

Market Operations Report

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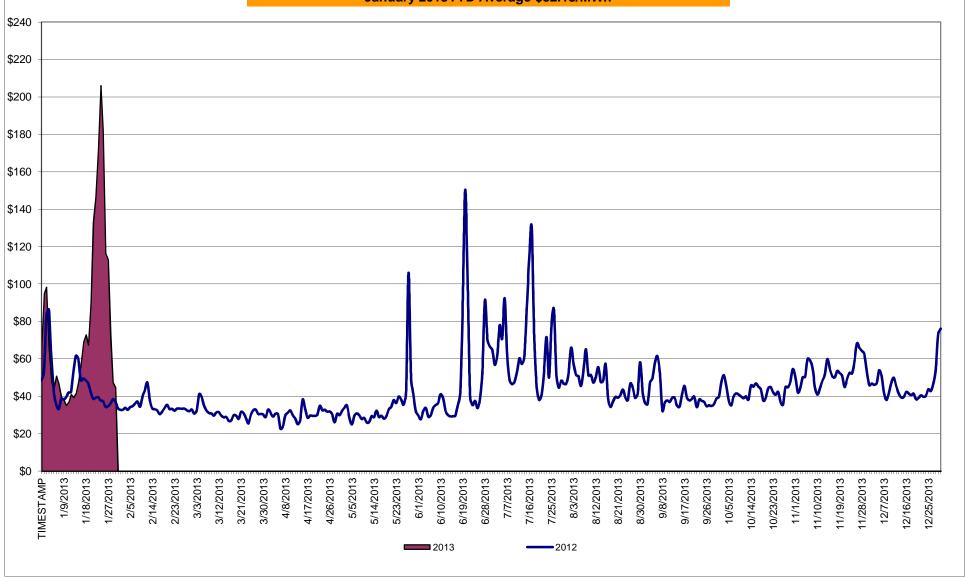
Business Issues Committee Meeting February 13, 2013

Market Performance Highlights for January 2013

- LBMP for January is \$79.73/MWh, significantly higher than \$44.68/MWh in December 2012 and \$44.00/MWh in January 2012.
 - Day Ahead and Real Time Load Weighted LBMPs are higher compared to December 2012.
- January 2013 average monthly cost of \$82.18/MWh is a marked increase from \$46.75/MWh in January 2012.
- Average daily sendout is 453GWh/day in January; higher than 434GWh/day in December 2012 and 443 GWh/day in January 2012.
- Natural gas prices were dramatically higher compared to the previous month, and distillate prices were also higher.
 - Natural Gas (Transco Z6 NY) was \$9.98/MMBtu, 109% higher than \$4.77/MMBtu in December. The increases were driven by price spikes of up to \$37/MMBtu.
 - Jet Kerosene Gulf Coast was \$22.82/MMBtu, up from \$21.82/MMBtu in December.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$22.14/MMBtu, up from \$21.95/MMBtu in December.
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is \$0.08/MWh, higher than (\$0.13)/MWh in December.
 - The Local Reliability Share is \$0.41/MWh, higher than \$0.29 in December.
 - The Statewide Share is (\$0.33)/MWh, higher than (\$0.43)/MWh in December.
 - TSA \$ per NYC MWh is \$0.00/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than December.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)* 2012 Annual Average \$45.23/MWh

January 2012YTD Average \$45.23/MWh January 2012YTD Average \$46.75/MWh January 2013YTD Average \$82.18/MWh

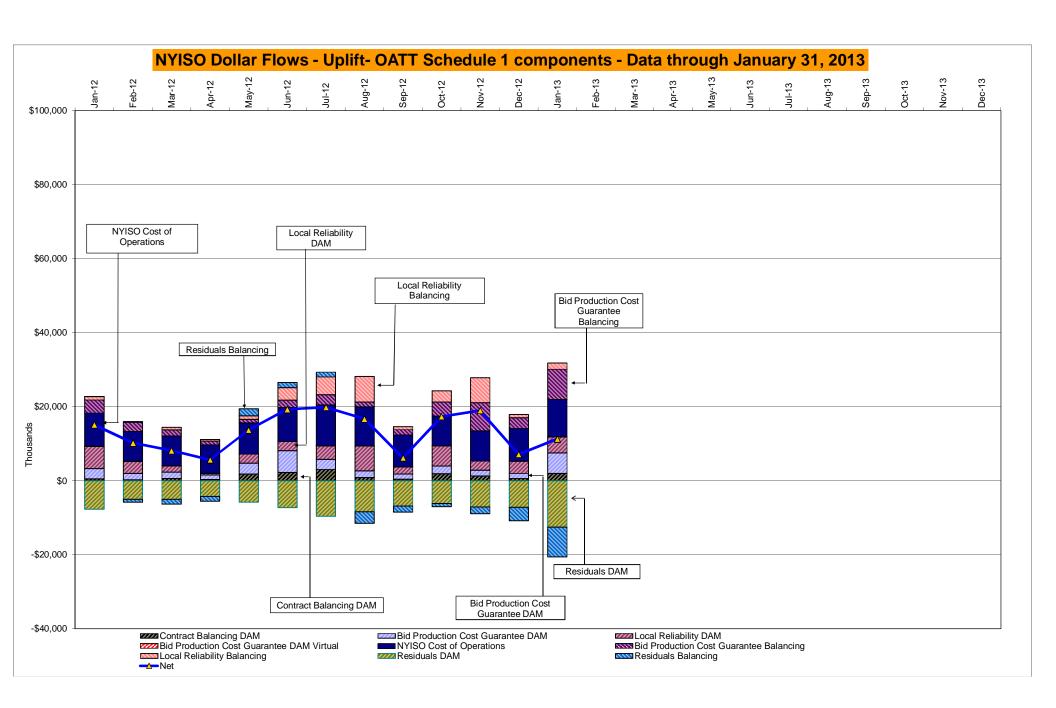


^{*} Excludes ICAP payments.

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

LBMP Reserve 0.38 Reserve Regulation Regulati	2013	January	February	March	<u>April</u>	May	June	<u>July</u>	August	September	October	November	December
NTAC No.79 Reserve Regulation Regu			<u>r obradry</u>	<u> </u>	<u> 7 (5111</u>	iviay	<u> </u>	<u>oury</u>	ragaot	COPTOTIBUT	0010001	11010111001	<u> Docombor</u>
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Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start Avg YTD Cost 82.18 TSA \$ per NYC MWh 0.00 2012 LBMP 44.00 32.45 28.98 28.31 34.68 47.37 83.80 46.24 39.59 39.28 50.15 44.68 NYISO Cost of Operations NYISO Cost of Operations Uplift: Local Reliability Share Uplift: Statewide Share Voltage Support and Black Start Avg YTD Cost 46.75 34.75 31.19 30.29 36.52 50.37 0.37 0.37 0.37 0.37 0.37 0.37 0.37	·												
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LBMP	TSA \$ per NYC MWh	0.00											
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NYISO Cost of Operations 0.64 0.64 0.64 0.64 0.64 0.64 0.64 0.64													
Uplift: Local Reliability Share 0.49 0.27 0.19 0.00 (0.18) (0.11) 0.61 0.23 0.22 (0.40) 0.71 0.79 (0.13) Uplift: Local Reliability Share 0.49 0.27 0.19 0.07 0.25 0.42 0.49 0.83 0.20 0.66 0.69 0.29 Uplift: Statewide Share (0.05) (0.10) (0.19) (0.25) (0.36) 0.19 (0.26) (0.61) (0.61) (0.59) 0.05 0.10 (0.43) Voltage Support and Black Start 0.37 0.37 0.37 0.37 0.37 0.37 0.37 0.37													
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LBMP 74.91 55.60 46.98 46.44 48.49 60.33 75.76 56.04 46.86 42.49 38.97 39.73 NTAC 0.62 0.75 0.86 0.81 1.13 1.22 0.66 0.60 0.43 0.56 0.62 0.69 Reserve 0.44 0.50 0.41 0.43 0.48 0.28 0.28 0.13 0.25 0.41 0.26 0.28 Regulation 0.20 0.18 0.15 0.12 0.10 0.15 0.12 0.09 0.08 0.09 0.08 0.09 NYISO Cost of Operations 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	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
LBMP 74.91 55.60 46.98 46.44 48.49 60.33 75.76 56.04 46.86 42.49 38.97 39.73 NTAC 0.62 0.75 0.86 0.81 1.13 1.22 0.66 0.60 0.43 0.56 0.62 0.69 Reserve 0.44 0.50 0.41 0.43 0.48 0.28 0.28 0.13 0.25 0.41 0.26 0.28 Regulation 0.20 0.18 0.15 0.12 0.10 0.15 0.12 0.09 0.08 0.09 0.08 0.09 NYISO Cost of Operations 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	2011	lanuary	Fobruary	March	April	May	luno	luke	August	Sontombor	Octobor	November	Docombor
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NYISO Cost of Operations 0.70 0.11 0.15 Uplift: Local Reliability Share 0.95 0.71 0.33 0.38 0.36 0.82 1.19 0.87 0.45 0.23 0.19 Uplift: Statewide Share 0.31 (0.12) 0.12 (0.18) (0.38) (0.21) <													
Uplift 1.26 0.58 0.45 0.21 (0.02) 0.61 1.42 0.65 0.15 (0.21) 0.11 0.15 Uplift: Local Reliability Share 0.95 0.71 0.33 0.38 0.36 0.82 1.19 0.87 0.45 0.23 0.19 0.19 Uplift: Statewide Share 0.31 (0.12) 0.12 (0.18) (0.38) (0.21) 0.24 (0.21) (0.30) (0.44) (0.08) (0.05) Voltage Support and Black Start 0.37 <td< th=""><th><u> </u></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	<u> </u>												
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Voltage Support and Black Start 0.37													
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Avg YTD Cost 78.50 68.82 62.36 59.14 57.52 58.70 62.77 62.13 60.66 59.18 57.76 56.47	,												
	Avg YTD Cost	78.50	68.82	62.36	59.14	57.52	58.70	62.77	62.13	60.66	59.18	57.76	56.47
TSA \$ per NYC MWh 0.00 0.00 0.00 0.13 0.00 1.45 0.38 1.59 0.15 0.00 0.00 0.00 * Excludes ICAP payments. Data reflects true-ups thru December 2012.	* Excludes ICAP payments.	0.00	0.00	0.00	0.13	0.00	1.45	0.38	1.59	0.15			

* Excludes ICAP payments. Market Mitigation and Analysis Prepared: 2/6/2013 10:23 AM



NYISO Markets Transactions

<u>June</u>

May

2013	January	<u>i ebidaiy</u>	Maich	Дрііі	iviay	Julie	July	August	September	October	NOVEITIBEI	December
Day Ahead Market MWh	15,140,096											
DAM LSE Internal LBMP Energy Sales	56%											
DAM External TC LBMP Energy Sales	4%											
DAM Bilateral - Internal Bilaterals	38%											
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	0%											
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%											
DAM Bilateral - Wheel Through Bilaterals	1%											
Balancing Energy Market MWh	-462,089											
Balancing Energy Warket WWII Balancing Energy LSE Internal LBMP Energy Sales	-131%											
Balancing Energy Esternal TC LBMP Energy Sales	33%											
Balancing Energy Bilateral - Internal Bilaterals	4%											
5 <i>5,</i>	0%											
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	5%											
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals												
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%											
Transactions Summary												
LBMP	59%											
Internal Bilaterals	39%											
Import Bilaterals	0%											
Export Bilaterals	1%											
Wheels Through	1%											
Market Share of Total Load												
Day Ahead Market	103.1%											
Balancing Energy +	-3.1%											
Total MWH	14,678,007											
Average Daily Energy Sendout/Month GWh	453											
2012	January	<u>February</u>	<u>March</u>	<u>April</u>	May	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Day Ahead Market MWh	14,877,279		13,590,456			14,898,725	17,946,019	17,185,445	14,262,425	13,354,729	12,839,137	14,719,983
DAM LSE Internal LBMP Energy Sales	58%	57%	58%	59%	61%	63%	65%	63%	61%	60%	62%	57%
DAM External TC LBMP Energy Sales	1%	1%	0%	1%	1%	1%	1%	1%	0%	1%	3%	3%
DAM Bilateral - Internal Bilaterals	38%	40%	40%	38%	36%	35%	32%	34%	37%	38%	33%	37%
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
DAM Bilateral - Wheel Through Bilaterals	1%	0%	1%	1%	1%	1%	1%	1%	0%	0%	1%	1%
Balancing Energy Market MWh	-878,126	-816,828	-896,684	-371,022	-31,455	-534,794	-575,091	-528,572	-692,656	-759,328	15,462	-738,593
Balancing Energy LSE Internal LBMP Energy Sales	-110%	-111%	-110%	-126%	-561%	-129%	-126%	-138%	-121%	-125%	-1207%	-108%
Balancing Energy External TC LBMP Energy Sales	9%	7%	7%	20%	347%	22%	19%	30%	13%	19%	1212%	7%
Balancing Energy Bilateral - Internal Bilaterals	1%	1%	1%	4%	107%	8%	6%	4%	4%	3%	6%	0%
Balancing Energy Bilateral - Importi/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	4%	3%	3%	7%	54%	3%	2%	2%	3%	3%	116%	3%
Balancing Energy Bilateral - Export Non-Ebilit Market Bilaterals Balancing Energy Bilateral - Wheel Through Bilaterals	-3%	0%	-1%	-4%	-46%	-5%	0%	2%	1%	0%	-28%	-2%
Transactions Summary	-3/6	0 /6	-1/0	-4 /0	-40 /6	-5/6	0 /8	2 /0	1 /0	076	-20 /0	-2 /0
	57 0/	500/	FF0/	500/	040/	000/	050/	000/	500/	500/	050/	500/
LBMP	57%	56%	55%	59%	61%	62%	65%	63%	59%	58%	65%	58%
Internal Bilaterals	41%	42%	43%	39%	36%	36%	33%	35%	39%	40%	33%	39%
Import Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	2%	2%
Wheels Through	1%	0%	1%	1%	1%	1%	1%	1%	1%	0%	1%	1%
Market Share of Total Load												
Day Ahead Market	106.3%	106.5%	107.1%	103.1%	100.2%	103.7%	103.3%	103.2%	105.1%	106.0%	99.9%	105.3%
Balancing Energy +	-6.3%	-6.5%	-7.1%	-3.1%	-0.2%	-3.7%	-3.3%	-3.2%	-5.1%	-6.0%	0.1%	-5.3%
Total MWH	13,999,153		12,693,772	12,111,670	13,292,986	14,363,931	17,370,928	16,656,873	13,569,769	12,595,401	12,854,599	
Average Daily Energy Sendout/Month GWh	443	431	407	396	420	471	551	529	447	398	410	434

January February

March

<u>April</u>

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

Virtual Transactions are not reflected in this chart.

<u>August September October November December</u>

<u>2013</u>

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

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

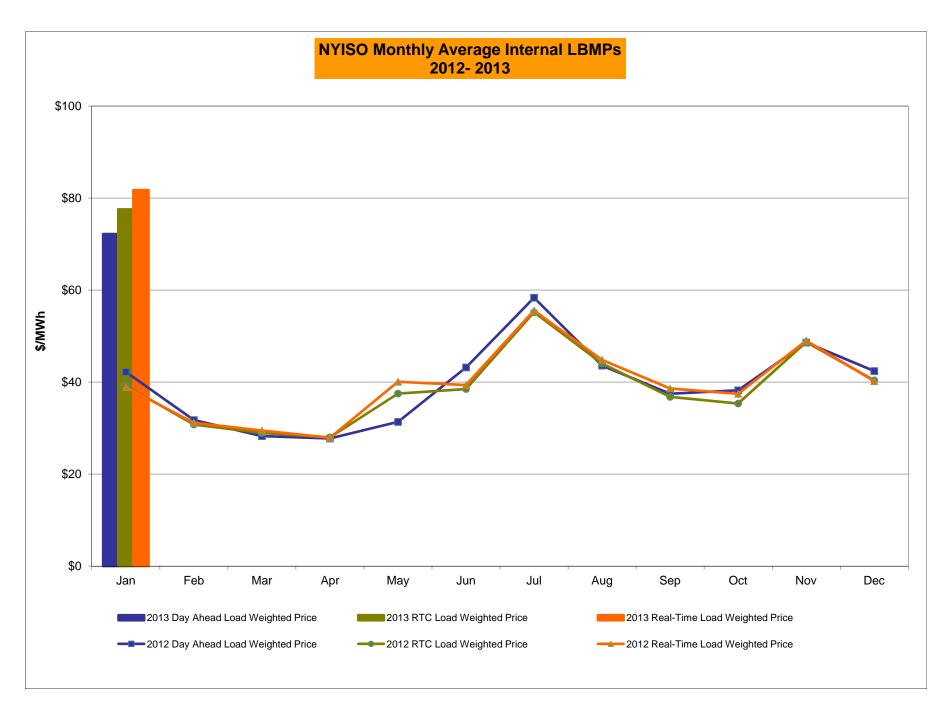
NYISO Markets 2013 Energy Statistics

	<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
DAY AHEAD LBMP									
Price *	\$69.17								
Standard Deviation	\$47.21								
Load Weighted Price **	\$72.17								
RTC LBMP									
Price *	\$73.69								
Standard Deviation	\$88.27								
Load Weighted Price **	\$77.52								
REAL TIME LBMP									
Price *	\$76.47								
Standard Deviation	\$83.80								
Load Weighted Price **	\$81.71								
Average Daily Energy Sendout/Month GWh	453								

NYISO Markets 2012 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August S	<u>September</u>	October	November I	December
DAY AHEAD LBMP	-				 -							
Price *	\$40.91	\$31.15	\$27.44	\$26.88	\$29.79	\$38.71	\$53.95	\$41.17	\$35.74	\$37.10	\$47.31	\$41.47
Standard Deviation	\$15.62	\$6.23	\$7.00	\$7.04	\$10.22	\$31.58	\$32.19	\$15.94	\$11.26	\$8.21	\$11.52	\$10.18
Load Weighted Price **	\$42.20	\$31.73	\$28.25	\$27.72	\$31.33	\$43.17	\$58.33	\$43.57	\$37.44	\$38.19	\$48.58	\$42.38
RTC LBMP												
Price *	\$37.93	\$30.31	\$28.15	\$27.19	\$34.27	\$34.58	\$51.05	\$41.79	\$34.76	\$34.11	\$46.72	\$39.13
Standard Deviation	\$23.43	\$7.26	\$22.87	\$15.67	\$46.03	\$57.26	\$60.86	\$22.90	\$23.14	\$19.02	\$33.25	\$22.23
Load Weighted Price **	\$39.19	\$30.75	\$28.93	\$27.97	\$37.49	\$38.48	\$55.17	\$44.03	\$36.77	\$35.33	\$48.69	\$40.37
REAL TIME LBMP												
Price *	\$37.35	\$30.54	\$28.47	\$27.00	\$35.22	\$34.29	\$50.68	\$41.95	\$36.05	\$36.24	\$47.35	\$39.17
Standard Deviation	\$23.75	\$9.77	\$20.94	\$15.14	\$56.38	\$55.53	\$51.60	\$23.86	\$26.89	\$14.43	\$27.30	\$14.67
Load Weighted Price **	\$38.88	\$31.14	\$29.44	\$27.89	\$40.06	\$39.34	\$55.54	\$44.81	\$38.59	\$37.43	\$48.98	\$40.19
Average Daily Energy Sendout/Month GWh	443	431	407	396	420	471	551	529	447	398	410	434

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

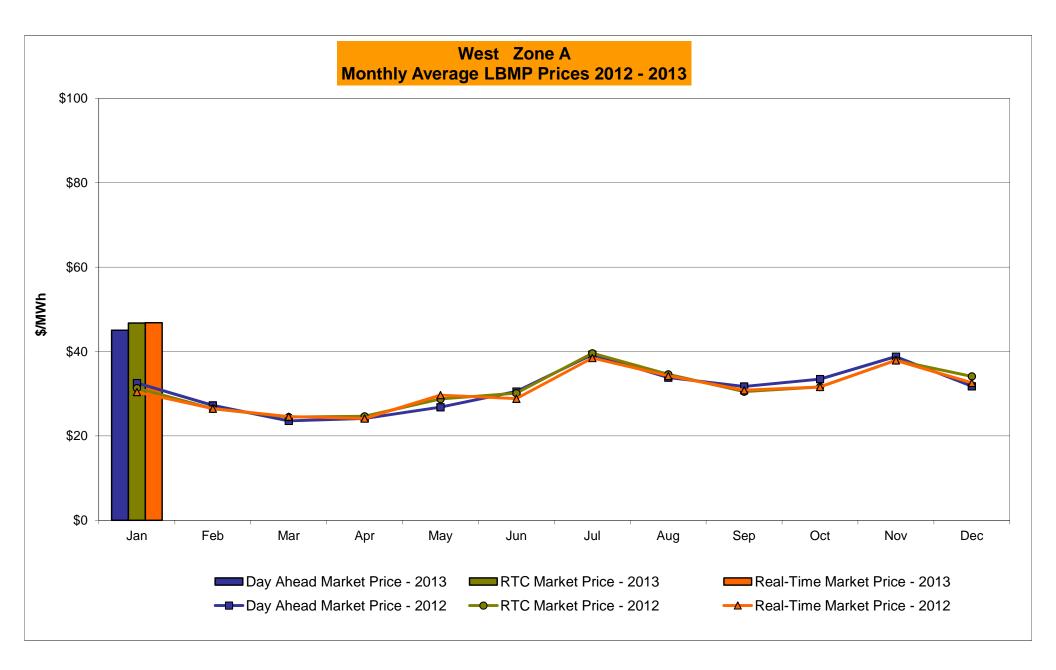


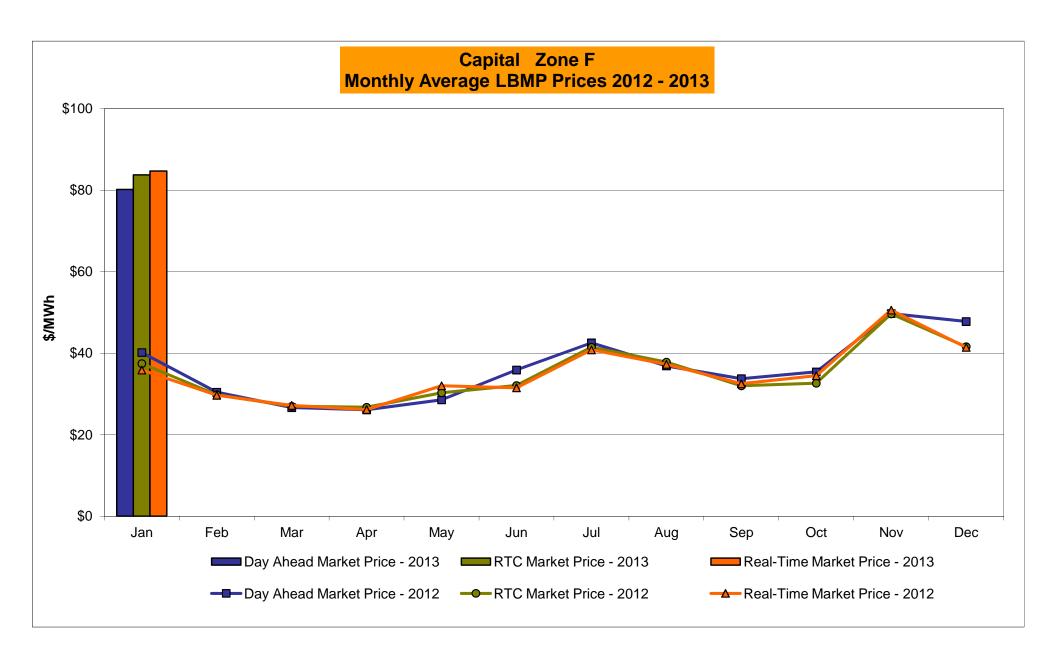
January 2013 Zonal LBMP Statistics for NYISO (\$/MWh)

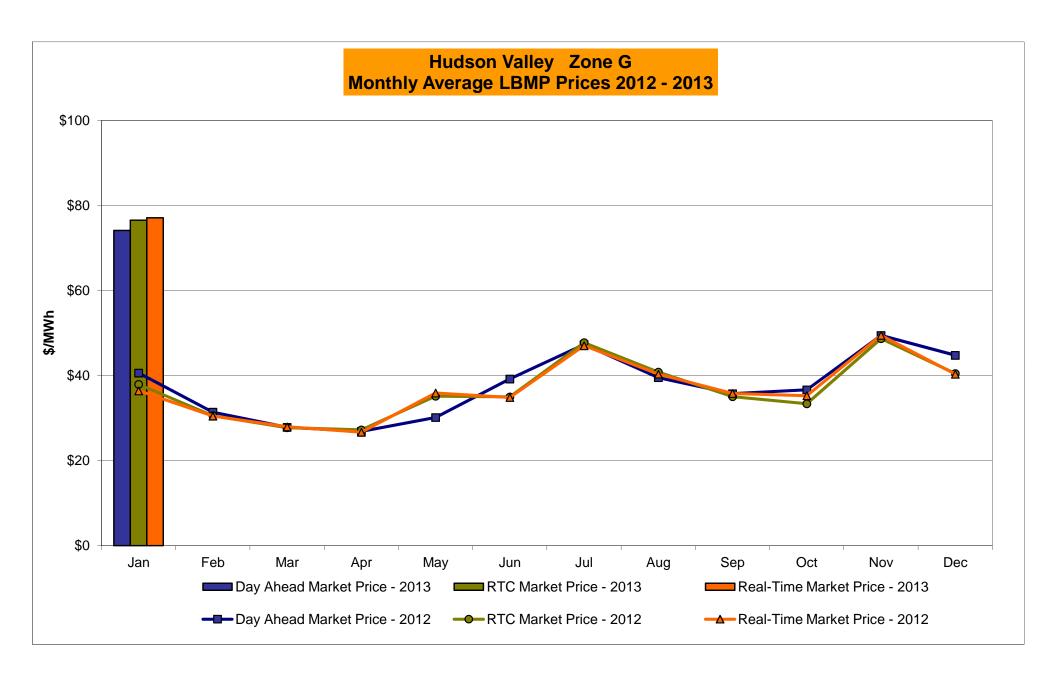
	WEST	GENESEE	NORTH	CENTRAL	MOHAWK VALLEY	CAPITAL	HUDSON VALLEY		DUNWOODIE	NEW YORK CITY	LONG ISLAND
	Zone A	Zone B	Zone D	Zone C	Zone E	Zone F	Zone G	Zone H	<u>Zone I</u>	Zone J	Zone K
DAY AHEAD LBMP											
Unweighted Price *	45.06	47.48	46.36	49.86	52.25	80.19	74.14	74.70	74.53	81.20	87.47
Standard Deviation	30.72	37.79	41.88	38.92	41.89	51.29	48.17	48.60	48.50	57.16	60.36
RTC LBMP											
Unweighted Price *	46.76	49.42	46.60	51.86	54.60	83.74	76.53	77.05	76.80	87.00	101.72
Standard Deviation	59.71	69.10	73.94	71.12	75.85	108.31	94.74	95.52	94.96	111.83	118.55
REAL TIME LBMP											
Unweighted Price *	46.81	49.34	46.19	51.77	54.41	84.69	77.10	77.65	77.44	91.21	111.75
Standard Deviation	54.12	65.25	69.97	66.71	71.15	93.65	83.01	83.62	83.21	111.94	134.44
		HYDRO	HYDRO			CROSS					
	ONTARIO	HYDRO QUEBEC	HYDRO QUEBEC		NEW		NORTHPORT-				
	ONTARIO IESO	QUEBEC	_	PJM	NEW ENGLAND		NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	Dennison	
		QUEBEC	QUEBEC	РЈМ		SOUND		NEPTUNE Controllable	LINDEN VFT	Dennison <u>Controllable</u>	
		QUEBEC	QUEBEC	PJM <u>Zone P</u>		SOUND CABLE	NORWALK	_			
DAY AHEAD LBMP	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	Controllable	
DAY AHEAD LBMP Unweighted Price *	IESO	QUEBEC (Wheel)	QUEBEC (Import/Export)		ENGLAND	SOUND CABLE Controllable	NORWALK Controllable	Controllable	<u>Controllable</u>	Controllable	
	IESO Zone O	QUEBEC (Wheel)	QUEBEC (Import/Export)	Zone P	ENGLAND Zone N	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line	Controllable Line	Controllable Line	
Unweighted Price *	Zone O 44.41	QUEBEC (Wheel) Zone M 46.18	QUEBEC (Import/Export) Zone M 45.83	Zone P 54.73	Zone N 77.49	SOUND CABLE Controllable Line 86.29	NORWALK Controllable Line 82.69	Controllable Line 85.88	Controllable Line 74.04	Controllable Line 45.87	
Unweighted Price * Standard Deviation	Zone O 44.41	QUEBEC (Wheel) Zone M 46.18	QUEBEC (Import/Export) Zone M 45.83	Zone P 54.73	Zone N 77.49	SOUND CABLE Controllable Line 86.29	NORWALK Controllable Line 82.69	Controllable Line 85.88	Controllable Line 74.04	Controllable Line 45.87	
Unweighted Price * Standard Deviation RTC LBMP	Zone O 44.41 30.51	QUEBEC (Wheel) <u>Zone M</u> 46.18 41.43	QUEBEC (Import/Export) Zone M 45.83 41.54	Zone P 54.73 37.96	Zone N 77.49 49.49	SOUND CABLE Controllable Line 86.29 59.40	NORWALK Controllable Line 82.69 54.66	Controllable Line 85.88 59.14	Controllable Line 74.04 50.89	Controllable Line 45.87 41.80	
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 44.41 30.51 42.57	QUEBEC (Wheel) Zone M 46.18 41.43	QUEBEC (Import/Export) Zone M 45.83 41.54	Zone P 54.73 37.96	Zone N 77.49 49.49	SOUND CABLE Controllable Line 86.29 59.40	NORWALK Controllable Line 82.69 54.66	200 Controllable Line 85.88 59.14 90.88	74.04 50.89	Controllable Line 45.87 41.80	
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 44.41 30.51 42.57	QUEBEC (Wheel) Zone M 46.18 41.43	QUEBEC (Import/Export) Zone M 45.83 41.54	Zone P 54.73 37.96	Zone N 77.49 49.49	SOUND CABLE Controllable Line 86.29 59.40	NORWALK Controllable Line 82.69 54.66	200 Controllable Line 85.88 59.14 90.88	74.04 50.89	Controllable Line 45.87 41.80	

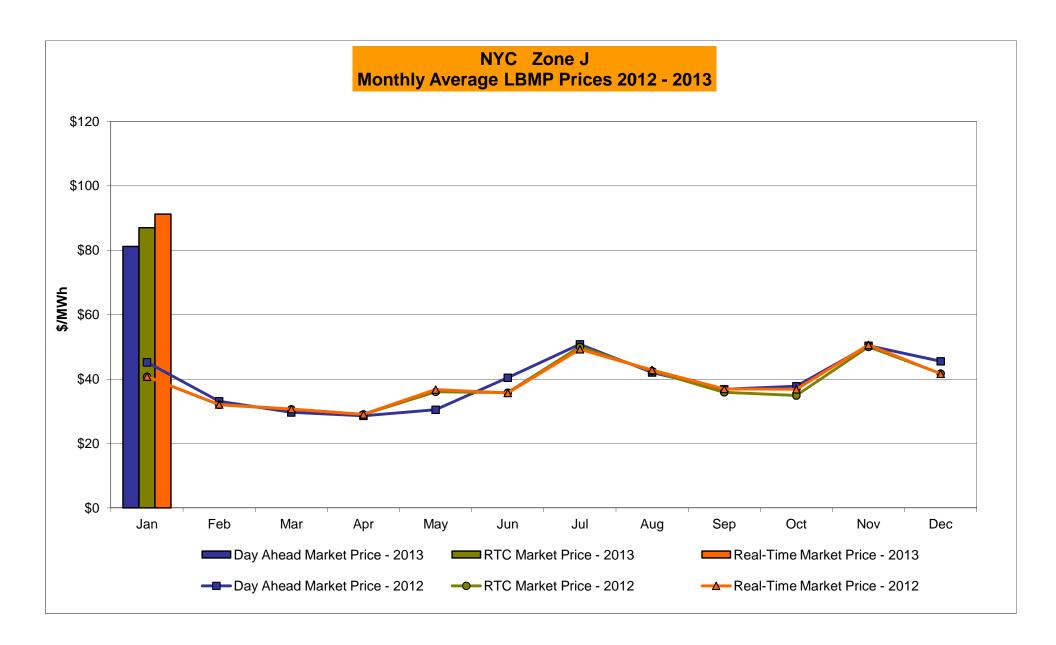
Market Mitigation and Analysis Prepared: 2/8/2013 9:20 AM

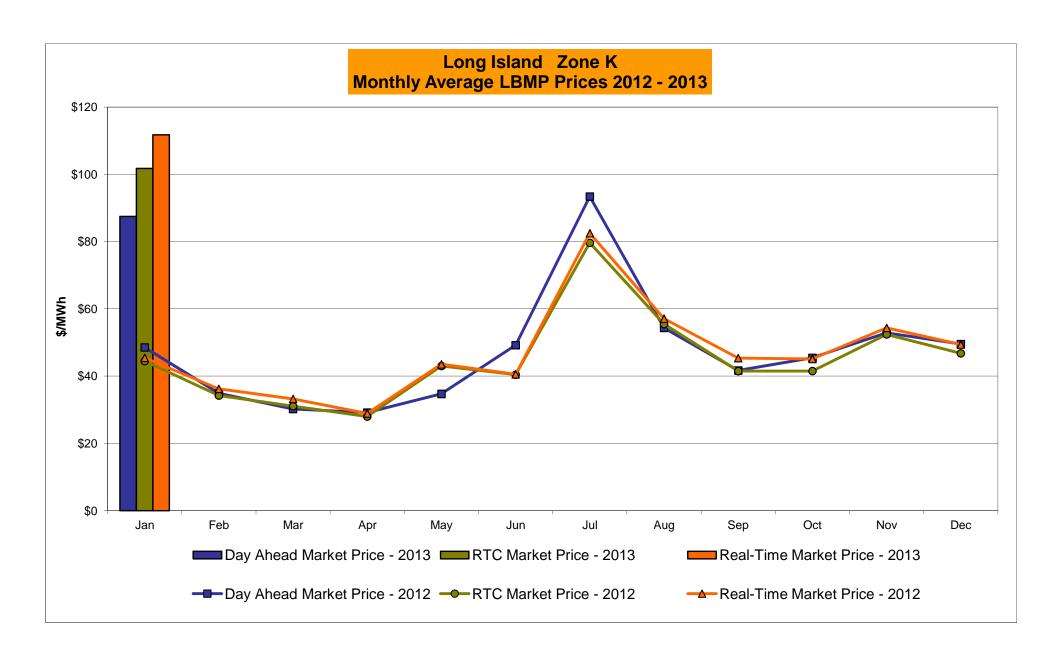
^{*} Straight LBMP averages

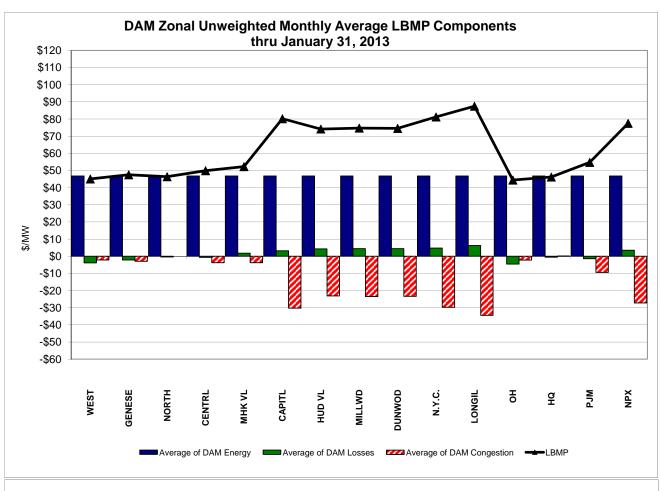


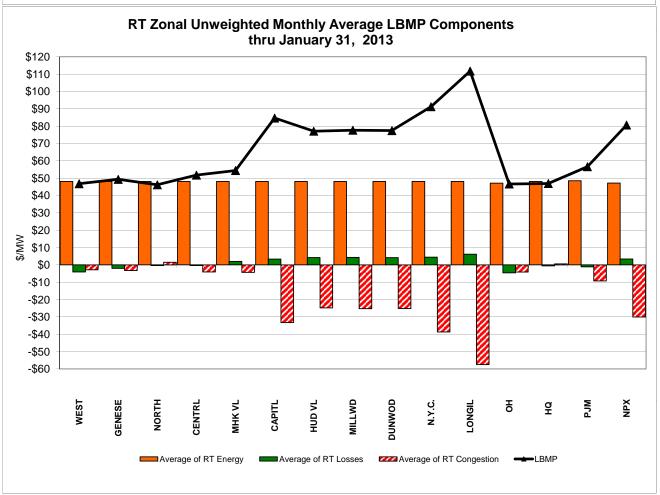




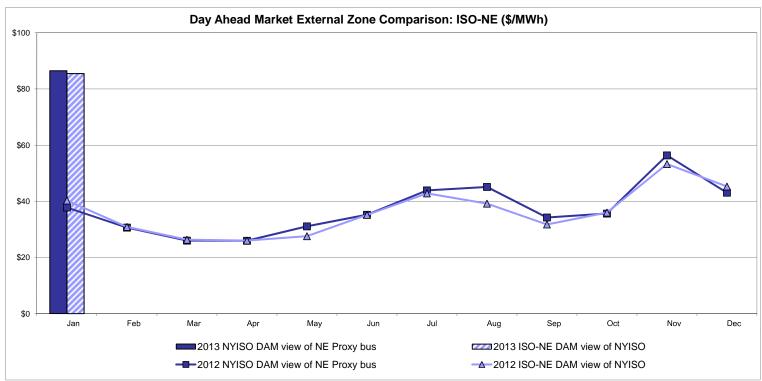


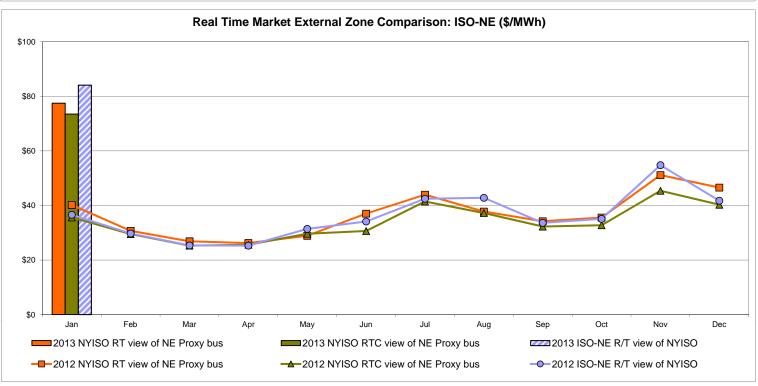




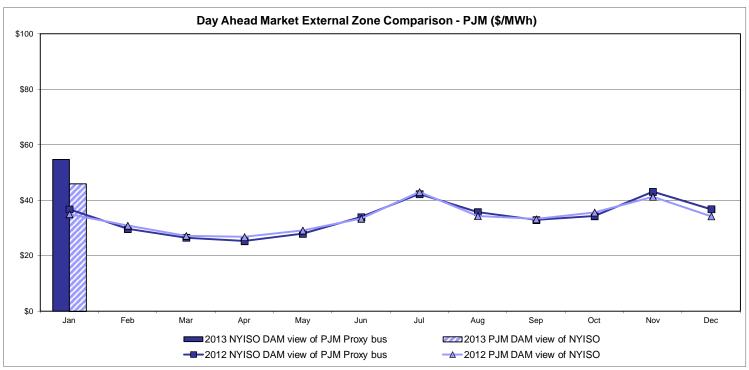


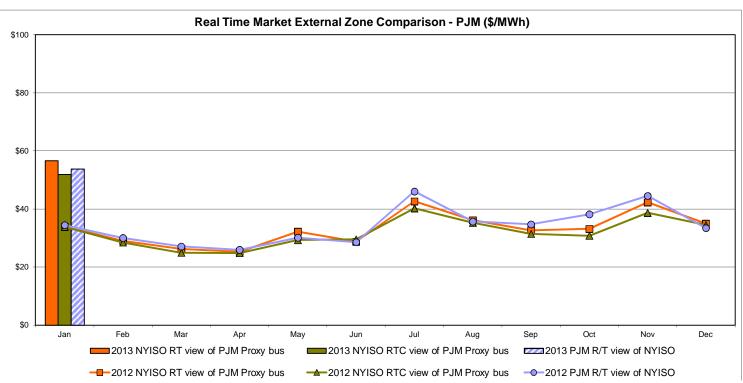
External Comparison ISO-New England



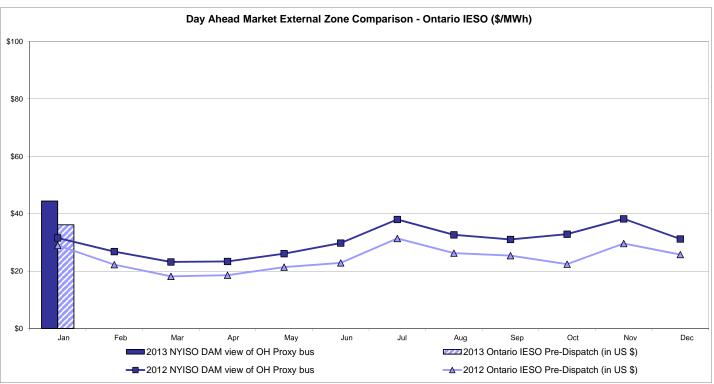


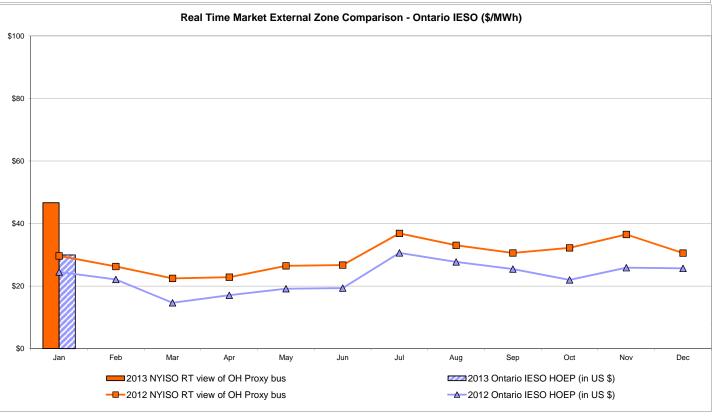
External Comparison PJM





External Comparison Ontario IESO

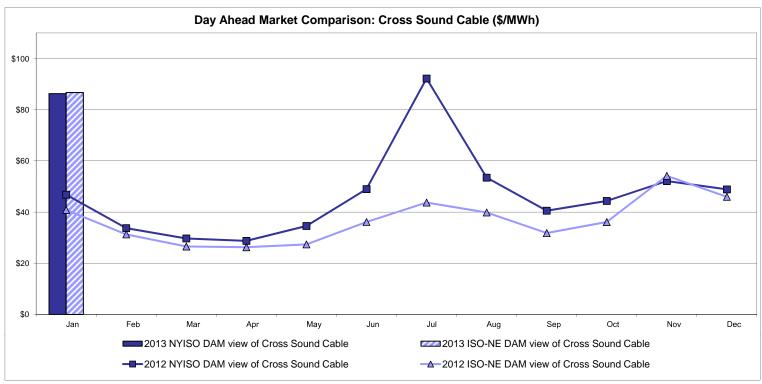


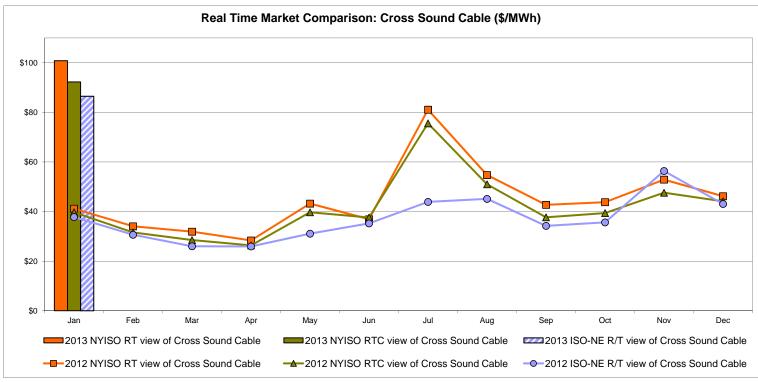


Notes: Exchange factor used for January 2013 was 1.008 to US \$

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

External Controllable Line: Cross Sound Cable (New England)





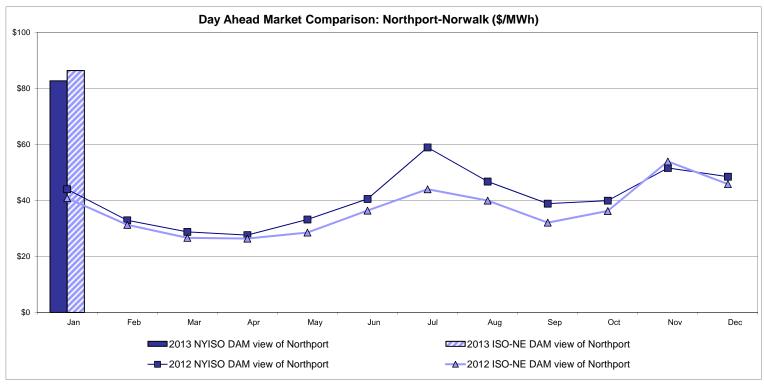
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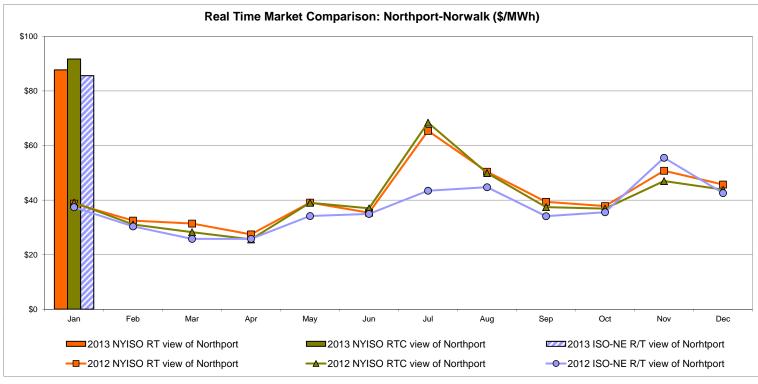
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

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

External Controllable Line: Northport - Norwalk (New England)





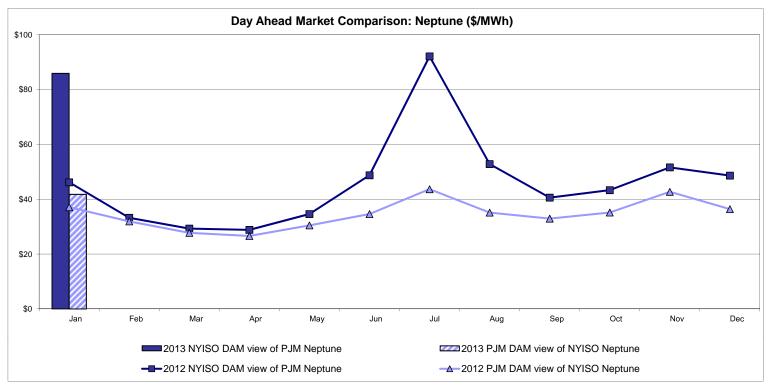
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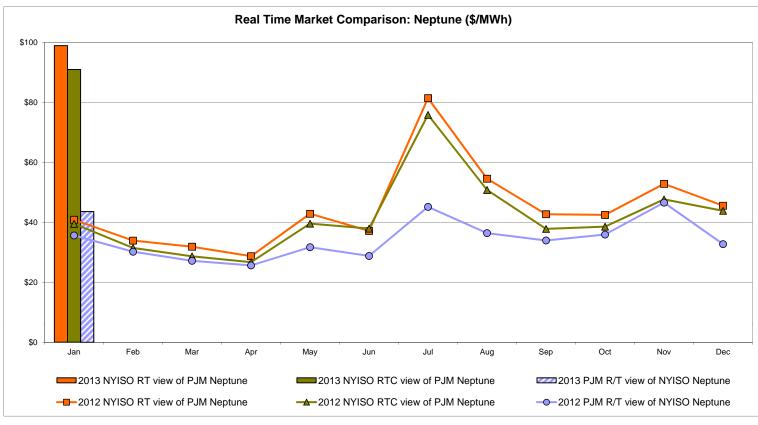
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

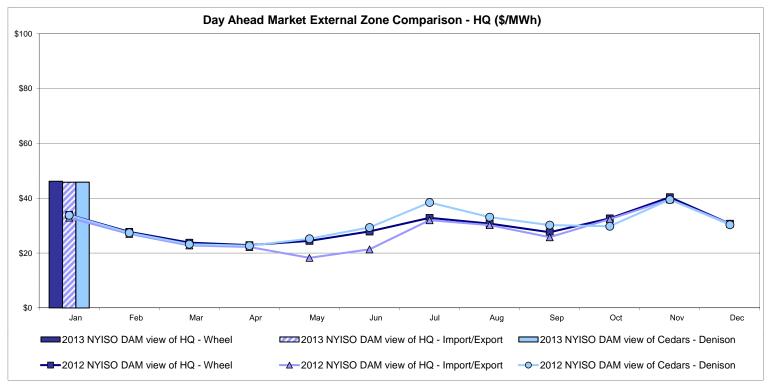
The DAM and R/T prices at the 1385 interface are used for NYISO.

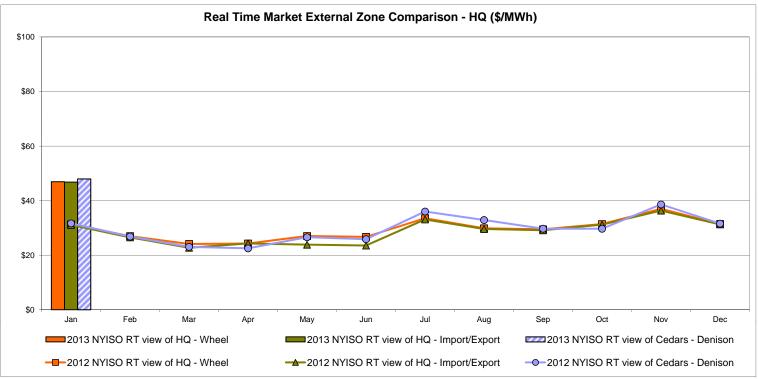
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

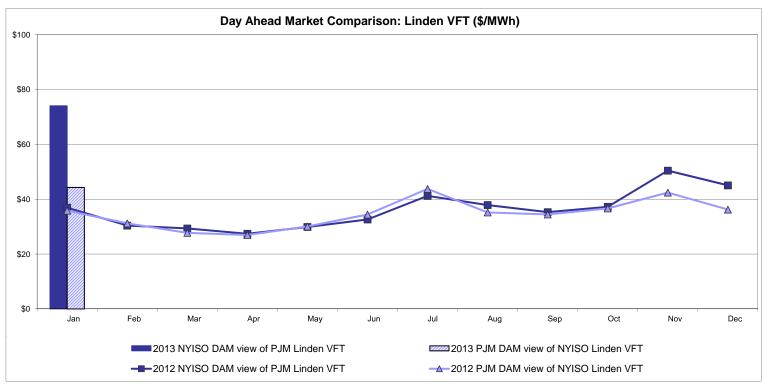


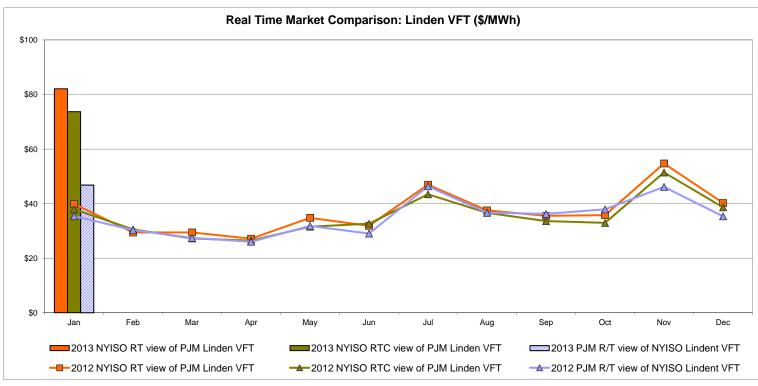


Note:

Hydro-Quebec Prices are unavailable.

External Controllable Line: Linden VFT (PJM)



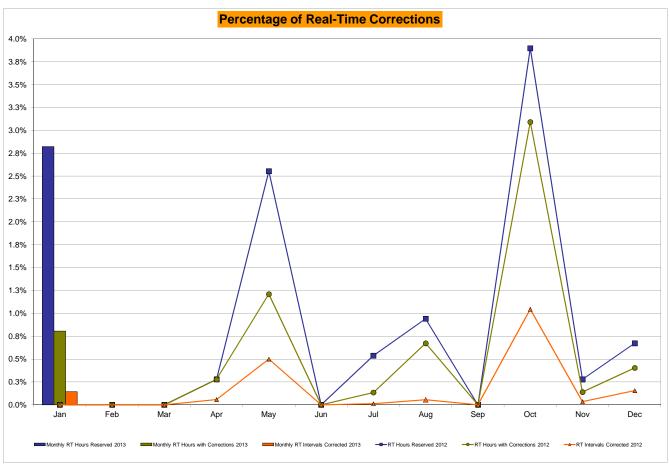


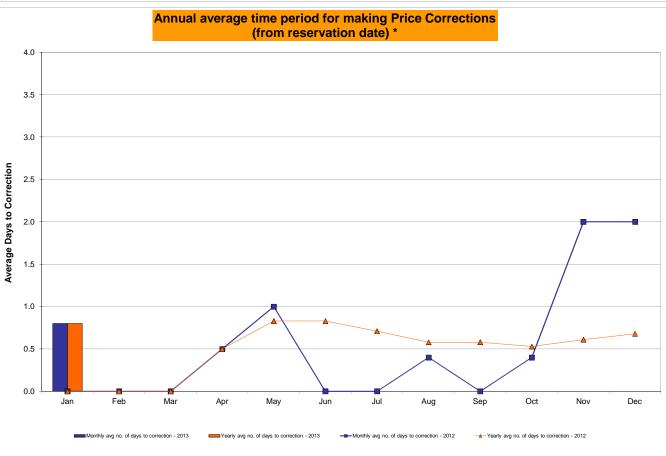
NYISO Real Time Price Correction Statistics

2013		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	October	November	December
Hour Corrections Number of hours with corrections	in the month	6											
Number of hours	in the month	744											
% of hours with corrections	in the month	0.81%											
% of hours with corrections Interval Corrections	year-to-date	0.81%											
Number of intervals corrected	in the month	13											
Number of intervals	in the month	9,104											
% of intervals corrected	in the month	0.14%											
% of intervals corrected		0.14%											
Hours Reserved	year-to-date	0.14%											
Number of hours reserved	in the month	21											
Number of hours	in the month	744											
% of hours reserved	in the month	2.82%											
% of flours reserved	in the month	2.02%											
% of hours reserved	year-to-date	2.82%											
Days to Correction *													
Avg. number of days to correction	in the month	0.80											
Avg. number of days to correction	year-to-date	0.80											
Days Without Corrections													
Days without corrections	in the month	26											
Days without corrections	year-to-date	26											
2012		January	February	March	April	May	June	.tuty	August	September	October	November	December
2012 Hour Corrections		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	September	<u>October</u>	November	<u>December</u>
Hour Corrections	in the month	·		· <u>·</u>	<u></u> -		<u></u>				·		
Hour Corrections Number of hours with corrections	in the month	0	0	0	2	9	0	1	5	0	23	1	3
Hour Corrections	in the month in the month in the month	·		· <u>·</u>	<u></u> -		<u></u>				·		
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections	in the month in the month	0 744 0.00%	0 696 0.00%	0 743 0.00%	2 720 0.28%	9 744 1.21%	0 720 0.00%	1 744 0.13%	5 744 0.67%	0 720 0.00%	23 744 3.09%	1 721 0.14%	3 744 0.40%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections	in the month	0 744	0 696	0 743	2 720	9 744	0 720	1 744	5 744	0 720	23 744	 1 721	3 744
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	0 744 0.00% 0.00%	0 696 0.00% 0.00%	0 743 0.00% 0.00%	2 720 0.28% 0.07%	9 744 1.21% 0.30%	0 720 0.00% 0.25%	1 744 0.13% 0.23%	5 744 0.67% 0.29%	0 720 0.00% 0.26%	23 744 3.09% 0.55%	1 721 0.14% 0.51%	3 744 0.40% 0.50%
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	0 744 0.00% 0.00%	0 696 0.00% 0.00%	0 743 0.00% 0.00%	2 720 0.28% 0.07%	9 744 1.21% 0.30%	0 720 0.00% 0.25%	1 744 0.13% 0.23%	5 744 0.67% 0.29%	0 720 0.00% 0.26%	23 744 3.09% 0.55%	1 721 0.14% 0.51%	3 744 0.40% 0.50%
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	0 744 0.00% 0.00%	0 696 0.00% 0.00%	0 743 0.00% 0.00%	2 720 0.28% 0.07%	9 744 1.21% 0.30%	0 720 0.00% 0.25%	1 744 0.13% 0.23%	5 744 0.67% 0.29%	0 720 0.00% 0.26%	23 744 3.09% 0.55%	1 721 0.14% 0.51%	3 744 0.40% 0.50%
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	0 744 0.00% 0.00% 0 9,025 0.00%	0 696 0.00% 0.00% 0 8,399 0.00%	0 743 0.00% 0.00% 0 8,977 0.00%	2 720 0.28% 0.07% 5 8,716 0.06%	9 744 1.21% 0.30% 45 9,013 0.50%	0 720 0.00% 0.25% 0 8,786 0.00%	1 744 0.13% 0.23% 1 9,100 0.01%	5 744 0.67% 0.29% 5 9,044 0.06%	0 720 0.00% 0.26% 0 8,724 0.00%	23 744 3.09% 0.55% 94 8,987 1.05%	1 721 0.14% 0.51% 3 8,856 0.03%	3 744 0.40% 0.50% 14 9,036 0.15%
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	0 744 0.00% 0.00% 0 9,025	0 696 0.00% 0.00% 0 8,399	0 743 0.00% 0.00% 0 8,977	2 720 0.28% 0.07% 5 8,716	9 744 1.21% 0.30% 45 9,013	0 720 0.00% 0.25% 0 8,786	1 744 0.13% 0.23%	5 744 0.67% 0.29% 5 9,044	0 720 0.00% 0.26% 0 8,724	23 744 3.09% 0.55% 94 8,987	1 721 0.14% 0.51% 3 8,856	3 744 0.40% 0.50%
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	0 744 0.00% 0.00% 0 9,025 0.00%	0 696 0.00% 0.00% 0 8,399 0.00%	0 743 0.00% 0.00% 0 8,977 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16%
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	0 744 0.00% 0.00% 0 9,025 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16%
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 the month year-to-date	0 744 0.00% 0.00% 0 9,025 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721	3 744 0.40% 0.50% 14 9,036 0.15% 0.16%
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	0 744 0.00% 0.00% 0 9,025 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16%
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 the month year-to-date	0 744 0.00% 0.00% 0 9,025 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721	3 744 0.40% 0.50% 14 9,036 0.15% 0.16%
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	0 744 0.00% 0.00% 0 9,025 0.00% 0.00% 0	0 696 0.00% 0.00% 0 8,399 0.00% 0.00% 0	0 743 0.00% 0.00% 0 8,977 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01% 2 720 0.28% 0.07%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11% 19 744 2.55% 0.58%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09% 0 720 0.00% 0.48%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08% 4 744 0.54% 0.49%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08% 7 744 0.94% 0.55%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07% 0 720 0.00% 0.49%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744 3.90% 0.83%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721 0.28% 0.78%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16% 5 744 0.67% 0.77%
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	0 744 0.00% 0.00% 0 9,025 0.00% 0.00% 0 744 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00% 0 743 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01% 2 720 0.28% 0.07%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11% 19 744 2.55% 0.58% 1.00	0 720 0.00% 0.25% 0 8,786 0.00% 0.09% 0 720 0.00% 0.48%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08% 4 744 0.54% 0.49%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08% 7 744 0.94% 0.55%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07% 0 720 0.00% 0.49%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744 3.90% 0.83%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721 0.28% 0.78%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16% 5 744 0.67% 0.77%
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 in the month in the month in the month year-to-date	0 744 0.00% 0.00% 0 9,025 0.00% 0.00% 0	0 696 0.00% 0.00% 0 8,399 0.00% 0.00% 0	0 743 0.00% 0.00% 0 8,977 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01% 2 720 0.28% 0.07%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11% 19 744 2.55% 0.58%	0 720 0.00% 0.25% 0 8,786 0.00% 0.09% 0 720 0.00% 0.48%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08% 4 744 0.54% 0.49%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08% 7 744 0.94% 0.55%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07% 0 720 0.00% 0.49%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744 3.90% 0.83%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721 0.28% 0.78%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16% 5 744 0.67% 0.77%
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Mumber of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved % of hours reserved % of hours reserved Number of 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	0 744 0.00% 0.00% 0 9,025 0.00% 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00% 0 743 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01% 2 720 0.28% 0.07% 0.50 0.50	9 744 1.21% 0.30% 45 9,013 0.50% 0.11% 19 744 2.55% 0.58% 1.00 0.83	0 720 0.00% 0.25% 0 8,786 0.00% 0.09% 0 720 0.00% 0.48%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08% 4 744 0.54% 0.49% 0.00 0.71	5 744 0.67% 0.29% 5 9,044 0.06% 0.08% 7 744 0.94% 0.55% 0.40 0.58	0 720 0.00% 0.26% 0 8,724 0.00% 0.07% 0 720 0.00% 0.49%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744 3.90% 0.83% 0.40 0.53	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721 0.28% 0.78% 2.00 0.61	3 744 0.40% 0.50% 14 9,036 0.15% 0.16% 5 744 0.67% 0.77% 2.00 0.68
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	0 744 0.00% 0.00% 0 9,025 0.00% 0.00% 0 744 0.00% 0.00%	0 696 0.00% 0.00% 0 8,399 0.00% 0.00% 0.00%	0 743 0.00% 0.00% 0 8,977 0.00% 0.00% 0 743 0.00% 0.00%	2 720 0.28% 0.07% 5 8,716 0.06% 0.01% 2 720 0.28% 0.07%	9 744 1.21% 0.30% 45 9,013 0.50% 0.11% 19 744 2.55% 0.58% 1.00	0 720 0.00% 0.25% 0 8,786 0.00% 0.09% 0 720 0.00% 0.48%	1 744 0.13% 0.23% 1 9,100 0.01% 0.08% 4 744 0.54% 0.49%	5 744 0.67% 0.29% 5 9,044 0.06% 0.08% 7 744 0.94% 0.55%	0 720 0.00% 0.26% 0 8,724 0.00% 0.07% 0 720 0.00% 0.49%	23 744 3.09% 0.55% 94 8,987 1.05% 0.17% 29 744 3.90% 0.83%	1 721 0.14% 0.51% 3 8,856 0.03% 0.16% 2 721 0.28% 0.78%	3 744 0.40% 0.50% 14 9,036 0.15% 0.16% 5 744 0.67% 0.77%

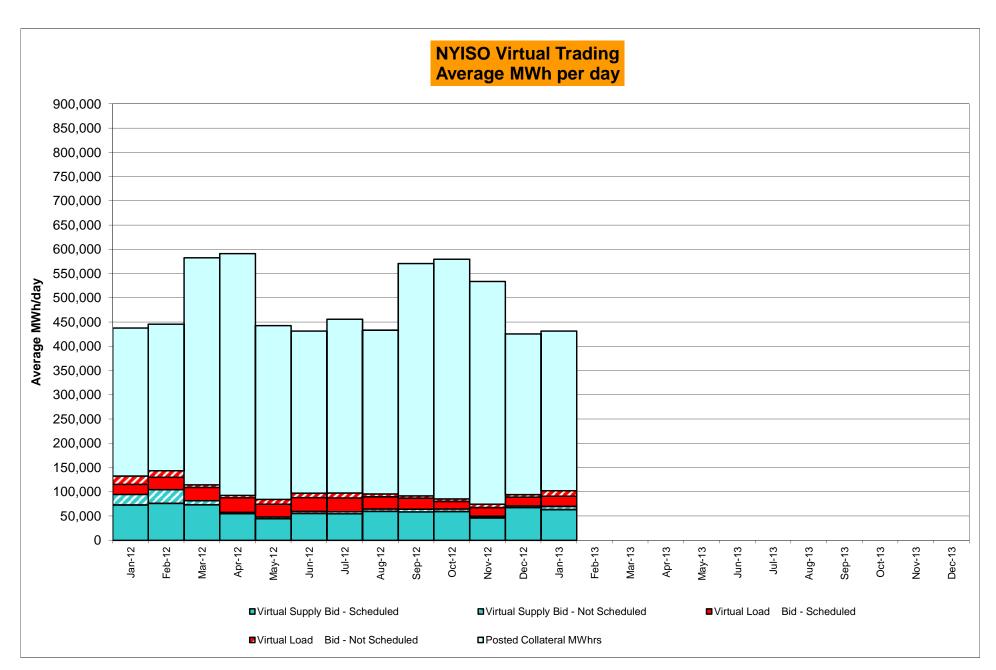
^{*} Calendar days from reservation date.

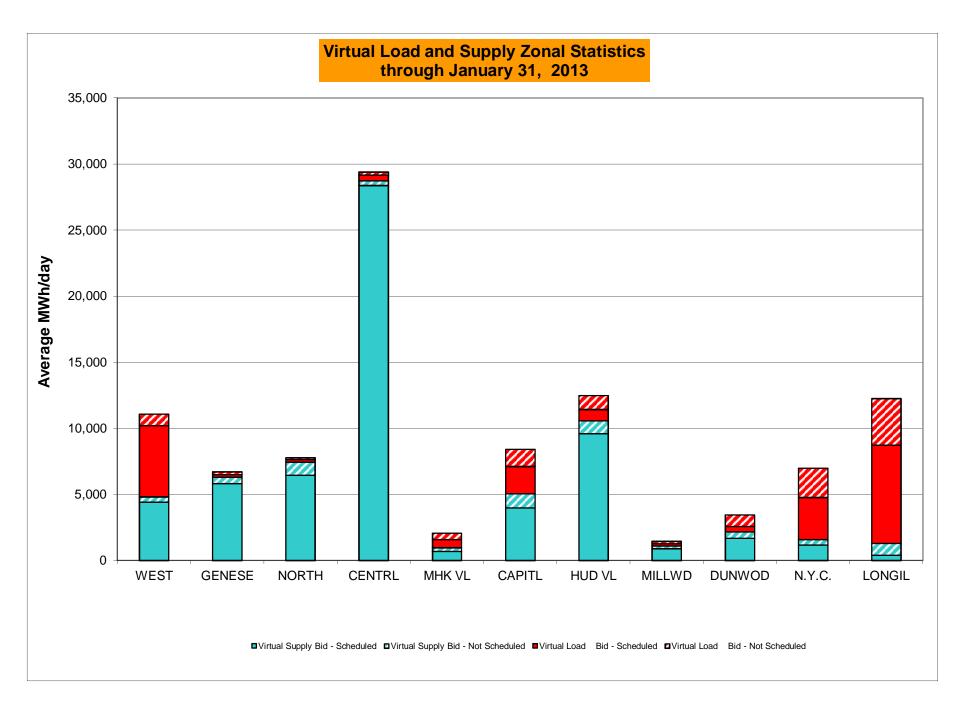
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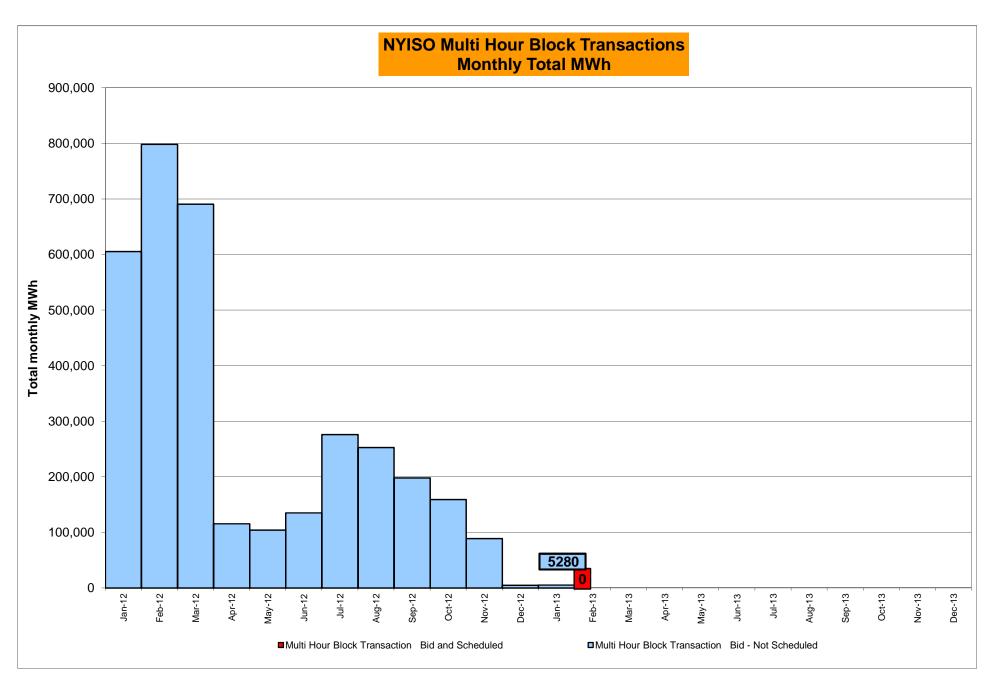


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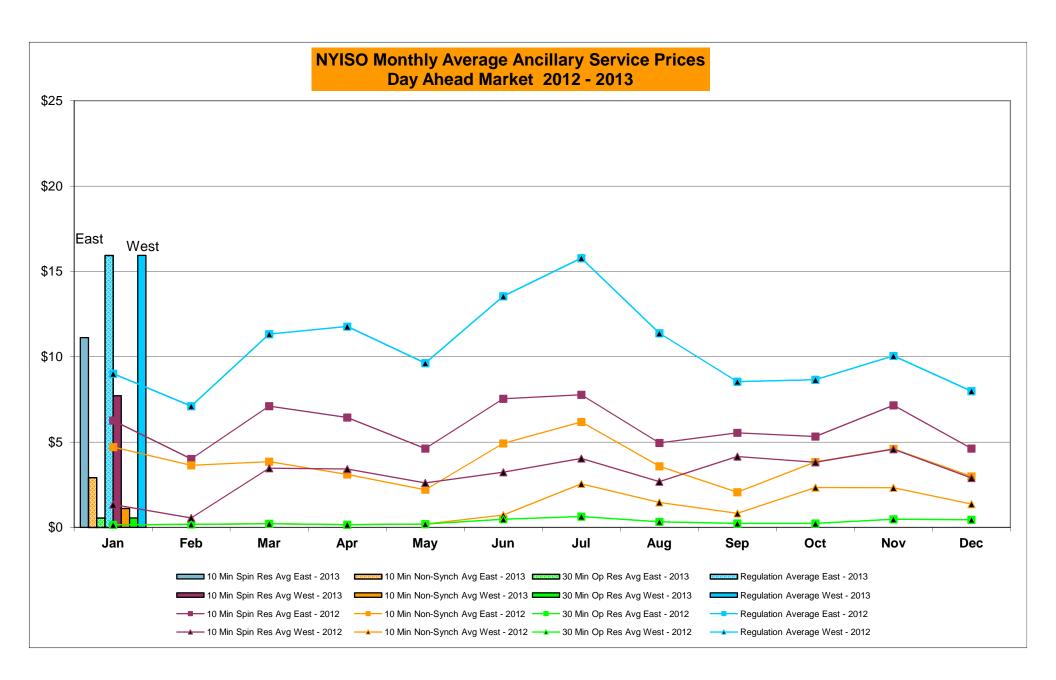


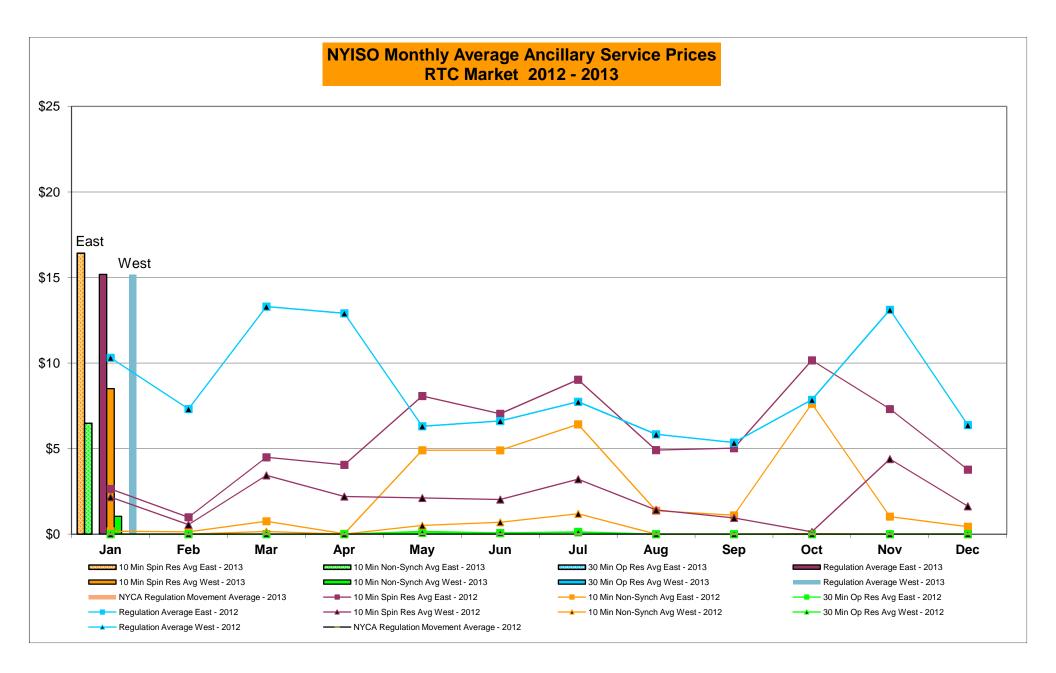


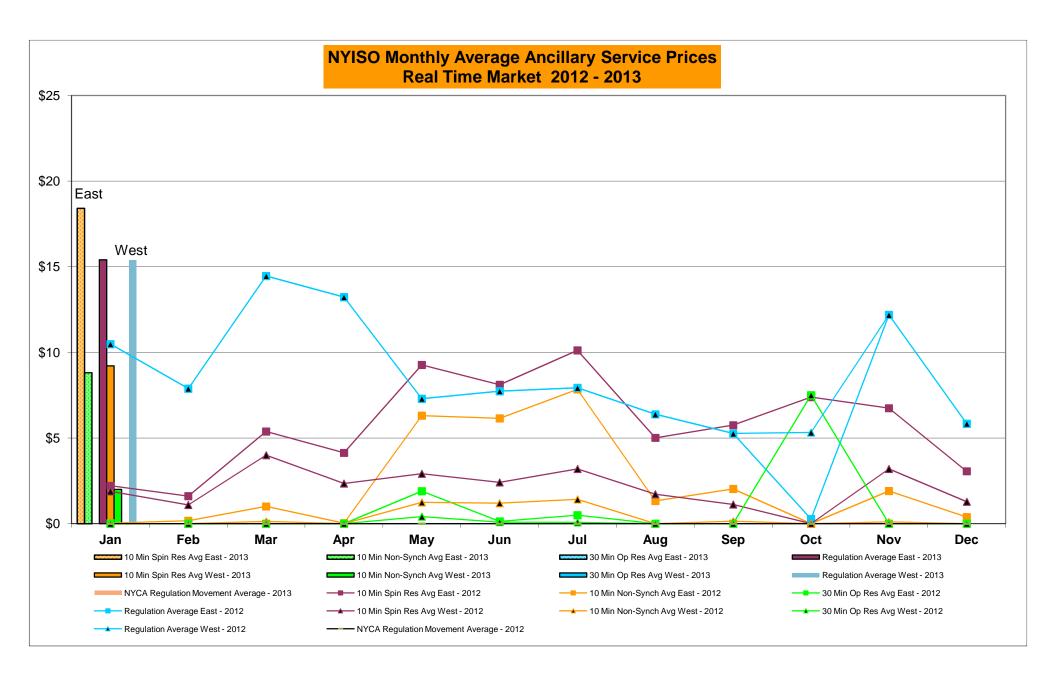
					<u>Virtual L</u>	_oad and	Supp	oly Zonal	Statistic	s (Avera	ge MWh/da	ıy) - 2013	<u> </u>				
		Virtual L	oad Bid	Virtual S	upply Bid			Virtual I	oad Bid	Virtual Su	pply Bid			Virtual I	Load Bid	Virtual Su	upply Bid
			Not		Not				Not		Not				Not		Not
Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled	Zone	Date	Scheduled	Scheduled	Scheduled	Scheduled
WEST	Jan-13	5,393	880	4,402	409	MHK VL	Jan-13	617	477	695	273	DUNWOD	Jan-13	410	859	1682	491
	Feb-13						Feb-13						Feb-13				
	Mar-13						Mar-13						Mar-13				
	Apr-13						Apr-13						Apr-13				
	May-13						May-13						May-13				
	Jun-13						Jun-13						Jun-13				
	Jul-13						Jul-13						Jul-13				
	Aug-13						Aug-13						Aug-13				
	Sep-13						Sep-13						Sep-13				
	Oct-13						Oct-13						Oct-13				
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				
GENESE	Jan-13	184	207	5,822	492	CAPITL	Jan-13	2,053	1,313	3,977	1,088	N.Y.C.	Jan-13	3192	2206	1171	414
GENESE	Feb-13	104	207	5,622	432	CAFIIL	Feb-13	2,055	1,313	3,911	1,000	N. 1 .C.	Feb-13		2200	11/1	414
	Mar-13						Mar-13						Mar-13				
	Apr-13						Apr-13						Apr-13				
	May-13						May-13						May-13				
	Jun-13						Jun-13						Jun-13				
	Jul-13						Jul-13						Jul-13				
	Aug-13						Aug-13						Aug-13				
	Sep-13						Sep-13						Sep-13				
	Oct-13						Oct-13						Oct-13				
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				
NORTH	Jan-13	206	115	6,458	997	HUD VL	Jan-13	849	1,042	9,608	971	LONGIL	Jan-13	7420	3530	419	882
	Feb-13						Feb-13						Feb-13				
	Mar-13						Mar-13						Mar-13				
	Apr-13						Apr-13						Apr-13				
	May-13						May-13						May-13 Jun-13				
	Jun-13 Jul-13						Jun-13 Jul-13						Jul-13				
	Aug-13						Aug-13						Aug-13				
	Sep-13						Sep-13						Sep-13				
	Oct-13						Oct-13						Oct-13				
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				
CENTRL	Jan-13	436	244	28,385	349	MILLWD	Jan-13	173	162	894	214	NYISO	Jan-13	20932	11035	63512	6579
	Feb-13						Feb-13						Feb-13				
	Mar-13						Mar-13						Mar-13				
	Apr-13						Apr-13						Apr-13				
	May-13						May-13						May-13				
	Jun-13						Jun-13						Jun-13				
	Jul-13						Jul-13						Jul-13				
	Aug-13						Aug-13						Aug-13		1		-
	Sep-13						Sep-13						Sep-13		1		1
	Oct-13						Oct-13						Oct-13				
	Nov-13						Nov-13	l .					Nov-13		1		



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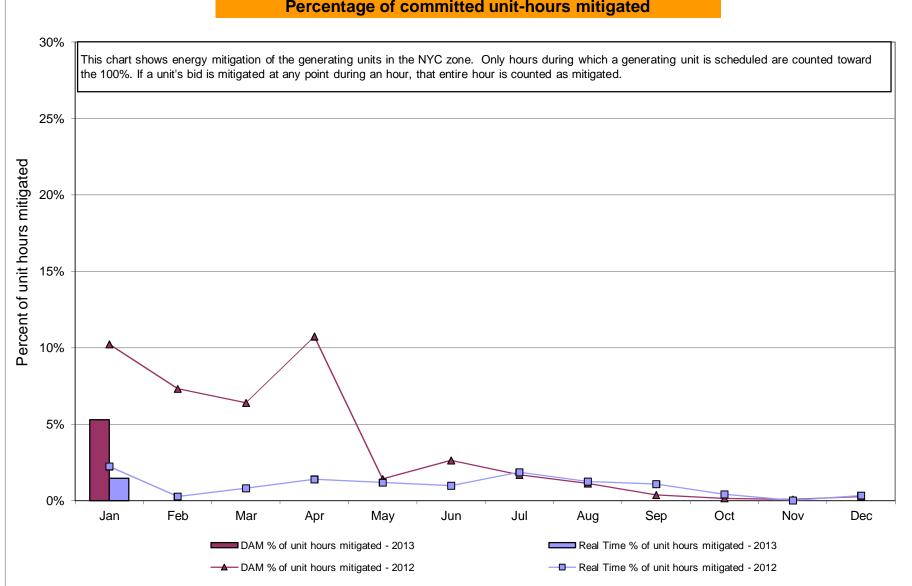


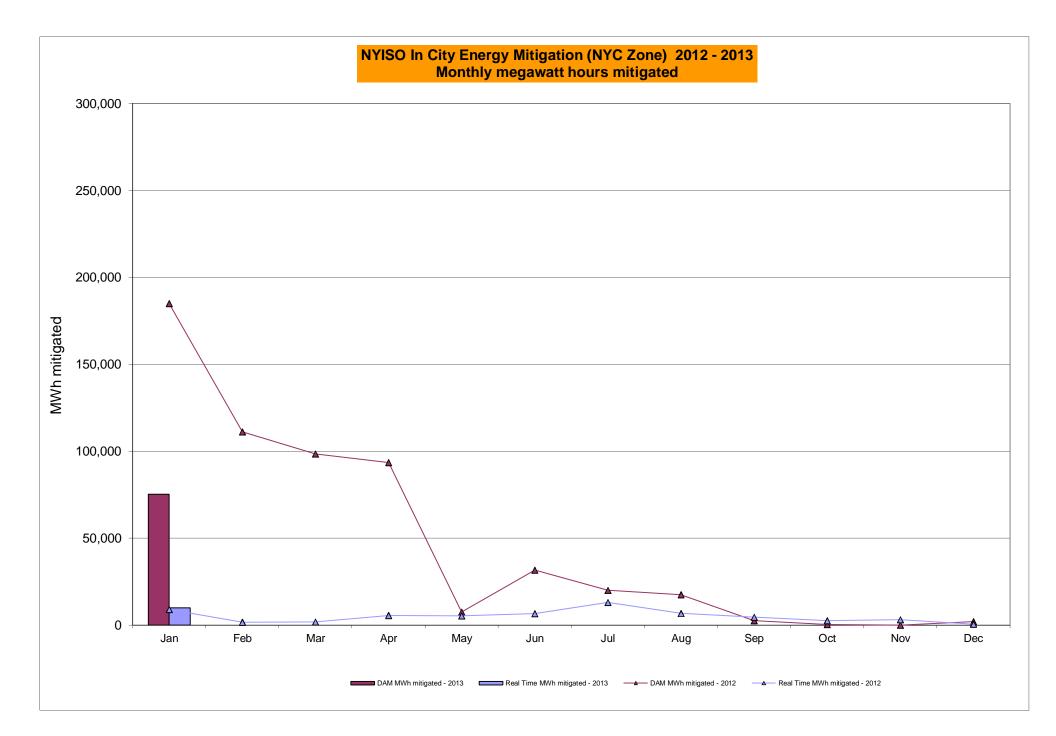


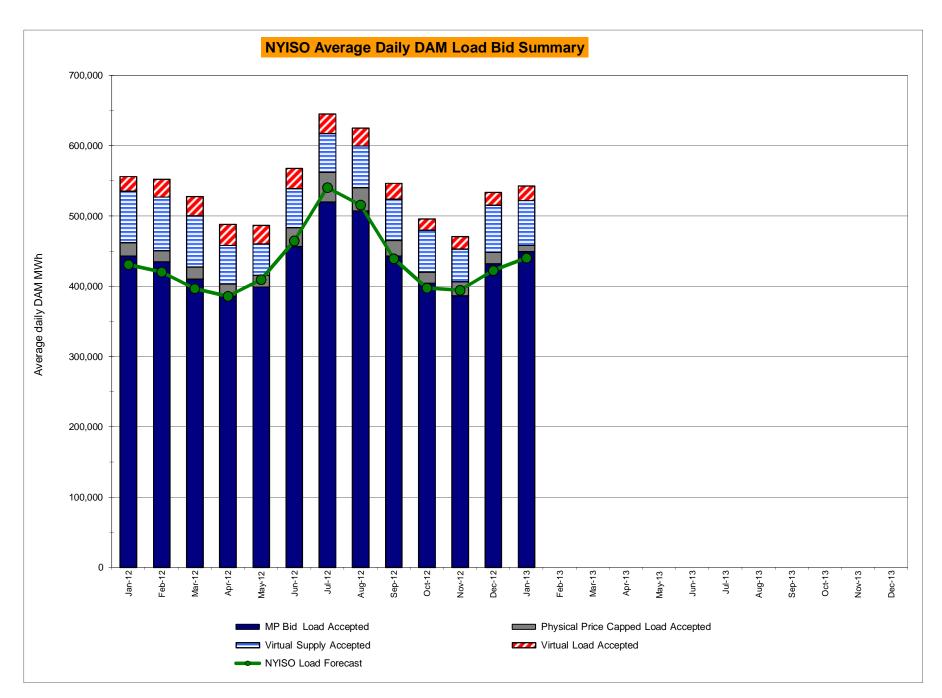
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

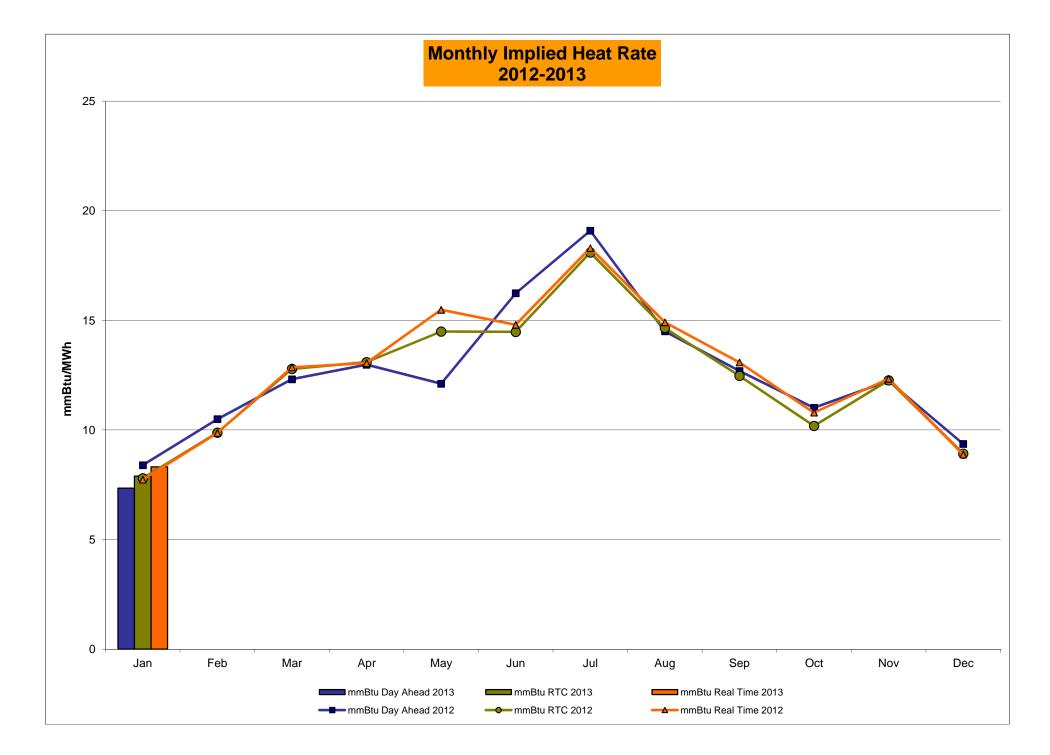
	·	TI IOO Mark		-		_	-	<i>)</i> / 141 4 4 1 1 <i>)</i>				
<u>2013</u>	<u>January</u>	February	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market												
10 Min Spin East	11.12											
10 Min Spin West	7.72											
10 Min Non Synch East	2.91											
10 Min Non Synch West	1.11											
30 Min East	0.56											
30 Min West	0.56											
Regulation East	15.94											
Regulation West	15.94											
RTC Market												
10 Min Spin East	16.42											
10 Min Spin West	8.50											
10 Min Non Synch East	6.48											
10 Min Non Synch West	1.04											
30 Min East	0.00											
30 Min West	0.00											
Regulation East	15.18											
Regulation West	15.18											
NYCA Regulation Movement	0.00											
Real Time Market												
10 Min Spin East	18.42											
•	9.22											
10 Min Spin West												
10 Min Non Synch East	8.81											
10 Min Non Synch West	2.00											
30 Min East	0.00											
30 Min West	0.00											
Regulation East	15.40											
Regulation West	15.40											
NYCA Regulation Movement	0.00											
· ·		Echruan/	March	April	Mov	luno	luke	August	Contombor	Octobor	November	Docombor
<u>2012</u>	January	<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
2012 Day Ahead Market	<u>January</u>											
2012 Day Ahead Market 10 Min Spin East	January 6.26	4.01	7.11	6.44	4.62	7.54	7.77	4.95	5.55	5.32	7.15	4.62
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West	<u>January</u> 6.26 1.34	4.01 0.56	7.11 3.46	6.44 3.43	4.62 2.61	7.54 3.23	7.77 4.04	4.95 2.68	5.55 4.16	5.32 3.82	7.15 4.58	4.62 2.90
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	<u>January</u> 6.26 1.34 4.71	4.01 0.56 3.64	7.11 3.46 3.85	6.44 3.43 3.11	4.62 2.61 2.21	7.54 3.23 4.92	7.77 4.04 6.18	4.95 2.68 3.58	5.55 4.16 2.07	5.32 3.82 3.84	7.15 4.58 4.60	4.62 2.90 2.99
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	<u>January</u> 6.26 1.34 4.71 0.15	4.01 0.56 3.64 0.18	7.11 3.46 3.85 0.22	6.44 3.43 3.11 0.16	4.62 2.61 2.21 0.20	7.54 3.23 4.92 0.72	7.77 4.04 6.18 2.55	4.95 2.68 3.58 1.47	5.55 4.16 2.07 0.82	5.32 3.82 3.84 2.34	7.15 4.58 4.60 2.32	4.62 2.90 2.99 1.37
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	6.26 1.34 4.71 0.15 0.15	4.01 0.56 3.64 0.18 0.18	7.11 3.46 3.85 0.22 0.22	6.44 3.43 3.11 0.16 0.16	4.62 2.61 2.21 0.20 0.20	7.54 3.23 4.92 0.72 0.48	7.77 4.04 6.18 2.55 0.64	4.95 2.68 3.58 1.47 0.33	5.55 4.16 2.07 0.82 0.23	5.32 3.82 3.84 2.34 0.23	7.15 4.58 4.60 2.32 0.48	4.62 2.90 2.99 1.37 0.45
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	<u>January</u> 6.26 1.34 4.71 0.15	4.01 0.56 3.64 0.18	7.11 3.46 3.85 0.22	6.44 3.43 3.11 0.16	4.62 2.61 2.21 0.20	7.54 3.23 4.92 0.72	7.77 4.04 6.18 2.55	4.95 2.68 3.58 1.47	5.55 4.16 2.07 0.82	5.32 3.82 3.84 2.34	7.15 4.58 4.60 2.32	4.62 2.90 2.99 1.37
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	6.26 1.34 4.71 0.15 0.15	4.01 0.56 3.64 0.18 0.18	7.11 3.46 3.85 0.22 0.22	6.44 3.43 3.11 0.16 0.16	4.62 2.61 2.21 0.20 0.20	7.54 3.23 4.92 0.72 0.48	7.77 4.04 6.18 2.55 0.64	4.95 2.68 3.58 1.47 0.33	5.55 4.16 2.07 0.82 0.23	5.32 3.82 3.84 2.34 0.23	7.15 4.58 4.60 2.32 0.48	4.62 2.90 2.99 1.37 0.45
2012 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	G.26 1.34 4.71 0.15 0.15 0.15	4.01 0.56 3.64 0.18 0.18 0.18	7.11 3.46 3.85 0.22 0.22 0.22	6.44 3.43 3.11 0.16 0.16 0.16	4.62 2.61 2.21 0.20 0.20 0.20	7.54 3.23 4.92 0.72 0.48 0.48	7.77 4.04 6.18 2.55 0.64 0.64	4.95 2.68 3.58 1.47 0.33 0.33	5.55 4.16 2.07 0.82 0.23 0.23	5.32 3.82 3.84 2.34 0.23 0.23	7.15 4.58 4.60 2.32 0.48 0.48	4.62 2.90 2.99 1.37 0.45 0.45
2012 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	G.26 1.34 4.71 0.15 0.15 0.15 9.01	4.01 0.56 3.64 0.18 0.18 0.18 7.11	7.11 3.46 3.85 0.22 0.22 0.22 11.33	6.44 3.43 3.11 0.16 0.16 0.16 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63	7.54 3.23 4.92 0.72 0.48 0.48 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78	4.95 2.68 3.58 1.47 0.33 0.33	5.55 4.16 2.07 0.82 0.23 0.23 8.54	5.32 3.82 3.84 2.34 0.23 0.23 8.65	7.15 4.58 4.60 2.32 0.48 0.48	4.62 2.90 2.99 1.37 0.45 0.45 7.99
2012 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	G.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01	4.01 0.56 3.64 0.18 0.18 7.11 7.11	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33	6.44 3.43 3.11 0.16 0.16 0.16 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99
2012 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	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99
2012 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 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin East 10 Min Spin West	January 6.26 1.34 4.71 0.15 0.15 9.01 9.01 2.64 2.16 0.17	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43
2012 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 East 10 Min Non Synch West	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00
2012 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 30 Min East	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43
2012 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 East 10 Min Non Synch West	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00
2012 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 30 Min East	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00	7.11 3.46 3.85 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00
2012 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 30 Min East 30 Min East	39.01 September 1.34 September 1.34 September 1.34 September 1.35	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00	6.44 3.43 3.11 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation East Regulation East Regulation East Regulation East Regulation West	3 January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 0.00 5.83	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38
2012 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 West 30 Min East 10 Min West Regulation West Regulation West 10 Regulation West 10 Min Non Synch East 10 Min West Regulation East Regulation West Regulation West NYCA Regulation Movement	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38
2012 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 30 Min East 30 Min West Regulation East Regulation Movement Real Time Market	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
2012 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 West Regulation East Regulation Movement Regulation West Regulation Movement Real Time Market 10 Min Spin East	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 13.30 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
2012 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 East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min East Regulation East Regulation East Regulation Movest Regulation East Regulation Movest Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 10.31 10.31 0.00 2.21 1.89	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
2012 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 West 30 Min East 30 Min East 30 Min West Regulation East Regulation Moven Regulation Host Regulation Moven Regulation West Regulation West Regulation West Regulation West Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin West	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 10.31 10.31 0.00 2.21 1.89 0.03	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00 9.27 2.92 6.31	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
2012 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 East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min East Regulation East Regulation East Regulation Movest Regulation East Regulation Movest Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 10.31 10.31 0.00 2.21 1.89	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 0.00 7.31 7.31 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34	4.62 2.61 2.21 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
2012 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 West 30 Min East 30 Min East 30 Min West Regulation East Regulation Moven Regulation Host Regulation Moven Regulation West Regulation West Regulation West Regulation West Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin East 10 Min Spin West	January 6.26 1.34 4.71 0.15 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00 2.21 1.89 0.03 0.00 0.00 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00 9.27 2.92 6.31	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
2012 Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation West Regulation West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation Mest Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Spin West	January 6.26 1.34 4.71 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 10.31 10.31 0.00 2.21 1.89 0.03 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01 0.13	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03 0.00	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00 9.27 2.92 6.31 1.24	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15 1.20	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00 10.12 3.20 7.84 1.42	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 11.38 4.91 1.41 1.36 0.00 0.00 0.00 5.83 5.83 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00 5.75 1.13 2.03 0.14	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91 0.10	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 0.00 6.38 6.38 0.00
2012 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 West 30 Min East 30 Min West Regulation West 10 Min Non Synch West 10 Min Non Synch West 30 Min East 10 Min West Regulation West Regulation West Regulation West NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin West 10 Min Spin West 10 Min Spin Cast 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East	January 6.26 1.34 4.71 0.15 0.15 0.15 0.15 9.01 9.01 2.64 2.16 0.17 0.00 0.00 0.00 10.31 10.31 0.00 2.21 1.89 0.03 0.00 0.00 0.00	4.01 0.56 3.64 0.18 0.18 0.18 7.11 7.11 0.99 0.55 0.13 0.00 0.00 7.31 7.31 0.00 1.61 1.09 0.17 0.00 0.00	7.11 3.46 3.85 0.22 0.22 0.22 11.33 11.33 11.33 4.49 3.43 0.75 0.15 0.00 0.00 13.30 13.30 0.00 5.38 4.00 1.01 0.13 0.00	6.44 3.43 3.11 0.16 0.16 0.16 11.77 11.77 4.05 2.20 0.02 0.00 0.00 0.00 12.91 12.91 0.00 4.14 2.34 0.03 0.00 0.00 0.00	4.62 2.61 2.21 0.20 0.20 0.20 9.63 9.63 8.07 2.11 4.90 0.50 0.16 0.07 6.31 6.31 0.00 9.27 2.92 6.31 1.24 1.90	7.54 3.23 4.92 0.72 0.48 0.48 13.55 13.55 7.03 2.02 4.90 0.69 0.07 0.07 6.61 6.61 0.00 8.11 2.41 6.15 1.20 0.13	7.77 4.04 6.18 2.55 0.64 0.64 15.78 15.78 15.78 9.02 3.21 6.42 1.19 0.13 0.10 7.74 7.74 0.00 10.12 3.20 7.84 1.42 0.49	4.95 2.68 3.58 1.47 0.33 0.33 11.38 11.38 4.91 1.41 1.36 0.00 0.00 5.83 5.83 0.00 5.01 1.72 1.33 0.00 0.00	5.55 4.16 2.07 0.82 0.23 0.23 8.54 8.54 5.02 0.95 1.10 0.00 0.00 0.00 5.35 5.35 0.00 5.75 1.13 2.03 0.14 0.00	5.32 3.82 3.84 2.34 0.23 0.23 8.65 8.65 10.16 0.13 7.62 0.03 0.00 0.00 7.85 7.85 0.00	7.15 4.58 4.60 2.32 0.48 0.48 10.05 10.05 7.31 4.39 1.02 0.00 0.00 0.00 13.11 13.11 0.00 6.74 3.19 1.91 0.10 0.00	4.62 2.90 2.99 1.37 0.45 0.45 7.99 7.99 3.77 1.63 0.43 0.00 0.00 6.38 6.38 0.00



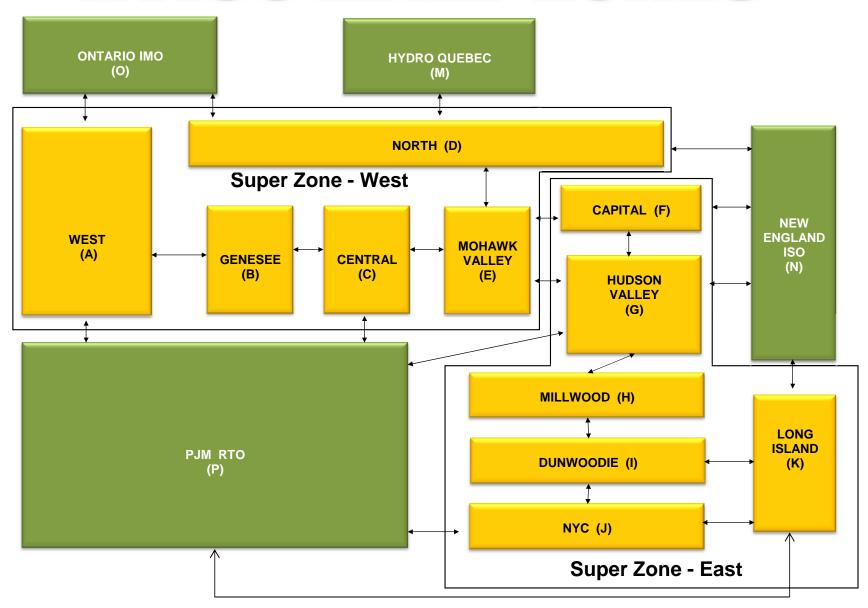








NYISO LBMP ZONES



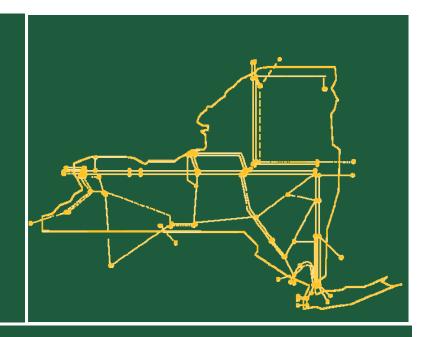
Billing Codes for Chart 4-C

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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