

Market Operations Report

Rana Mukerji

Senior Vice President, Market Structures
New York Independent System Operator

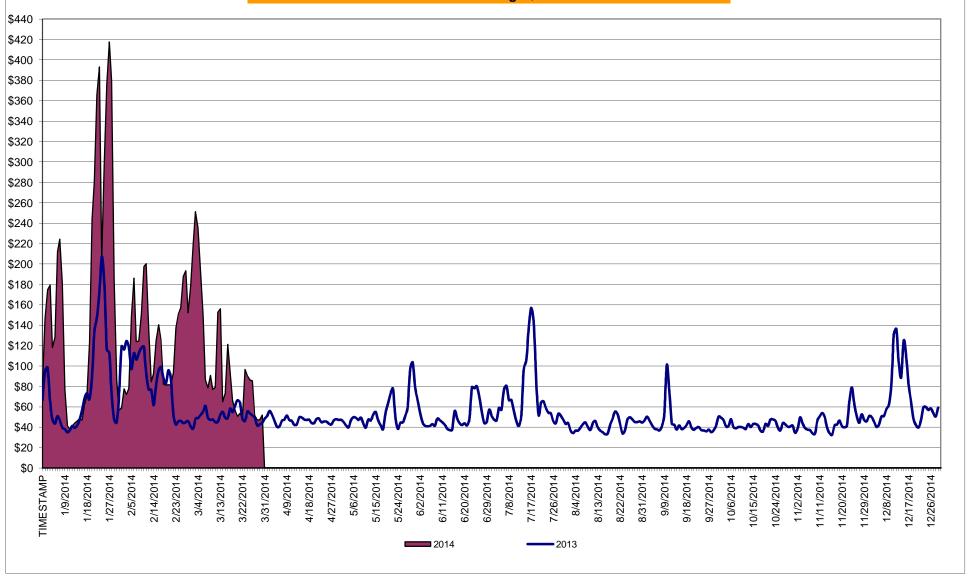
Business Issues Committee Meeting *April 16, 2014*

Market Performance Highlights for March 2014

- LBMP for March is \$109.57/MWh; 11% lower than \$123.16/MWh in February 2014 and 124% higher than \$48.94/MWh in March 2013.
 - Day Ahead and Real Time Load Weighted LBMPs are lower compared to February.
- March 2014 average year-to-date monthly cost of \$142.40/MWh is a 92% increase from \$74.02/MWh in March 2013.
- Average daily sendout is 440 GWh/day in March; lower than 460 GWh/day in February 2014 and higher than 429 GWh/day in March 2013.
- Natural gas and distillate prices were lower compared to the previous month.
 - Natural Gas (Transco Z6 NY) was \$7.84/MMBtu, down 33% from \$11.64/MMBtu in February.
 - Jet Kerosene Gulf Coast was \$21.45/MMBtu, down from \$21.96/MMBtu in February.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$21.44/MMBtu, down from \$23.10/MMBtu in February.
- Uplift per MWh is higher compared to the previous month.
 - Uplift (not including NYISO cost of operations) is \$0.26/MWh; higher than \$0.25/MWh in February.
 - The Local Reliability Share is \$0.64/MWh, lower than \$0.73 in February.
 - The Statewide Share is (\$0.38)/MWh, higher than (\$0.49)/MWh in February.
 - TSA \$ per NYC MWh is \$0.00/MWh.
- Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than February.

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

2013 Annual Average \$59.13/MWh March 2013 YTD Average \$74.02/MWh March 2014 YTD Average \$142.40/MWh

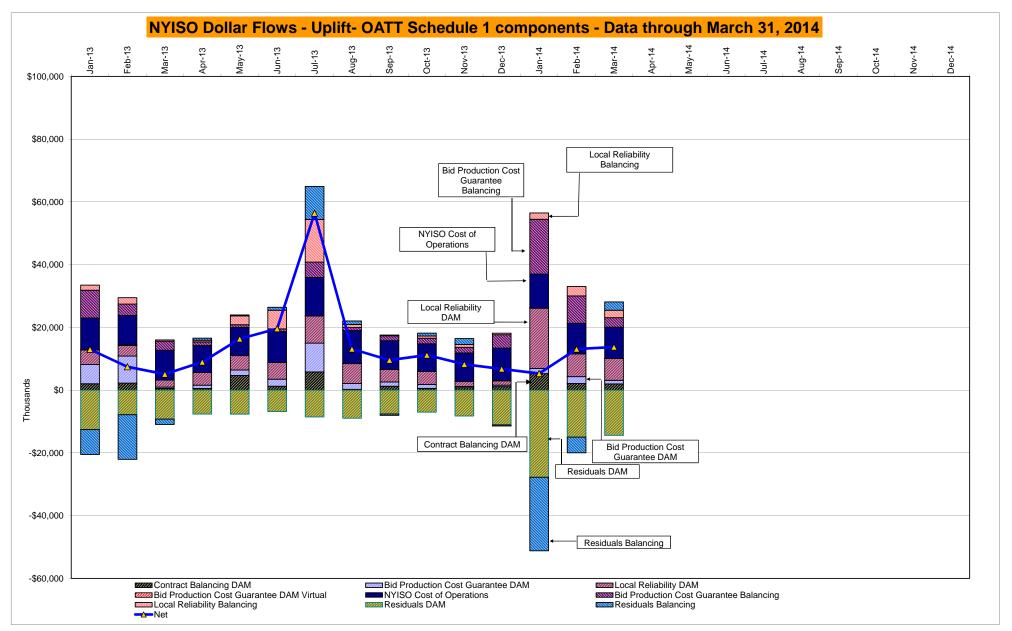


^{*} Excludes ICAP payments.

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

2014	January	February	March	April	May	June	<u>July</u>	August	September	October	November	December
LBMP	<u>January</u> 183.25	123.16	109.57	<u>Aprii</u>	iviay	June	<u>July</u>	August	September	October	November	December
NTAC	0.56	0.64	0.39									
Reserve	0.78	0.49	0.56									
Regulation	0.27	0.21	0.22									
NYISO Cost of Operations	0.69	0.69	0.69									
Uplift	(0.36)	0.25	0.26									
Uplift: Local Reliability Share	1.38	0.73	0.64									
Uplift: Statewide Share	(1.73)	(0.49)	(0.38)									
Voltage Support and Black Start _	0.36	0.36	0.36									
Avg Monthly Cost	185.55	125.81	112.06									
Avg YTD Cost	185.55	157.40	142.40									
TSA \$ per NYC MWh	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	66.39
NTAC	0.79	0.83	0.76	0.90	0.85	0.86	0.66	0.28	0.57	0.87	1.08	0.59
Reserve	0.38	0.44	0.43	0.36	0.49	0.34	0.50	0.32	0.38	0.42	0.38	0.44
Regulation	0.13	0.13	0.10	0.11	0.09	0.13	0.11	0.13	0.13	0.16	0.13	0.12
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
Uplift	0.21	(0.15)	(0.33)	0.03	0.41	0.49	2.06	0.03	(0.04)	0.19	(0.07)	(0.25)
Uplift: Local Reliability Share	0.44	0.13)	0.19	0.02	0.58	0.43	1.27	0.03	0.31	0.13	0.19	0.12
Uplift: Statewide Share	(0.23)	(0.55)	(0.52)	(0.35)	(0.17)	(0.31)	0.79	(0.46)	(0.36)	(0.19)	(0.25)	(0.37)
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.73	0.36	0.36	0.36	0.36	0.36
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Avg Monthly Cost	82.34	88.06	50.96	46.91	55.10	53.05	72.87	42.62	46.32	42.54	45.88	68.34
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	<u>February</u>	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
LBMP	44.00	32.45	28.98	28.31	34.68	47.37	63.80	46.24	39.59	39.30	50.16	44.67
NTAC	0.85	0.80	0.68	0.71	0.72	0.77	0.58	0.65	0.57	0.70	0.75	0.83
Reserve	0.35	0.25	0.38	0.32	0.13	0.36	0.36	0.22	0.23	0.29	0.40	0.26
Regulation	0.10	0.08	0.13	0.12	0.09	0.15	0.15	0.12	0.09	0.10	0.11	0.09
NYISO Cost of Operations	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Uplift	0.44	0.17	0.00	(0.18)	(0.11)	0.61	0.23	0.22	(0.33)	1.04	0.82	(0.11)
Uplift: Local Reliability Share	0.49	0.27	0.19	0.07	0.25	0.42	0.49	0.83	0.26	0.67	0.72	0.30
Uplift: Statewide Share	(0.05)	(0.10)	(0.19)	(0.25)	(0.36)	0.19	(0.26)	(0.61)	(0.59)	0.38	0.11	(0.41)
Voltage Support and Black Start	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Avg Monthly Cost	46.75	34.75	31.19	30.29	36.52	50.27	66.14	48.46	41.17	42.44	53.26	46.74
	+0.73		31.13	30.23	JU.JZ	JU.Z1	00.14	40.40	71.17	74.44	55.20	40.74
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 * Excludes ICAP payments	0.00	0.00	0.00	0.00	1.52	0.45	0.85	0.46	0.59	0.00 Data re	0.00	0.00 u Nov 2013.

* Excludes ICAP payments. Market Mitigation and Analysis Prepared: 4/4/2014 9:53 AM



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

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

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

NYISO Markets Transactions

<u>2014</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November	<u>December</u>
Day Ahead Market MWh	16,034,264	14,409,515	14,633,570									
DAM LSE Internal LBMP Energy Sales	52%	50%	53%									
DAM External TC LBMP Energy Sales	5%	7%	6%									
DAM Bilateral - Internal Bilaterals	36%	36%	35%									
DAM Bilateral - Importl/Non-LBMP Market Bilaterals	5%	5%	5%									
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	1%									
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%									
Balancing Energy Market MWh	-240,397	-285,718	-113,985									
Balancing Energy LSE Internal LBMP Energy Sales	-237%	-208%	-298%									
Balancing Energy External TC LBMP Energy Sales	109%	80%	99%									
Balancing Energy Bilateral - Internal Bilaterals	21%	28%	70%									
Balancing Energy Bilateral - Importl/Non-LBMP Market Bilaterals	0%	0%	13%									
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	11%	6%	26%									
Balancing Energy Bilateral - Wheel Through Bilaterals	-5%	-6%	-11%									
Transactions Summary												
LBMP	56%	56%	57%									
Internal Bilaterals	37%	37%	36%									
Import Bilaterals	5%	5%	5%									
Export Bilaterals	2%	1%	2%									
Wheels Through	1%	1%	1%									
Market Share of Total Load												
Day Ahead Market	101.5%	102.0%	100.8%									
Balancing Energy +	-1.5%	-2.0%	-0.8%									
Total MWH	15,793,868		14,519,586									
Average Daily Energy Sendout/Month GWh	475	460	440									
- Andreage Daily Energy Condournment Civil												
2013	January	February	March	April	Mav	June	Julv	August	September	October	November	December
2013 Day Ahead Market MWh		February		<u>April</u>	May	<u>June</u>	<u>July</u> 17 974 314	August	September	October	November	
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	14,021,472	13,411,499	13,692,854	15,406,816
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales	15,140,096 56%	14,116,189 55%	14,250,091 56%	12,963,905 57%	13,451,310 56%	14,872,971 57%	17,974,314 59%	16,090,437 57%	14,021,472 55%	13,411,499 51%	13,692,854 52%	15,406,816 52%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales	15,140,096 56% 4%	14,116,189 55% 6%	14,250,091 56% 3%	12,963,905 57% 3%	13,451,310 56% 1%	14,872,971 57% 1%	17,974,314 59% 1%	16,090,437 57% 0%	14,021,472 55% 0%	13,411,499 51% 0%	13,692,854 52% 3%	15,406,816 52% 6%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals	15,140,096 56% 4% 38%	14,116,189 55% 6% 37%	14,250,091 56% 3% 38%	12,963,905 57% 3% 37%	13,451,310 56% 1% 37%	14,872,971 57% 1% 36%	17,974,314 59% 1% 33%	16,090,437 57% 0% 36%	14,021,472 55% 0% 38%	13,411,499 51% 0% 41%	13,692,854 52% 3% 40%	15,406,816 52% 6% 36%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals	15,140,096 56% 4% 38% 0%	14,116,189 55% 6% 37% 0%	14,250,091 56% 3% 38% 0%	12,963,905 57% 3% 37% 0%	13,451,310 56% 1% 37% 3%	14,872,971 57% 1% 36% 4%	17,974,314 59% 1% 33% 5%	16,090,437 57% 0% 36% 5%	14,021,472 55% 0% 38% 4%	13,411,499 51% 0% 41% 5%	13,692,854 52% 3% 40% 4%	15,406,816 52% 6% 36% 4%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals	15,140,096 56% 4% 38% 0% 1%	14,116,189 55% 6% 37% 0% 1%	14,250,091 56% 3% 38% 0% 1%	12,963,905 57% 3% 37% 0% 1%	13,451,310 56% 1% 37% 3% 1%	14,872,971 57% 1% 36% 4% 1%	17,974,314 59% 1% 33% 5% 1%	16,090,437 57% 0% 36% 5% 1%	14,021,472 55% 0% 38% 4% 1%	13,411,499 51% 0% 41% 5% 1%	13,692,854 52% 3% 40% 4% 2%	15,406,816 52% 6% 36% 4% 1%
Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals	15,140,096 56% 4% 38% 0% 1%	14,116,189 55% 6% 37% 0% 1% 1%	14,250,091 56% 3% 38% 0% 1% 1%	12,963,905 57% 3% 37% 0% 1% 1%	13,451,310 56% 1% 37% 3% 1% 1%	14,872,971 57% 1% 36% 4% 1%	17,974,314 59% 1% 33% 5% 1%	16,090,437 57% 0% 36% 5% 1%	14,021,472 55% 0% 38% 4% 1% 1%	13,411,499 51% 0% 41% 5% 1% 1%	13,692,854 52% 3% 40% 4% 2% 1%	15,406,816 52% 6% 36% 4% 1% 1%
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Day Ahead Market MWh DAM LSE Internal LBMP Energy Sales DAM External TC LBMP Energy Sales DAM Bilateral - Internal Bilaterals DAM Bilateral - Importl/Non-LBMP Market Bilaterals DAM Bilateral - Export/Non-LBMP Market Bilaterals DAM Bilateral - Wheel Through Bilaterals Balancing Energy Market MWh Balancing Energy LSE Internal LBMP Energy Sales	15,140,096 56% 4% 38% 0% 1% 1% -471,167 -131%	14,116,189 55% 6% 37% 0% 1% 1% -648,574 -117%	14,250,091 56% 3% 38% 0% 1% 1% -501,253 -127%	12,963,905 57% 3% 37% 0% 1% 1% -525,278 -123%	13,451,310 56% 1% 37% 3% 1% 1% -501,948 -133%	14,872,971 57% 1% 36% 4% 1% -669,315 -115%	17,974,314 59% 1% 33% 5% 1% 1% -294,946 -189%	16,090,437 57% 0% 36% 5% 1% 1% -915,232 -113%	14,021,472 55% 0% 38% 4% 1% 1% -759,051 -120%	13,411,499 51% 0% 41% 5% 1% 1% -694,291 -122%	13,692,854 52% 3% 40% 4% 2% 1% -579,298 -134%	15,406,816 52% 6% 36% 4% 1% 1% -528,397 -131%
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⁺ Balancing Energy: Load(MW) purchased at Real Time LBMP.

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

Virtual Transactions are not reflected in this chart.

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

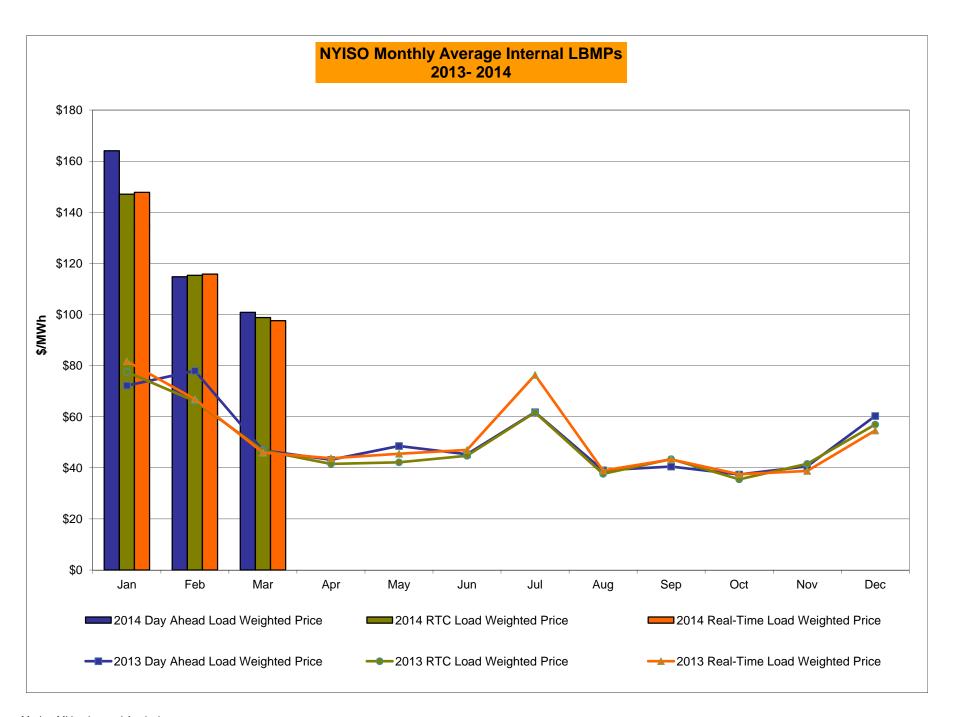
NYISO Markets 2014 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August Septe	<u>mber</u>	October	November	<u>December</u>
DAY AHEAD LBMP	_	-			-							
Price *	\$155.11	\$110.69	\$97.07									
Standard Deviation	\$121.52	\$50.86	\$59.89									
Load Weighted Price **	\$164.06	\$114.77	\$100.81									
RTC LBMP												
Price *	\$138.41	\$110.71	\$94.71									
Standard Deviation	\$125.42	\$72.22	\$97.72									
Load Weighted Price **	\$147.06	\$115.31	\$98.80									
REAL TIME LBMP												
Price *	\$137.90	\$111.51	\$93.37									
Standard Deviation	\$122.32	\$70.35	\$89.05									
Load Weighted Price **	\$147.77	\$115.80	\$97.58									
Average Daily Energy Sendout/Month GWh	475	460	440									

NYISO Markets 2013 Energy Statistics

DAY 41154D D45	<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 I	<u>December</u>
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>Average zonal load weighted prices.
Average zonal load weighted prices, load weighted in each hour.</sup>

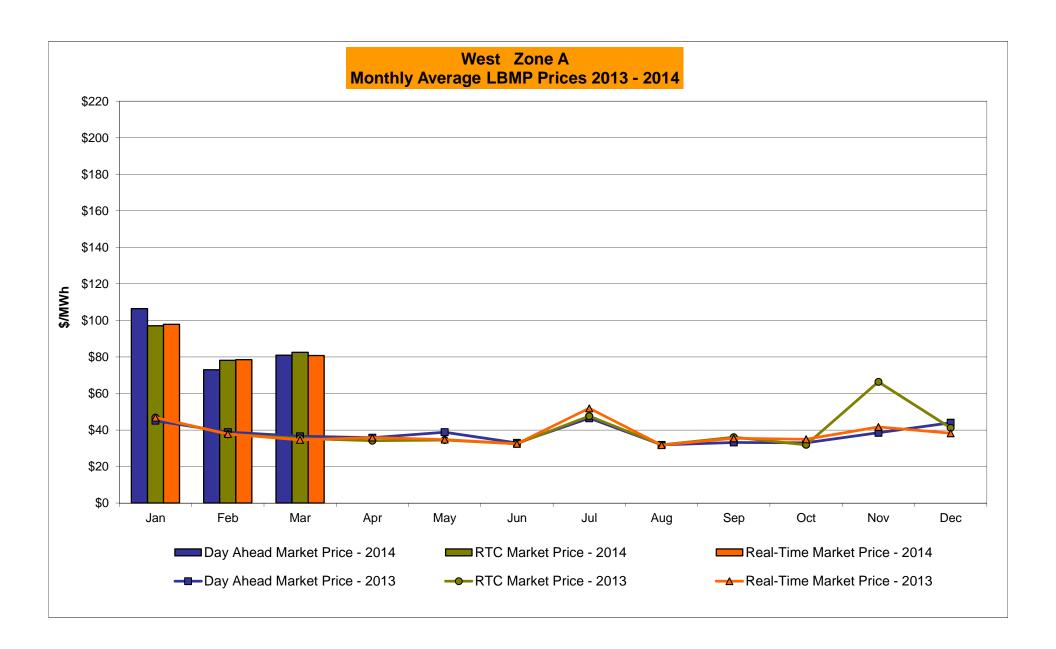


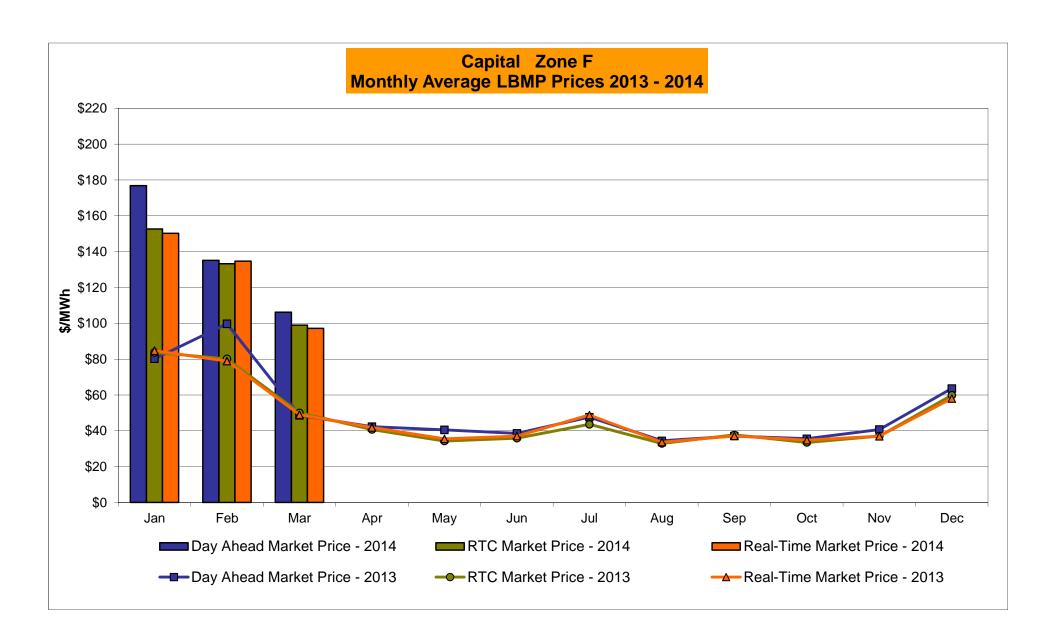
March 2014 Zonal LBMP Statistics for NYISO (\$/MWh)

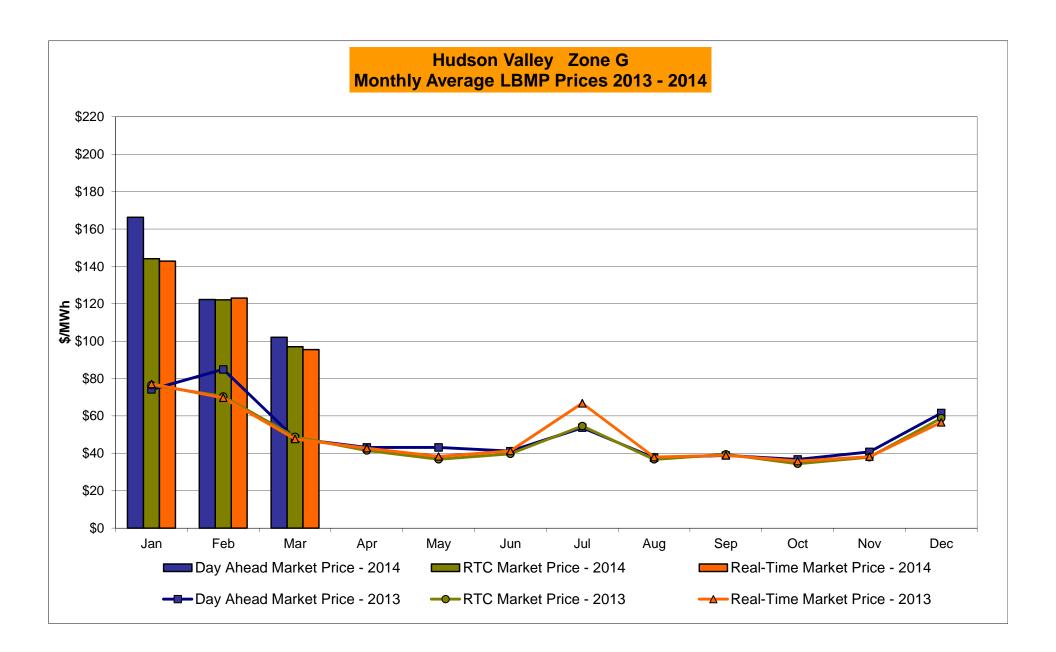
	WEST Zone A	GENESEE Zone B	NORTH Zone D	CENTRAL Zone C	MOHAWK VALLEY <u>Zone E</u>	CAPITAL Zone F	HUDSON VALLEY <u>Zone G</u>	MILLWOOD Zone H	DUNWOODIE Zone I	NEW YORK CITY Zone J	LONG ISLAND <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	80.97	82.58	82.86	85.79	89.37	106.16	102.07	102.67	102.30	102.52	108.43
Standard Deviation	56.28	57.97	62.36	59.64	62.67	64.37	61.94	62.09	61.69	60.88	63.08
RTC LBMP											
Unweighted Price *	82.50	84.62	86.00	87.03	90.75	98.98	97.02	97.34	96.95	99.16	103.08
Standard Deviation	93.98	96.32	100.44	97.95	103.00	103.32	100.89	100.77	99.96	98.28	97.91
REAL TIME LBMP											
Unweighted Price *	80.74	83.43	85.08	85.86	89.53	97.18	95.46	95.77	95.40	98.07	102.79
Standard Deviation	83.97	87.36	91.33	88.72	93.24	93.38	91.54	91.44	90.75	91.42	90.59
		HYDRO	HYDRO			CROSS					
	ONTARIO	HYDRO QUEBEC	HYDRO QUEBEC		NEW		NORTHPORT-				
	ONTARIO IESO	QUEBEC		РЈМ	NEW ENGLAND		NORTHPORT- NORWALK	NEPTUNE	LINDEN VFT	HUDSON	Dennison
	-	QUEBEC	QUEBEC	РЈМ		SOUND		NEPTUNE Controllable	LINDEN VFT	HUDSON Controllable	Dennison Controllable
	-	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	Controllable	Controllable	Controllable
DAY AHEAD LBMP Unweighted Price *	Zone O 79.55	QUEBEC (Wheel) Zone M 83.00	QUEBEC (Import/Export) Zone M 82.98	Zone P 91.38	ENGLAND Zone N 113.67	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 106.30	Controllable Line 80.56	Controllable Line 103.13	Controllable Line 82.51
	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 79.55	QUEBEC (Wheel) Zone M 83.00	QUEBEC (Import/Export) Zone M 82.98	Zone P 91.38	ENGLAND Zone N 113.67	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 106.30	Controllable Line 80.56	Controllable Line 103.13	Controllable Line 82.51
Unweighted Price * Standard Deviation	Zone O 79.55	QUEBEC (Wheel) Zone M 83.00	QUEBEC (Import/Export) Zone M 82.98	Zone P 91.38	ENGLAND Zone N 113.67	SOUND CABLE Controllable Line	NORWALK Controllable Line	Controllable Line 106.30	Controllable Line 80.56	Controllable Line 103.13	Controllable Line 82.51
Unweighted Price * Standard Deviation RTC LBMP	Zone O 79.55 55.39	QUEBEC (Wheel) Zone M 83.00 62.72	QUEBEC (Import/Export) Zone M 82.98 62.70	Zone P 91.38 57.11	Zone N 113.67 63.51	SOUND CABLE Controllable Line 108.20 62.86	NORWALK Controllable Line 108.46 61.38	Controllable Line 106.30 61.95	Controllable Line 80.56 45.26	Controllable Line 103.13 62.25	Controllable Line 82.51 64.41
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price *	Zone O 79.55 55.39	QUEBEC (Wheel) Zone M 83.00 62.72 77.36	QUEBEC (Import/Export) Zone M 82.98 62.70 77.07	Zone P 91.38 57.11 81.15	Zone N 113.67 63.51	SOUND CABLE Controllable Line 108.20 62.86	NORWALK Controllable Line 108.46 61.38	Controllable Line 106.30 61.95	80.56 45.26	Controllable Line 103.13 62.25	82.51 64.41
Unweighted Price * Standard Deviation RTC LBMP Unweighted Price * Standard Deviation	Zone O 79.55 55.39	QUEBEC (Wheel) Zone M 83.00 62.72 77.36	QUEBEC (Import/Export) Zone M 82.98 62.70 77.07	Zone P 91.38 57.11 81.15	Zone N 113.67 63.51	SOUND CABLE Controllable Line 108.20 62.86	NORWALK Controllable Line 108.46 61.38	Controllable Line 106.30 61.95	80.56 45.26	Controllable Line 103.13 62.25	82.51 64.41

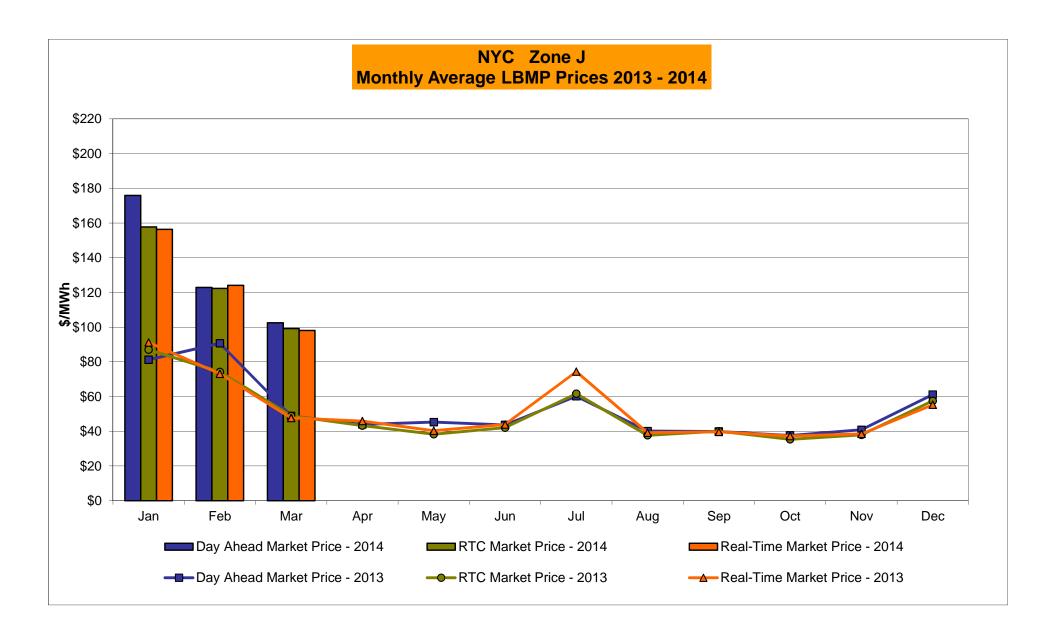
Market Mitigation and Analysis Prepared: 4/8/2014 7:41 AM

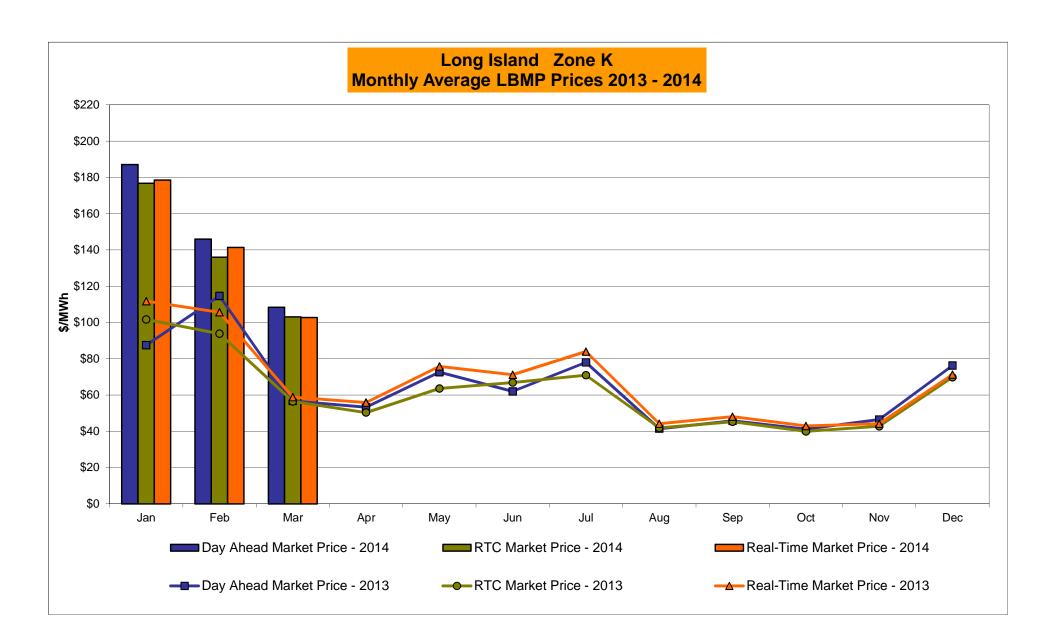
^{*} Straight LBMP averages

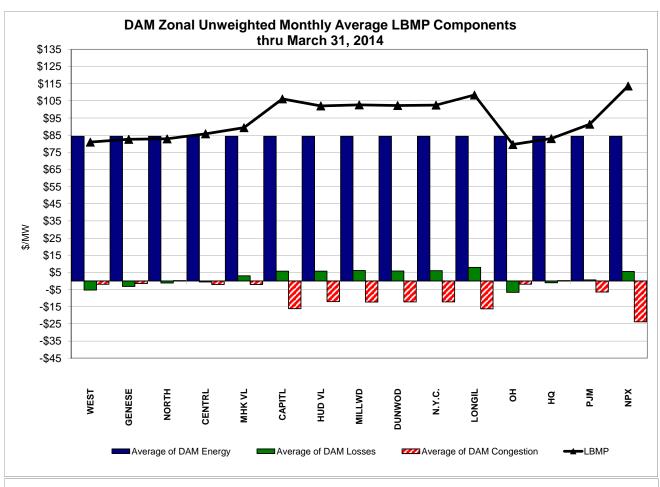


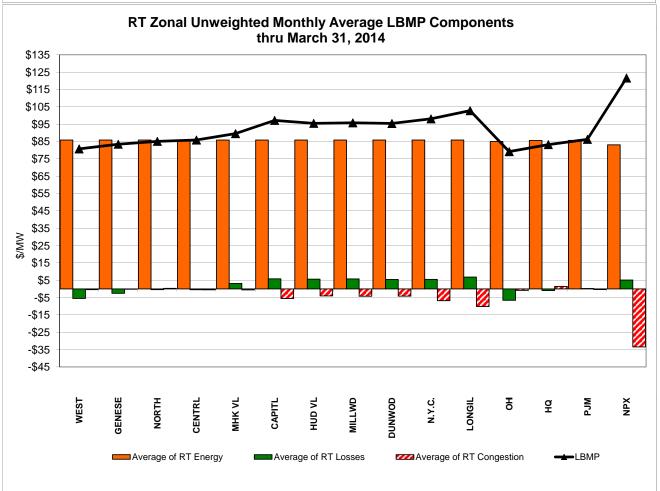




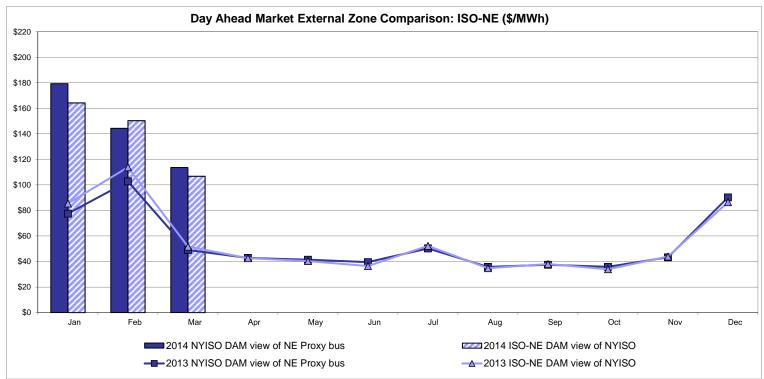


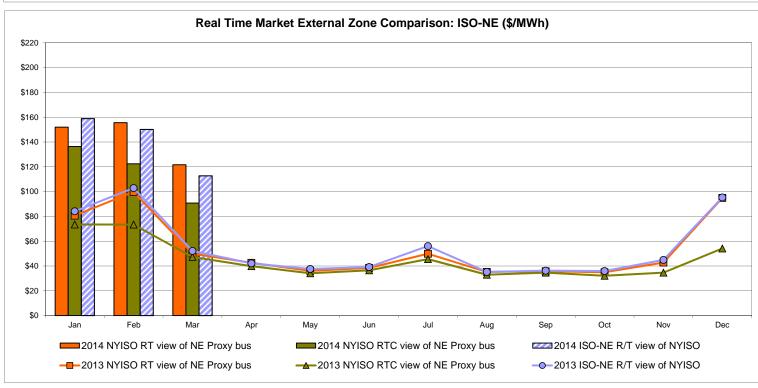




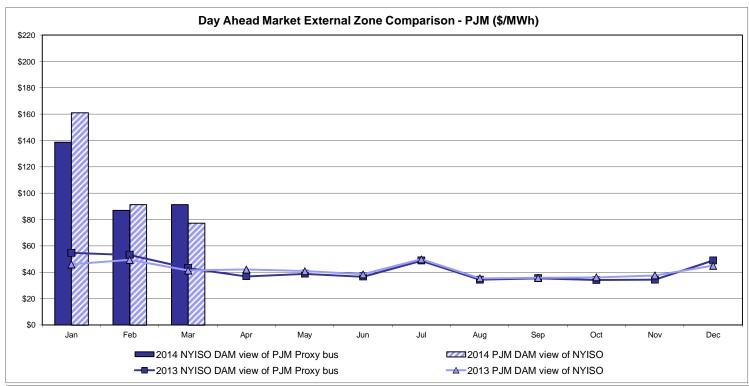


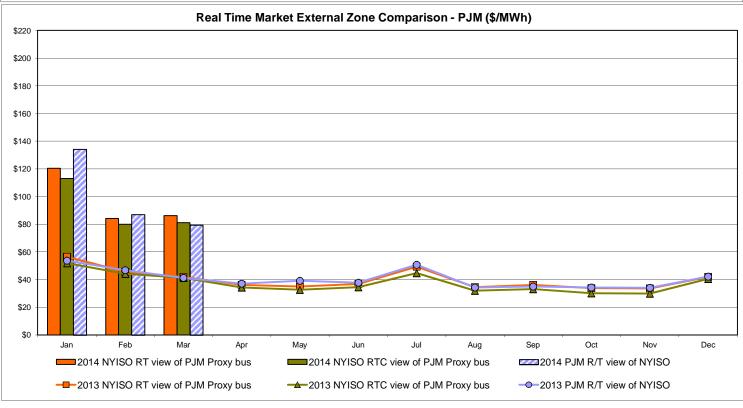
External Comparison ISO-New England



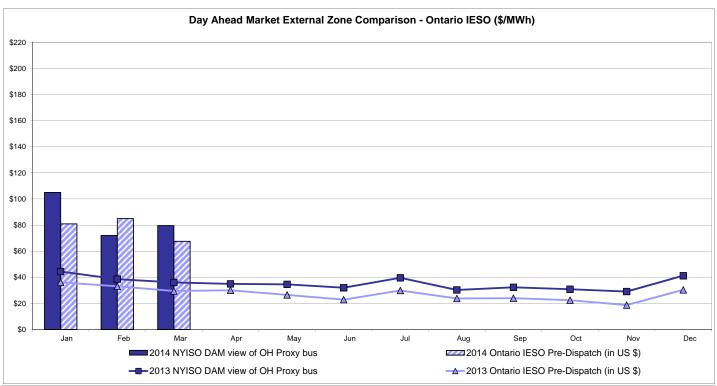


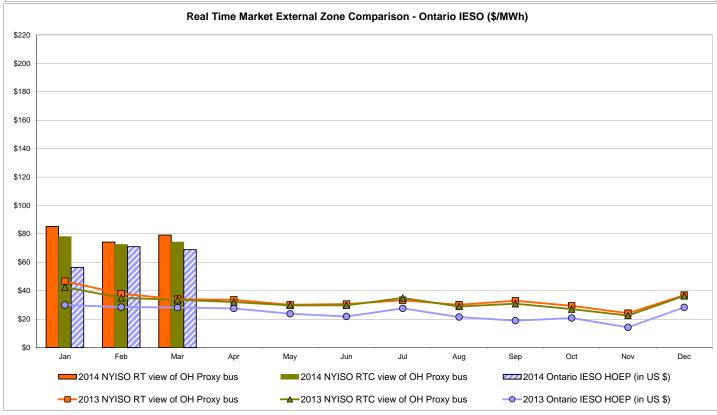
External Comparison PJM





External Comparison Ontario IESO

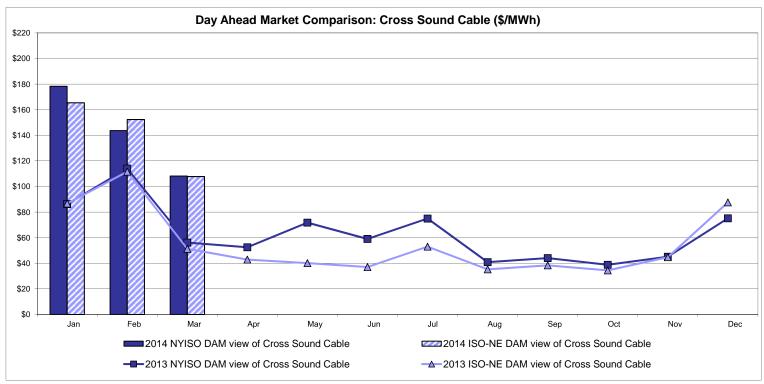


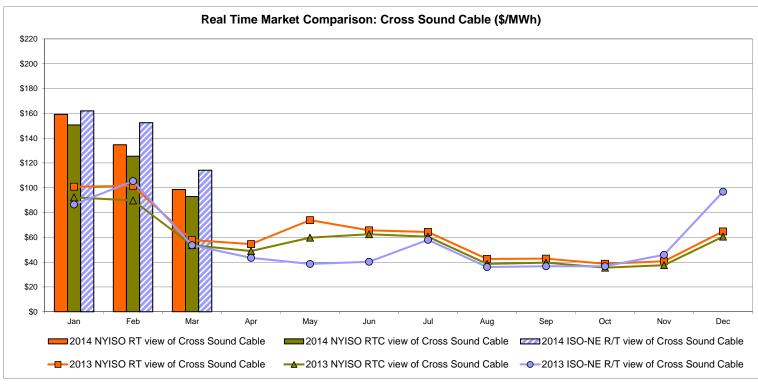


Notes: Exchange factor used for March 2014 was 0.90038 to US \$

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

External Controllable Line: Cross Sound Cable (New England)





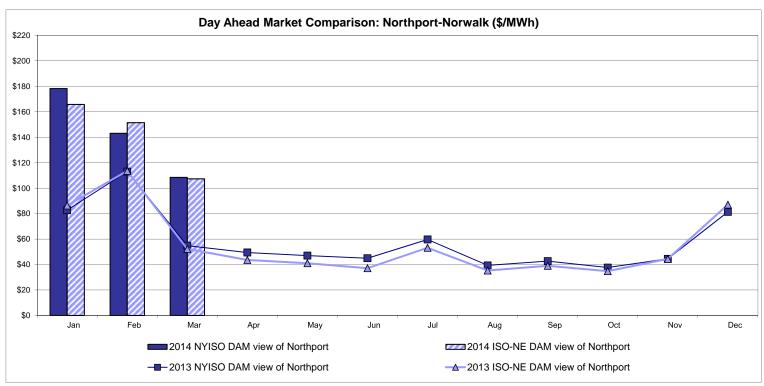
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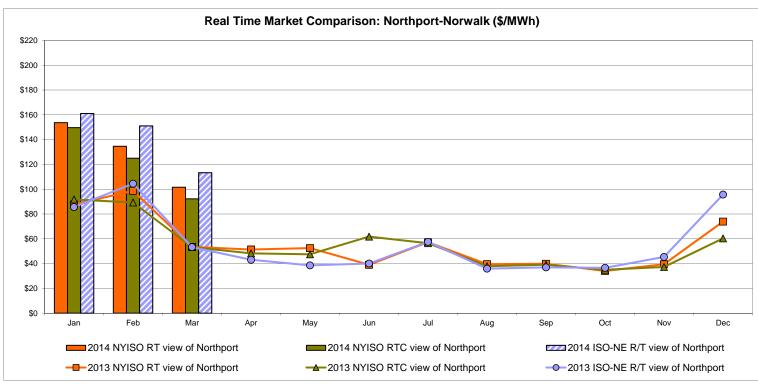
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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)





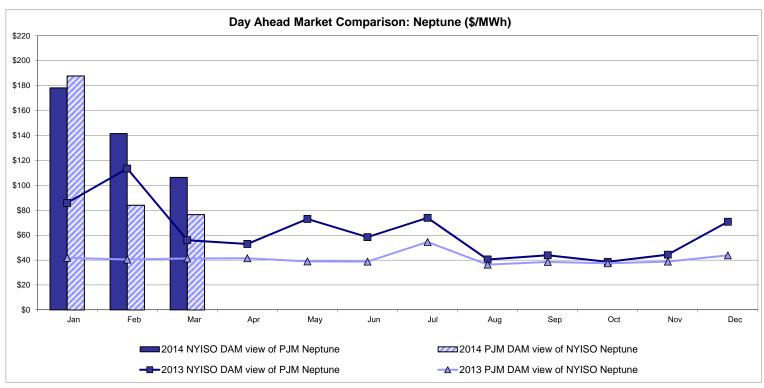
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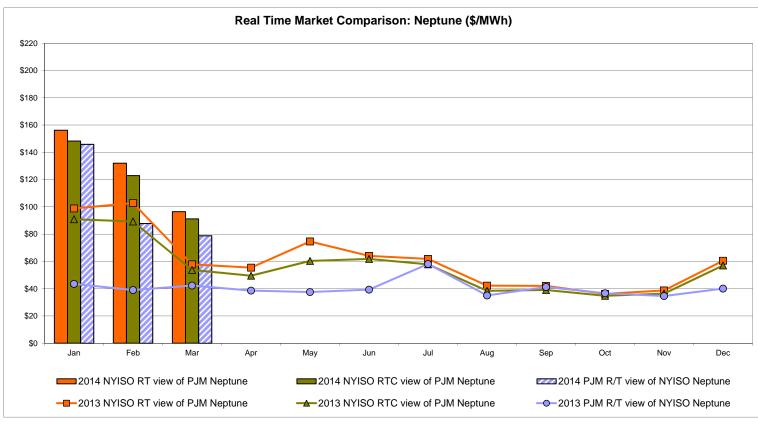
ISO-NE Forecast is an advisory posting @ 18:00 day before.

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

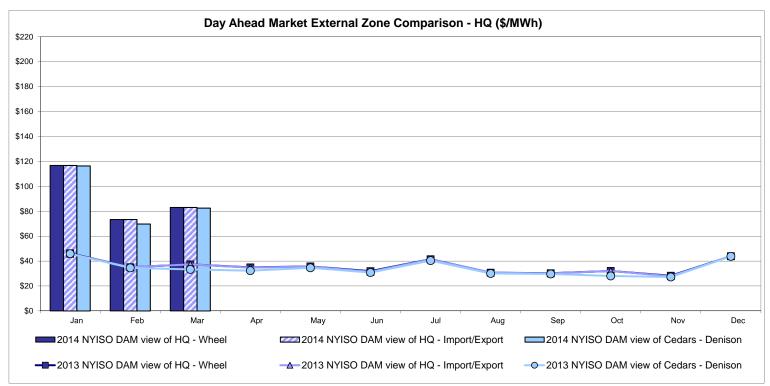
The DAM and R/T prices at the 1385 interface are used for NYISO.

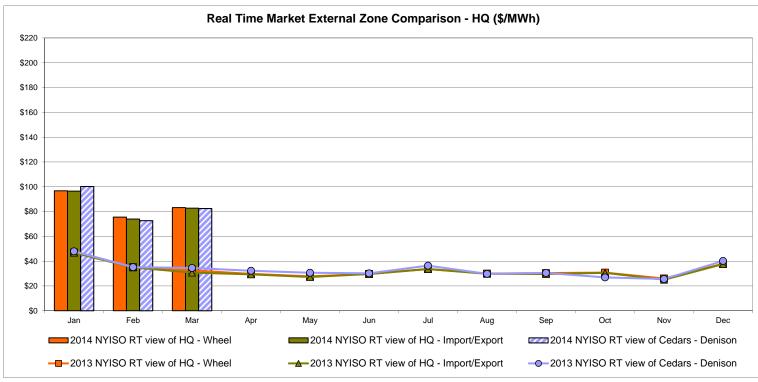
External Controllable Line: Neptune (PJM)





External Comparison Hydro-Quebec

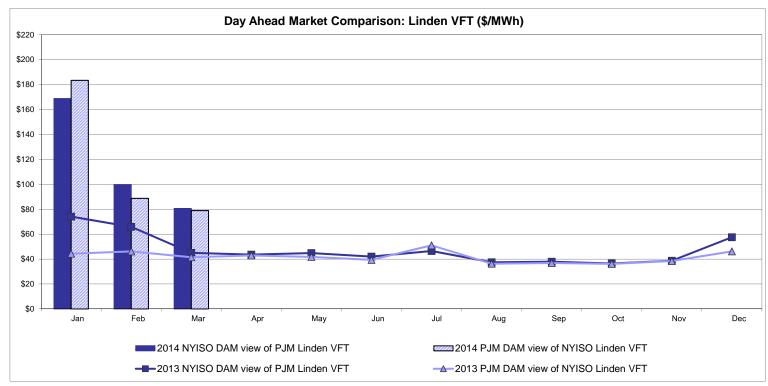


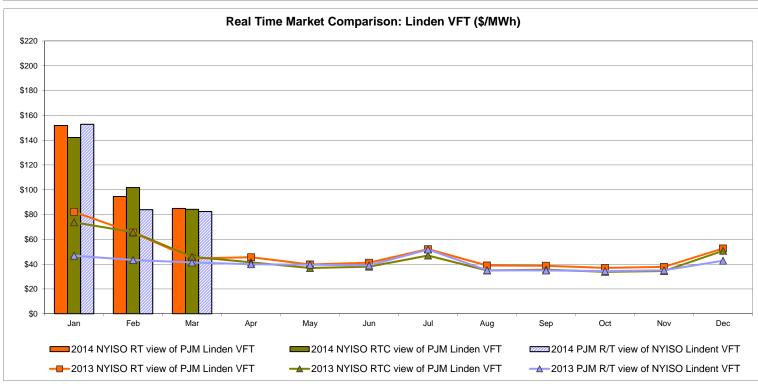


Note:

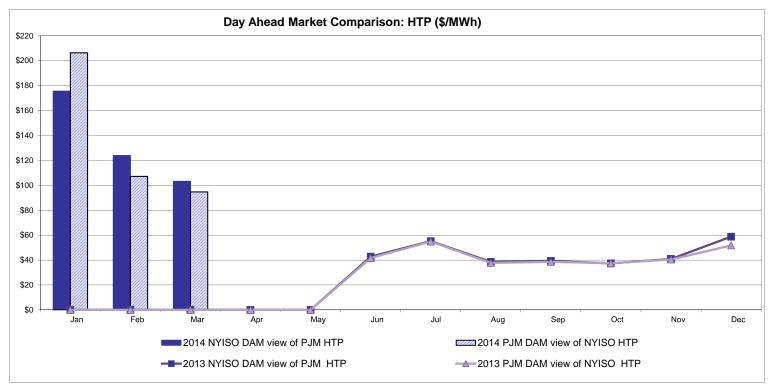
Hydro-Quebec Prices are unavailable.

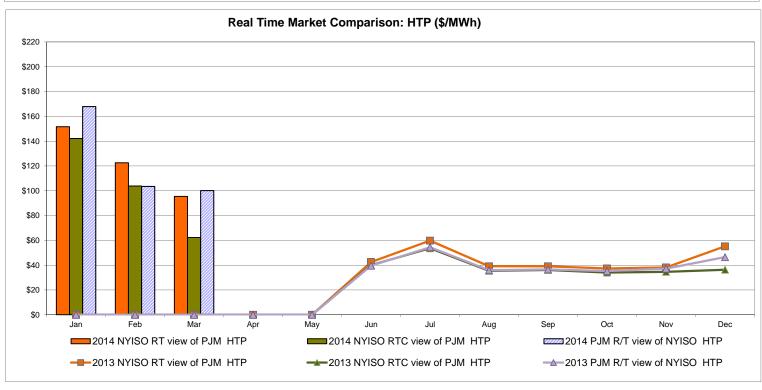
External Controllable Line: Linden VFT (PJM)





External Controllable Line: Hudson (PJM)



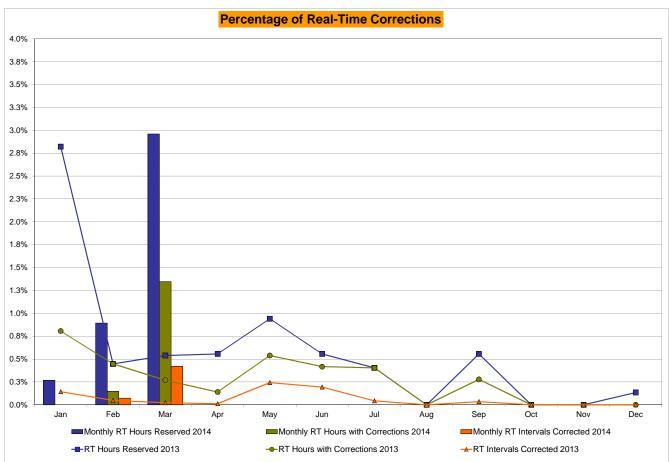


NYISO Real Time Price Correction Statistics

<u>2014</u>		<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Hour Corrections	in the menth	0	1	10									
Number of hours with corrections Number of hours	in the month in the month	744	672	743									
% of hours with corrections	in the month	0.00%	0.15%	1.35%									
% of flours with corrections	in the month	0.00%	0.15%	1.33%									
% of hours with corrections	year-to-date	0.00%	0.07%	0.51%									
Interval Corrections													
Number of intervals corrected	in the month	0	6	38									
Number of intervals	in the month	9,232	8,205	9,023									
% of intervals corrected	in the month	0.00%	0.07%	0.42%									
% of intervals corrected	year-to-date	0.00%	0.03%	0.17%									
Hours Reserved													
Number of hours reserved	in the month	2	6	22									
Number of hours	in the month	744	672	743									
% of hours reserved	in the month	0.27%	0.89%	2.96%									
% of hours reserved	year-to-date	0.27%	0.56%	1.39%									
Days to Correction *	•												
Avg. number of days to correction	in the month	0.00	3.00	1.00									
Avg. number of days to correction	year-to-date	0.00	3.00	1.50									
Days Without Corrections													
Days without corrections	in the month	31	27	28									
Days without corrections	year-to-date	31	58	86									
2013		January	February	March	April	May	June	July	August	September	October	November	December
2013 Hour Corrections		<u>January</u>	<u>February</u>	March	<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>								
	in the month	6	3	2	1	4	3	3	0	2	0	0	0
Hour Corrections Number of hours with corrections	in the month in the month in the month				<u> </u>								
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	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 Number of intervals % of intervals corrected	in the month in the month year-to-date in the month in the month in the month	6 744 0.81% 0.81% 13 9,104 0.14%	3 672 0.45% 0.64% 4 8,230 0.05%	2 743 0.27% 0.51% 2 9,026 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%	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 9,041	0 721 0.00% 0.30% 0 8,854	0 744 0.00% 0.27% 0 9,073
Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % 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%	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%
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Hour Corrections Number of hours with corrections Number of hours % of hours with corrections % of hours with corrections Interval Corrections Number of intervals corrected Number of intervals % of intervals corrected % of intervals corrected Hours Reserved Number of hours reserved Number of hours % of hours reserved % of hours reserved Days to Correction Avg. number of days to correction Avg. number of days to correction	in the month in the month year-to-date in the month in the month in the month year-to-date in the month year-to-date in the month	6 744 0.81% 0.81% 13 9,104 0.14% 0.14% 21 744 2.82% 2.82%	3 672 0.45% 0.64% 4 8,230 0.05% 0.10% 3 672 0.45% 1.69%	2 743 0.27% 0.51% 2 9,026 0.02% 0.07% 4 743 0.54% 1.30%	1 720 0.14% 0.42% 1 8,727 0.01% 0.06% 4 720 0.56% 1.11%	4 744 0.54% 0.44% 22 9,083 0.24% 0.10% 7 744 0.94% 1.08%	3 720 0.42% 0.44% 17 8,740 0.19% 0.11% 4 720 0.56% 0.99%	3 744 0.40% 0.43% 4 9,079 0.04% 0.10% 3 744 0.40% 0.90%	0 744 0.00% 0.38% 0 9,002 0.00% 0.09% 0 744 0.00% 0.79%	2 720 0.28% 0.37% 3 8,760 0.03% 0.08% 4 720 0.56% 0.76%	0 744 0.00% 0.33% 0 9,041 0.00% 0.07% 0 744 0.00% 0.69%	0 721 0.00% 0.30% 0 8,854 0.00% 0.07% 0 721 0.00% 0.62%	0 744 0.00% 0.27% 0 9,073 0.00% 0.06% 1 744 0.13% 0.58%

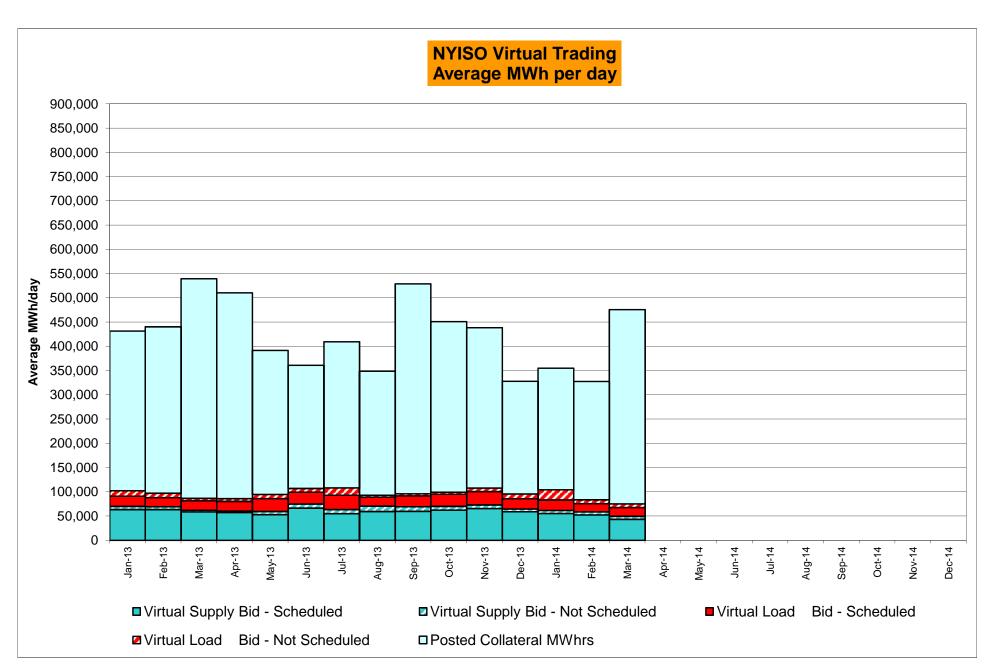
^{*} Calendar days from reservation date.

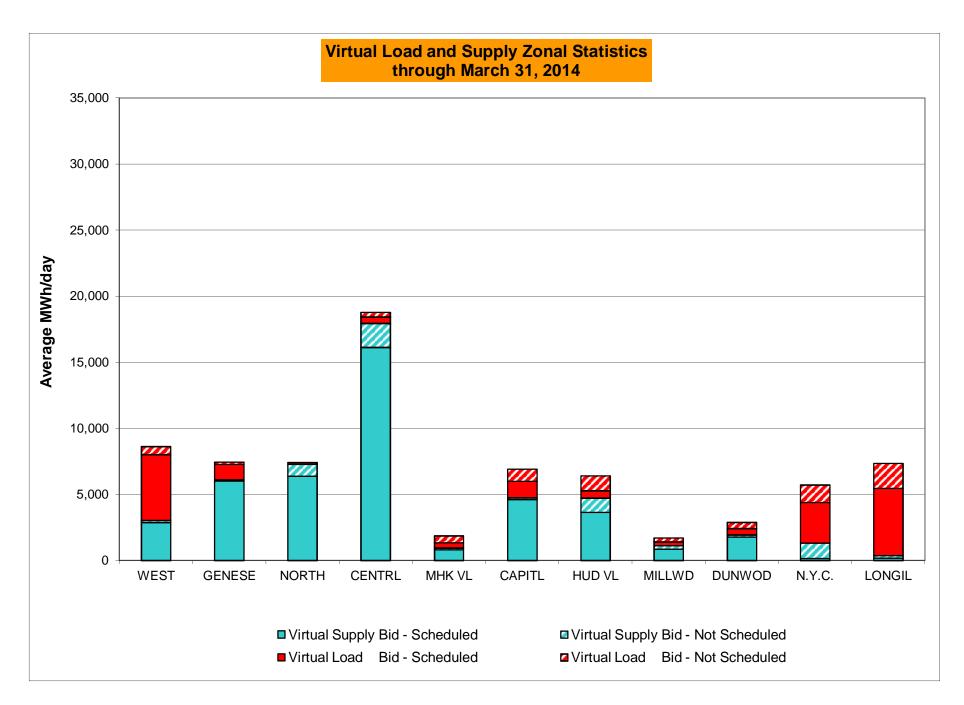
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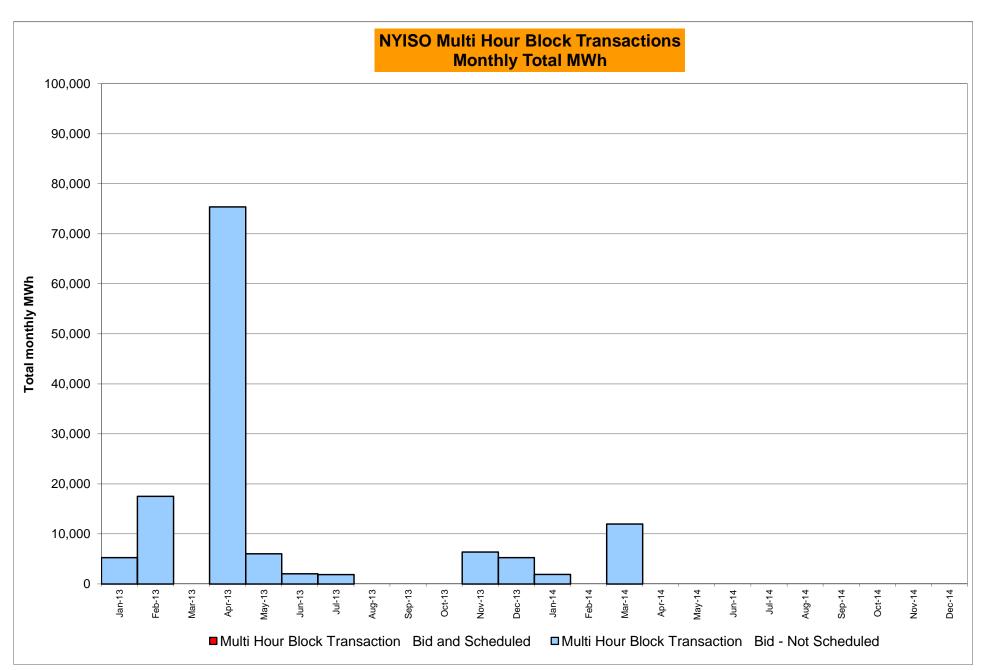


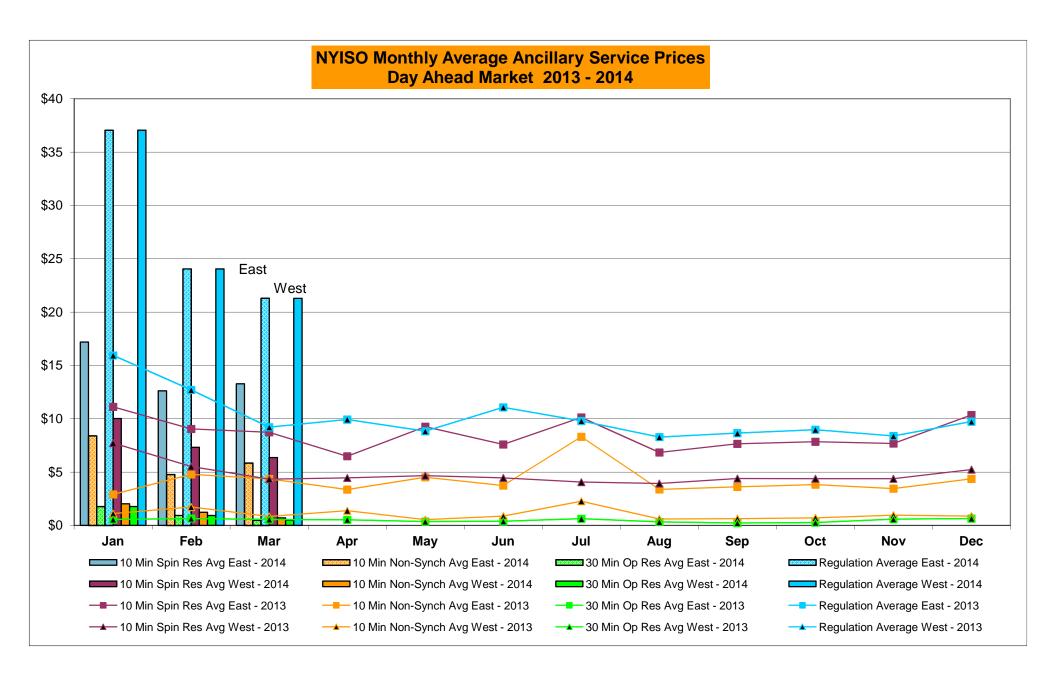
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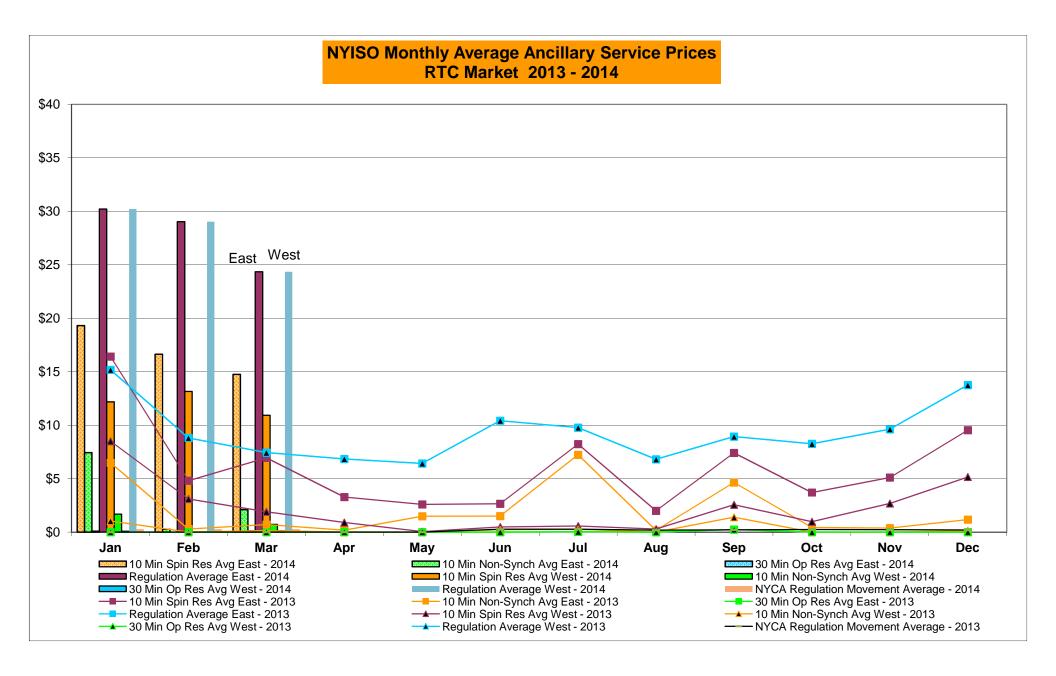


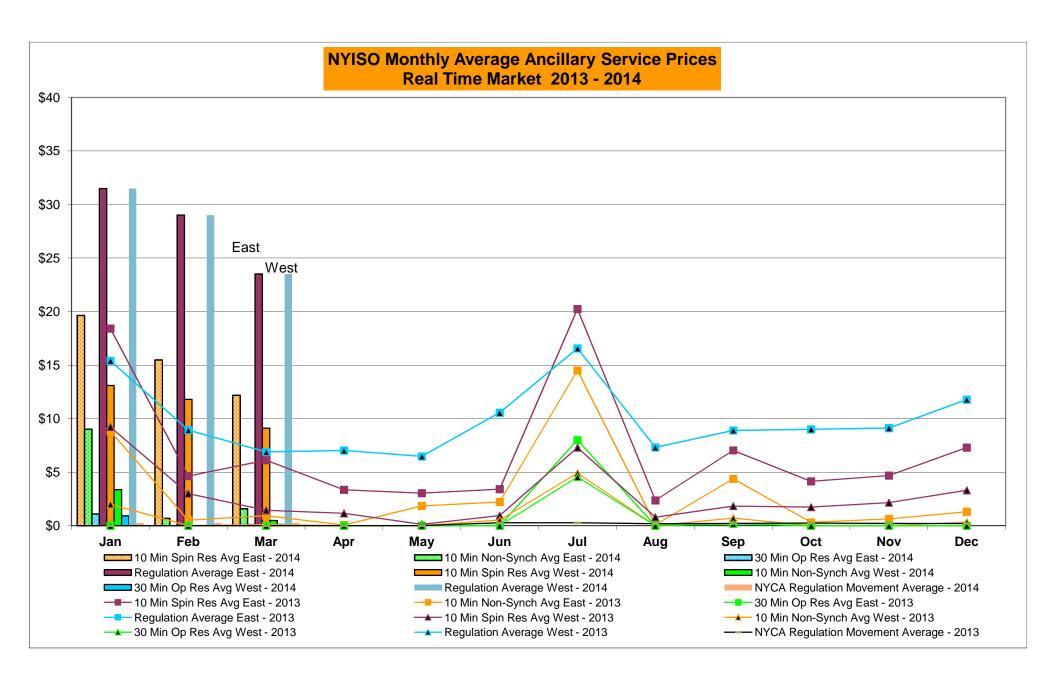


Zone Date WEST Jan-1- Feb-1- Mar-1- Apr-1- Jul-1- Jul-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1- GENESE Jan-1- Feb-1- Mar-1- Apr-1- Jul-1- Aug-1- Sep-1- Oct-1- Nay-1- Nay-1- Jul-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1- Dec-1-	Scheduled 14 6,21 14 5,07 14 4,98 14	3 5,063 7 805	Virtual Scheduled 2,777 2,814 2,874	Not Scheduled 155 422 159	Zone MHK VL	Date Jan-14 Feb-14 Mar-14 Apr-14 Jun-14	Virtual L Scheduled 429 340 415	Not Scheduled 587 204 527	1316 824	pply Bid Not Scheduled 260 90	Zone DUNWOD	Date Jan-14	Scheduled	Not Scheduled	Virtual Su	Not
WEST Jan-1- Feb-1- Mar-1- Apr-1- May-1- Jun-1- Jul-1- Sep-1- Oct-1- Nov-1- Dec-1- GENESE Jan-1- Feb-1- Mar-1- Apr-1- May-1- Jun-1- Jun-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1-	14 6,21 14 5,07 14 4,98 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14	Scheduled 3 5,063 7 805	2,777 2,814	Scheduled 155 422		Jan-14 Feb-14 Mar-14 Apr-14 May-14 Jun-14	429 340	Scheduled 587 204	1316 824	Scheduled 260						Not
WEST Jan-1- Feb-1- Mar-1- Apr-1- May-1- Jun-1- Jun-1- Sep-1- Oct-1- Nov-1- Dec-1- GENESE Jan-1- Feb-1- Mar-1- Apr-1- May-1- Jun-1- Jun-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1- Dec-1-	114 5,07 114 4,98 114 14 14 14 14 14 14 14 14 11 14 14	3 5,063 7 805	2,814	155 422	MHK VL	Feb-14 Mar-14 Apr-14 May-14 Jun-14	340	587 204	1316 824	260	DUNWOD	Jan-14				Scheduled
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May-1- Jun-1- Jun-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1- GENESE Jan-1- Feb-1- Mar-1- Apr-1- Jun-1- Jun-1- Jun-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1-	.14 .14 .14 .14 .14 .14 .14 .14 .14					May-14 Jun-14			826	106		Mar-14	481	473	1794	146
Jun-1- Jul-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1- GENESE Jan-1- Feb-1- Mar-1- Apr-1- May-1- Jun-1- Jun-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1-	.14 .14 .14 .14 .14 .14 .14 .14					Jun-14						Apr-14				
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GENESE Jan-1- GENESE Jan-1- Feb-1- Mar-1- Jun-1- Jul-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1-	.14 .14 .14 .14 43					Aug-14						Aug-14				
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Feb-1- Mar-1- Apr-1- May-1- Jun-1- Jul-1- Aug-1- Sep-1- Oct-1- Nov-1-		4 279	5,230	425	CAPITL	Jan-14	1439	1278	3985	379	N.Y.C.	Jan-14	2627	3843	666	1083
Mar-1- Apr-1- May-1- Jun-1- Jul-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1-			5,250	487		Feb-14	1116	871	4100	127	1111101	Feb-14	2470		521	625
May-1- Jun-1- Jul-1- Aug-1- Sep-1- Oct-1- Nov-1-			6,014	88		Mar-14	1237	939	4623	129		Mar-14	3075		152	1172
Jun-1- Jul-1- Aug-1- Sep-1- Oct-1- Nov-1- Dec-1-			,			Apr-14						Apr-14				
Jul-1. Aug-1. Sep-1. Oct-1. Nov-1.	-14					May-14						May-14				
Aug-1 Sep-1 Oct-1 Nov-1 Dec-1						Jun-14						Jun-14				
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Oct-14 Nov-14 Dec-14						Aug-14						Aug-14				
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NORTH Jan-1	-14	7 168	6,579	1,592	HUD VL	Jan-14	1612	1554	4091	466	LONGIL	Jan-14	7605	6704	59	375
Feb-1				1,308		Feb-14	634	1325	3963	792		Feb-14	5365		145	
Mar-1		1 10	6,390	895		Mar-14	552	1130	3644	1081		Mar-14	5083	1885	166	223
Apr-1						Apr-14						Apr-14				
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CENTRL Jan-14	-14 67	5 392	27,758	624	MILLWD	Jan-14	235	401	848	470	NYISO	Jan-14	21670	20900	55491	6098
Feb-1		9 155	27,395	1,484		Feb-14	324	183	1015	357		Feb-14	16907	7888	52604	6097
Mar-1		6 359	16,130	1,822		Mar-14	278	293	872	262		Mar-14	17855	7700	43485	6082
Apr-1						Apr-14	,					Apr-14				
May-1						May-14						May-14				
Jun-1						Jun-14						Jun-14				
Jul-1						Jul-14						Jul-14				
Aug-1						Aug-14						Aug-14				
Sep-1	-14					Sep-14					_	Sep-14				
Oct-1	4.4				_	Oct-14					4	Oct-14				
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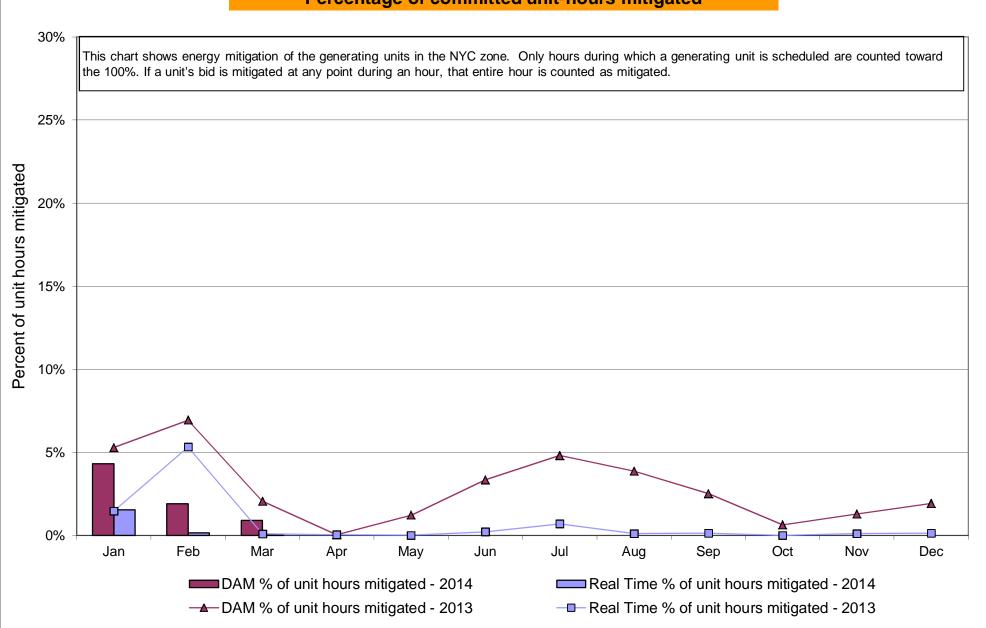


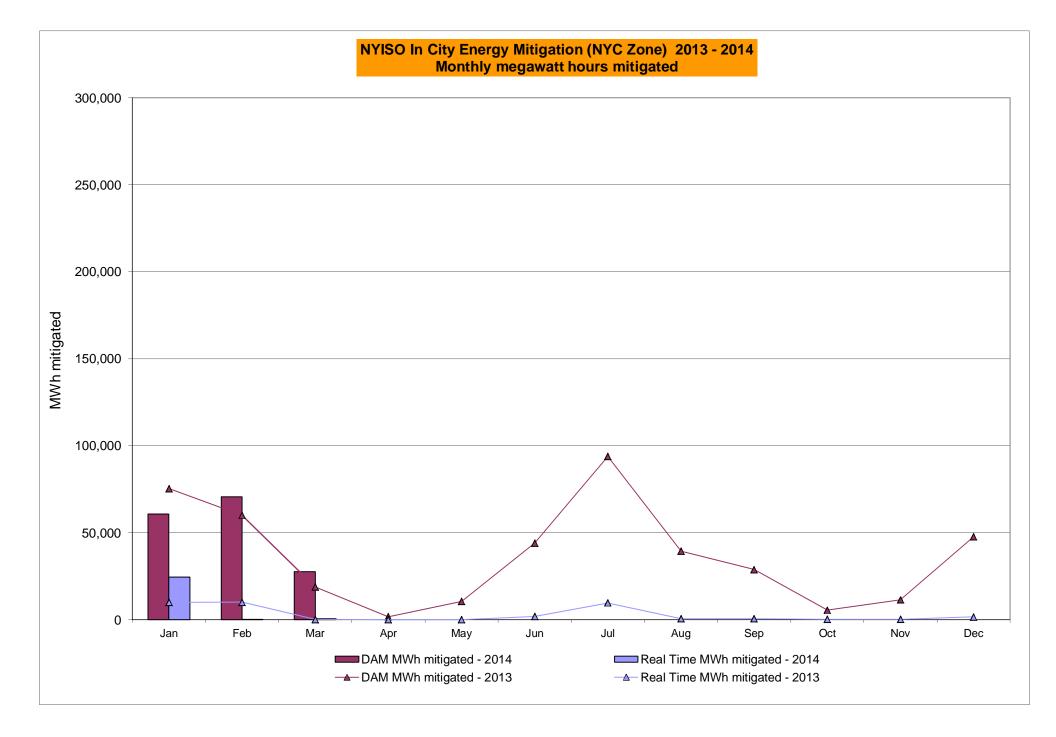


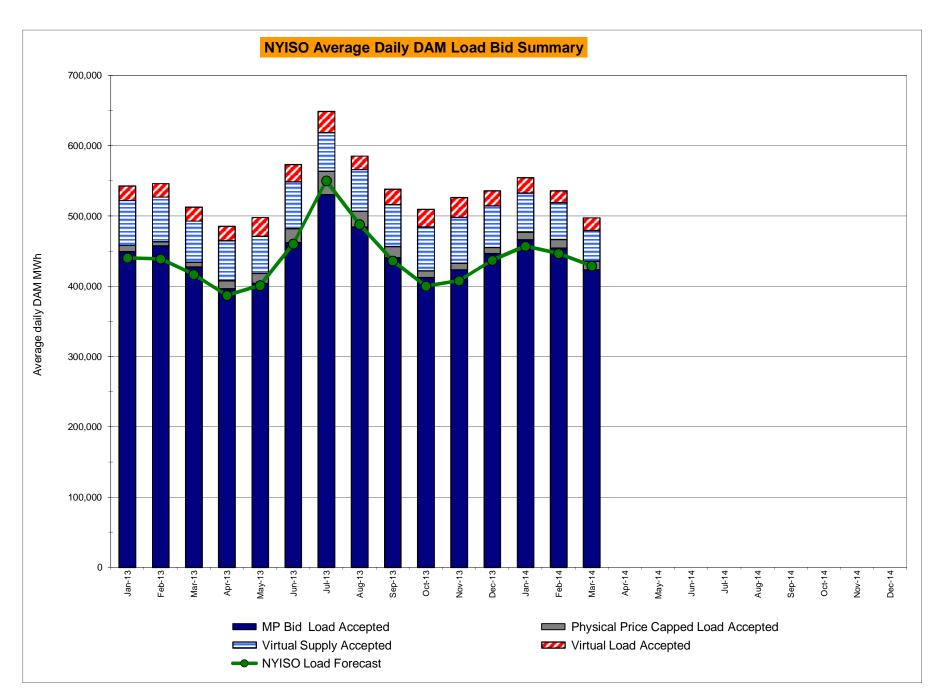
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

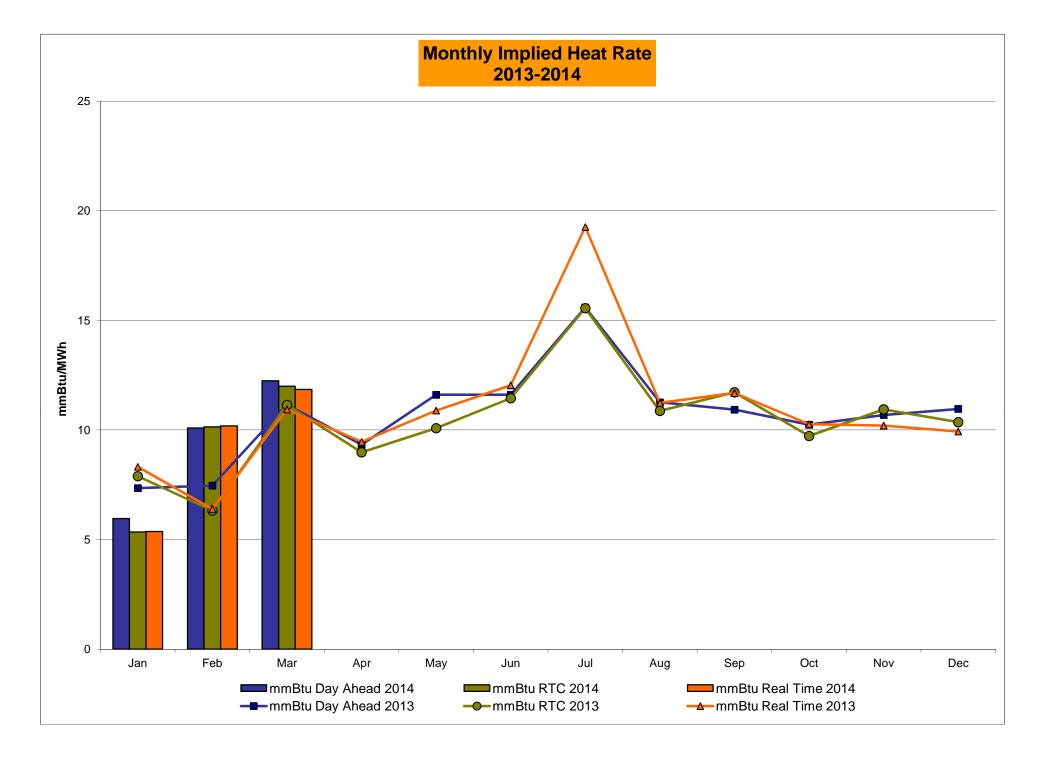
	-	TITOO Mark		,		Onweight		<i>,,</i> ,				
2014	January	February	March	<u>April</u>	May	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market		<u> </u>	<u></u>				<u> </u>	<u> </u>	·		<u> </u>	
10 Min Spin East	17.19	12.62	13.27									
10 Min Spin West	10.02	7.32	6.36									
10 Min Non Synch East	8.40	4.78	5.86									
10 Min Non Synch West	2.02	1.23	0.70									
30 Min East	1.77	0.93	0.47									
30 Min West	1.77	0.93	0.47									
Regulation East	37.05	24.05	21.29									
Regulation West	37.05	24.05	21.29									
-												
RTC Market	40.00	40.04	44.70									
10 Min Spin East	19.32	16.64	14.76									
10 Min Spin West	12.18	13.16	10.93									
10 Min Non Synch East	7.43	0.26	2.10									
10 Min Non Synch West	1.68	0.00	0.72									
30 Min East	0.08	0.00	0.12									
30 Min West	0.08	0.00	0.12									
Regulation East	30.21	29.03	24.35									
Regulation West	30.21	29.03	24.35									
NYCA Regulation Movement	0.28	0.27	0.26									
Real Time Market												
10 Min Spin East	19.64	15.48	12.19									
10 Min Spin West	13.10	11.80	9.11									
10 Min Non Synch East	9.03	0.70	1.59									
10 Min Non Synch West	3.37	0.00	0.48									
30 Min East	1.10	0.00	0.11									
30 Min West	0.92	0.00	0.11									
Regulation East	31.50	29.02	23.52									
Regulation West	31.50	29.02	23.52									
NYCA Regulation Movement	0.27	0.27	0.27									
	0.2.	0.2.	0.2.									
2013	<u>January</u>	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	September	October	November	December
Day Ahead Market	-	-						-	•			· · · · · · · · · · · · · · · · · · ·
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
Day Ahead Market 10 Min Spin East 10 Min Spin West	11.12 7.72	9.05 5.53	8.73 4.34	6.49 4.46	9.25 4.67	7.59 4.46	10.13 4.06	6.84 3.94	7.65 4.40	7.85 4.38	7.68 4.37	10.35 5.23
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East	11.12 7.72 2.91	9.05 5.53 4.79	8.73 4.34 4.36	6.49 4.46 3.36	9.25 4.67 4.52	7.59 4.46 3.73	10.13 4.06 8.31	6.84 3.94 3.37	7.65 4.40 3.62	7.85 4.38 3.82	7.68 4.37 3.45	10.35 5.23 4.37
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West	11.12 7.72 2.91 1.11	9.05 5.53 4.79 1.73	8.73 4.34 4.36 0.84	6.49 4.46 3.36 1.38	9.25 4.67 4.52 0.55	7.59 4.46 3.73 0.88	10.13 4.06 8.31 2.27	6.84 3.94 3.37 0.60	7.65 4.40 3.62 0.63	7.85 4.38 3.82 0.70	7.68 4.37 3.45 0.96	10.35 5.23 4.37 0.87
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East	11.12 7.72 2.91 1.11 0.56	9.05 5.53 4.79 1.73 0.65	8.73 4.34 4.36 0.84 0.56	6.49 4.46 3.36 1.38 0.53	9.25 4.67 4.52 0.55 0.36	7.59 4.46 3.73 0.88 0.40	10.13 4.06 8.31 2.27 0.62	6.84 3.94 3.37 0.60 0.33	7.65 4.40 3.62 0.63 0.23	7.85 4.38 3.82 0.70 0.28	7.68 4.37 3.45 0.96 0.59	10.35 5.23 4.37 0.87 0.65
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	11.12 7.72 2.91 1.11 0.56 0.56	9.05 5.53 4.79 1.73 0.65 0.65	8.73 4.34 4.36 0.84 0.56 0.56	6.49 4.46 3.36 1.38 0.53	9.25 4.67 4.52 0.55 0.36 0.36	7.59 4.46 3.73 0.88 0.40 0.40	10.13 4.06 8.31 2.27 0.62 0.62	6.84 3.94 3.37 0.60 0.33 0.33	7.65 4.40 3.62 0.63 0.23 0.23	7.85 4.38 3.82 0.70 0.28 0.28	7.68 4.37 3.45 0.96 0.59 0.59	10.35 5.23 4.37 0.87 0.65 0.65
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	11.12 7.72 2.91 1.11 0.56 0.56 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21	6.49 4.46 3.36 1.38 0.53 0.53 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07	10.13 4.06 8.31 2.27 0.62 0.62 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74
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	11.12 7.72 2.91 1.11 0.56 0.56	9.05 5.53 4.79 1.73 0.65 0.65	8.73 4.34 4.36 0.84 0.56 0.56	6.49 4.46 3.36 1.38 0.53	9.25 4.67 4.52 0.55 0.36 0.36	7.59 4.46 3.73 0.88 0.40 0.40	10.13 4.06 8.31 2.27 0.62 0.62	6.84 3.94 3.37 0.60 0.33 0.33	7.65 4.40 3.62 0.63 0.23 0.23	7.85 4.38 3.82 0.70 0.28 0.28	7.68 4.37 3.45 0.96 0.59 0.59	10.35 5.23 4.37 0.87 0.65 0.65
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	11.12 7.72 2.91 1.11 0.56 0.56 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21	6.49 4.46 3.36 1.38 0.53 0.53 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07	10.13 4.06 8.31 2.27 0.62 0.62 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74
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	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74
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	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74
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	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16
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	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80	6.84 3.94 3.37 0.60 0.33 8.29 8.29 1.99 0.29 0.16 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13
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	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13
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 East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 0.00 6.84	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 0.00 6.42	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 0.00 0.00 6.81	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation East Regulation East	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.29 0.16 0.00 0.00 0.00 6.81 6.81	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 0.00 9.63 9.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East 30 Min West Regulation East Regulation East Regulation West Regulation Movement	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 0.00 6.84	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 0.00 6.42	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 0.00 0.00 6.81	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation East Regulation West Regulation Movement Real Time Market	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.16 0.00 0.00 0.00 6.81 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation Movest Regulation West Regulation Movement Real Time Market 10 Min Spin East	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.16 0.00 0.00 0.00 6.81 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 0.00 9.63 9.63 0.22	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation Fast Regulation East Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00 3.35 1.15	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 0.00 6.42 6.42 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.29 0.16 0.00 0.00 6.81 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21 7.03 1.83	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24 4.14 1.73	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 0.00 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21 7.03 1.83 4.37	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 0.20
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation Movest Regulation West NYCA Regulation Movement Real Time Market 10 Min Spin East 10 Min Spin East 10 Min Spin East	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 1.99 0.29 0.16 0.00 0.00 6.81 6.81 0.18	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21 7.03 1.83 4.37 0.70	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.73 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation West Regulation West Regulation Movement Real Time Market 10 Min Spin West 10 Min Spin West 10 Min Spin West 10 Min Spin East 10 Min Spin East 10 Min Spin West	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53 0.00	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.29 0.16 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21 7.03 1.83 4.37 0.70 0.17	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.73 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31 0.34
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation West Regulation East Regulation West Regulation West Regulation West 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	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 0.00 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00 0.00 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53 0.00 0.00 0.00	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28 20.24 7.29 14.51 4.91 7.99 4.55	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.16 0.00 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21 7.03 1.83 4.37 0.70 0.17 0.17	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00 0.00 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min West Regulation East Regulation East Regulation Movement Real Time Market 10 Min Spin West 10 Min Spin West 10 Min Spin East 10 Min Spin West NYCA Regulation Movement Real Time Market 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	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00 0.00 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00 0.00 6.89	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 9.93 3.28 0.90 0.18 0.00 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 0.00 0.00 0.00 7.03	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00 0.00 6.48	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53 0.00 0.00 10.55	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28 20.24 7.29 14.51 4.91 7.99 4.55 16.57	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.16 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00 0.00 0.00 0.00 0.0	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21 7.03 1.83 4.37 0.70 0.17 0.17 8.90	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00 0.00 0.00 0.00 0.00 0.0	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00 0.00 0.00 0.00 0.00 0.0	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00 0.00
Day Ahead Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation East Regulation West RTC Market 10 Min Spin East 10 Min Spin West 10 Min Non Synch East 10 Min Non Synch West 30 Min East 30 Min East Regulation West Regulation East Regulation West Regulation West Regulation West 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	11.12 7.72 2.91 1.11 0.56 0.56 15.94 15.94 16.42 8.50 6.48 1.04 0.00 0.00 15.18 15.18 0.00	9.05 5.53 4.79 1.73 0.65 0.65 12.70 12.70 4.81 3.10 0.28 0.00 0.00 0.00 8.81 8.81 0.00 4.63 3.00 0.52 0.00 0.00 0.00	8.73 4.34 4.36 0.84 0.56 0.56 9.21 9.21 9.21 6.94 1.90 0.70 0.15 0.00 0.00 7.43 7.43 0.00 6.12 1.44 0.93 0.10 0.00 0.00	6.49 4.46 3.36 1.38 0.53 0.53 9.93 9.93 3.28 0.90 0.18 0.00 0.00 6.84 6.84 0.00 3.35 1.15 0.06 0.00 0.00 0.00 0.00 0.00	9.25 4.67 4.52 0.55 0.36 0.36 8.84 8.84 2.59 0.05 1.48 0.00 0.00 6.42 6.42 0.00 3.03 0.13 1.84 0.00 0.00 0.00 0.00 0.00	7.59 4.46 3.73 0.88 0.40 0.40 11.07 11.07 2.65 0.48 1.50 0.22 0.00 0.00 10.42 10.42 0.27 3.41 0.94 2.22 0.53 0.00 0.00 0.00	10.13 4.06 8.31 2.27 0.62 0.62 9.80 9.80 8.23 0.57 7.23 0.26 0.03 0.03 9.77 9.77 0.28 20.24 7.29 14.51 4.91 7.99 4.55	6.84 3.94 3.37 0.60 0.33 0.33 8.29 8.29 0.16 0.00 0.00 0.00 6.81 6.81 0.18 2.37 0.80 0.07 0.00 0.00 0.00	7.65 4.40 3.62 0.63 0.23 0.23 8.65 8.65 7.40 2.56 4.63 1.39 0.24 0.24 8.93 8.93 0.21 7.03 1.83 4.37 0.70 0.17 0.17	7.85 4.38 3.82 0.70 0.28 0.28 8.98 8.98 3.70 0.97 0.44 0.00 0.00 8.26 8.26 0.24 4.14 1.73 0.31 0.00 0.00 0.00 0.00	7.68 4.37 3.45 0.96 0.59 0.59 8.38 8.38 5.11 2.68 0.38 0.00 0.00 9.63 9.63 0.22 4.68 2.16 0.63 0.00 0.00 0.00 0.00	10.35 5.23 4.37 0.87 0.65 0.65 9.74 9.74 9.53 5.16 1.17 0.13 0.00 0.00 13.75 13.75 0.20 7.29 3.31 1.31 0.34 0.00 0.00

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

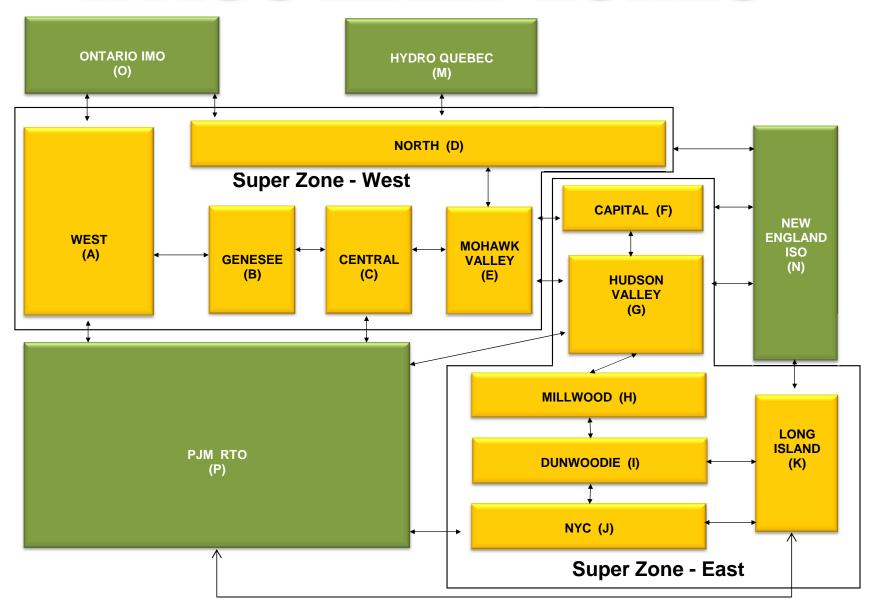








NYISO LBMP ZONES



Market Mitigation and Analysis Prepared: 4/1/2014 3:06 PM

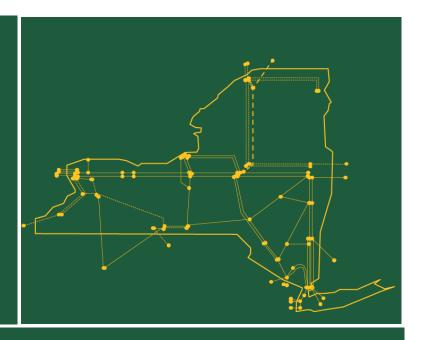
Billing Codes for Chart 4-C

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

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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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