		
	Dec-14						Dec-14					_	Dec-14				
L	Dec-14			l			De0-14						Dec-14		1	l	1





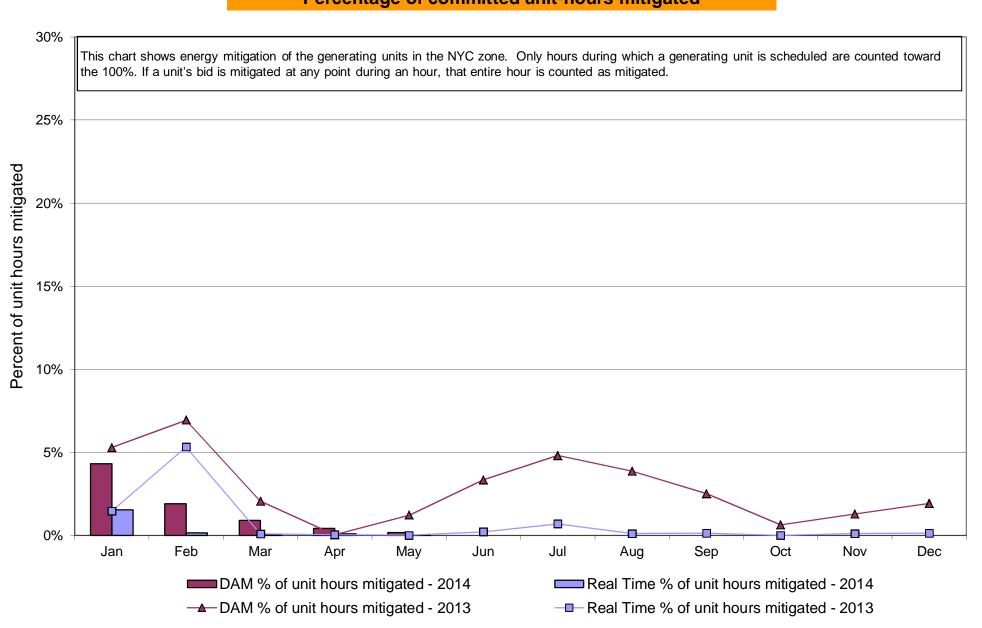


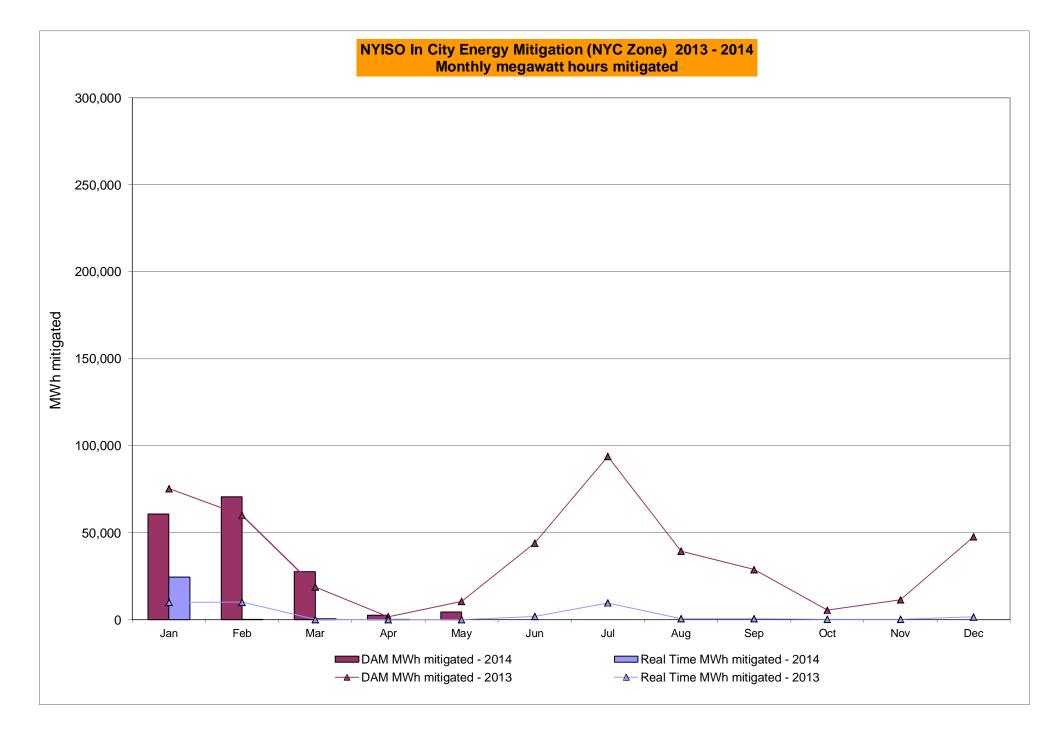


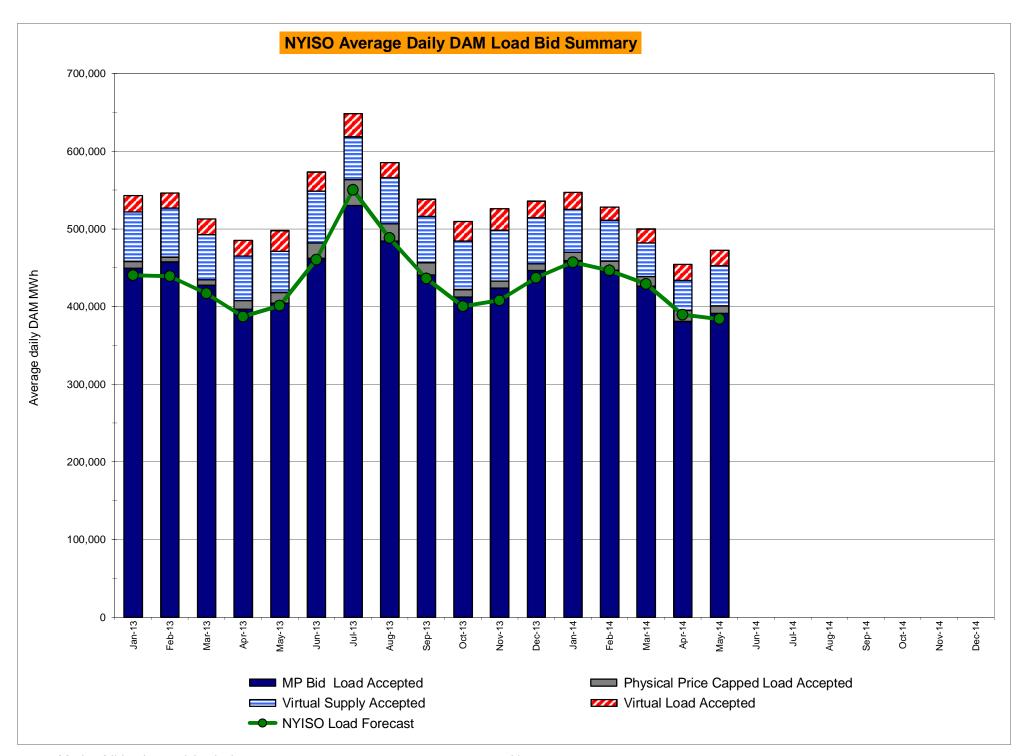
#### NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

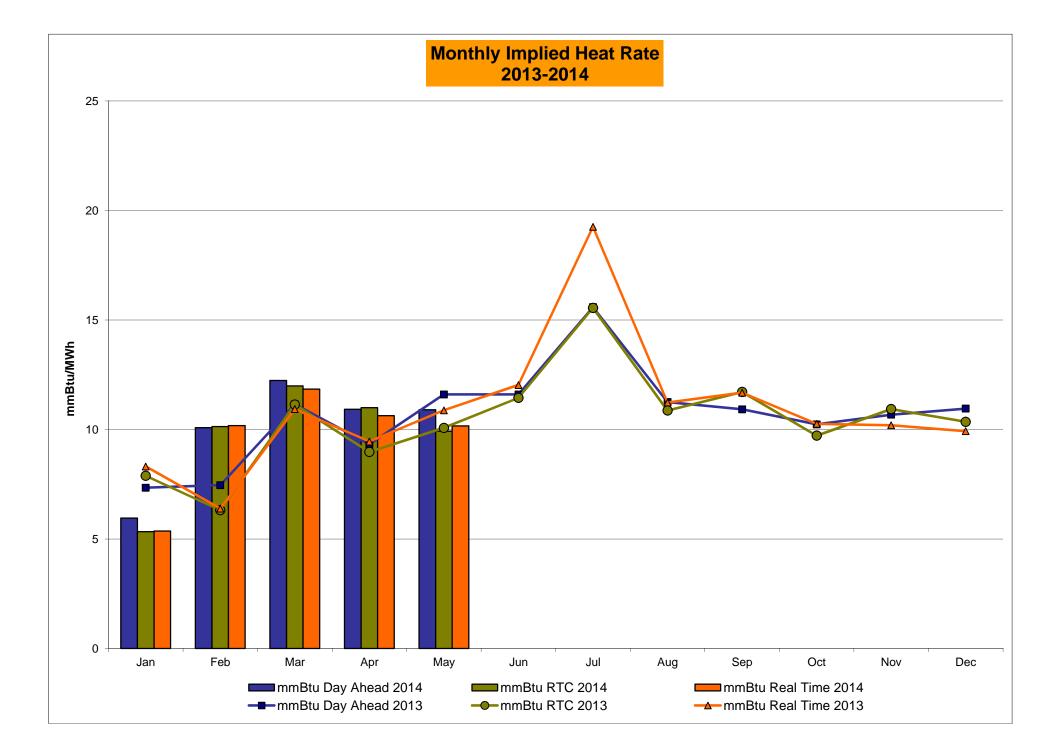
The Market Market	2014	innum.	Fahruani	Morek	Amail	Mess	luna	lulu.	A	Contombos	Ostahar	Nevenher	Dagambar
To Min Spin Pearl	2014 Day Ahead Market	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	December
10 Mis Sign West		17 19	12 62	13 27	8 57	4 77							
10 Mes Non-Synch Mares   2,00	·												
10 Min Nos Synch West 1,77 0,38 0,70 0,25 0,106 0,27 0,26 0,106 0,27 0,27 0,38 0,77 0,38 0,38 0,38 0,38 0,38 0,38 0,38 0,38	•												
So Man Normal	•												
Solit Nyeal   1,77	•												
Regulation View													
Regulation West													
No.   No.	•												
Milo Spin East   19.32	•												
10 Miss Nos Novel test		10.22	16.64	14.76	5.24	1.50							
10 Min Non Synch Peats	·												
10 Min Nors Synch West	•												
30 Min East													
Segulation Nest	•												
Regulation East   30.21   29.00   24.35   9.64   7.63													
Regulation West													
Real Time Mixer   Real Time	•												
Page	•												
Min Spin East   19.64   15.48   12.19   4.15   1.78   1.78   1.0 Min Spin West   13.10   11.80   9.11   0.94   0.61   10.00   0.00   10.00   10.00   0.00   10.00	· ·												
10 Min Spin West   13.10   11.80   9.11   0.94   0.61	· · · · · · · · · · · · · · · · · · ·	40.04	45.40	10.10	4.45	4.70							
10 Min Non Synch Beast   9.03   0.70   0.159   0.93   0.00   0.	·												
10 Min Non Synch West   3.37   0.00   0.48   0.00	·												
Some	•												
Solition   Solition	•												
Regulation East   31.50   29.02   23.52   9.02   7.87   Regulation West   31.50   29.02   23.52   9.02   7.87													
Regulation West         31.50         20.20         2.3.52         9.0.2         7.87           2013         January         February         March         April         May         June         July         August         Septembr         Cutober         November         Pecember           2013         January         February         March         April         March         July         July         August         Septembr         Cutober         November         Pecember           2014         10 Min Spin Mest         11.12         9.05         8.73         6.44         4.66         4.66         4.04         4.33         4.37         5.23           10 Min Spin Mest         1.11         1.73         0.34         4.46         4.67         4.46         4.60         3.94         4.40         4.38         4.37           10 Min Non Synch East         2.211         4.79         4.36         3.36         4.52         3.73         8.13         3.37         3.60         3.36         4.37           10 Min Non Synch East         0.56         0.56         0.56         0.56         0.53         0.36         0.40         0.62         0.33         0.23         0.28         0.59													
NYCA Regulation Movement   Q27   Q27   Q27   Q17   Q15   Q15   Q16   Q	•												
Page	•												
Day Ahead Market   10 Min Spin East   11.12   9.05   8.73   6.49   9.25   7.59   10.13   6.84   7.65   7.85   7.68   10.35   10 Min Spin West   7.72   5.53   4.34   4.46   4.67   4.46   4.06   3.94   4.40   4.38   4.37   5.23   10 Min Non Synch East   2.91   4.79   4.36   3.36   4.52   3.73   8.31   3.37   3.62   3.82   3.45   4.37   10 Min Non Synch West   1.11   1.73   0.84   1.38   0.55   0.88   2.27   0.60   0.63   0.70   0.96   0.87   30 Min East   0.56   0.65   0.56   0.55   0.56   0.53   0.36   0.40   0.62   0.33   0.23   0.28   0.59   0.65   Regulation East   15.94   12.70   9.21   9.93   8.84   11.07   9.80   8.29   8.65   8.98   8.38   9.74   Regulation West   15.94   12.70   9.21   9.93   8.84   11.07   9.80   8.29   8.65   8.98   8.38   9.74   Regulation West   15.94   12.70   9.21   9.93   8.84   11.07   9.80   8.29   8.65   0.97   2.68   5.16   10 Min Spin East   16.42   4.81   6.94   3.28   2.59   2.65   8.23   1.99   7.40   3.70   5.11   9.53   10 Min Spin West   6.48   0.28   0.70   0.18   1.48   1.50   7.23   0.16   4.63   0.44   0.38   1.17   10 Min Non Synch West   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.02   0.00	· ·						luno	linke	August	Contombor	Octobor	November	Docombor
10 Min Spin East		<u>January</u>	rebluary	<u>iviai cri</u>	Aprii	iviay	June	July	August	September	October	November	December
10 Min Spin West		11 12	9.05	8 73	6.49	9.25	7 50	10 13	6.84	7.65	7.85	7.68	10.35
10 Min Non Synch East   2.91   4.79   4.36   3.36   4.52   3.73   8.31   3.37   3.62   3.82   3.45   4.37     10 Min Non Synch West   1.11   1.73   0.84   1.38   0.55   0.88   2.27   0.60   0.63   0.70   0.96   0.87     30 Min East   0.56   0.56   0.56   0.56   0.53   0.36   0.40   0.62   0.33   0.23   0.28   0.59   0.65     30 Min West   0.56   0.56   0.55   0.56   0.53   0.36   0.40   0.62   0.33   0.23   0.28   0.59   0.65     30 Min West   15.94   12.70   9.21   9.93   8.84   11.07   9.80   8.29   8.65   8.98   8.38   9.74     Regulation West   15.94   12.70   9.21   9.93   8.84   11.07   9.80   8.29   8.65   8.98   8.38   9.74     RTC Market   10 Min Spin East   16.42   4.81   6.94   3.28   2.59   2.65   8.23   1.99   7.40   3.70   5.11   9.53     10 Min Non Synch East   6.48   0.28   0.70   0.18   1.48   1.50   7.23   0.16   4.63   0.44   0.38   1.17     10 Min Non Synch West   1.04   0.00   0.15   0.00   0.00   0.00   0.02   0.26   0.00   1.39   0.00   0.00   0.03     30 Min East   0.00	•												
10 Min Non Synch West   1.11   1.73   0.84   1.38   0.55   0.88   2.27   0.60   0.63   0.70   0.96   0.87   30 Min East   0.56   0.65   0.56   0.53   0.36   0.40   0.62   0.33   0.23   0.28   0.59   0.65   0.65   0.65   0.65   0.56   0.53   0.36   0.40   0.62   0.33   0.23   0.28   0.59   0.65   0.65   0.65   0.65   0.65   0.53   0.36   0.40   0.62   0.33   0.23   0.28   0.59   0.65	·												
30 Min East	•												
30 Min West	•												
Regulation West         15.94         12.70         9.21         9.93         8.84         11.07         9.80         8.29         8.65         8.98         8.38         9.74           RTC Market           10 Min Spin East         16.42         4.81         6.94         3.28         2.59         2.65         8.23         1.99         7.40         3.70         5.11         9.53           10 Min Spin West         8.50         3.10         1.90         0.90         0.05         0.48         0.57         0.29         2.56         0.97         2.68         5.16           10 Min Non Synch East         6.48         0.28         0.70         0.18         1.48         1.50         7.23         0.16         4.63         0.44         0.38         1.17           10 Min Non Synch West         1.04         0.00	30 Min West			0.56				0.62					
RTC Market  10 Min Spin East 16.42 4.81 6.94 3.28 2.59 2.65 8.23 1.99 7.40 3.70 5.11 9.53 10 Min Spin West 8.50 3.10 1.90 0.90 0.05 0.48 0.57 0.29 2.56 0.97 2.68 5.16 10 Min Non Synch East 6.48 0.28 0.70 0.18 1.48 1.50 7.23 0.16 4.63 0.44 0.38 1.17 10 Min Non Synch West 0.00 0.00 0.015 0.00 0.00 0.00 0.00 0.0	Regulation East	15.94	12.70	9.21	9.93	8.84	11.07	9.80	8.29	8.65	8.98	8.38	9.74
10 Min Spin East 16.42 4.81 6.94 3.28 2.59 2.65 8.23 1.99 7.40 3.70 5.11 9.53 10 Min Spin West 8.50 3.10 1.90 0.90 0.05 0.48 0.57 0.29 2.56 0.97 2.68 5.16 10 Min Non Synch East 6.48 0.28 0.70 0.18 1.48 1.50 7.23 0.16 4.63 0.44 0.38 1.17 10 Min Non Synch West 1.04 0.00 0.15 0.00 0.00 0.00 0.00 0.02 0.26 0.00 1.39 0.00 0.00 0.03 0.00 0.24 0.00 0.00 0.03 0.00 0.24 0.00 0.00 0.00 0.00 0.00 0.00	Regulation West	15.94	12.70	9.21	9.93	8.84	11.07	9.80	8.29	8.65	8.98	8.38	9.74
10 Min Spin East 16.42 4.81 6.94 3.28 2.59 2.65 8.23 1.99 7.40 3.70 5.11 9.53 10 Min Spin West 8.50 3.10 1.90 0.90 0.05 0.48 0.57 0.29 2.56 0.97 2.68 5.16 10 Min Non Synch East 6.48 0.28 0.70 0.18 1.48 1.50 7.23 0.16 4.63 0.44 0.38 1.17 10 Min Non Synch West 1.04 0.00 0.15 0.00 0.00 0.00 0.00 0.02 0.26 0.00 1.39 0.00 0.00 0.03 0.00 0.24 0.00 0.00 0.03 0.00 0.24 0.00 0.00 0.00 0.00 0.00 0.00	RTC Market												
10 Min Spin West 8.50 3.10 1.90 0.90 0.05 0.48 0.57 0.29 2.56 0.97 2.68 5.16 10 Min Non Synch East 6.48 0.28 0.70 0.18 1.48 1.50 7.23 0.16 4.63 0.44 0.38 1.17 10 Min Non Synch West 1.04 0.00 0.15 0.00 0.00 0.00 0.22 0.26 0.00 1.39 0.00 0.00 0.03 0.00 0.03 0.00 0.24 0.00 0.00 0.03 0.00 0.00 0.00 0.00 0.0		16.42	4.81	6.94	3.28	2.59	2.65	8.23	1.99	7.40	3.70	5.11	9.53
10 Min Non Synch East 6.48 0.28 0.70 0.18 1.48 1.50 7.23 0.16 4.63 0.44 0.38 1.17 10 Min Non Synch West 1.04 0.00 0.15 0.00 0.00 0.00 0.22 0.26 0.00 1.39 0.00 0.00 0.00 0.13 30 Min East 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	·												
10 Min Non Synch West 1.04 0.00 0.15 0.00 0.00 0.00 0.22 0.26 0.00 1.39 0.00 0.00 0.00 0.13 30 Min East 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	•												
30 Min East 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.													
Regulation East         15.18         8.81         7.43         6.84         6.42         10.42         9.77         6.81         8.93         8.26         9.63         13.75           Regulation West         15.18         8.81         7.43         6.84         6.42         10.42         9.77         6.81         8.93         8.26         9.63         13.75           NYCA Regulation Movement         0.00         0.00         0.00         0.00         0.27         0.28         0.18         0.21         0.24         0.22         0.20           Real Time Market           10 Min Spin East         18.42         4.63         6.12         3.35         3.03         3.41         20.24         2.37         7.03         4.14         4.68         7.29           10 Min Spin West         9.22         3.00         1.44         1.15         0.13         0.94         7.29         0.80         1.83         1.73         2.16         3.31           10 Min Non Synch East         8.81         0.52         0.93         0.06         1.84         2.22         14.51         0.07         4.37         0.31         0.63         1.31           10 Min Non Synch West         2.00         <												0.00	
Regulation West         15.18         8.81         7.43         6.84         6.42         10.42         9.77         6.81         8.93         8.26         9.63         13.75           NYCA Regulation Movement         0.00         0.00         0.00         0.00         0.27         0.28         0.18         0.21         0.24         0.22         0.20           Real Time Market           10 Min Spin East         18.42         4.63         6.12         3.35         3.03         3.41         20.24         2.37         7.03         4.14         4.68         7.29           10 Min Spin West         9.22         3.00         1.44         1.15         0.13         0.94         7.29         0.80         1.83         1.73         2.16         3.31           10 Min Non Synch East         8.81         0.52         0.93         0.06         1.84         2.22         14.51         0.07         4.37         0.31         0.63         1.31           10 Min Non Synch West         2.00         0.00         0.10         0.00         0.00         0.53         4.91         0.00         0.70         0.00         0.03           30 Min East         0.00         0.00         0.00								0.03					
NYCA Regulation Movement         0.00         0.00         0.00         0.00         0.00         0.27         0.28         0.18         0.21         0.24         0.22         0.20           Real Time Market           10 Min Spin East         18.42         4.63         6.12         3.35         3.03         3.41         20.24         2.37         7.03         4.14         4.68         7.29           10 Min Spin West         9.22         3.00         1.44         1.15         0.13         0.94         7.29         0.80         1.83         1.73         2.16         3.31           10 Min Non Synch East         8.81         0.52         0.93         0.06         1.84         2.22         14.51         0.07         4.37         0.31         0.63         1.31           10 Min Non Synch West         2.00         0.00         0.10         0.00         0.00         0.53         4.91         0.00         0.70         0.00         0.03         3.4           30 Min East         0.00         0.00         0.00         0.00         0.00         0.00         7.99         0.00         0.17         0.00         0.00           30 Min West         0.00         0.00	30 Min West			0.00		0.00				0.24	0.00	0.00	0.00
Real Time Market           10 Min Spin East         18.42         4.63         6.12         3.35         3.03         3.41         20.24         2.37         7.03         4.14         4.68         7.29           10 Min Spin West         9.22         3.00         1.44         1.15         0.13         0.94         7.29         0.80         1.83         1.73         2.16         3.31           10 Min Non Synch East         8.81         0.52         0.93         0.06         1.84         2.22         14.51         0.07         4.37         0.31         0.63         1.31           10 Min Non Synch West         2.00         0.00         0.10         0.00         0.00         0.53         4.91         0.00         0.70         0.00         0.03         1.31           30 Min East         0.00		0.00	0.00		0.00		0.00	0.03	0.00				
10 Min Spin East       18.42       4.63       6.12       3.35       3.03       3.41       20.24       2.37       7.03       4.14       4.68       7.29         10 Min Spin West       9.22       3.00       1.44       1.15       0.13       0.94       7.29       0.80       1.83       1.73       2.16       3.31         10 Min Non Synch East       8.81       0.52       0.93       0.06       1.84       2.22       14.51       0.07       4.37       0.31       0.63       1.31         10 Min Non Synch West       2.00       0.00       0.10       0.00       0.00       0.53       4.91       0.00       0.70       0.00       0.00       0.34         30 Min East       0.00       0.00       0.00       0.00       0.00       7.99       0.00       0.17       0.00       0.00         30 Min West       0.00       0.00       0.00       0.00       0.00       4.55       0.00       0.17       0.00       0.00         Regulation East       15.40       8.92       6.89       7.03       6.48       10.55       16.57       7.32       8.90       9.00       9.12       11.78	Regulation East	0.00 15.18	0.00 8.81	7.43	0.00 6.84	6.42	0.00 10.42	0.03 9.77	0.00 6.81	8.93	8.26	9.63	13.75
10 Min Spin West       9.22       3.00       1.44       1.15       0.13       0.94       7.29       0.80       1.83       1.73       2.16       3.31         10 Min Non Synch East       8.81       0.52       0.93       0.06       1.84       2.22       14.51       0.07       4.37       0.31       0.63       1.31         10 Min Non Synch West       2.00       0.00       0.10       0.00       0.00       0.53       4.91       0.00       0.70       0.00       0.00       0.34         30 Min East       0.00       0.00       0.00       0.00       0.00       0.00       7.99       0.00       0.17       0.00       0.00       0.00         30 Min West       0.00       0.00       0.00       0.00       0.00       4.55       0.00       0.17       0.00       0.00       0.00         Regulation East       15.40       8.92       6.89       7.03       6.48       10.55       16.57       7.32       8.90       9.00       9.12       11.78         Regulation West       15.40       8.92       6.89       7.03       6.48       10.55       16.57       7.32       8.90       9.00       9.12       11.78	Regulation East Regulation West	0.00 15.18 15.18	0.00 8.81 8.81	7.43 7.43	0.00 6.84 6.84	6.42 6.42	0.00 10.42 10.42	0.03 9.77 9.77	0.00 6.81 6.81	8.93 8.93	8.26 8.26	9.63 9.63	13.75 13.75
10 Min Non Synch East       8.81       0.52       0.93       0.06       1.84       2.22       14.51       0.07       4.37       0.31       0.63       1.31         10 Min Non Synch West       2.00       0.00       0.10       0.00       0.53       4.91       0.00       0.70       0.00       0.00       0.34         30 Min East       0.00       0.00       0.00       0.00       0.00       7.99       0.00       0.17       0.00       0.00       0.00         30 Min West       0.00       0.00       0.00       0.00       0.00       4.55       0.00       0.17       0.00       0.00       0.00         Regulation East       15.40       8.92       6.89       7.03       6.48       10.55       16.57       7.32       8.90       9.00       9.12       11.78         Regulation West       15.40       8.92       6.89       7.03       6.48       10.55       16.57       7.32       8.90       9.00       9.12       11.78	Regulation East Regulation West NYCA Regulation Movement	0.00 15.18 15.18	0.00 8.81 8.81	7.43 7.43	0.00 6.84 6.84	6.42 6.42	0.00 10.42 10.42	0.03 9.77 9.77	0.00 6.81 6.81	8.93 8.93	8.26 8.26	9.63 9.63	13.75 13.75
10 Min Non Synch West       2.00       0.00       0.10       0.00       0.53       4.91       0.00       0.70       0.00       0.00       0.34         30 Min East       0.00       0.00       0.00       0.00       0.00       7.99       0.00       0.17       0.00       0.00       0.00         30 Min West       0.00       0.00       0.00       0.00       0.00       4.55       0.00       0.17       0.00       0.00       0.00         Regulation East       15.40       8.92       6.89       7.03       6.48       10.55       16.57       7.32       8.90       9.00       9.12       11.78         Regulation West       15.40       8.92       6.89       7.03       6.48       10.55       16.57       7.32       8.90       9.00       9.12       11.78	Regulation East Regulation West NYCA Regulation Movement Real Time Market	0.00 15.18 15.18 0.00	0.00 8.81 8.81 0.00	7.43 7.43 0.00	0.00 6.84 6.84 0.00	6.42 6.42 0.00	0.00 10.42 10.42 0.27	0.03 9.77 9.77 0.28	0.00 6.81 6.81 0.18	8.93 8.93 0.21	8.26 8.26 0.24	9.63 9.63 0.22	13.75 13.75 0.20
30 Min East 0.00 0.00 0.00 0.00 0.00 0.00 7.99 0.00 0.17 0.00 0.00 0.00 0.00 0.00 0.00	Regulation East Regulation West NYCA Regulation Movement <b>Real Time Market</b> 10 Min Spin East	0.00 15.18 15.18 0.00	0.00 8.81 8.81 0.00	7.43 7.43 0.00	0.00 6.84 6.84 0.00	6.42 6.42 0.00	0.00 10.42 10.42 0.27	0.03 9.77 9.77 0.28	0.00 6.81 6.81 0.18	8.93 8.93 0.21 7.03	8.26 8.26 0.24 4.14	9.63 9.63 0.22 4.68	13.75 13.75 0.20
30 Min West 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Regulation East Regulation West NYCA Regulation Movement  Real Time Market 10 Min Spin East 10 Min Spin West	0.00 15.18 15.18 0.00 18.42 9.22	0.00 8.81 8.81 0.00 4.63 3.00	7.43 7.43 0.00 6.12 1.44	0.00 6.84 6.84 0.00 3.35 1.15	6.42 6.42 0.00 3.03 0.13	0.00 10.42 10.42 0.27 3.41 0.94	0.03 9.77 9.77 0.28 20.24 7.29	0.00 6.81 6.81 0.18 2.37 0.80	8.93 8.93 0.21 7.03 1.83	8.26 8.26 0.24 4.14 1.73	9.63 9.63 0.22 4.68 2.16	13.75 13.75 0.20 7.29 3.31
Regulation East     15.40     8.92     6.89     7.03     6.48     10.55     16.57     7.32     8.90     9.00     9.12     11.78       Regulation West     15.40     8.92     6.89     7.03     6.48     10.55     16.57     7.32     8.90     9.00     9.12     11.78	Regulation East Regulation West NYCA Regulation Movement  Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	0.00 15.18 15.18 0.00 18.42 9.22 8.81	0.00 8.81 8.81 0.00 4.63 3.00 0.52	7.43 7.43 0.00 6.12 1.44 0.93	0.00 6.84 6.84 0.00 3.35 1.15 0.06	6.42 6.42 0.00 3.03 0.13 1.84	0.00 10.42 10.42 0.27 3.41 0.94 2.22	0.03 9.77 9.77 0.28 20.24 7.29 14.51	0.00 6.81 6.81 0.18 2.37 0.80 0.07	8.93 8.93 0.21 7.03 1.83 4.37	8.26 8.26 0.24 4.14 1.73 0.31	9.63 9.63 0.22 4.68 2.16 0.63	13.75 13.75 0.20 7.29 3.31 1.31
Regulation West 15.40 8.92 6.89 7.03 6.48 10.55 16.57 7.32 8.90 9.00 9.12 11.78	Regulation East Regulation West NYCA Regulation Movement  Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	0.00 15.18 15.18 0.00 18.42 9.22 8.81 2.00	0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00	7.43 7.43 0.00 6.12 1.44 0.93 0.10	0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00	6.42 6.42 0.00 3.03 0.13 1.84 0.00	0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53	0.03 9.77 9.77 0.28 20.24 7.29 14.51 4.91	0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00	8.93 8.93 0.21 7.03 1.83 4.37 0.70	8.26 8.26 0.24 4.14 1.73 0.31 0.00	9.63 9.63 0.22 4.68 2.16 0.63 0.00	13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00
· ·	Regulation East Regulation West NYCA 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	0.00 15.18 15.18 0.00 18.42 9.22 8.81 2.00 0.00	0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00	7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00	0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00	6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00	0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53 0.00	0.03 9.77 9.77 0.28 20.24 7.29 14.51 4.91 7.99	0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00	8.93 8.93 0.21 7.03 1.83 4.37 0.70 0.17	8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00	9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00	13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00
NVOA De veleties Management 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Regulation East Regulation West NYCA 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	0.00 15.18 15.18 0.00 18.42 9.22 8.81 2.00 0.00	0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00	7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00 0.00	0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00	6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00 0.00	0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53 0.00 0.00	0.03 9.77 9.77 0.28 20.24 7.29 14.51 4.91 7.99 4.55	0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00	8.93 8.93 0.21 7.03 1.83 4.37 0.70 0.17	8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00 0.00	9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00	13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00 0.00
NYCA Regulation Movement 0.00 0.00 0.00 0.00 0.00 0.27 0.27 0.19 0.21 0.24 0.22 0.20	Regulation East Regulation West NYCA 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 Regulation East Regulation West	0.00 15.18 15.18 0.00 18.42 9.22 8.81 2.00 0.00 0.00 15.40 15.40	0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00 0.00 8.92 8.92	7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00 6.89 6.89	0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 7.03 7.03	6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00 6.48 6.48	0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53 0.00 0.00 10.55 10.55	0.03 9.77 9.77 0.28 20.24 7.29 14.51 4.91 7.99 4.55 16.57 16.57	0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00 7.32 7.32	8.93 8.93 0.21 7.03 1.83 4.37 0.70 0.17 0.17 8.90 8.90	8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00 0.00 9.00 9.00	9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00 9.12 9.12	13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00 0.00 11.78 11.78

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

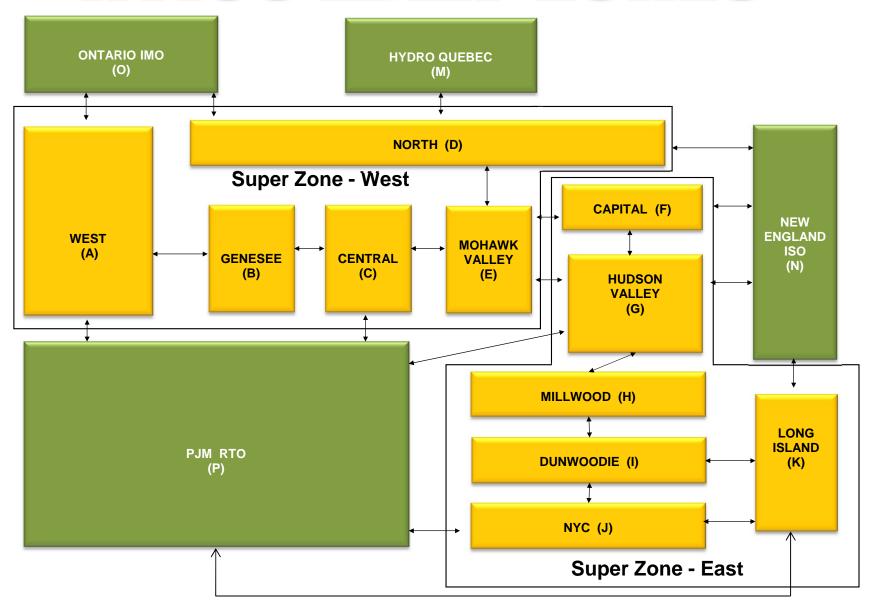








# NYISO LBMP ZONES



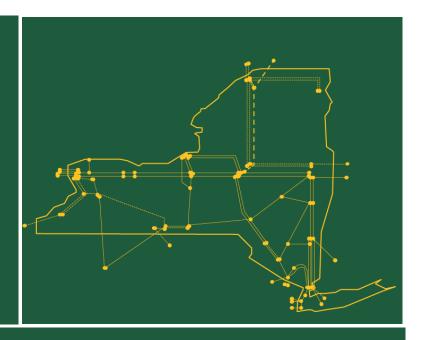
### **Billing Codes for Chart 4-C**

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

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The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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