

NYISO CEO/COO Report

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New York Independent System Operator*

Management Committee Meeting

April 29, 2015

Rensselaer, NY

NYISO CEO/COO Report

CEO Report

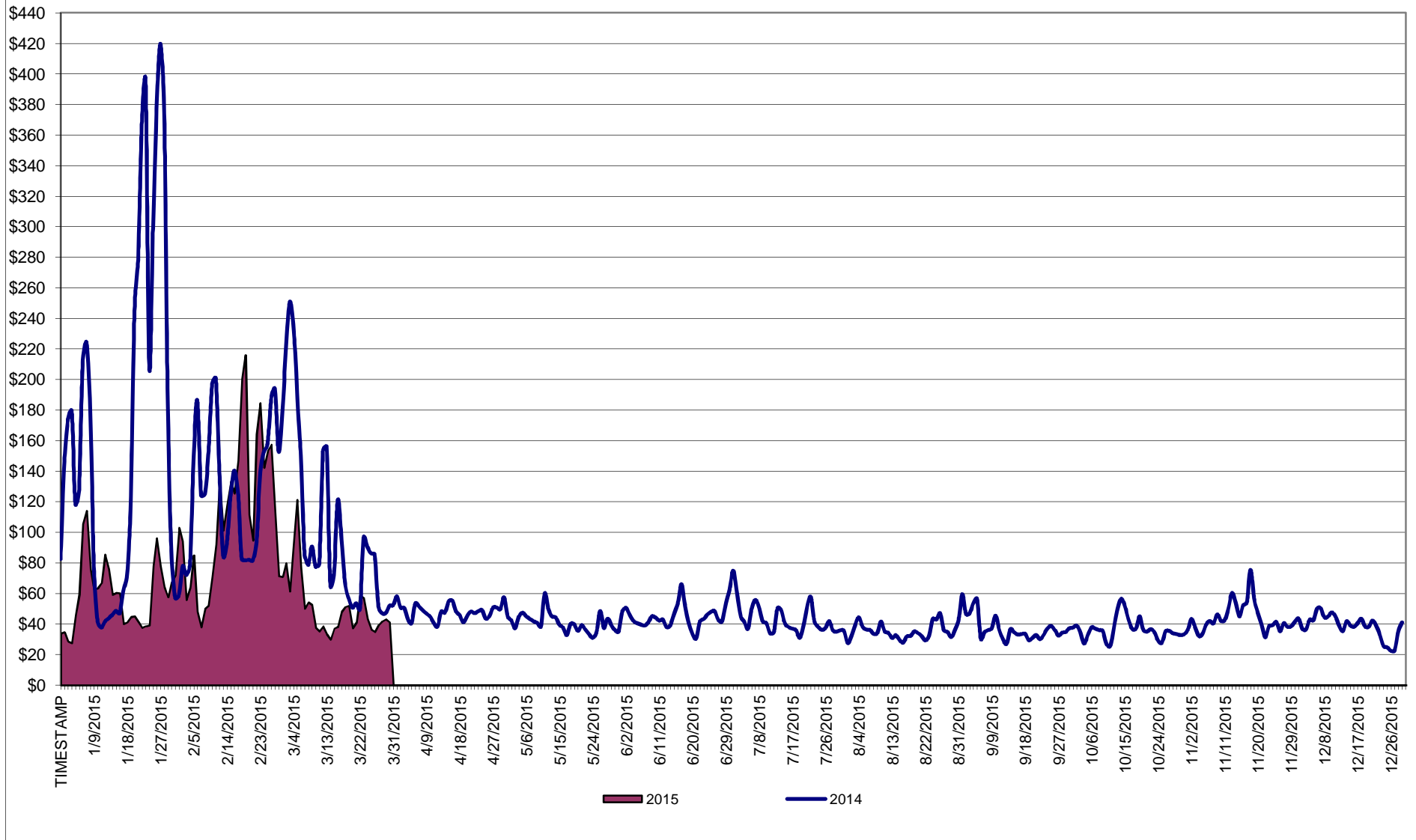
COO Report

- ◆ **Market Performance Highlights – For Information Only**
- ◆ **Operations Performance Metrics Monthly Report**

Market Performance Highlights for March 2015

- **LBMP for March is \$52.09/MWh; lower than \$114.35/MWh in February 2015 and lower than \$109.58/MWh in March 2014.**
 - Day Ahead and Real Time Load Weighted LBMPs are lower compared to February.
- **March 2015 average year-to-date monthly cost of \$76.61/MWh is a 46% decrease from \$142.77/MWh in March 2014.**
- **Average daily sendout is 436 GWh/day in March; lower than 481 GWh/day in February 2015 and 440 GWh/day in March 2014.**
- **Natural gas and distillate prices were higher compared to the previous month.**
 - Natural Gas (Transco Z6 NY) was \$3.65/MMBtu, down 79% from \$15.15/MMBtu in February.
 - Transco Z6 NY is down 53% year-over-year
 - Jet Kerosene Gulf Coast was \$11.69/MMBtu, down from \$13.09/MMBtu in February.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$12.85/MMBtu, down from \$14.25/MMBtu in February.
 - Distillate prices are down 45% year-over-year
- **Uplift per MWh is higher compared to the previous month.**
 - Uplift (not including NYISO cost of operations) is (\$0.68)/MWh; higher than (\$1.17)/MWh in February.
 - The Local Reliability Share is \$0.13/MWh, lower than \$0.33 in February.
 - The Statewide Share is (\$0.81)/MWh, higher than (\$1.49)/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)*
 2014 Annual Average \$69.30/MWh
 March 2014 YTD Average \$142.77/MWh
 March 2015 YTD Average \$76.61/MWh



* Excludes ICAP payments.

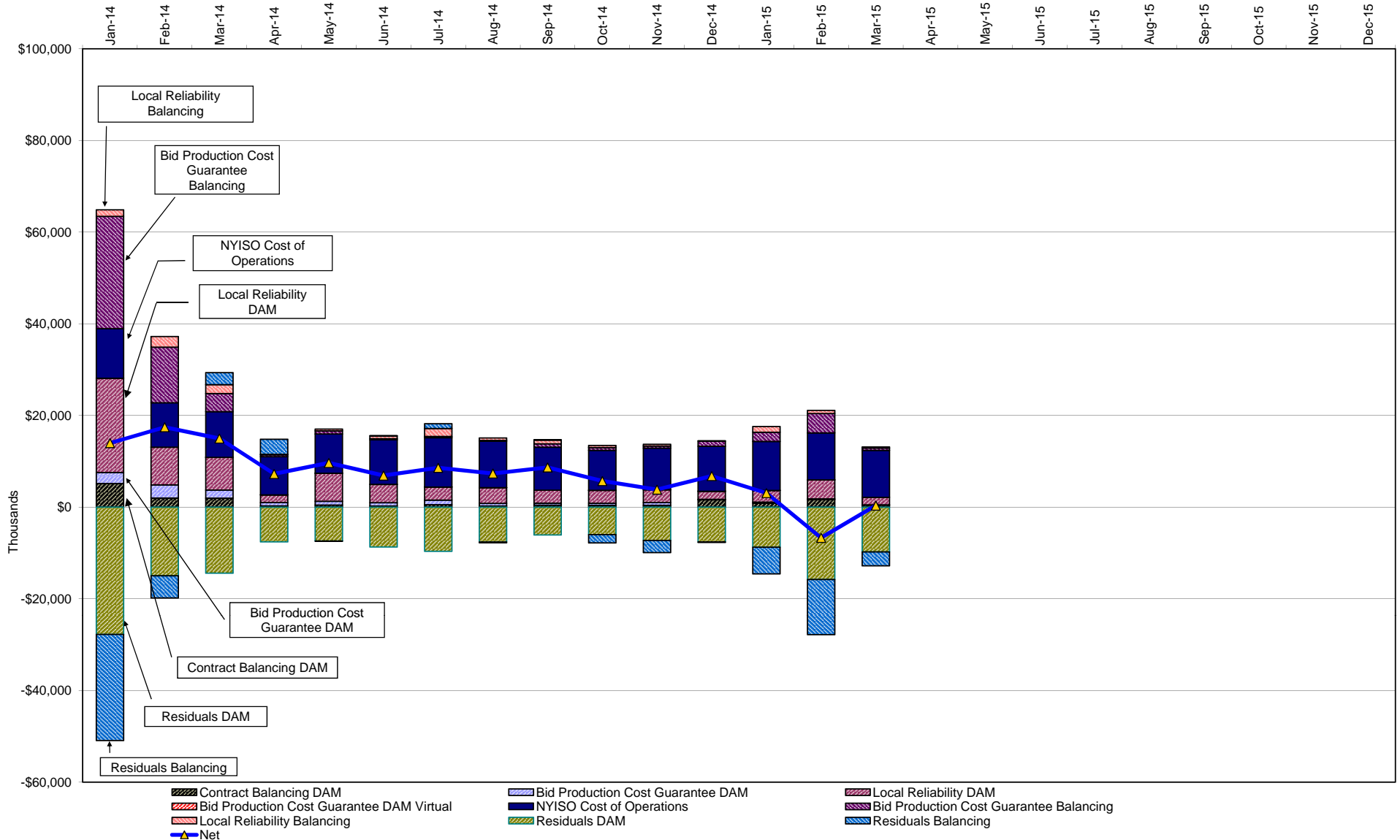
NYISO Average Cost/MWh (Energy and Ancillary Services) *
from the LBMP Customer point of view

2015	<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>	<u>November</u>	<u>December</u>
LBMP	59.60	114.35	52.09									
NTAC	0.32	0.35	0.42									
Reserve	0.27	0.37	0.56									
Regulation	0.10	0.18	0.11									
NYISO Cost of Operations	0.70	0.70	0.70									
Uplift	(0.50)	(1.17)	(0.68)									
Uplift: Local Reliability Share	0.25	0.33	0.13									
Uplift: Statewide Share	(0.75)	(1.49)	(0.81)									
Voltage Support and Black Start	0.39	0.39	0.39									
Avg Monthly Cost	60.88	115.17	53.59									
Avg YTD Cost	60.88	87.68	76.61									
TSA \$ per NYC MWh	0.00	0.00	0.00									
2014	<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>	<u>November</u>	<u>December</u>
LBMP	183.36	123.19	109.58	46.09	40.30	43.39	43.97	34.48	37.62	35.59	42.88	38.08
NTAC	0.56	0.64	0.39	1.18	0.69	0.78	0.43	0.41	0.50	0.57	0.69	0.86
Reserve	0.78	0.49	0.56	0.46	0.28	0.27	0.26	0.26	0.29	0.47	0.37	0.23
Regulation	0.27	0.21	0.22	0.13	0.12	0.12	0.12	0.13	0.11	0.12	0.11	0.08
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	0.22	0.56	0.35	(0.09)	0.07	(0.21)	(0.26)	(0.19)	(0.20)	(0.24)	(0.40)	(0.21)
Uplift: Local Reliability Share	1.43	0.75	0.62	0.15	0.51	0.32	0.29	0.27	0.26	0.26	0.24	0.13
Uplift: Statewide Share	(1.21)	(0.19)	(0.27)	(0.24)	(0.44)	(0.53)	(0.55)	(0.45)	(0.46)	(0.50)	(0.64)	(0.34)
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Avg Monthly Cost	186.24	126.14	112.15	48.82	42.51	45.39	45.57	36.14	39.37	37.57	44.70	40.09
Avg YTD Cost	186.24	157.93	142.77	121.97	108.36	97.84	89.46	82.60	78.07	74.63	72.06	69.30
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	0.00	0.03	0.35	0.00	0.42	0.00	0.00	0.00
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>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	79.77	85.76	48.94	44.47	52.21	50.17	68.49	40.81	44.24	39.85	43.30	66.41
NTAC	0.79	0.83	0.76	0.90	0.85	0.86	0.66	0.28	0.57	0.87	1.08	0.59
Reserve	0.38	0.44	0.43	0.36	0.49	0.34	0.50	0.32	0.38	0.42	0.38	0.44
Regulation	0.13	0.13	0.10	0.11	0.09	0.13	0.11	0.13	0.13	0.16	0.13	0.12
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
Uplift	0.21	(0.15)	(0.33)	0.02	0.41	0.49	2.06	0.03	(0.05)	0.18	(0.07)	(0.25)
Uplift: Local Reliability Share	0.44	0.40	0.19	0.37	0.58	0.81	1.27	0.49	0.31	0.38	0.19	0.12
Uplift: Statewide Share	(0.23)	(0.55)	(0.52)	(0.35)	(0.17)	(0.31)	0.79	(0.46)	(0.36)	(0.19)	(0.25)	(0.37)
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Avg Monthly Cost	82.34	88.06	50.96	46.91	55.10	53.05	72.87	42.62	46.31	42.54	45.88	68.36
Avg 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

* Excludes ICAP payments.
Market Mitigation and Analysis
Prepared: 4/6/2015 4:05 PM

Data reflects true-ups thru Aug 2014.

NYISO Dollar Flows - Uplift- OATT Schedule 1 components - Data through March 31, 2015



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

2015	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market MWh	15,961,306	14,967,371	15,059,207									
DAM LSE Internal LBMP Energy Sales	55%	54%	53%									
DAM External TC LBMP Energy Sales	5%	6%	6%									
DAM Bilateral - Internal Bilaterals	35%	33%	33%									
DAM Bilateral - Import/Non-LBMP Market Bilaterals	3%	5%	5%									
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	1%									
DAM Bilateral - Wheel Through Bilaterals	0%	1%	1%									
Balancing Energy Market MWh	-648,574	-287,795	-397,342									
Balancing Energy LSE Internal LBMP Energy Sales	-149%	-252%	-192%									
Balancing Energy External TC LBMP Energy Sales	30%	117%	64%									
Balancing Energy Bilateral - Internal Bilaterals	13%	14%	19%									
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%									
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	8%	12%									
Balancing Energy Bilateral - Wheel Through Bilaterals	0%	12%	-4%									
Transactions Summary												
LBMP	58%	59%	57%									
Internal Bilaterals	37%	34%	35%									
Import Bilaterals	3%	5%	5%									
Export Bilaterals	2%	2%	2%									
Wheels Through	0%	1%	1%									
Market Share of Total Load												
Day Ahead Market	104.2%	102.0%	102.7%									
Balancing Energy +	-4.2%	-2.0%	-2.7%									
Total MWh	15,312,732	14,679,576	14,661,865									
Average Daily Energy Sendout/Month GWh	462	481	436									

2014	January	February	March	April	May	June	July	August	September	October	November	December
Day Ahead Market MWh	16,034,264	14,409,515	14,633,570	12,101,747	12,984,458	14,719,929	16,528,338	15,536,610	14,312,509	13,684,158	13,945,509	14,992,656
DAM LSE Internal LBMP Energy Sales	52%	50%	53%	56%	53%	54%	58%	57%	56%	54%	54%	54%
DAM External TC LBMP Energy Sales	5%	7%	6%	3%	2%	3%	1%	0%	1%	2%	5%	5%
DAM Bilateral - Internal Bilaterals	36%	36%	35%	33%	38%	36%	34%	35%	36%	38%	36%	36%
DAM Bilateral - Import/Non-LBMP Market Bilaterals	5%	5%	5%	6%	5%	5%	4%	5%	4%	4%	3%	3%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	1%	1%	2%	2%	1%	1%	1%	1%	2%	2%	2%
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	0%	1%	1%	1%	1%	1%	0%	0%	0%
Balancing Energy Market MWh	-249,484	-298,340	-116,173	54,298	-510,467	-558,413	-854,501	-764,108	-672,451	-994,214	-746,664	-707,436
Balancing Energy LSE Internal LBMP Energy Sales	-232%	-203%	-294%	-190%	-133%	-114%	-116%	-117%	-129%	-124%	-134%	-137%
Balancing Energy External TC LBMP Energy Sales	105%	76%	97%	207%	21%	22%	18%	15%	24%	14%	21%	28%
Balancing Energy Bilateral - Internal Bilaterals	20%	26%	69%	27%	3%	7%	4%	7%	7%	7%	9%	4%
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	12%	0%	3%	0%	0%	0%	2%	1%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	11%	6%	25%	67%	4%	3%	2%	2%	3%	3%	5%	3%
Balancing Energy Bilateral - Wheel Through Bilaterals	-4%	-6%	-10%	-12%	1%	-18%	-8%	-7%	-7%	-1%	0%	1%
Transactions Summary												
LBMP	56%	56%	57%	59%	53%	55%	57%	55%	55%	52%	55%	56%
Internal Bilaterals	37%	37%	36%	33%	39%	38%	36%	37%	38%	42%	39%	38%
Import Bilaterals	5%	5%	5%	6%	5%	5%	5%	5%	5%	4%	4%	3%
Export Bilaterals	2%	1%	2%	2%	2%	1%	1%	2%	2%	2%	2%	2%
Wheels Through	1%	1%	1%	0%	1%	1%	1%	1%	1%	0%	1%	0%
Market Share of Total Load												
Day Ahead Market	101.6%	102.1%	100.8%	99.6%	104.1%	103.9%	105.5%	105.2%	104.9%	107.8%	105.7%	105.0%
Balancing Energy +	-1.6%	-2.1%	-0.8%	0.4%	-4.1%	-3.9%	-5.5%	-5.2%	-4.9%	-7.8%	-5.7%	-5.0%
Total MWh	15,784,780	14,111,175	14,517,397	12,156,045	12,473,991	14,161,516	15,673,837	14,772,502	13,640,058	12,689,944	13,198,845	14,285,220
Average Daily Energy Sendout/Month GWh	475	460	440	390	391	456	496	470	442	394	413	433

+ 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.

Notes: Percent totals may not equal 100% due to rounding.
Virtual Transactions are not reflected in this chart.

NYISO Markets 2015 Energy Statistics

	<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>	<u>November</u>	<u>December</u>
<u>DAY AHEAD LBMP</u>												
Price *	\$53.35	\$101.48	\$46.59									
Standard Deviation	\$24.61	\$48.85	\$21.51									
Load Weighted Price **	\$55.40	\$104.52	\$48.01									
<u>RTC LBMP</u>												
Price *	\$46.98	\$95.06	\$43.43									
Standard Deviation	\$22.84	\$47.55	\$29.42									
Load Weighted Price **	\$48.59	\$97.62	\$45.10									
<u>REAL TIME LBMP</u>												
Price *	\$48.51	\$98.83	\$44.38									
Standard Deviation	\$25.99	\$52.53	\$29.07									
Load Weighted Price **	\$50.18	\$101.34	\$46.10									
Average Daily Energy Sendout/Month GWh	462	481	436									

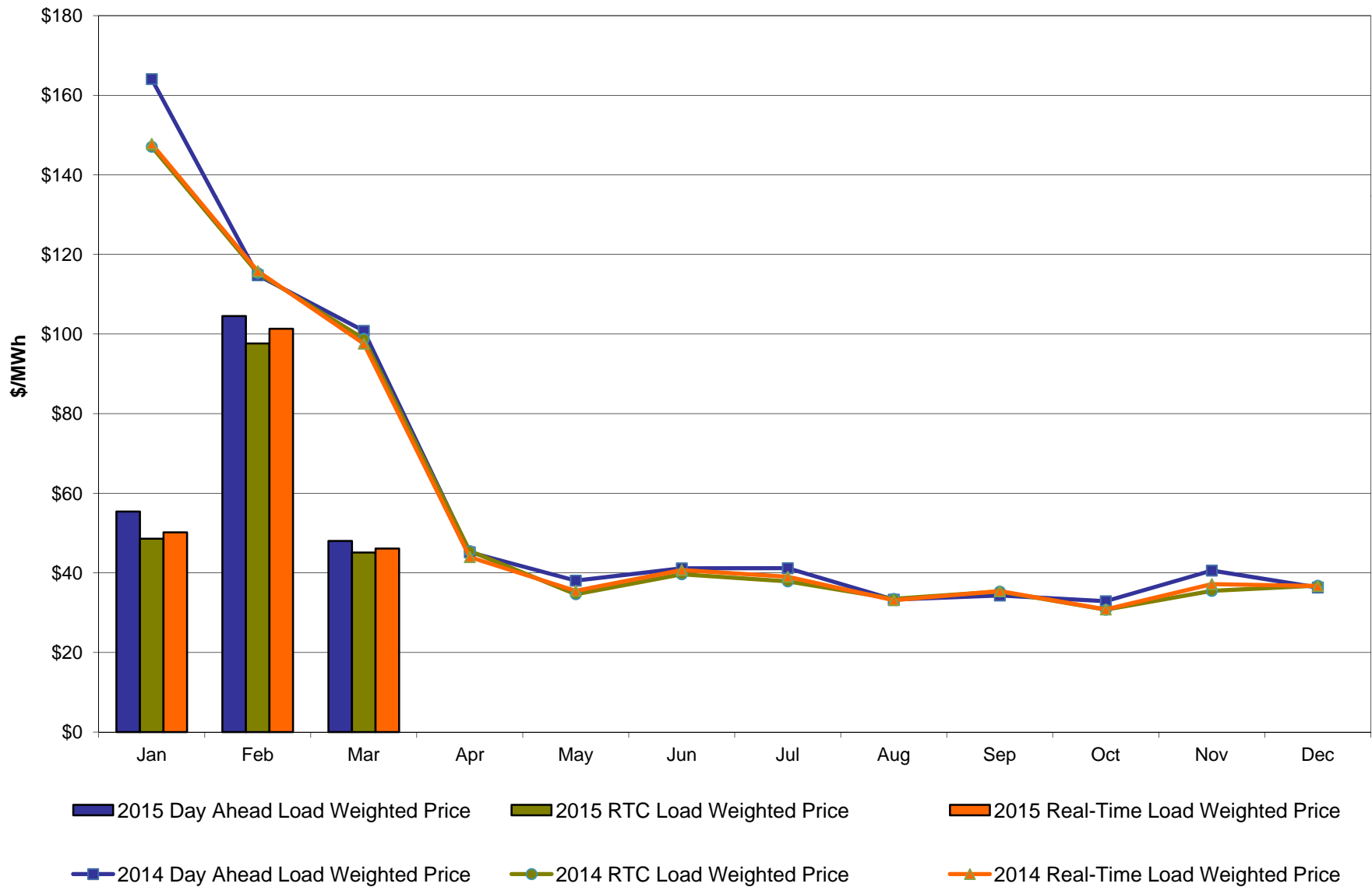
NYISO Markets 2014 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>DAY AHEAD LBMP</u>												
Price *	\$155.11	\$110.69	\$97.07	\$44.16	\$36.61	\$39.17	\$38.82	\$31.78	\$32.49	\$31.65	\$39.19	\$35.12
Standard Deviation	\$121.52	\$50.86	\$59.89	\$8.90	\$10.99	\$12.29	\$15.56	\$9.90	\$11.59	\$9.77	\$13.38	\$11.21
Load Weighted Price **	\$164.06	\$114.77	\$100.81	\$45.19	\$38.05	\$41.14	\$41.18	\$33.28	\$34.31	\$32.89	\$40.57	\$36.33
<u>RTC LBMP</u>												
Price *	\$138.41	\$110.71	\$94.71	\$44.00	\$33.16	\$37.34	\$35.32	\$31.74	\$32.89	\$29.23	\$34.27	\$34.99
Standard Deviation	\$125.42	\$72.22	\$97.72	\$27.44	\$17.51	\$25.39	\$24.90	\$23.34	\$33.68	\$20.45	\$14.23	\$35.81
Load Weighted Price **	\$147.06	\$115.31	\$98.80	\$45.48	\$34.63	\$39.64	\$37.85	\$33.48	\$35.31	\$30.74	\$35.46	\$36.79
<u>REAL TIME LBMP</u>												
Price *	\$137.90	\$111.51	\$93.37	\$42.79	\$34.06	\$38.23	\$35.97	\$31.21	\$32.50	\$29.36	\$36.01	\$34.80
Standard Deviation	\$122.32	\$70.35	\$89.05	\$19.38	\$17.15	\$23.33	\$27.27	\$18.18	\$33.51	\$21.14	\$17.99	\$42.67
Load Weighted Price **	\$147.77	\$115.80	\$97.58	\$43.97	\$35.46	\$40.71	\$39.00	\$33.13	\$35.42	\$30.81	\$37.17	\$36.69
Average Daily Energy Sendout/Month GWh	475	460	440	390	391	456	496	470	442	394	413	433

* Average zonal load weighted prices.

** Average zonal load weighted prices, load weighted in each hour.

NYISO Monthly Average Internal LBMPs 2014- 2015

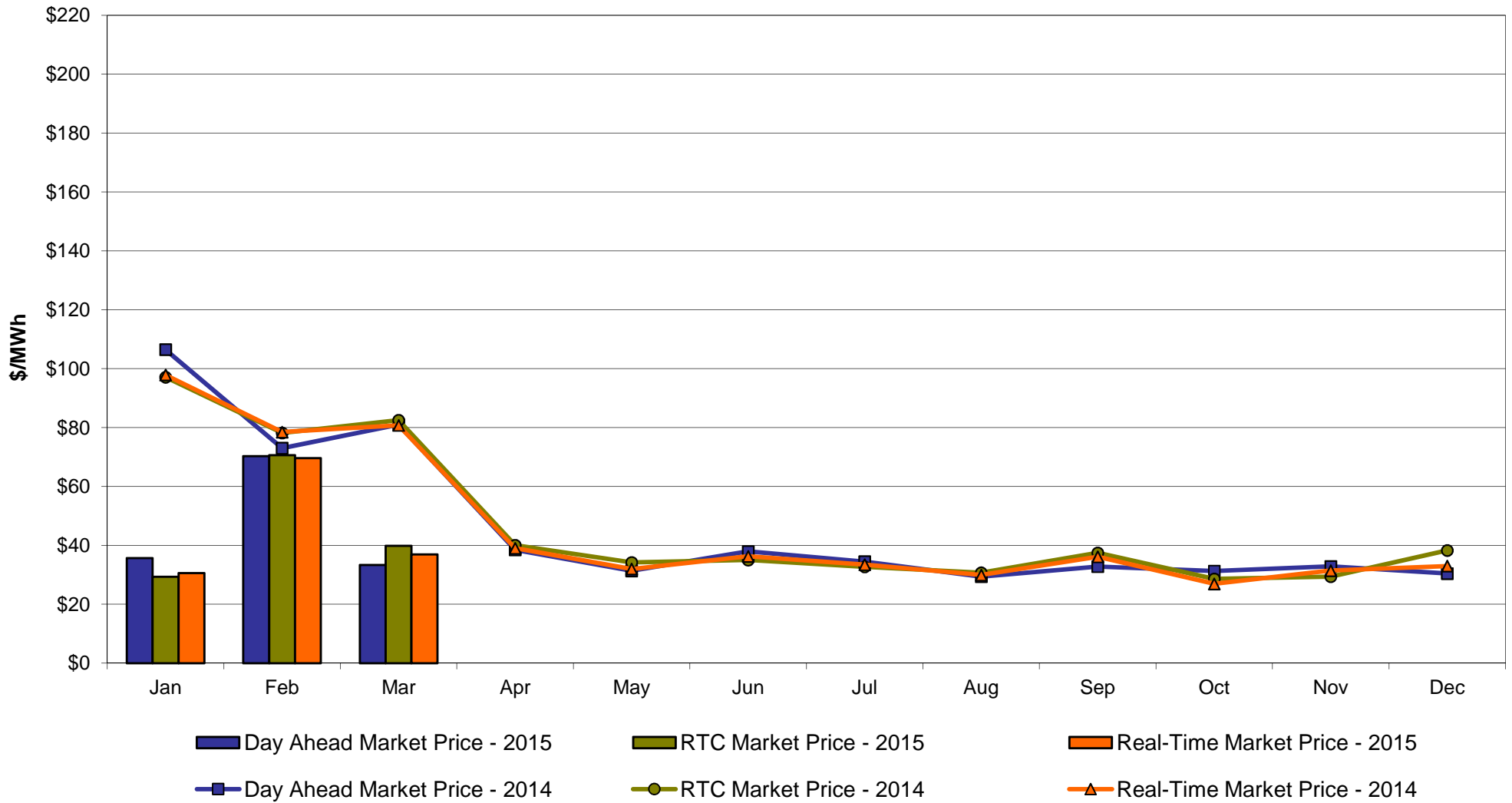


March 2015 Zonal LBMP Statistics for NYISO (\$/MWh)

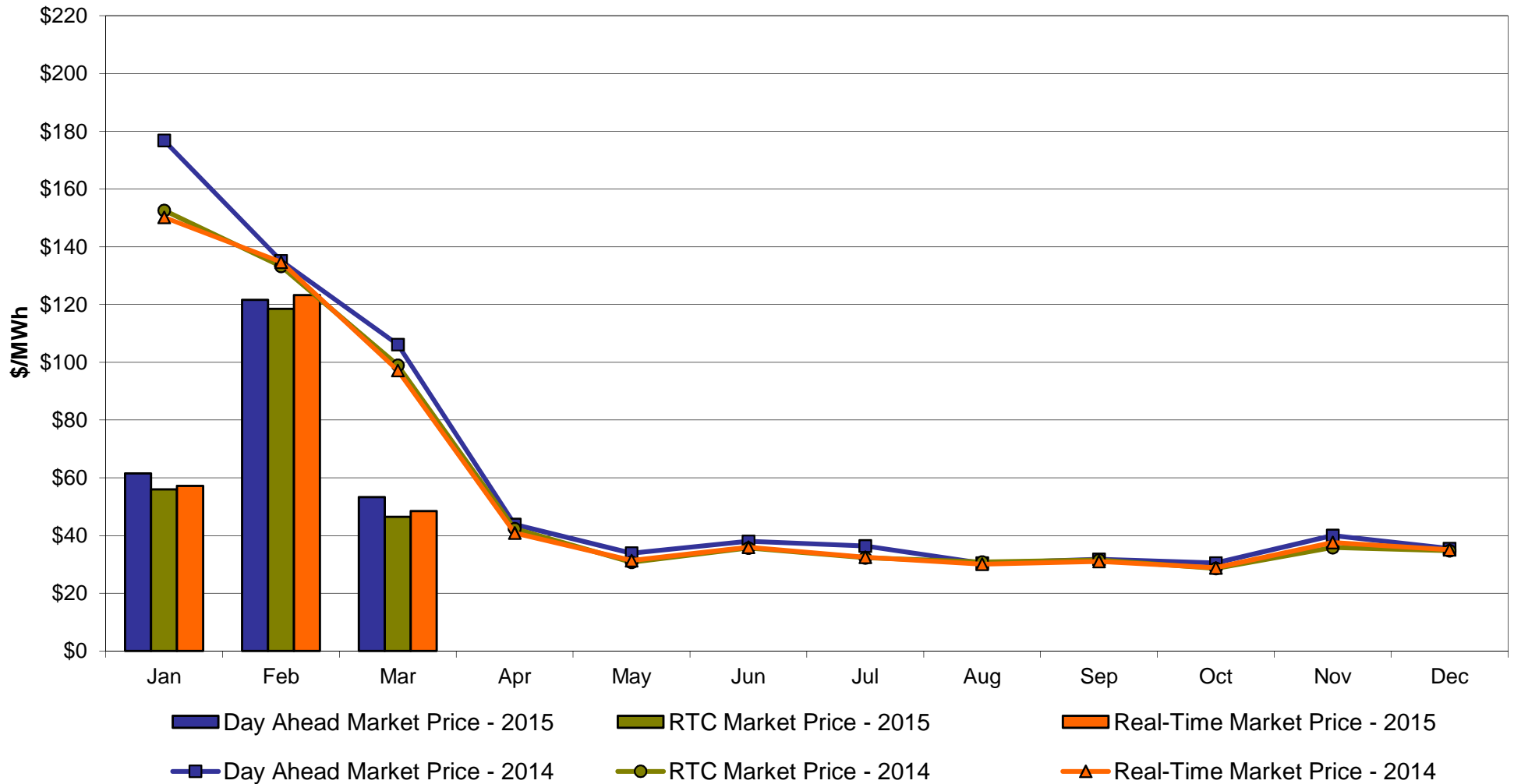
	<u>WEST</u> <u>Zone A</u>	<u>GENESEE</u> <u>Zone B</u>	<u>NORTH</u> <u>Zone D</u>	<u>CENTRAL</u> <u>Zone C</u>	<u>MOHAWK</u> <u>VALLEY</u> <u>Zone E</u>	<u>CAPITAL</u> <u>Zone F</u>	<u>HUDSON</u> <u>VALLEY</u> <u>Zone G</u>	<u>MILLWOOD</u> <u>Zone H</u>	<u>DUNWOODIE</u> <u>Zone I</u>	<u>NEW YORK</u> <u>CITY</u> <u>Zone J</u>	<u>LONG</u> <u>ISLAND</u> <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	33.29	35.89	33.77	37.35	38.65	53.34	50.35	51.23	51.08	51.26	55.62
Standard Deviation	9.42	16.45	15.22	16.09	16.93	27.99	24.07	25.46	25.32	25.33	30.80
RTC LBMP											
Unweighted Price *	39.83	34.32	32.88	36.85	37.30	46.51	44.96	45.43	45.30	45.49	51.82
Standard Deviation	48.82	24.57	24.22	25.50	25.46	32.46	29.73	30.40	30.26	30.21	51.51
REAL TIME LBMP											
Unweighted Price *	36.94	35.89	34.16	37.77	38.72	48.49	46.85	47.39	47.25	47.50	52.00
Standard Deviation	30.49	25.01	25.21	25.78	26.32	34.34	31.09	31.98	31.84	31.80	41.24
	<u>ONTARIO</u> <u>IESO</u> <u>Zone O</u>	<u>HYDRO</u> <u>QUEBEC</u> <u>(Wheel)</u> <u>Zone M</u>	<u>HYDRO</u> <u>QUEBEC</u> <u>(Import/Export)</u> <u>Zone M</u>	<u>PJM</u> <u>Zone P</u>	<u>NEW</u> <u>ENGLAND</u> <u>Zone N</u>	<u>CROSS</u> <u>SOUND</u> <u>CABLE</u> <u>Controllable</u> <u>Line</u>	<u>NORTHPORT-</u> <u>NORWALK</u> <u>Controllable</u> <u>Line</u>	<u>NEPTUNE</u> <u>Controllable</u> <u>Line</u>	<u>LINDEN VFT</u> <u>Controllable</u> <u>Line</u>	<u>HUDSON</u> <u>Controllable</u> <u>Line</u>	<u>Dennison</u> <u>Controllable</u> <u>Line</u>
DAY AHEAD LBMP											
Unweighted Price *	32.06	33.74	32.05	43.02	61.43	55.02	54.62	53.33	47.76	51.25	33.26
Standard Deviation	8.80	15.25	13.41	17.54	30.77	28.18	26.60	27.18	23.99	25.39	15.05
RTC LBMP											
Unweighted Price *	27.71	32.50	30.46	40.91	45.39	50.83	50.57	49.43	36.71	45.12	32.18
Standard Deviation	18.00	23.11	21.42	24.63	30.14	48.15	47.58	46.74	50.29	29.65	24.03
REAL TIME LBMP											
Unweighted Price *	31.41	33.71	31.80	41.84	61.26	51.98	57.39	50.00	44.51	47.08	33.83
Standard Deviation	16.43	24.35	23.74	25.59	42.10	40.74	43.43	38.08	29.04	31.44	25.79

* Straight LBMP averages

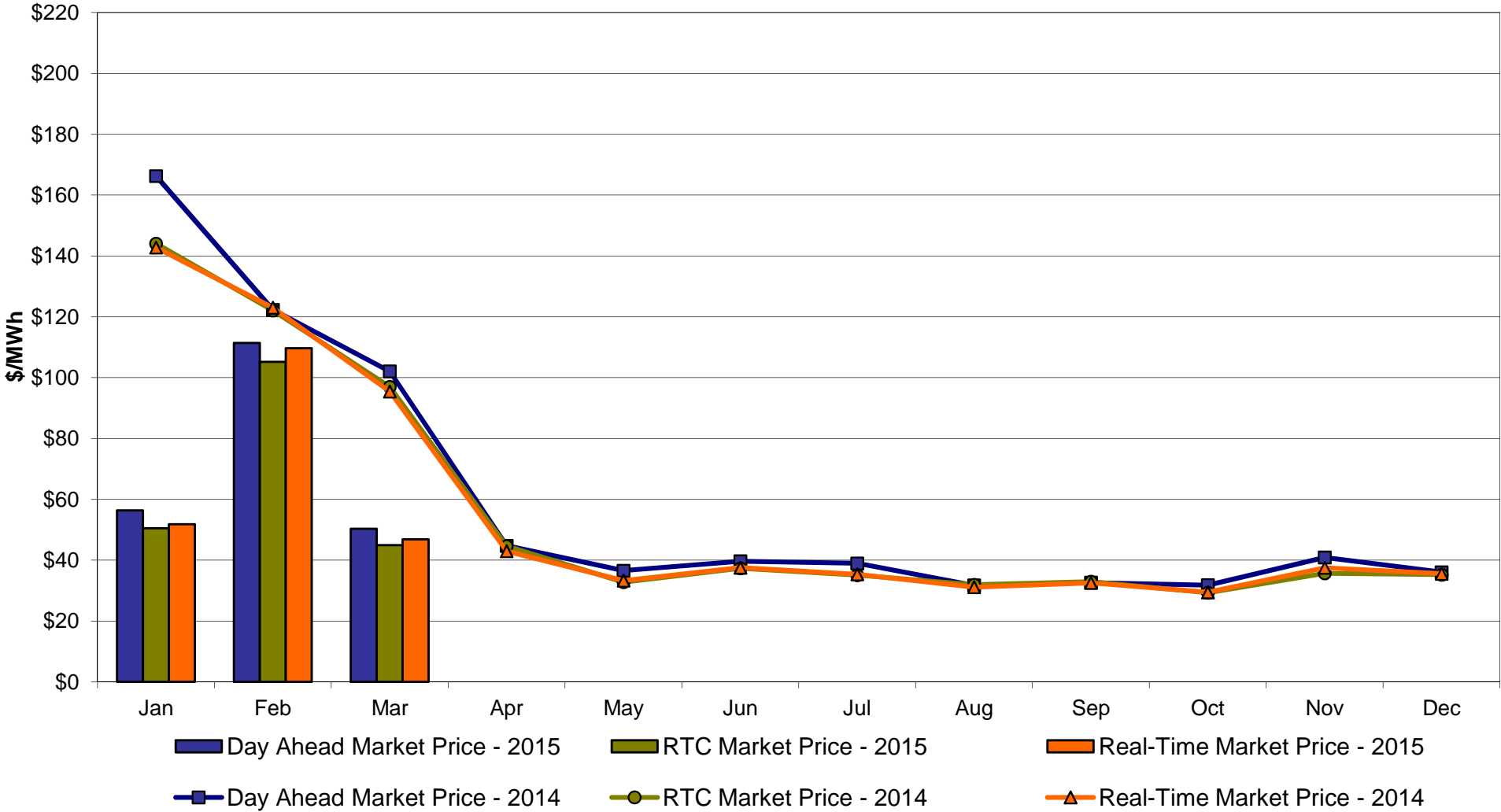
West Zone A Monthly Average LBMP Prices 2014 - 2015



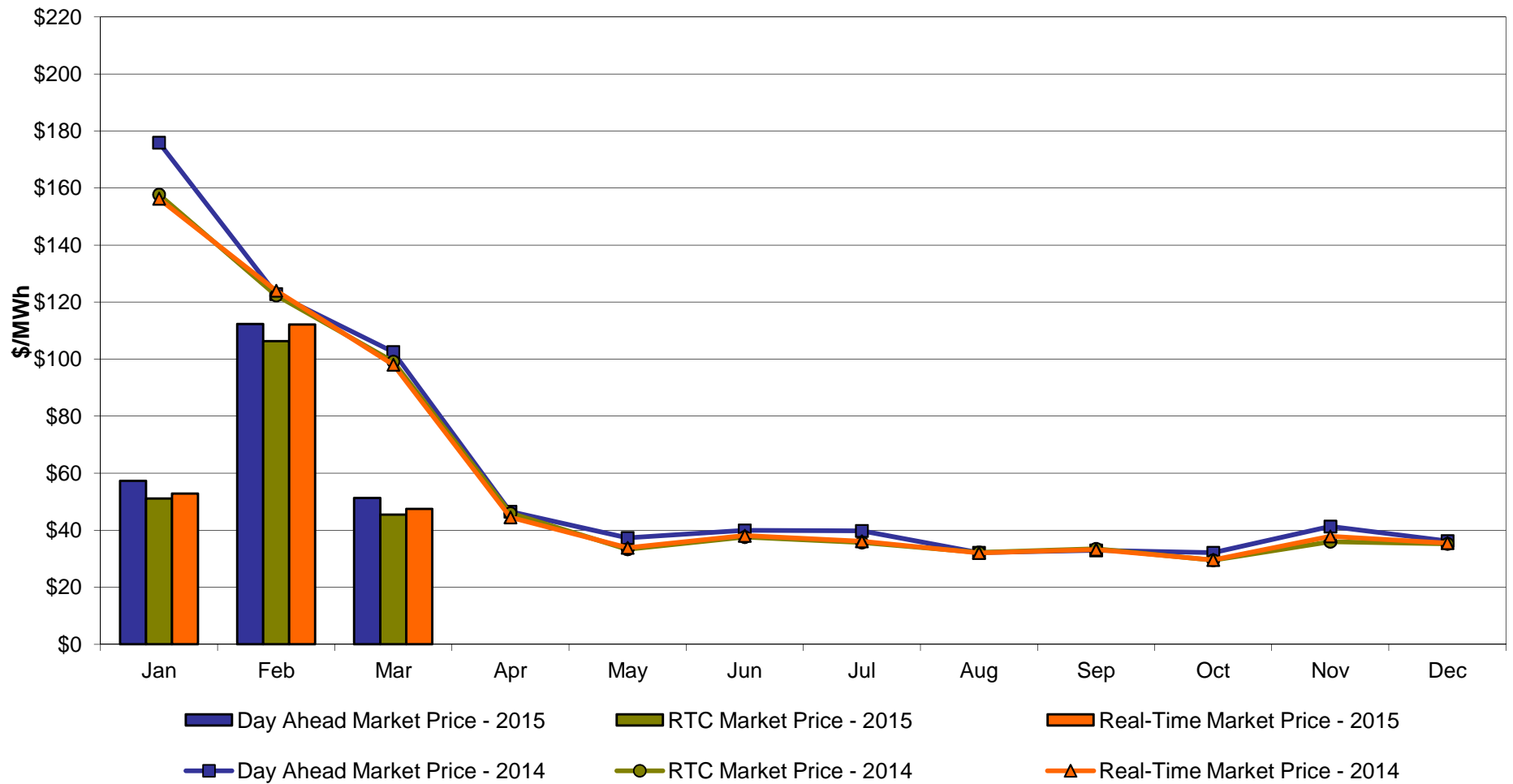
Capital Zone F Monthly Average LBMP Prices 2014 - 2015



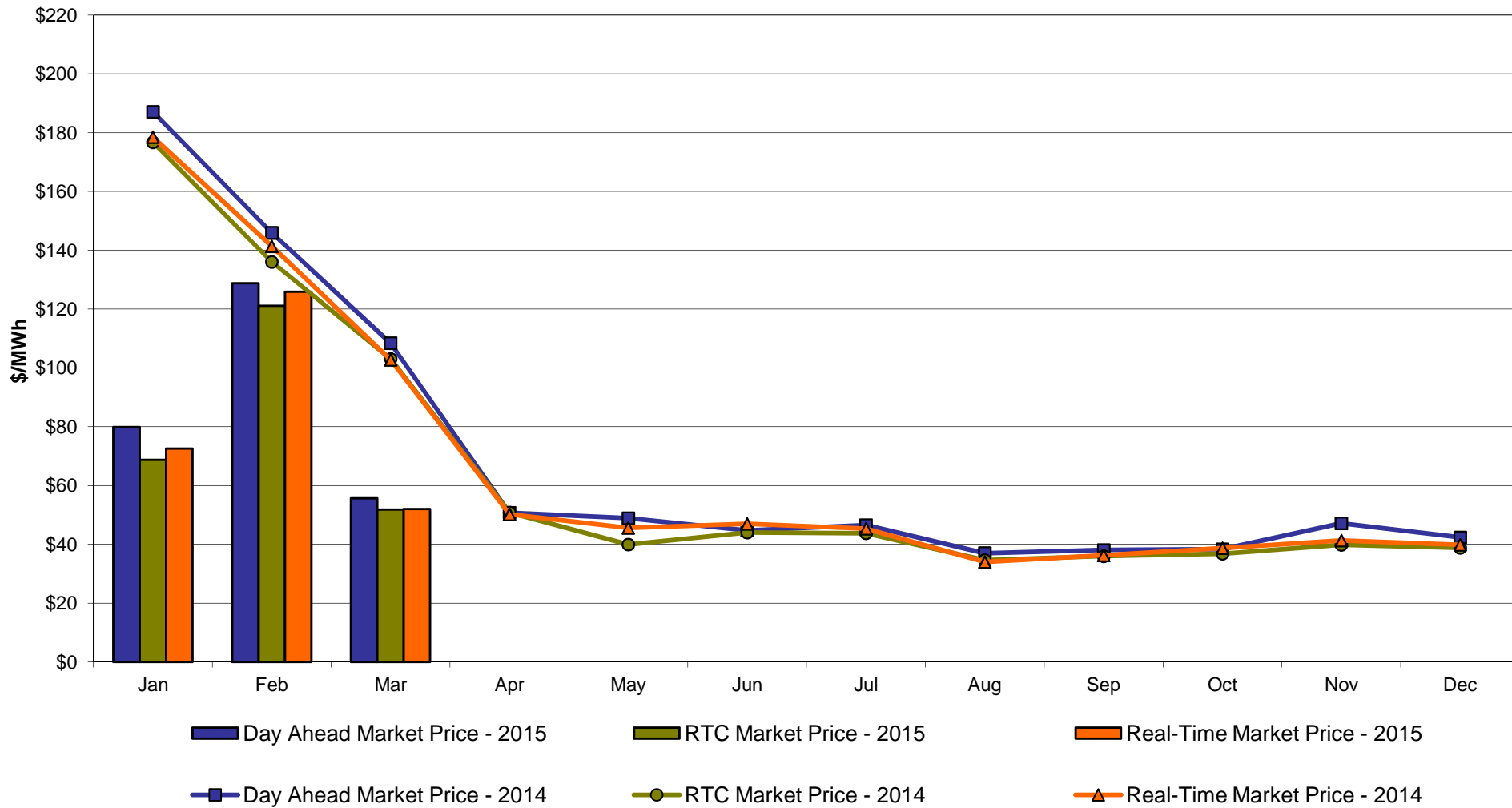
Hudson Valley Zone G Monthly Average LBMP Prices 2014 - 2015



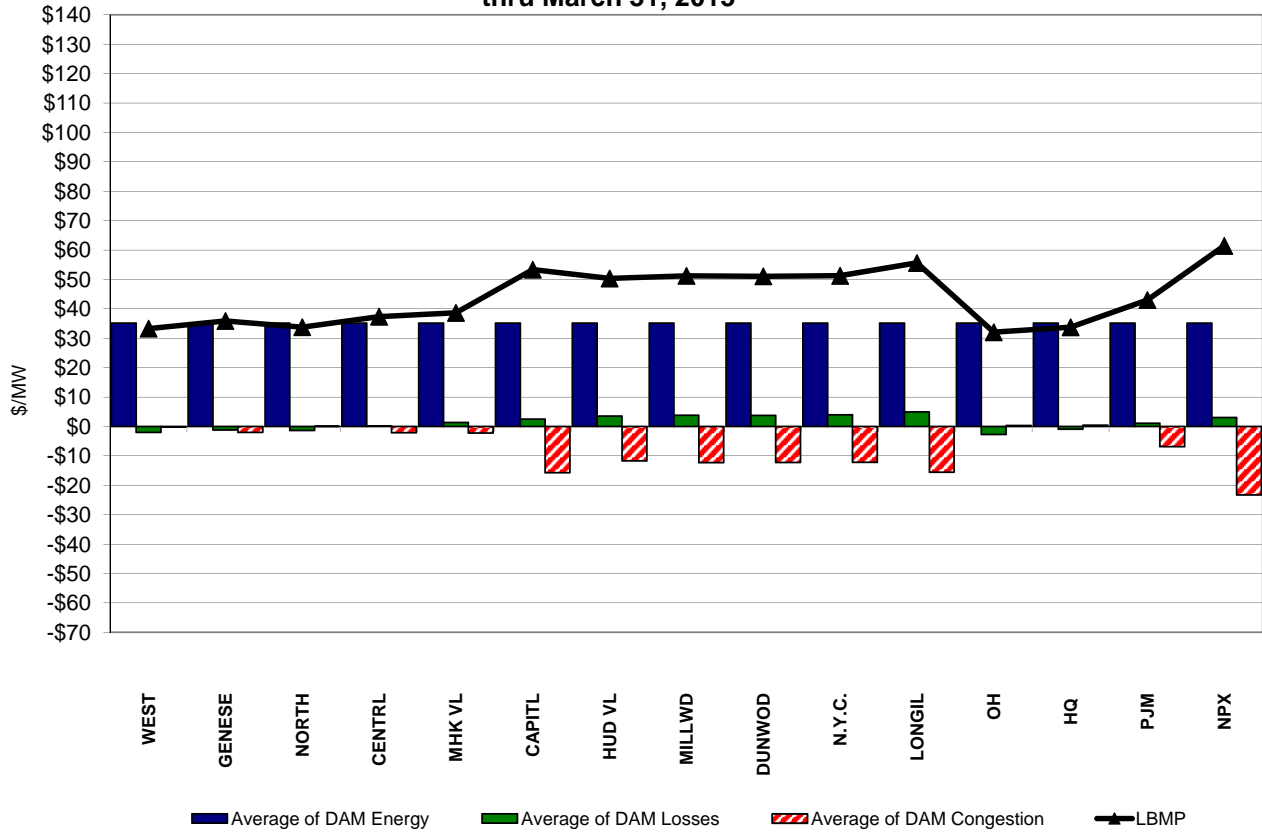
NYC Zone J Monthly Average LBMP Prices 2014 - 2015



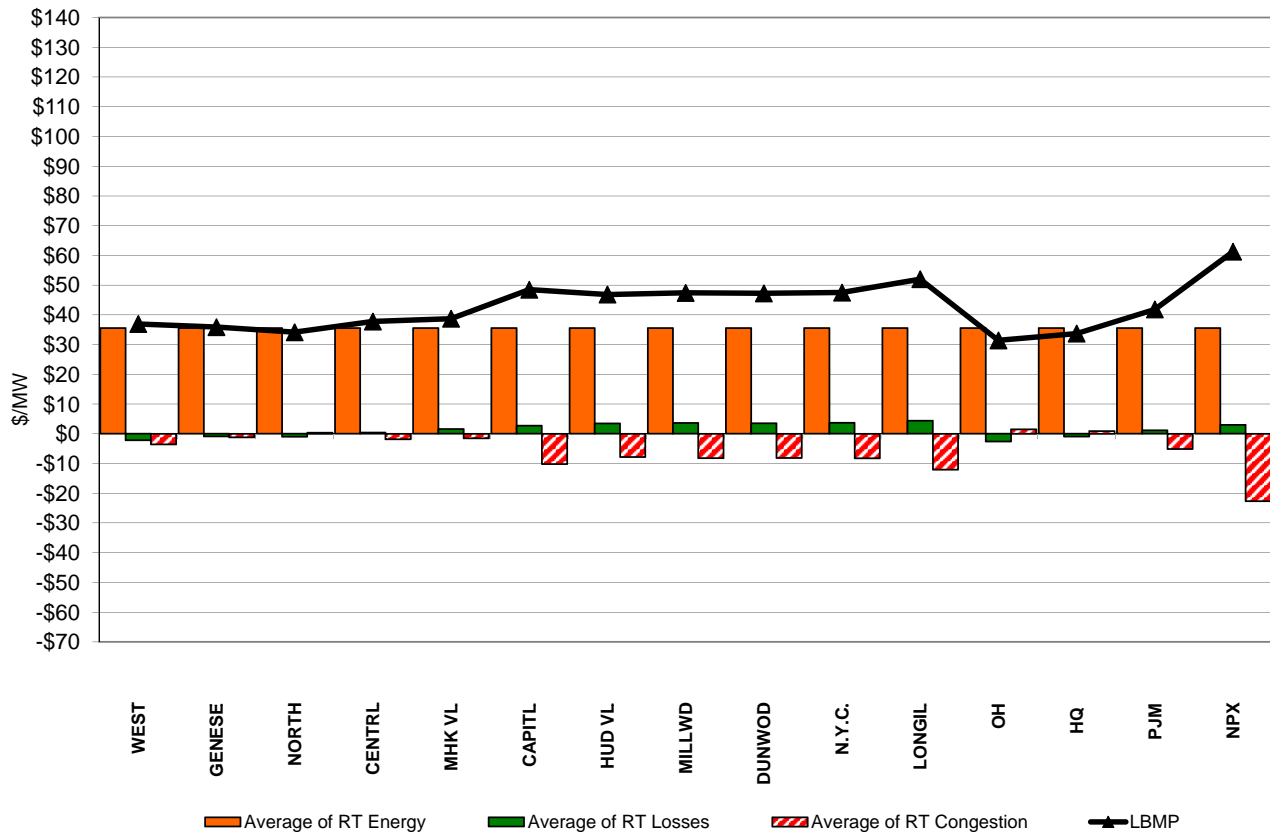
Long Island Zone K Monthly Average LBMP Prices 2014 - 2015



DAM Zonal Unweighted Monthly Average LBMP Components thru March 31, 2015

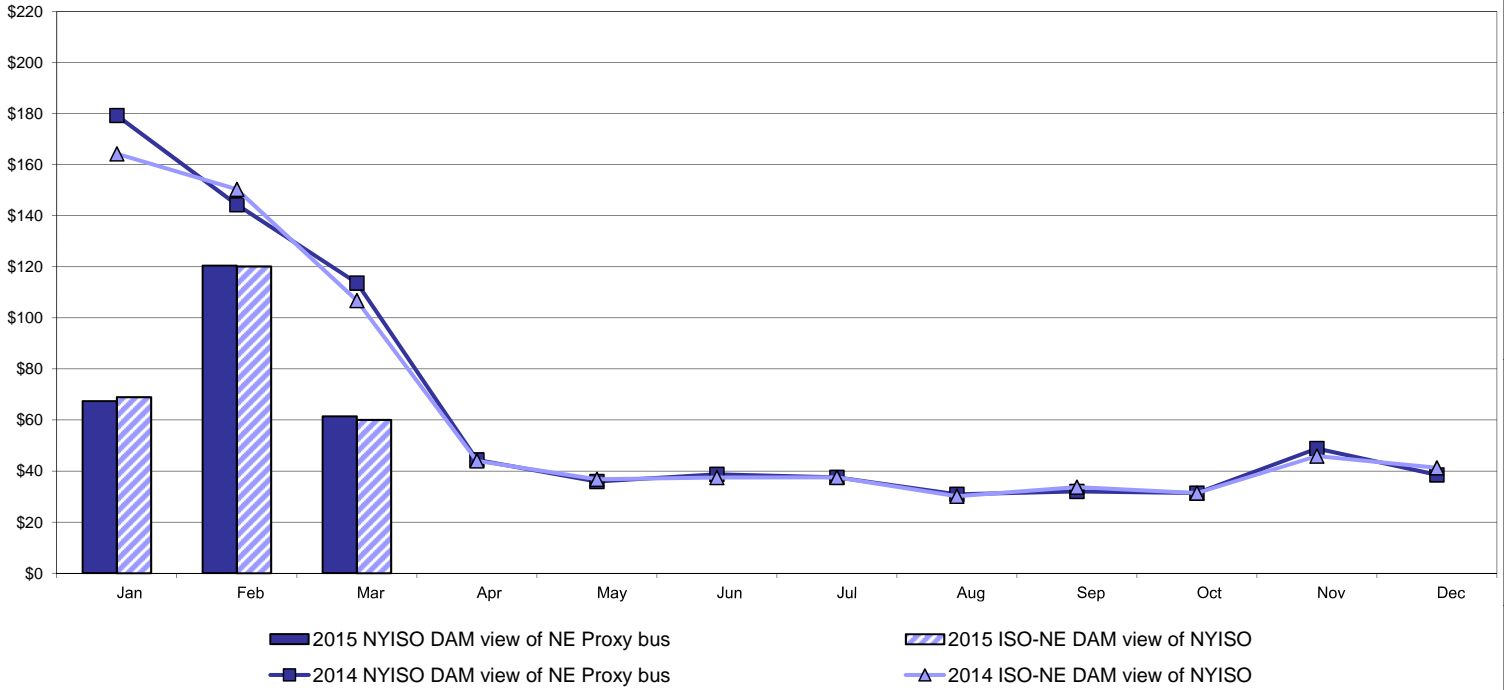


RT Zonal Unweighted Monthly Average LBMP Components thru March 31, 2015

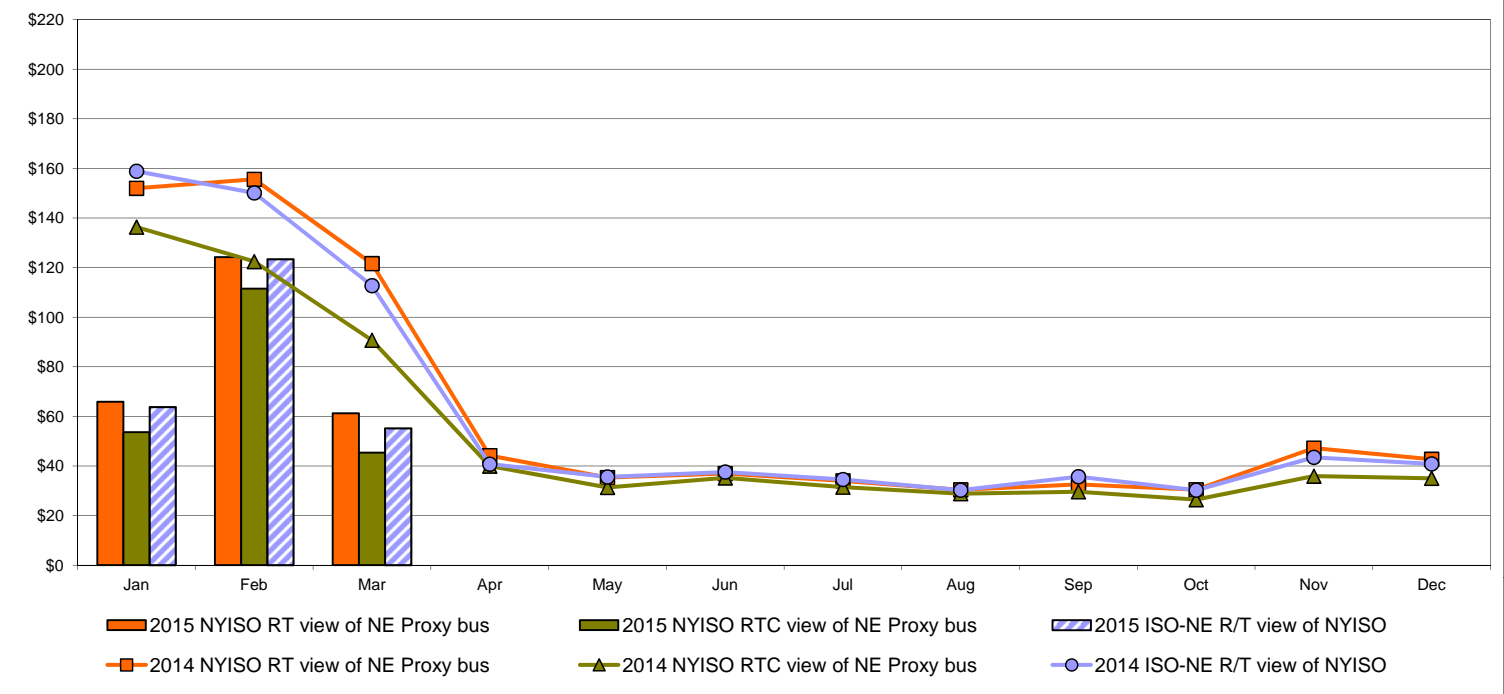


External Comparison ISO-New England

Day Ahead Market External Zone Comparison: ISO-NE (\$/MWh)

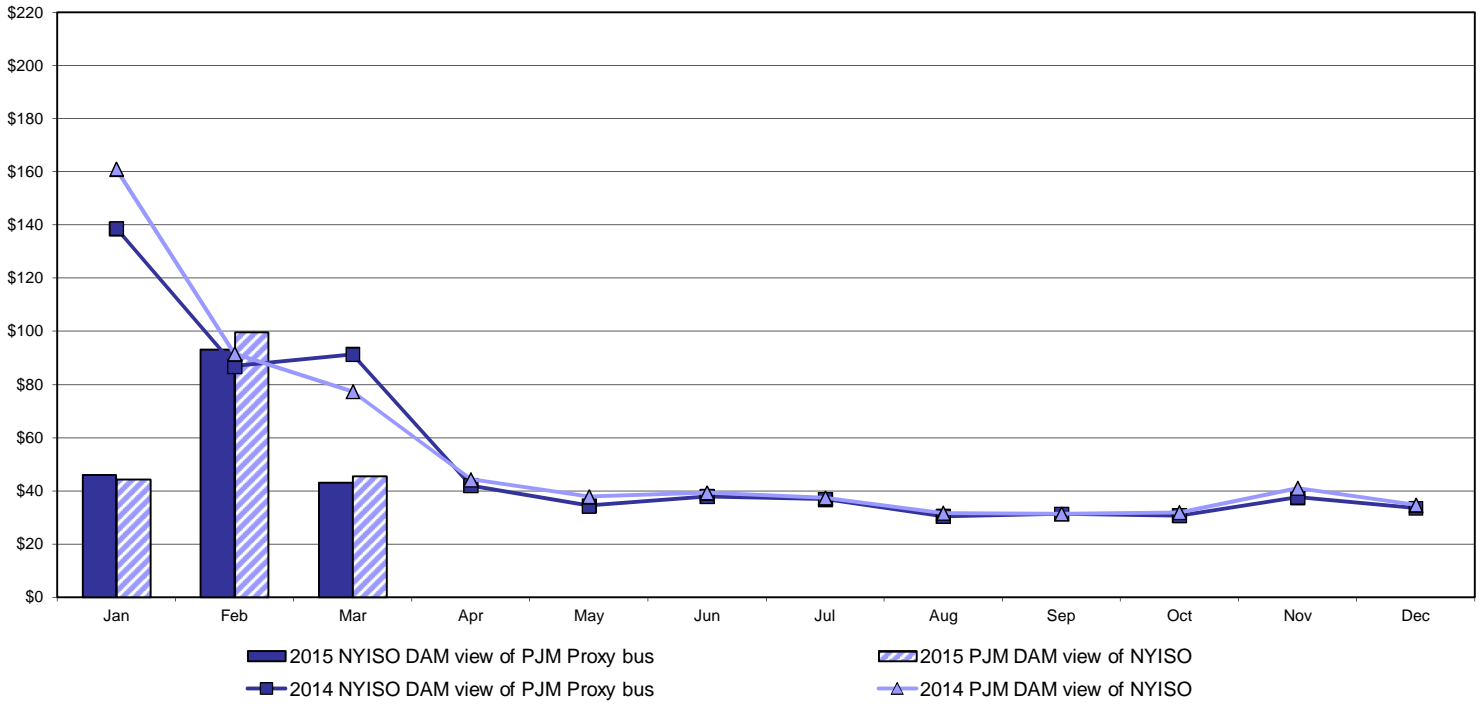


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

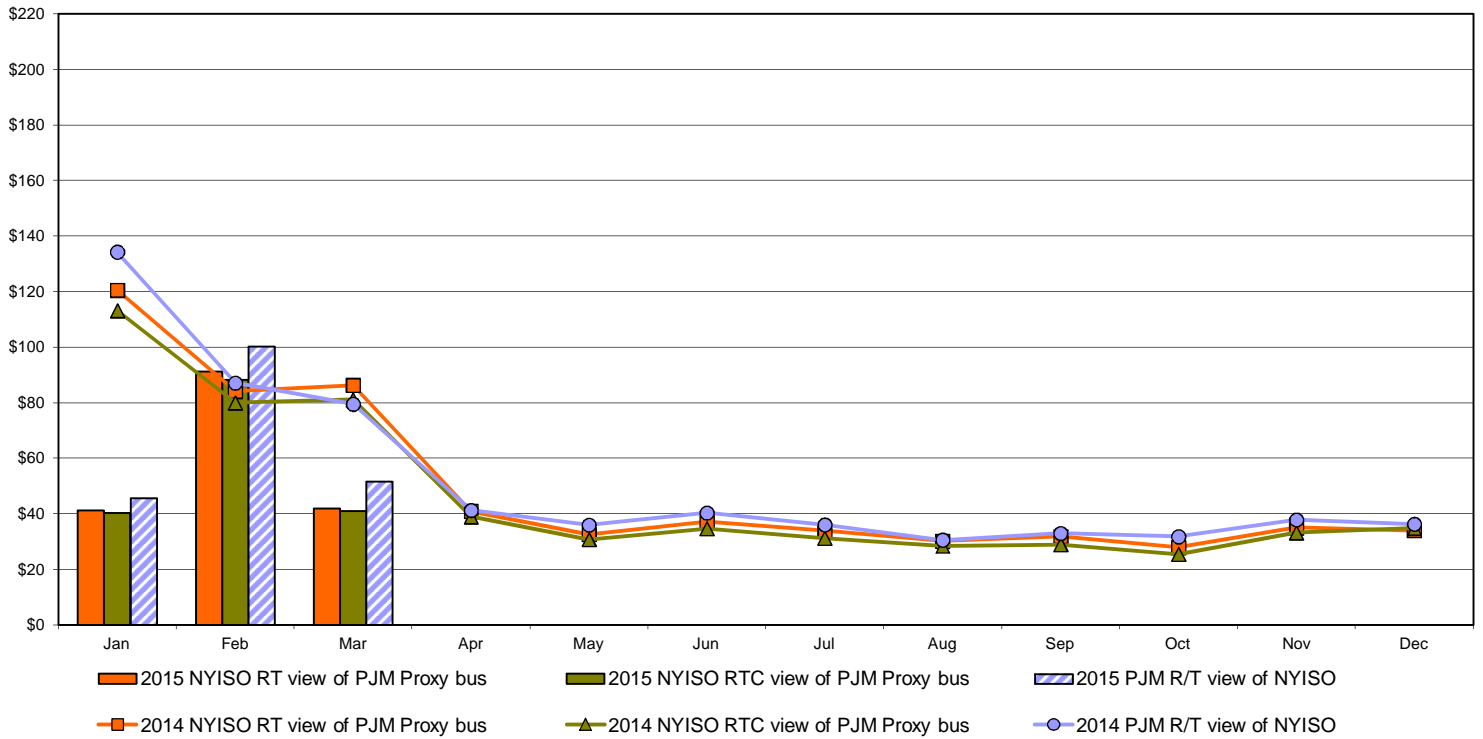


External Comparison PJM

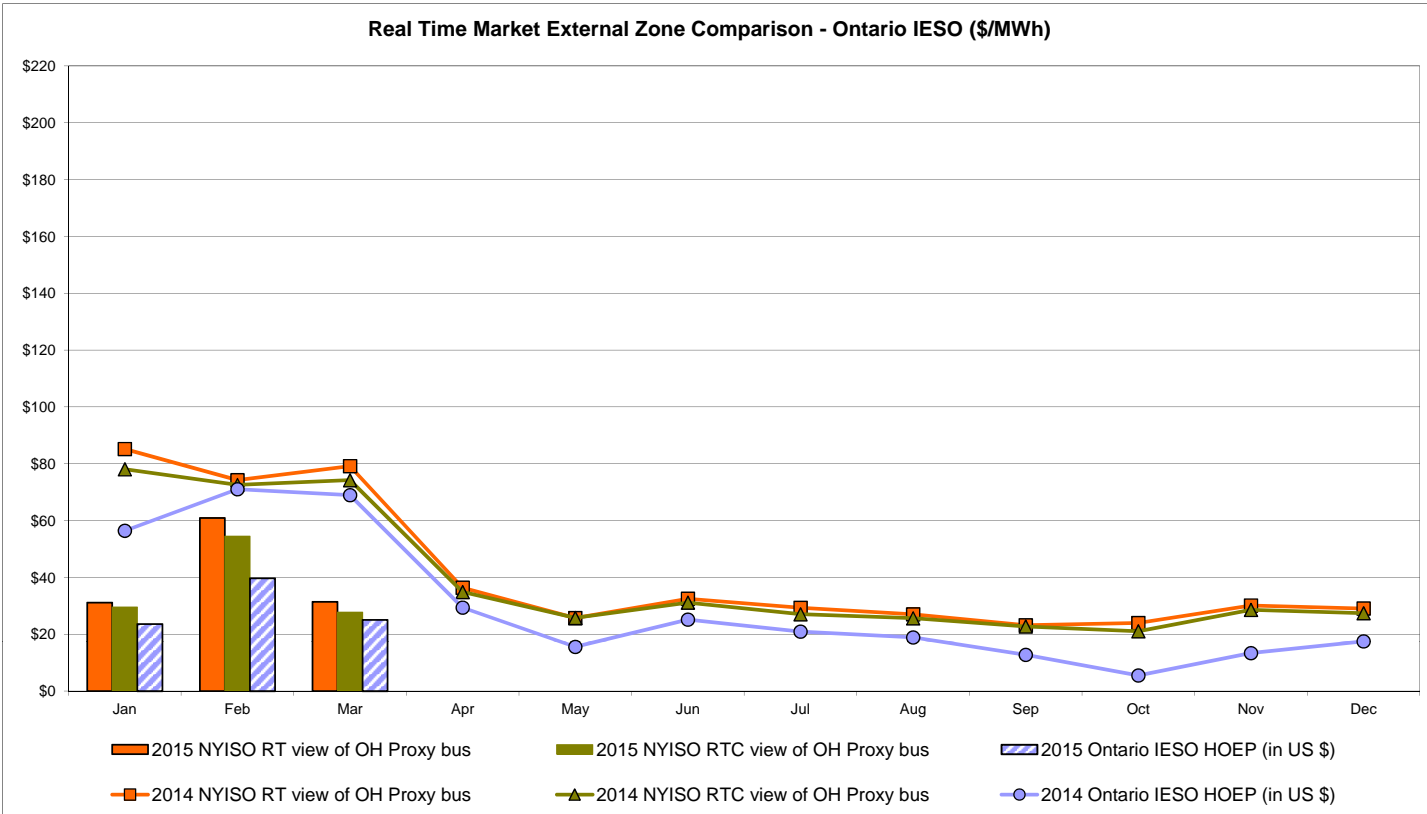
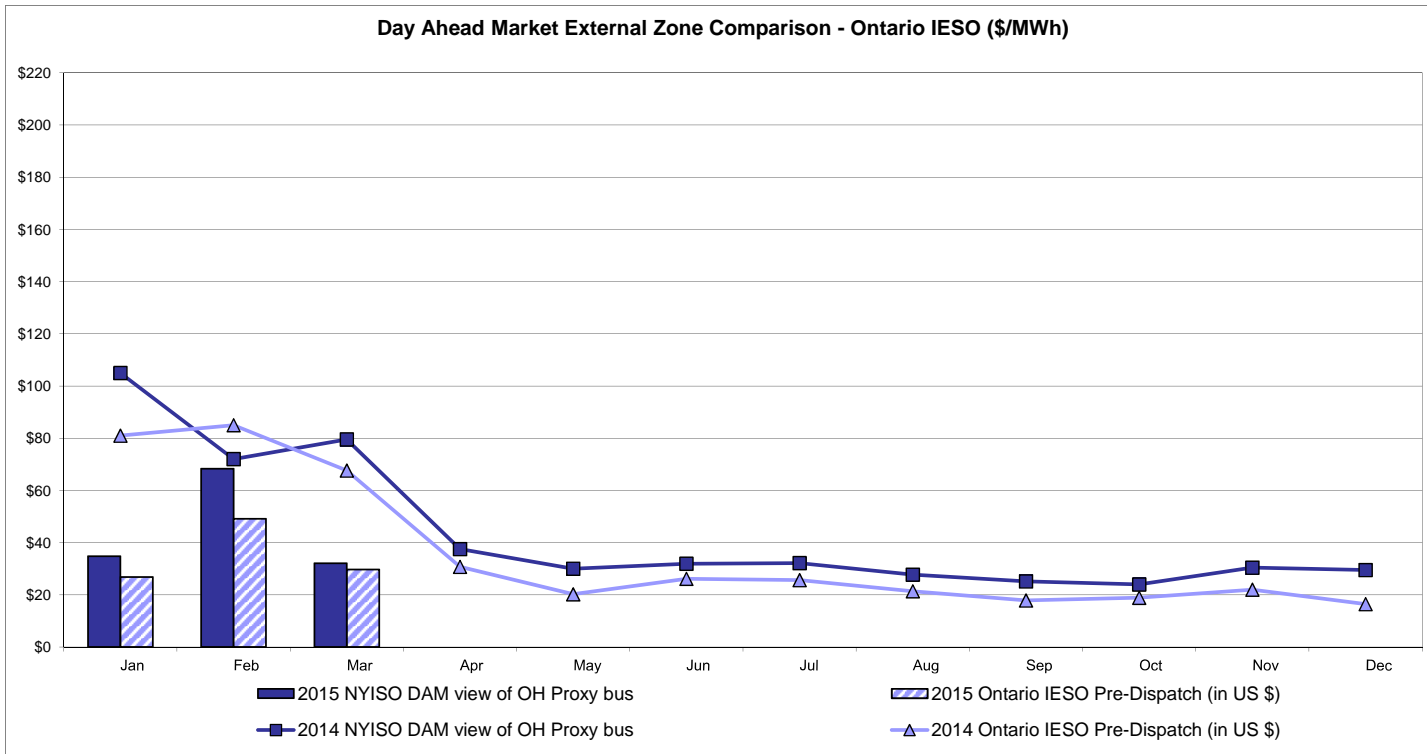
Day Ahead Market External Zone Comparison - PJM (\$/MWh)



Real Time Market External Zone Comparison - PJM (\$/MWh)

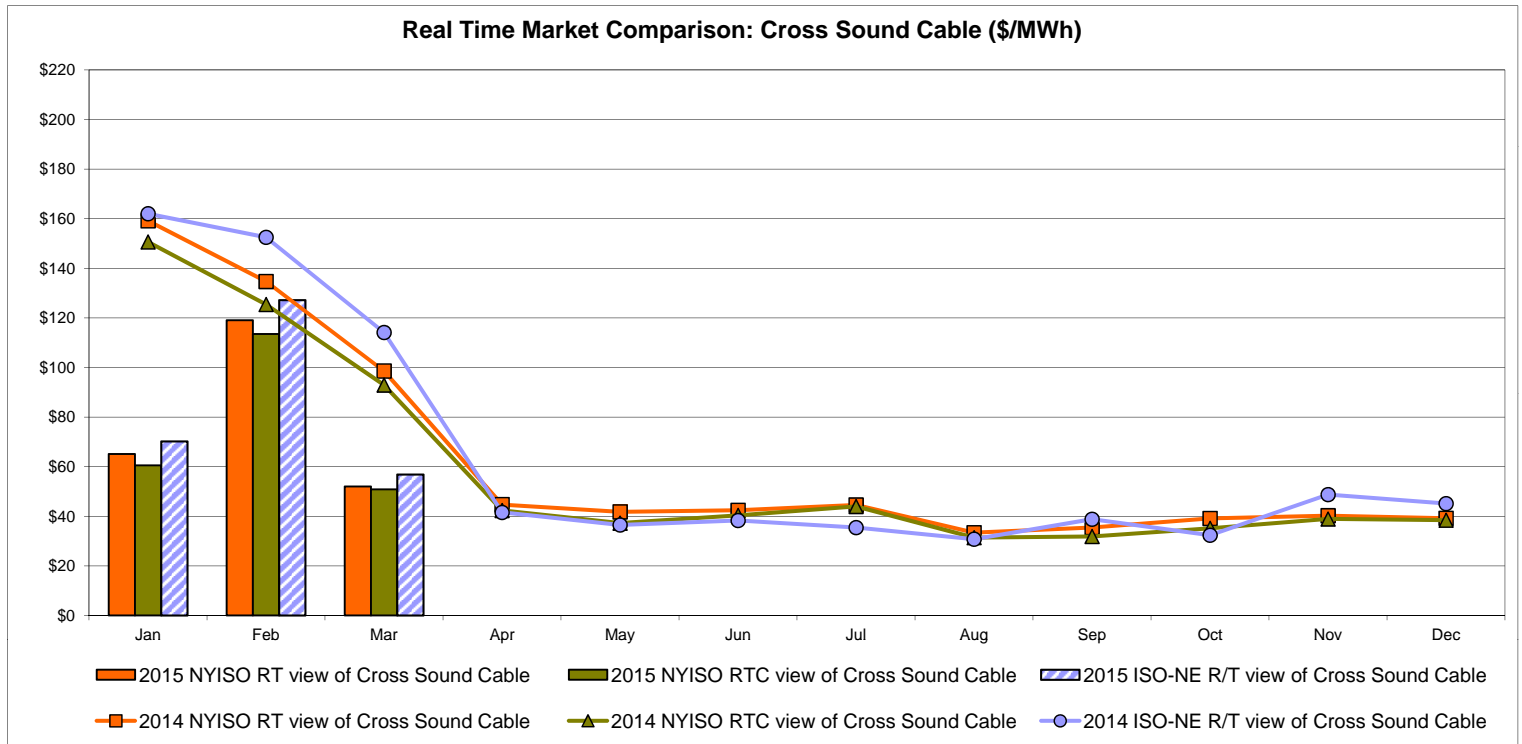
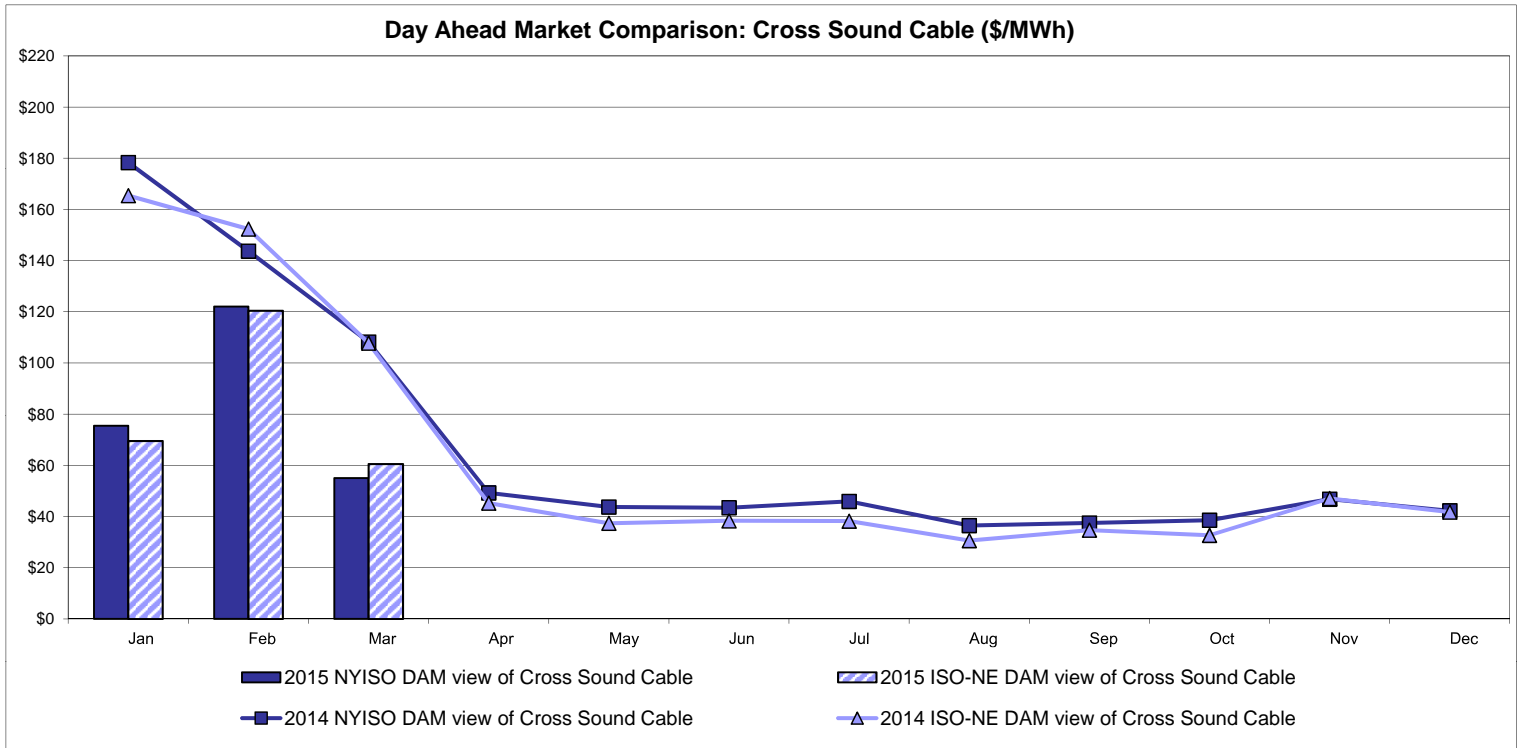


External Comparison Ontario IESO



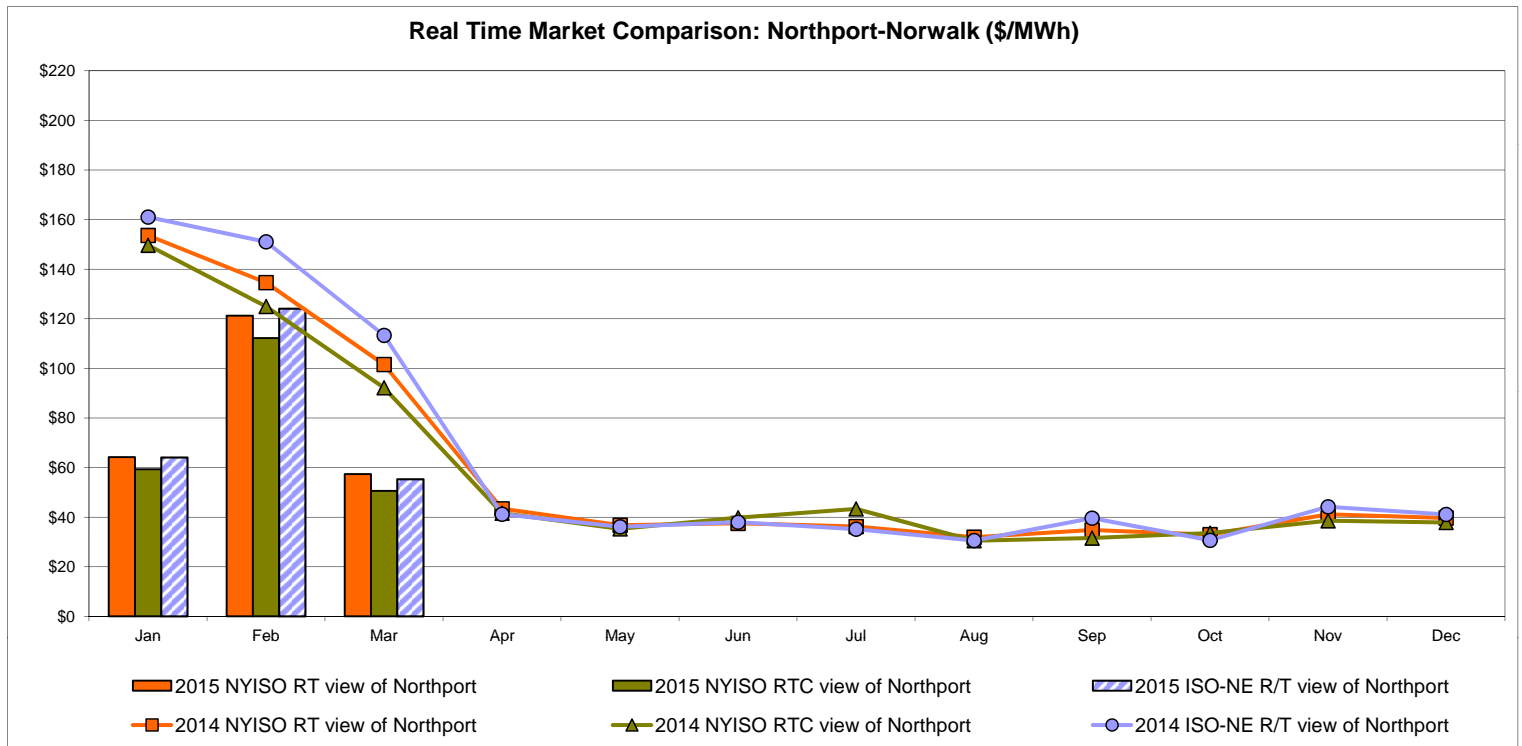
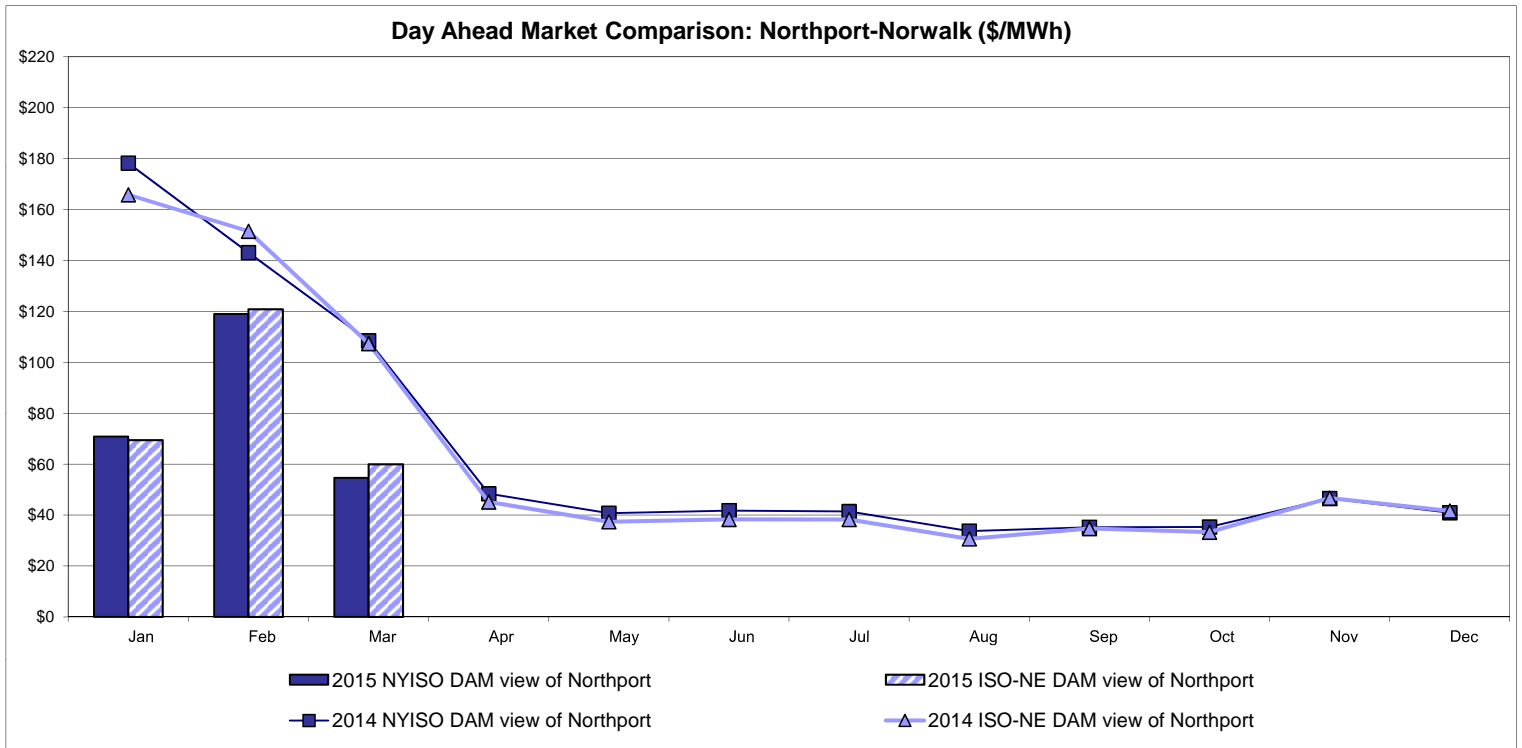
Notes: Exchange factor used for March 2015 was 0.792896 to US
 HOEP: Hourly Ontario Energy Price
 Pre-Dispatch: Projected Energy Price

External Controllable Line: Cross Sound Cable (New England)



Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before.
 The DAM and R/T prices at the Shorham 13899 interface are used for ISO-NE.
 The DAM and R/T prices at the CSC interface are used for NYISO.

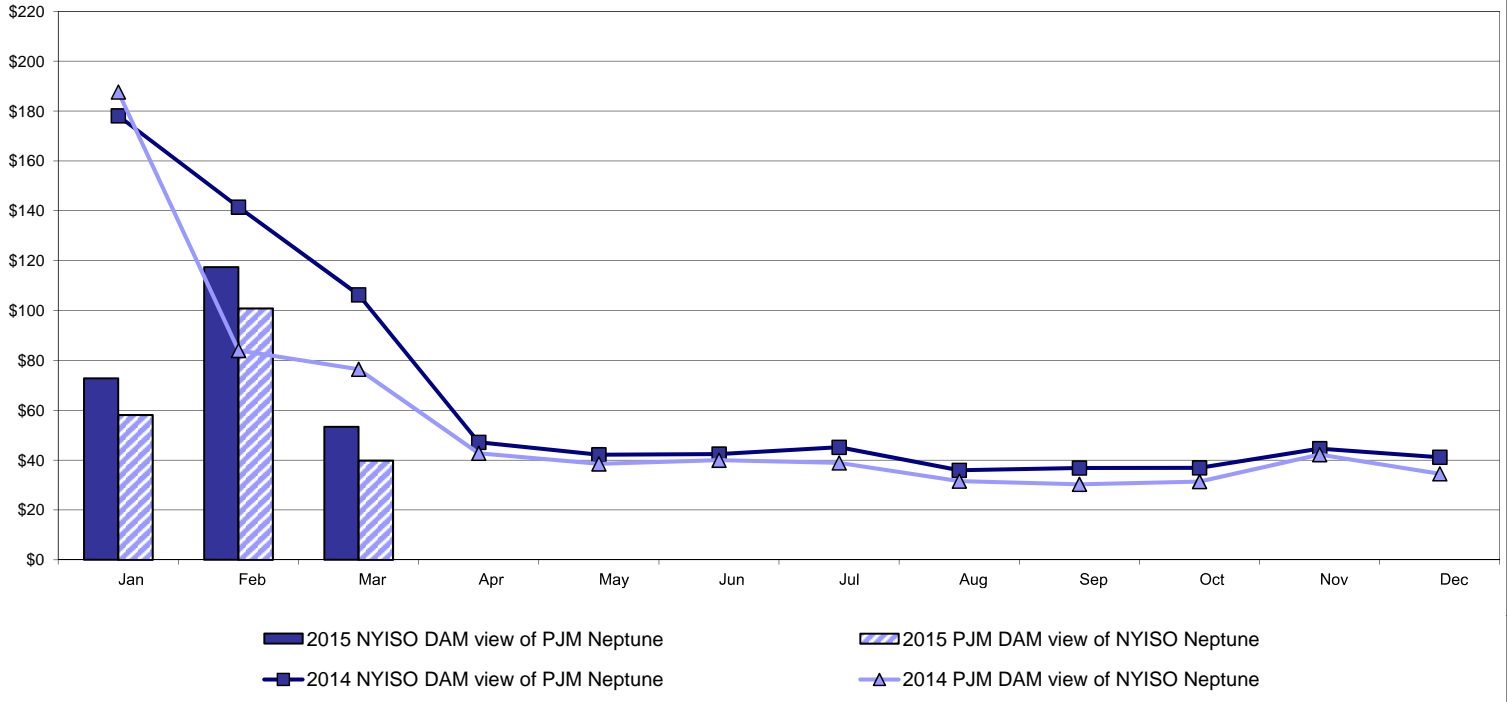
External Controllable Line: Northport - Norwalk (New England)



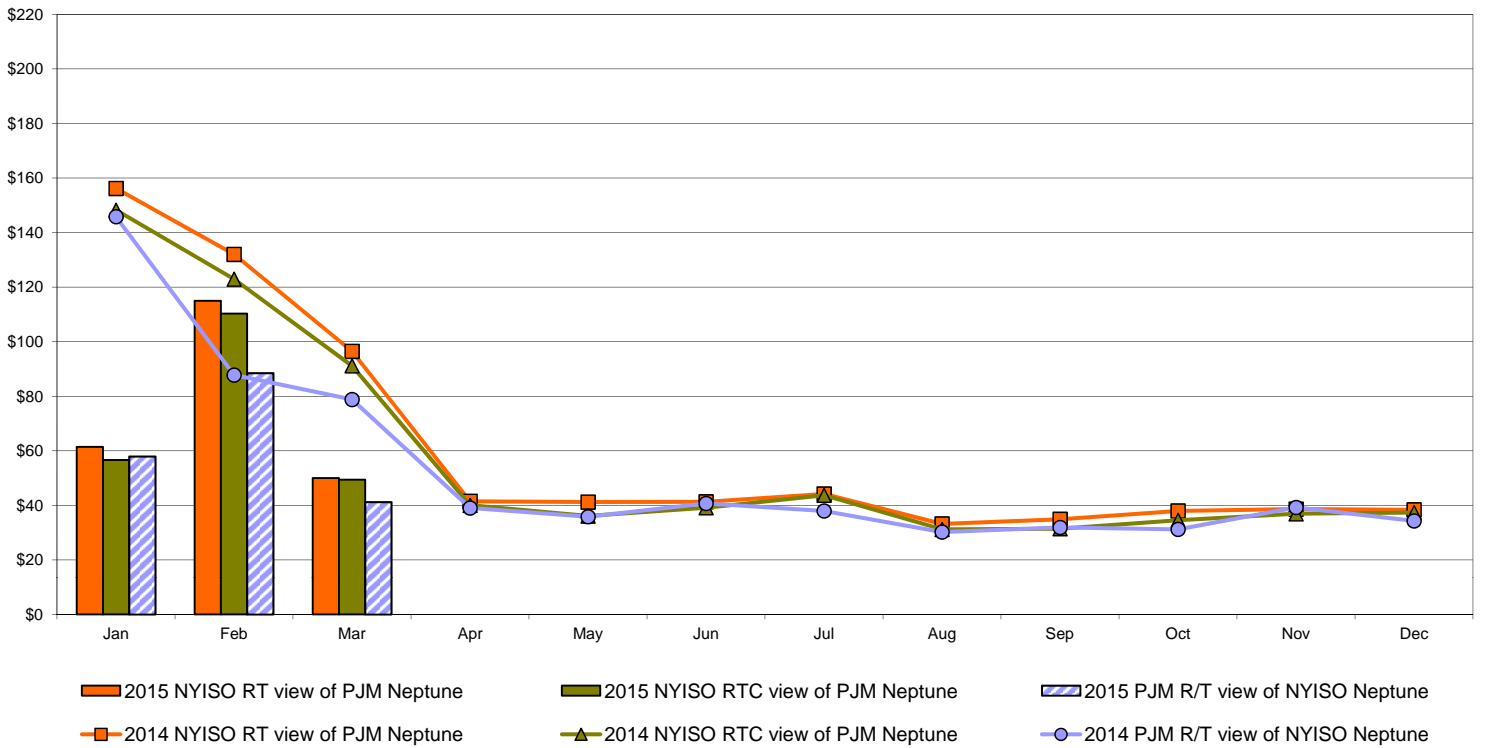
Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before.
 The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.
 The DAM and R/T prices at the 1385 interface are used for NYISO.

External Controllable Line: Neptune (PJM)

Day Ahead Market Comparison: Neptune (\$/MWh)

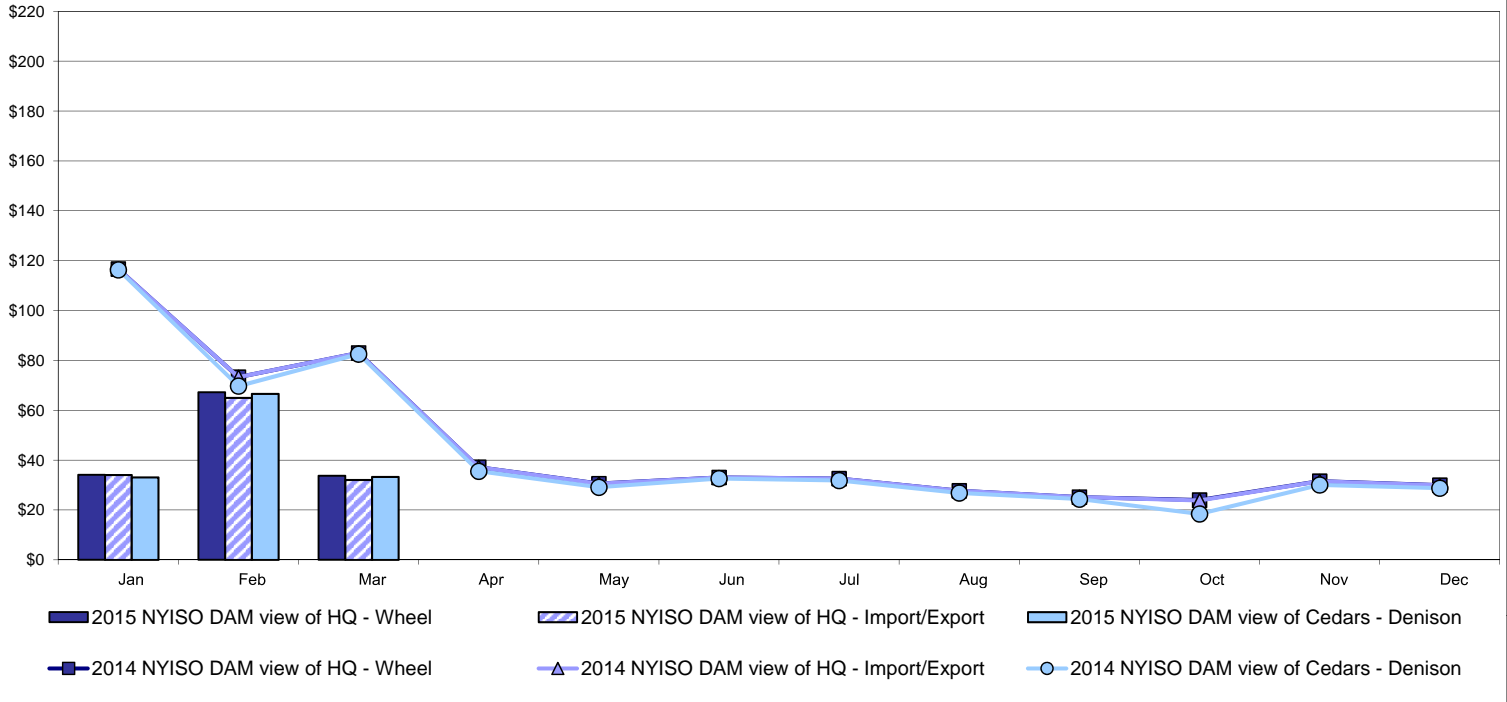


Real Time Market Comparison: Neptune (\$/MWh)

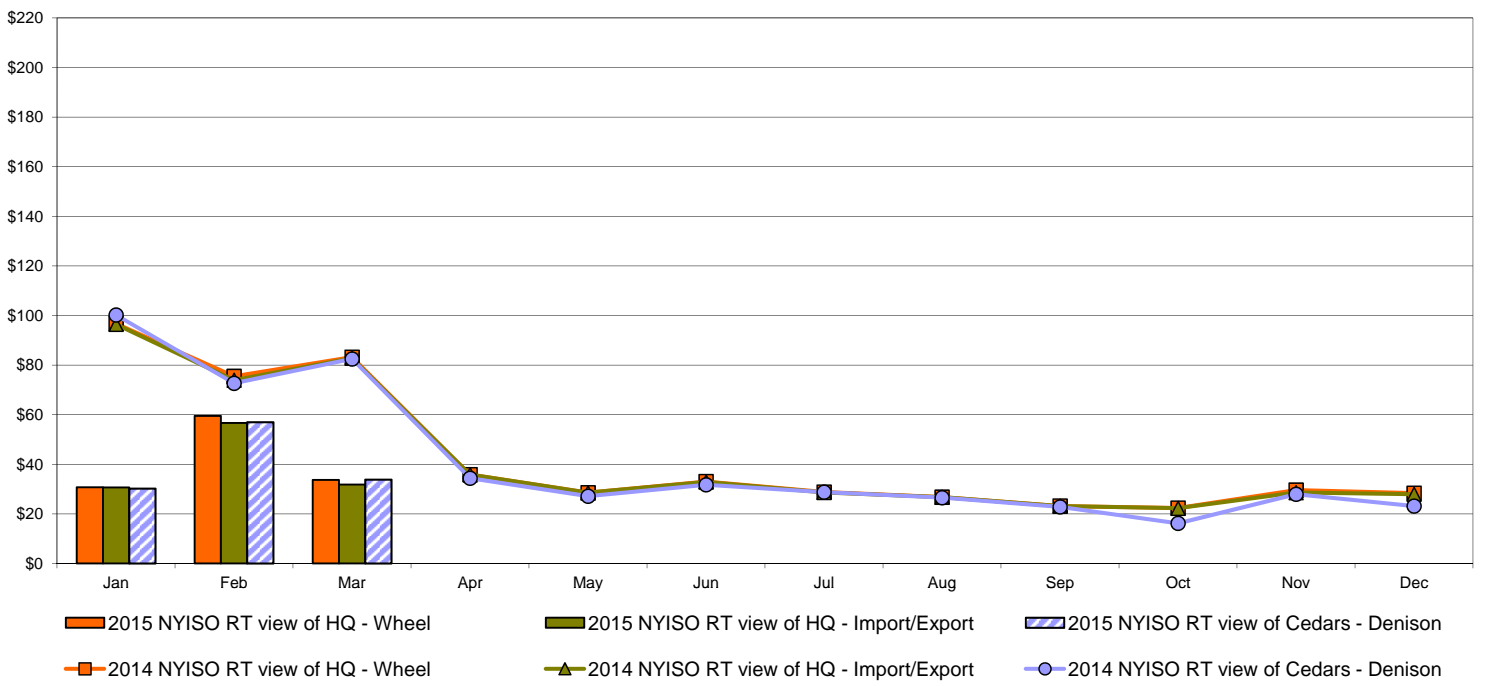


External Comparison Hydro-Quebec

Day Ahead Market External Zone Comparison - HQ (\$/MWh)

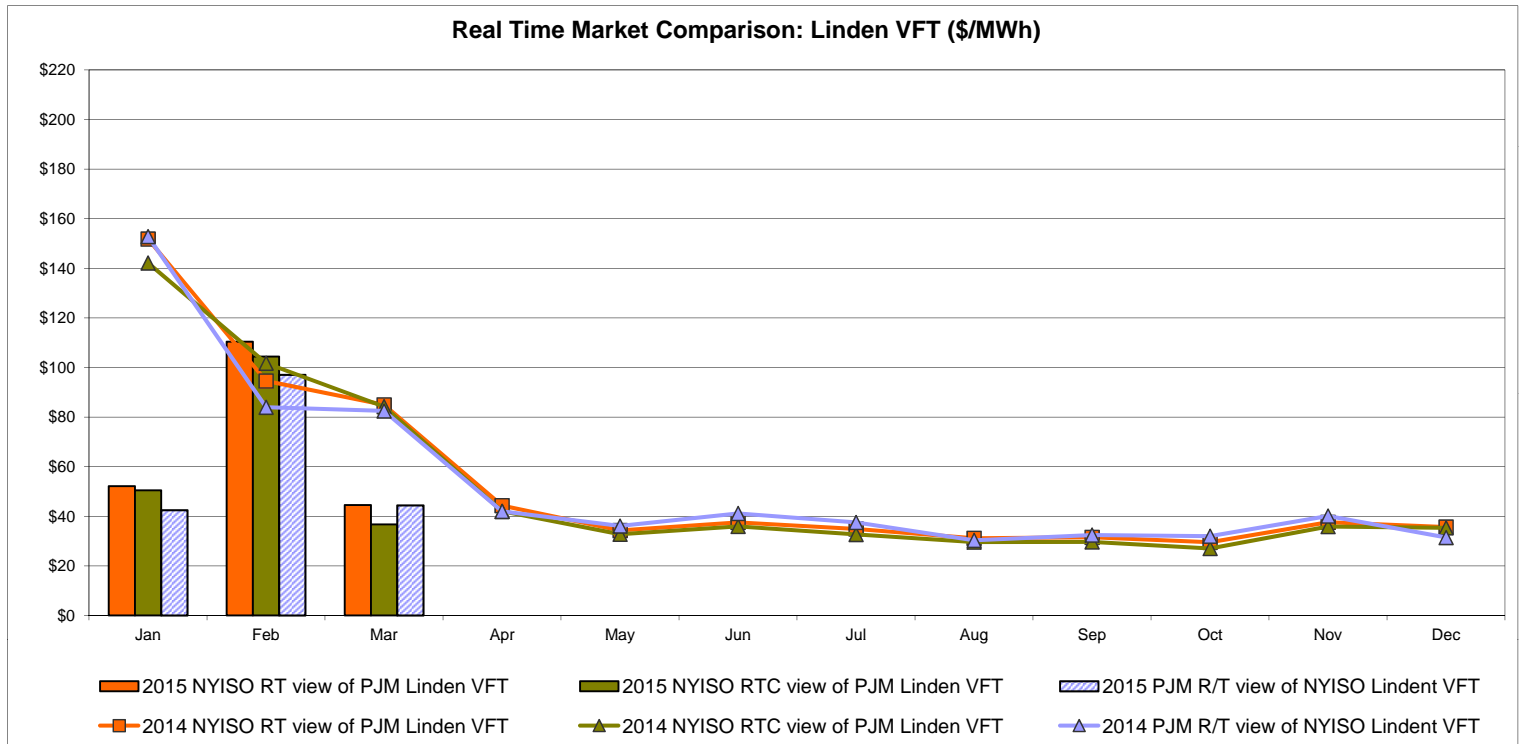
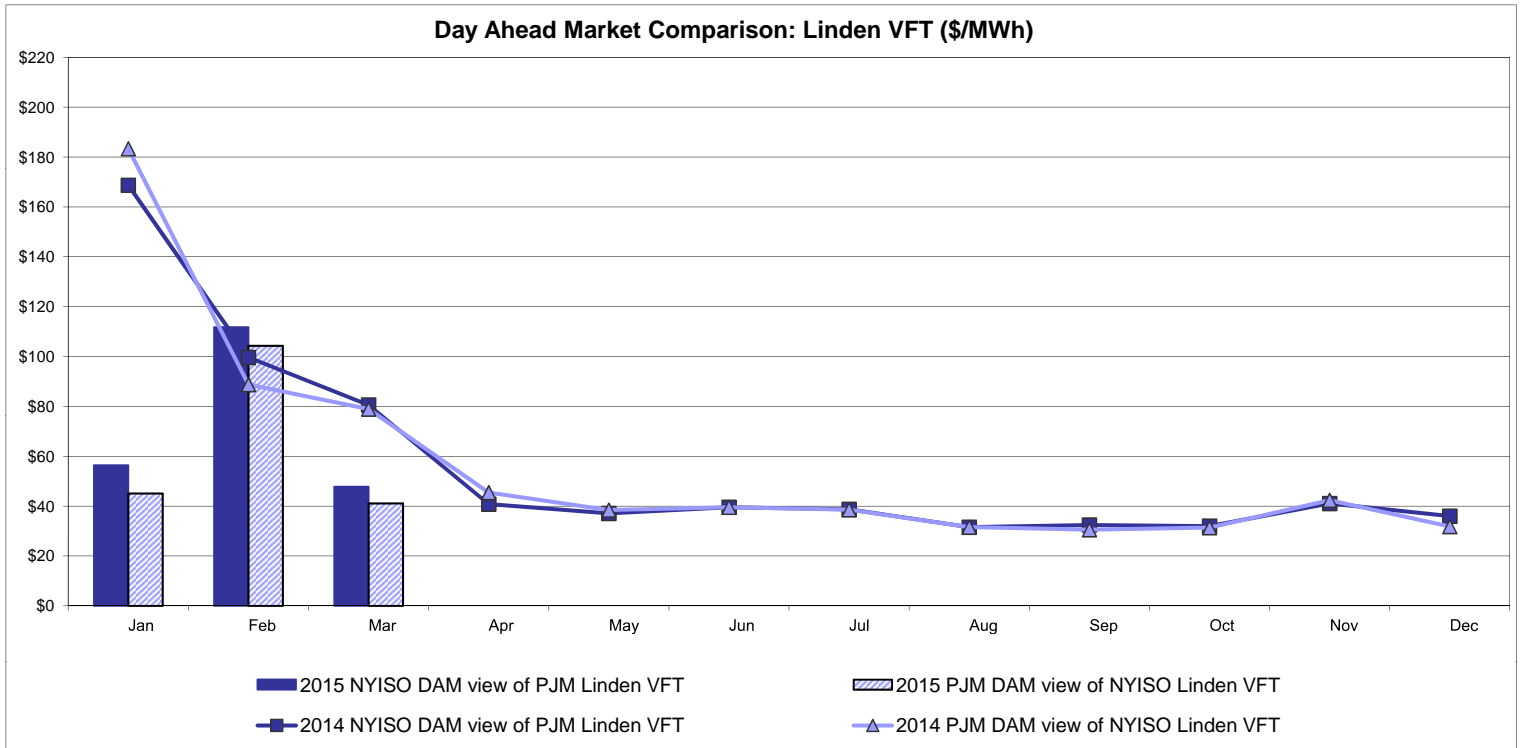


Real Time Market External Zone Comparison - HQ (\$/MWh)

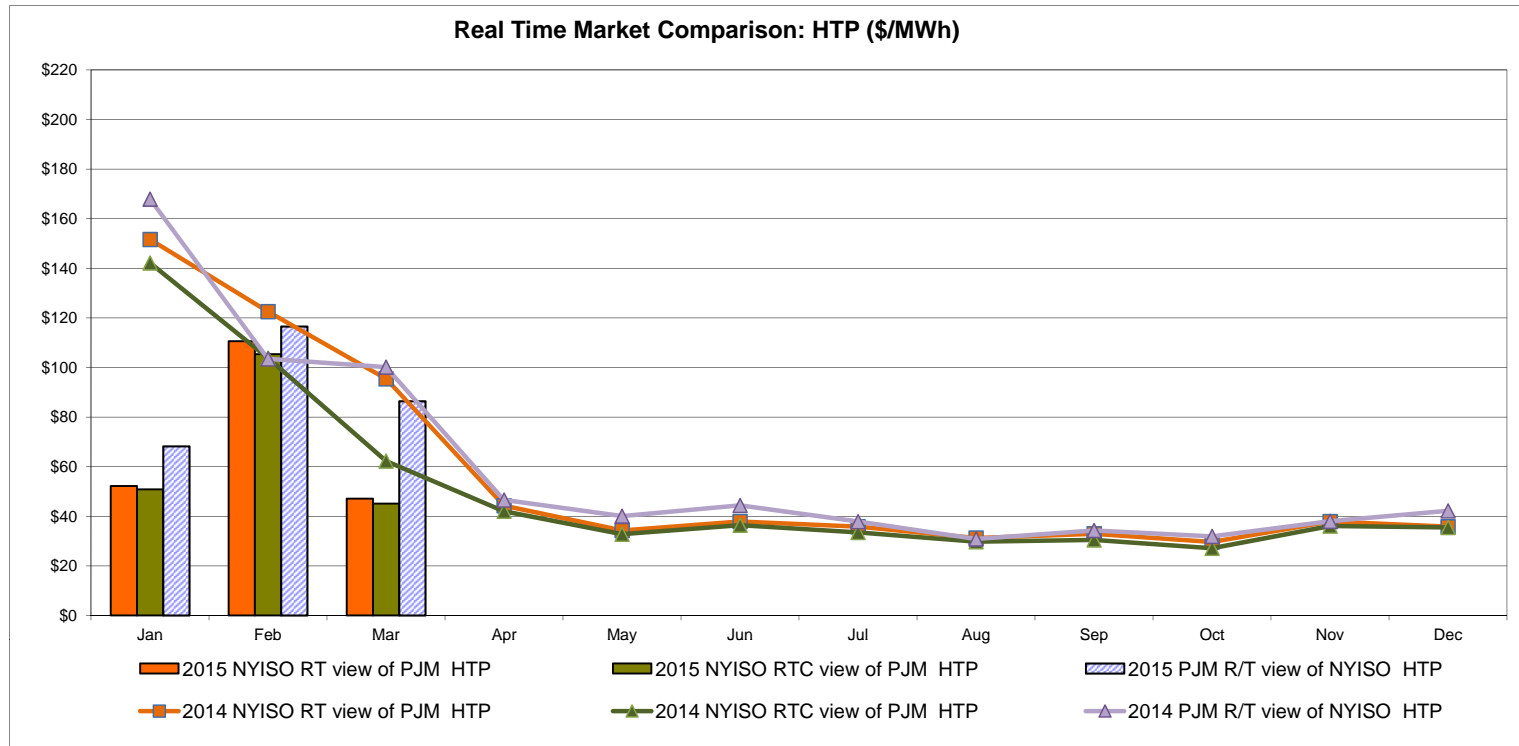
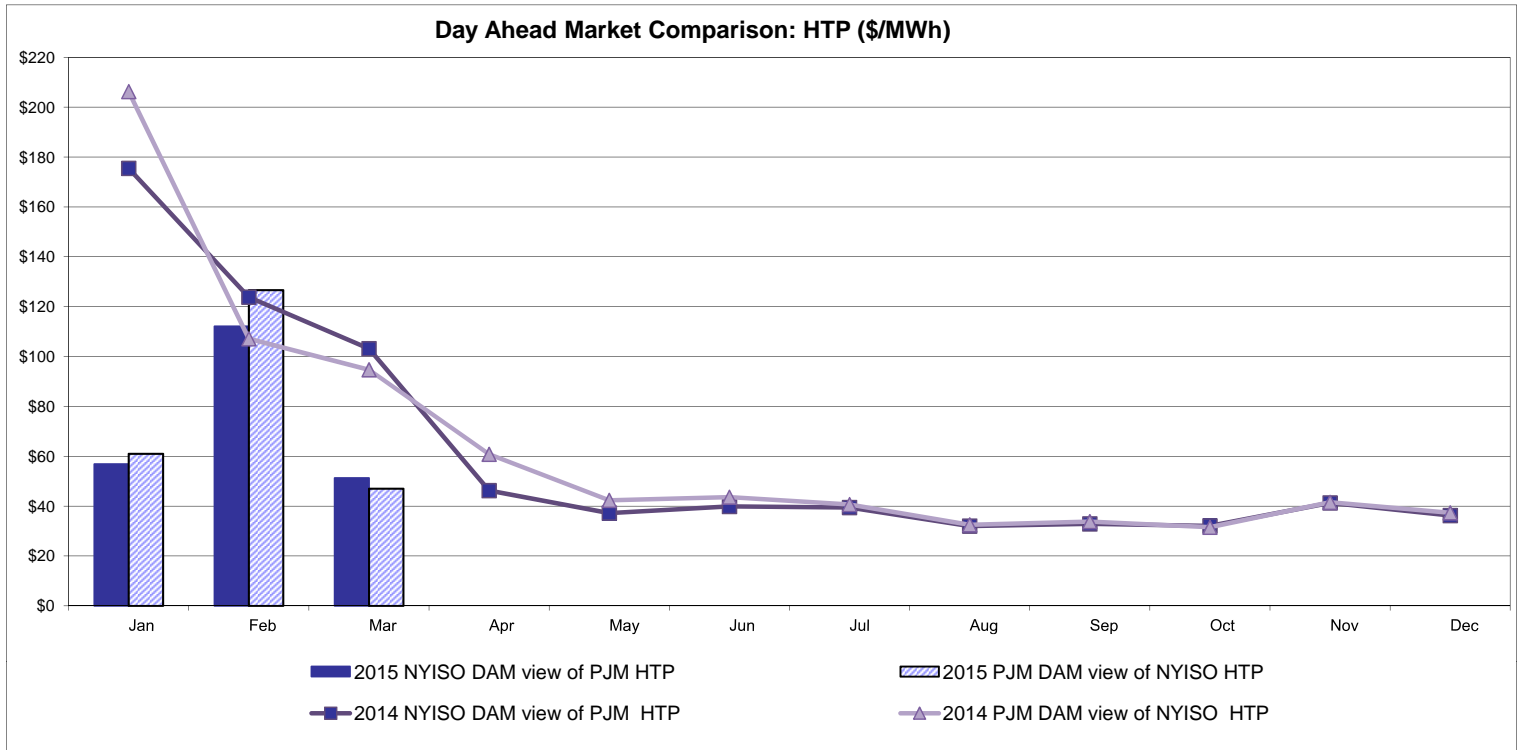


Note:
Hydro-Quebec Prices are unavailable.

External Controllable Line: Linden VFT (PJM)



External Controllable Line: Hudson (PJM)

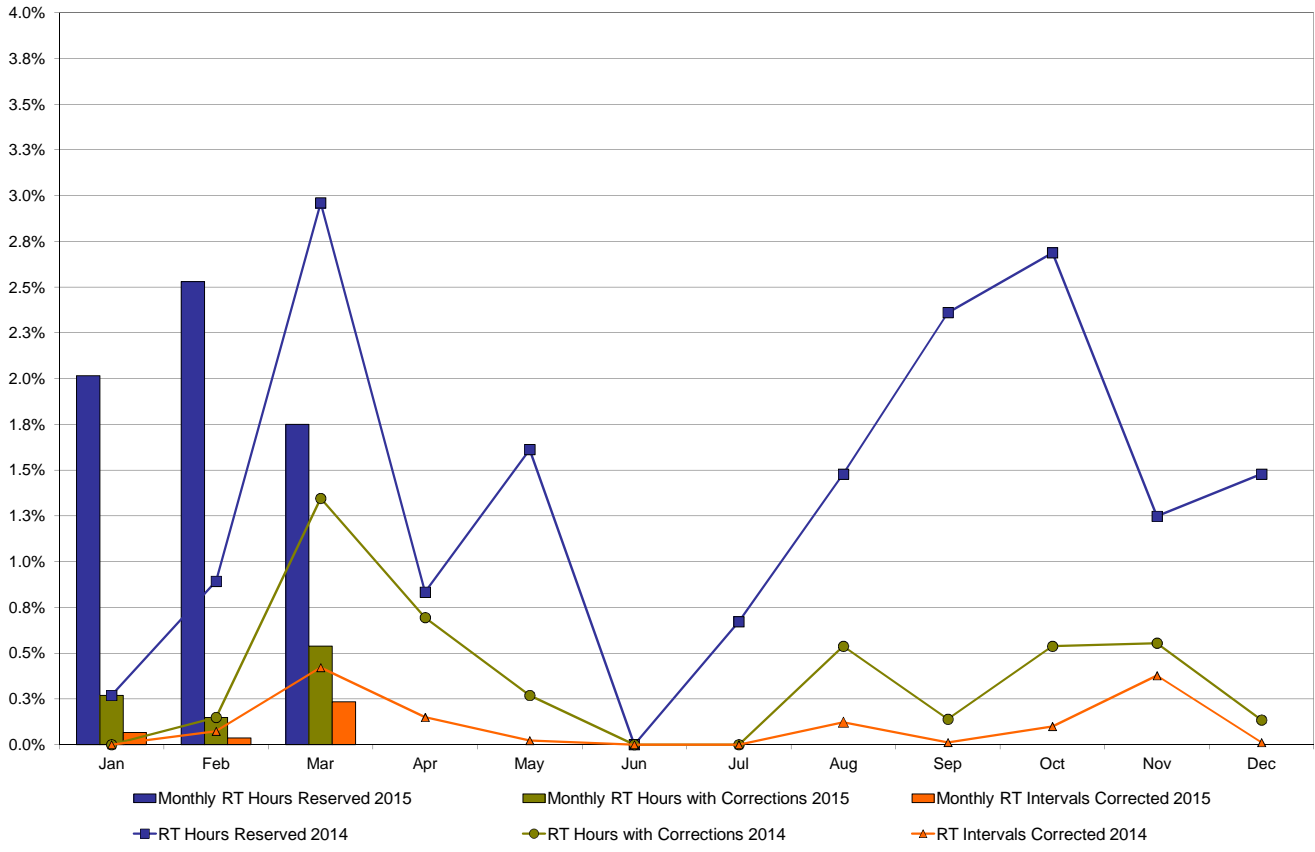


NYISO Real Time Price Correction Statistics

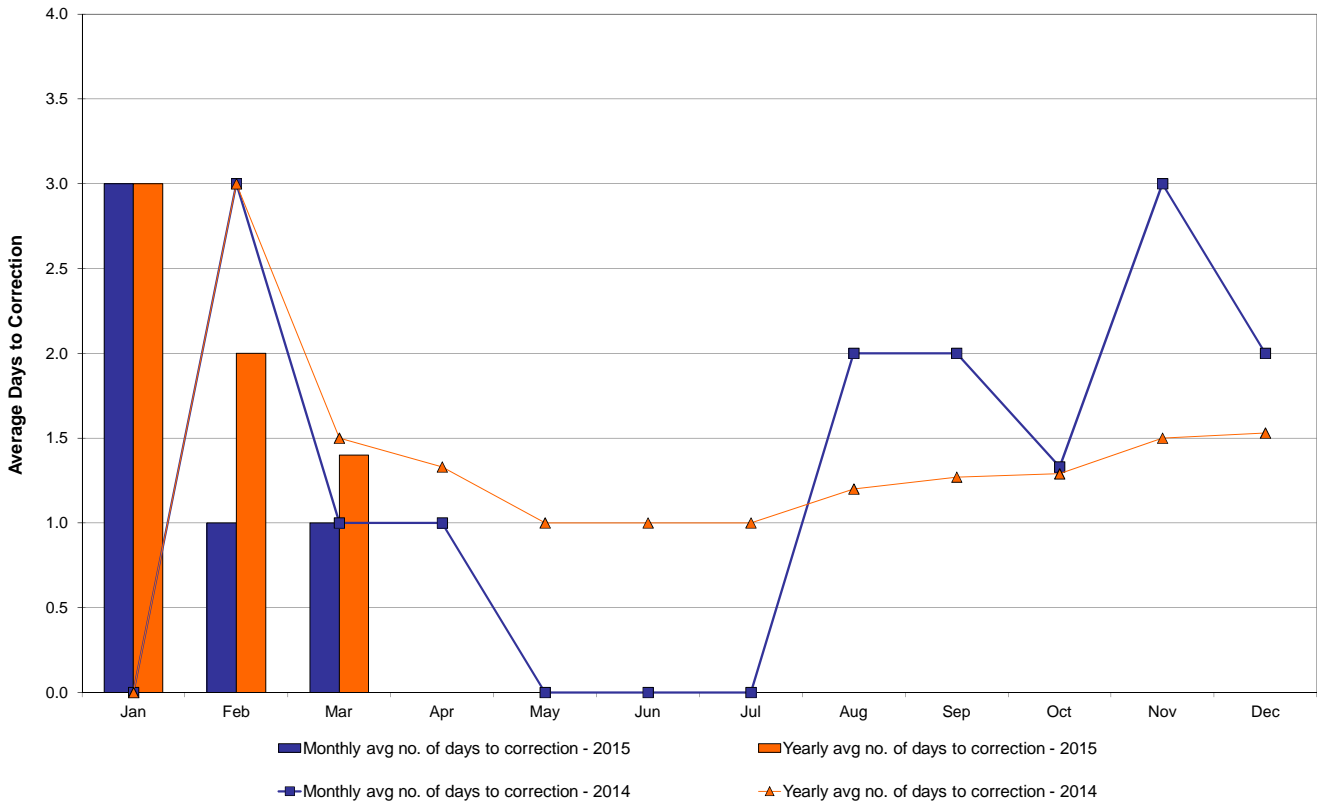
2015		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	2	1	4									
Number of hours	in the month	744	672	743									
% of hours with corrections	in the month	0.27%	0.15%	0.54%									
% of hours with corrections	year-to-date	0.27%	0.21%	0.32%									
Interval Corrections													
Number of intervals corrected	in the month	6	3	21									
Number of intervals	in the month	9,066	8,231	9,005									
% of intervals corrected	in the month	0.07%	0.04%	0.23%									
% of intervals corrected	year-to-date	0.07%	0.05%	0.11%									
Hours Reserved													
Number of hours reserved	in the month	15	17	13									
Number of hours	in the month	744	672	743									
% of hours reserved	in the month	2.02%	2.53%	1.75%									
% of hours reserved	year-to-date	2.02%	2.26%	2.08%									
Days to Correction *													
Avg. number of days to correction	in the month	3.00	1.00	1.00									
Avg. number of days to correction	year-to-date	3.00	2.00	1.40									
Days Without Corrections													
Days without corrections	in the month	30	27	28									
Days without corrections	year-to-date	30	57	85									
2014		<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>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	0	1	10	5	2	0	0	4	1	4	4	1
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744	721	744
% of hours with corrections	in the month	0.00%	0.15%	1.35%	0.69%	0.27%	0.00%	0.00%	0.54%	0.14%	0.54%	0.55%	0.13%
% of hours with corrections	year-to-date	0.00%	0.07%	0.51%	0.56%	0.50%	0.41%	0.35%	0.38%	0.35%	0.37%	0.39%	0.37%
Interval Corrections													
Number of intervals corrected	in the month	0	6	38	13	2	0	0	11	1	9	33	1
Number of intervals	in the month	9,232	8,205	9,023	8,720	9,030	8,729	8,999	8,975	8,779	9,026	8,763	9,030
% of intervals corrected	in the month	0.00%	0.07%	0.42%	0.15%	0.02%	0.00%	0.00%	0.12%	0.01%	0.10%	0.38%	0.01%
% of intervals corrected	year-to-date	0.00%	0.03%	0.17%	0.16%	0.13%	0.11%	0.10%	0.10%	0.09%	0.09%	0.12%	0.11%
Hours Reserved													
Number of hours reserved	in the month	2	6	22	6	12	0	5	11	17	20	9	11
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744	721	744
% of hours reserved	in the month	0.27%	0.89%	2.96%	0.83%	1.61%	0.00%	0.67%	1.48%	2.36%	2.69%	1.25%	1.48%
% of hours reserved	year-to-date	0.27%	0.56%	1.39%	1.25%	1.32%	1.11%	1.04%	1.10%	1.24%	1.38%	1.37%	1.38%
Days to Correction *													
Avg. number of days to correction	in the month	0.00	3.00	1.00	1.00	0.00	0.00	0.00	2.00	2.00	1.33	3.00	2.00
Avg. number of days to correction	year-to-date	0.00	3.00	1.50	1.33	1.00	1.00	1.00	1.20	1.27	1.29	1.50	1.53
Days Without Corrections													
Days without corrections	in the month	31	27	28	28	29	30	31	29	29	28	28	30
Days without corrections	year-to-date	31	58	86	114	143	173	204	233	262	290	318	348

* Calendar days from reservation date.

Percentage of Real-Time Corrections

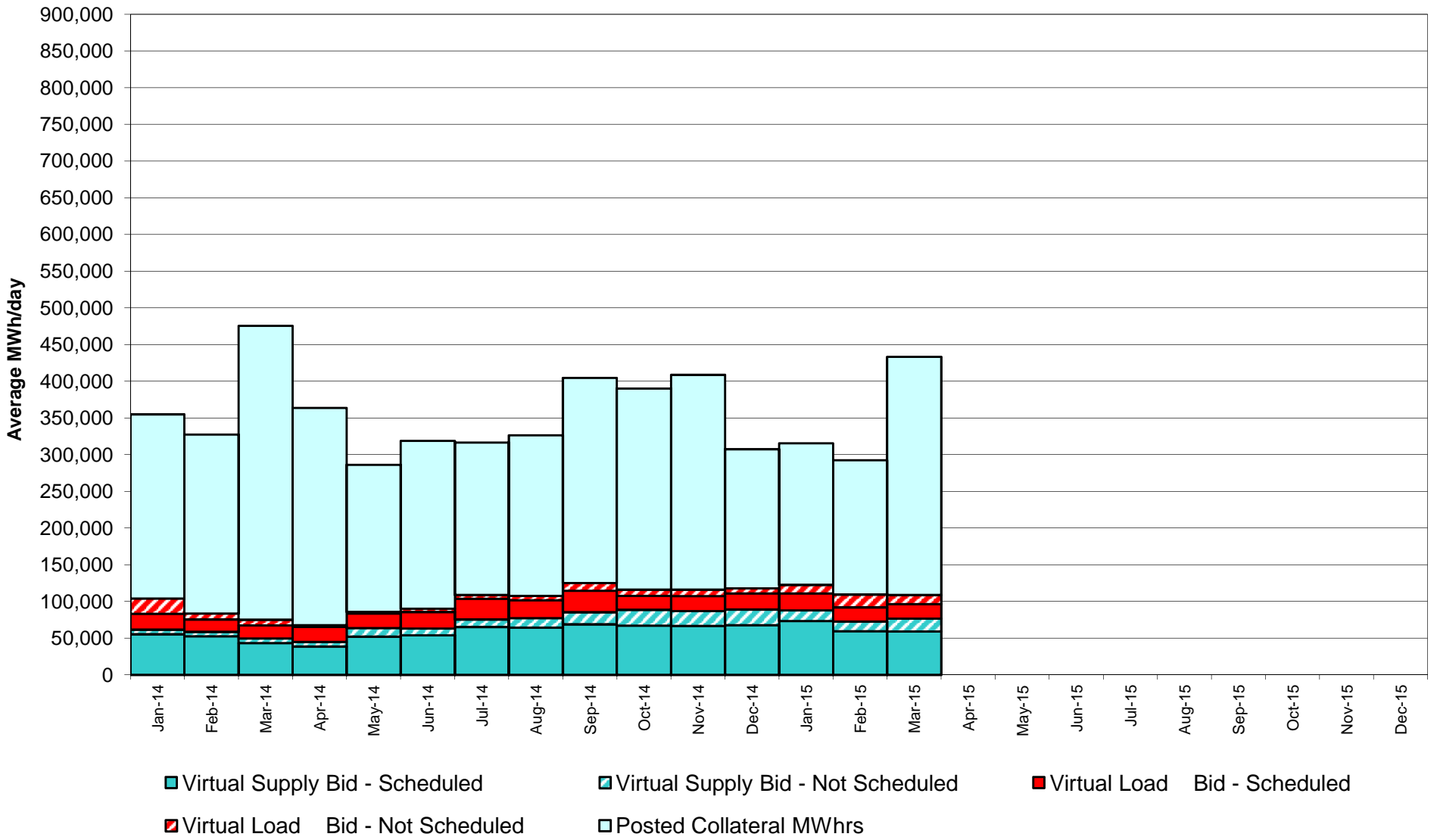


Annual average time period for making Price Corrections (from reservation date) *

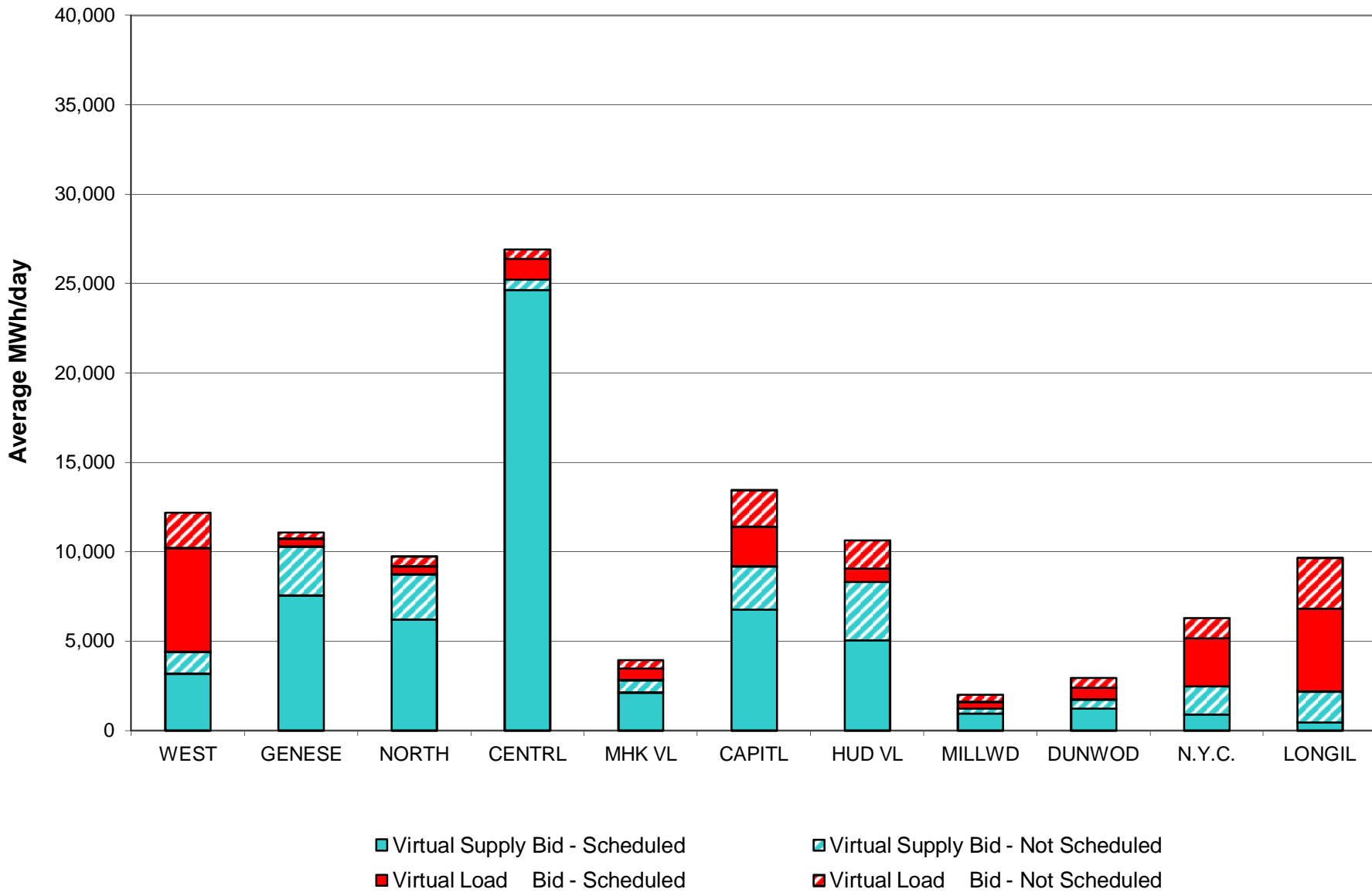


* Calendar days from reservation date.

NYISO Virtual Trading Average MWh per day



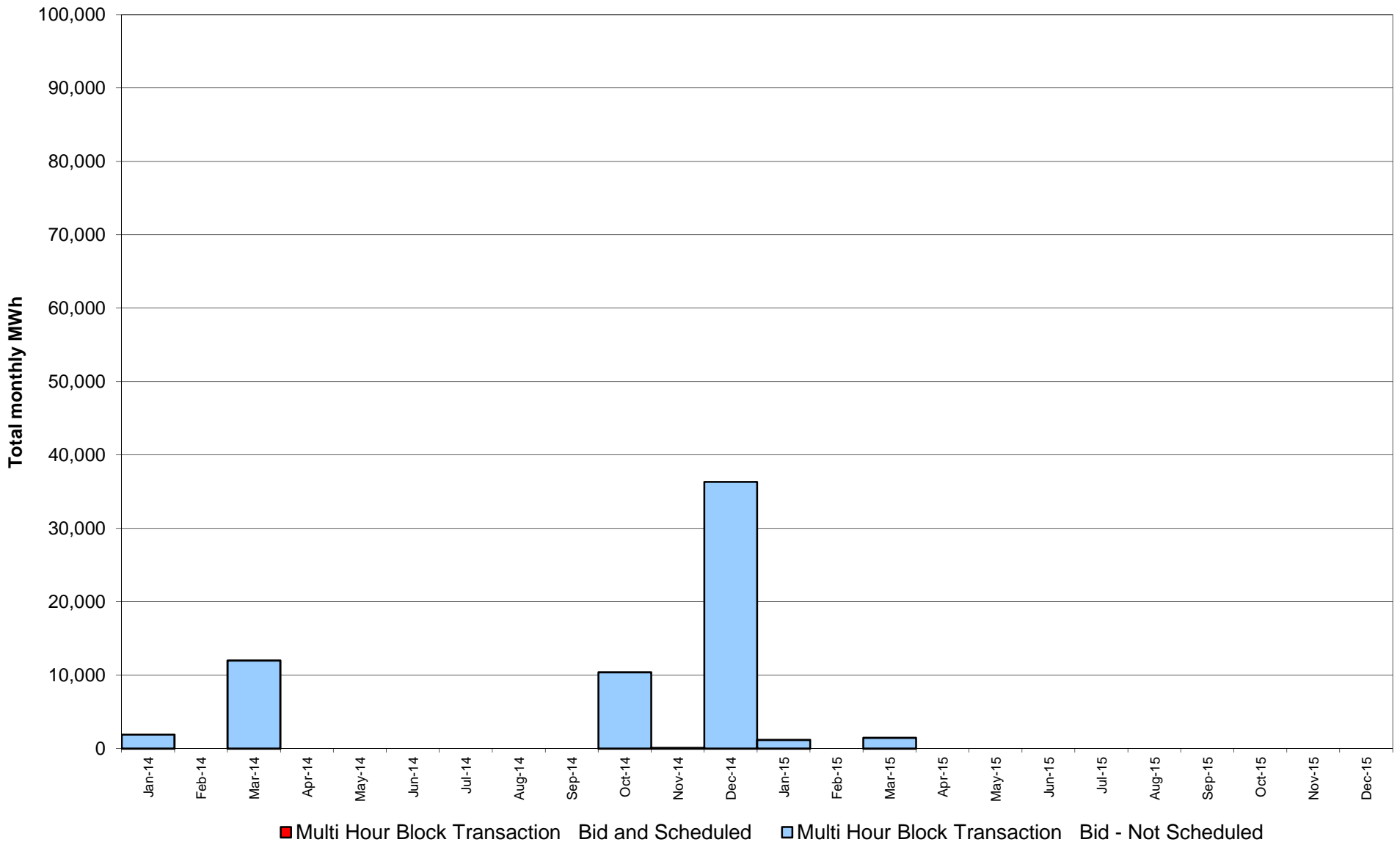
Virtual Load and Supply Zonal Statistics through March 31, 2015



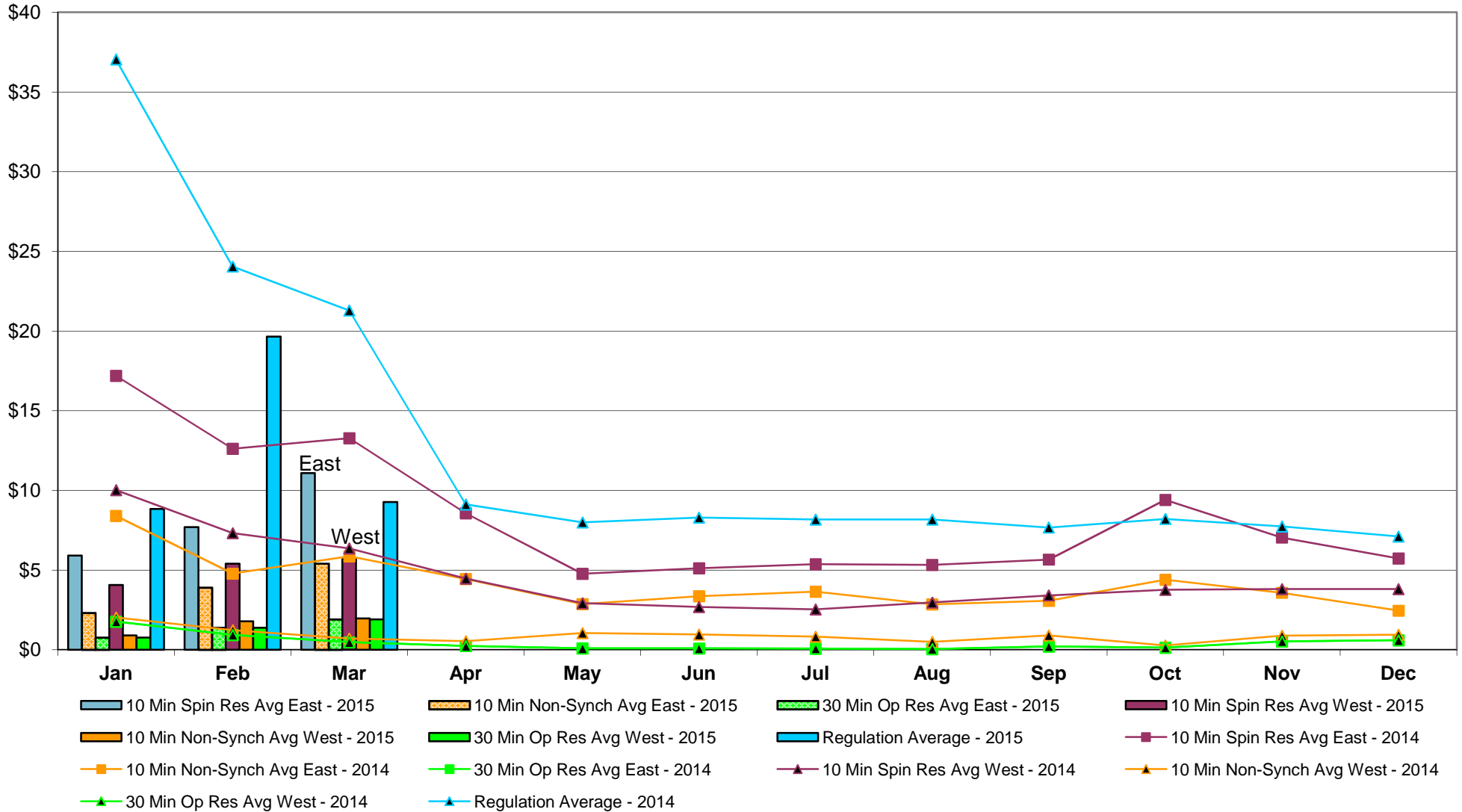
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2015

		Virtual Load Bid		Virtual Supply Bid				Virtual Load Bid		Virtual Supply Bid				Virtual Load Bid		Virtual Supply Bid	
Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled	Scheduled	Not Scheduled
WEST	Jan-15	6,244	977	3,837	688	MHK VL	Jan-15	534	185	1,757	1,021	DUNWOD	Jan-15	669	444	831	166
	Feb-15	3,180	1,570	3,288	936		Feb-15	901	790	1,446	812		Feb-15	647	663	725	156
	Mar-15	5,796	1,992	3,185	1,223		Mar-15	626	458	2,120	718		Mar-15	621	566	1,224	536
	Apr-15						Apr-15						Apr-15				
	May-15						May-15						May-15				
	Jun-15						Jun-15						Jun-15				
	Jul-15						Jul-15						Jul-15				
	Aug-15						Aug-15						Aug-15				
	Sep-15						Sep-15						Sep-15				
	Oct-15						Oct-15						Oct-15				
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				
GENESE	Jan-15	444	147	9,467	1,422	CAPITL	Jan-15	1,816	1,292	9,400	1,563	N.Y.C.	Jan-15	3,367	1,572	887	2,429
	Feb-15	229	347	7,477	1,425		Feb-15	3,192	3,267	6,354	2,035		Feb-15	2,944	2,375	658	690
	Mar-15	452	350	7,559	2,735		Mar-15	2,234	2,029	6,772	2,411		Mar-15	2,687	1,133	894	1,593
	Apr-15						Apr-15						Apr-15				
	May-15						May-15						May-15				
	Jun-15						Jun-15						Jun-15				
	Jul-15						Jul-15						Jul-15				
	Aug-15						Aug-15						Aug-15				
	Sep-15						Sep-15						Sep-15				
	Oct-15						Oct-15						Oct-15				
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				
NORTH	Jan-15	537	300	7,590	2,868	HUD VL	Jan-15	1,006	1,747	4,703	2,133	LONGIL	Jan-15	5,510	3,925	547	1,487
	Feb-15	274	423	7,361	1,898		Feb-15	769	2,147	2,841	2,800		Feb-15	4,383	3,985	613	1,722
	Mar-15	422	572	6,213	2,540		Mar-15	747	1,578	5,045	3,272		Mar-15	4,639	2,844	464	1,719
	Apr-15						Apr-15						Apr-15				
	May-15						May-15						May-15				
	Jun-15						Jun-15						Jun-15				
	Jul-15						Jul-15						Jul-15				
	Aug-15						Aug-15						Aug-15				
	Sep-15						Sep-15						Sep-15				
	Oct-15						Oct-15						Oct-15				
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				
CENTRL	Jan-15	2,414	939	33,426	776	MILLWD	Jan-15	418	244	716	192	NYISO	Jan-15	22,958	11,774	73,161	14,746
	Feb-15	2,306	1,265	28,050	579		Feb-15	562	674	627	186		Feb-15	19,386	17,506	59,440	13,238
	Mar-15	1,168	538	24,644	587		Mar-15	377	389	947	287		Mar-15	19,769	12,449	59,066	17,619
	Apr-15						Apr-15						Apr-15				
	May-15						May-15						May-15				
	Jun-15						Jun-15						Jun-15				
	Jul-15						Jul-15						Jul-15				
	Aug-15						Aug-15						Aug-15				
	Sep-15						Sep-15						Sep-15				
	Oct-15						Oct-15						Oct-15				
	Nov-15						Nov-15						Nov-15				
	Dec-15						Dec-15						Dec-15				

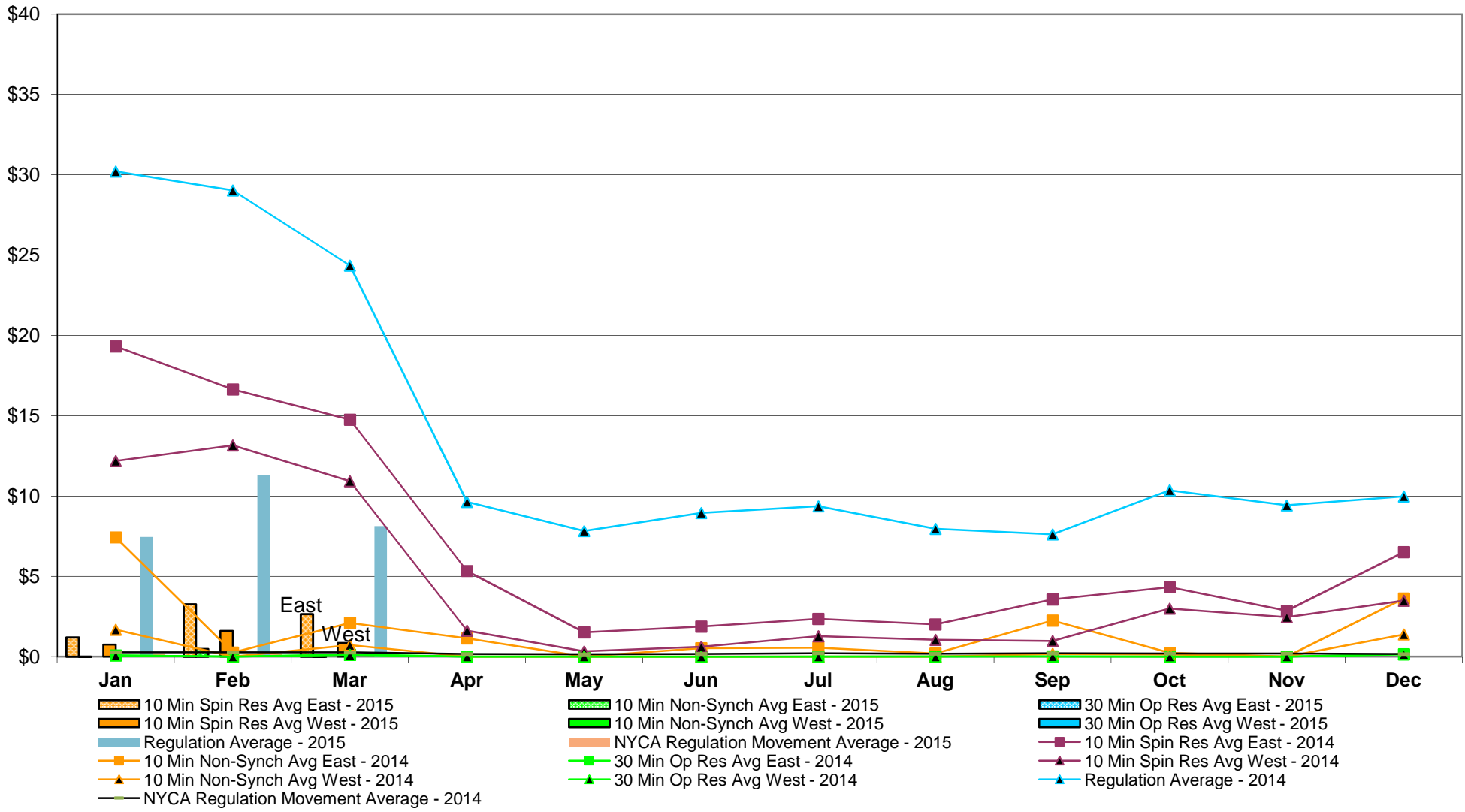
NYISO Multi Hour Block Transactions Monthly Total MWh



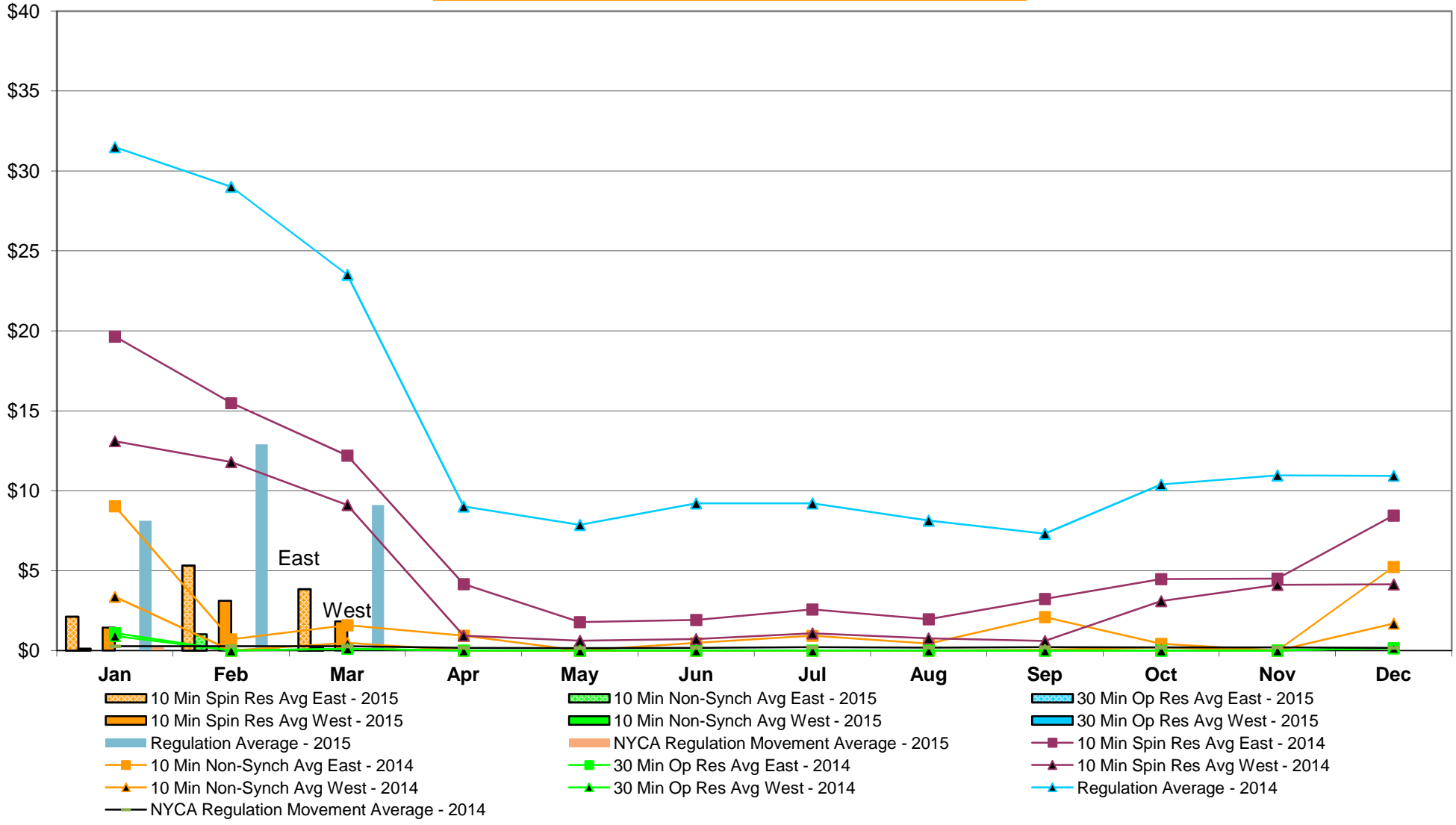
NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2014 - 2015



NYISO Monthly Average Ancillary Service Prices RTC Market 2014 - 2015



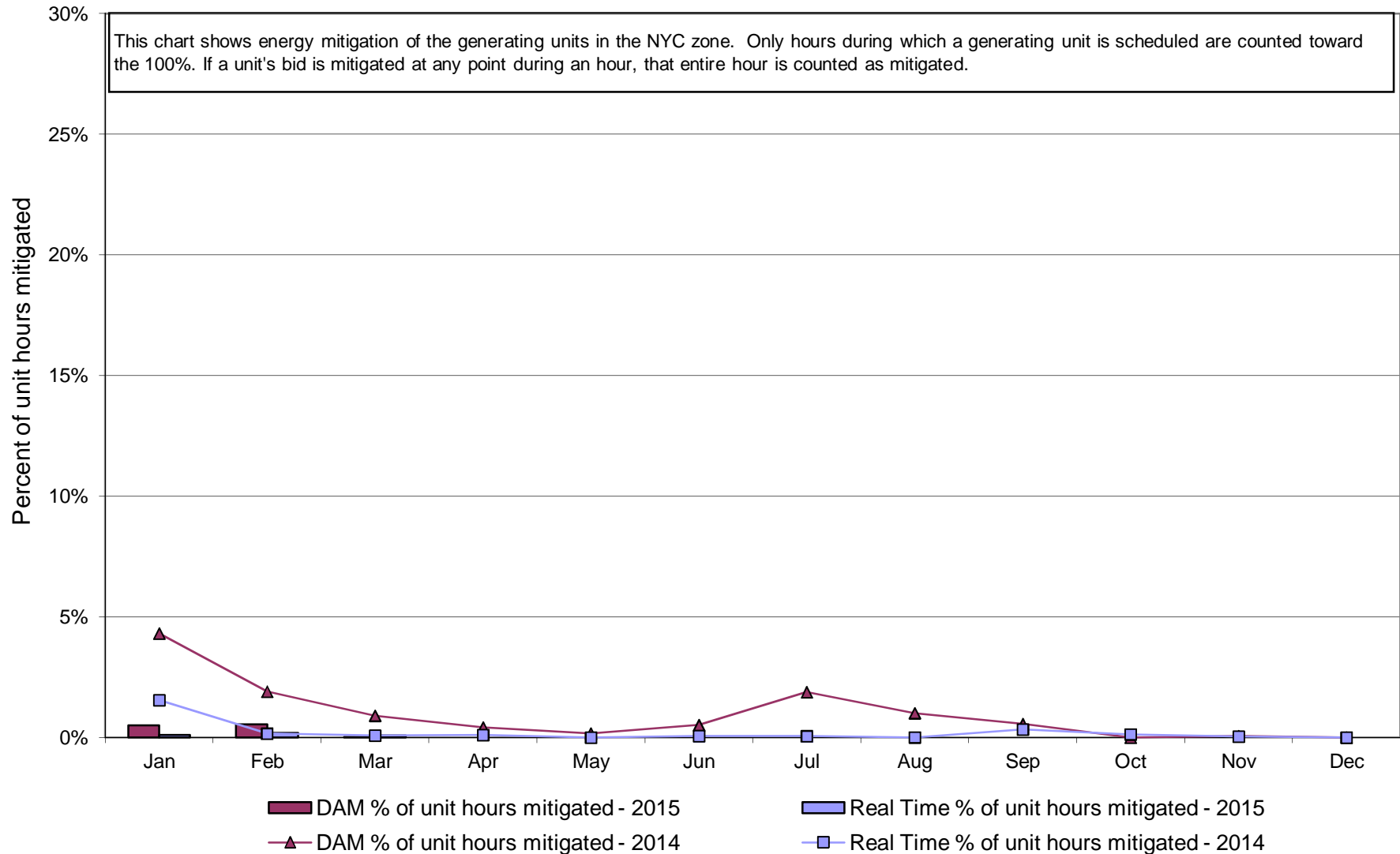
NYISO Monthly Average Ancillary Service Prices Real Time Market 2014 - 2015



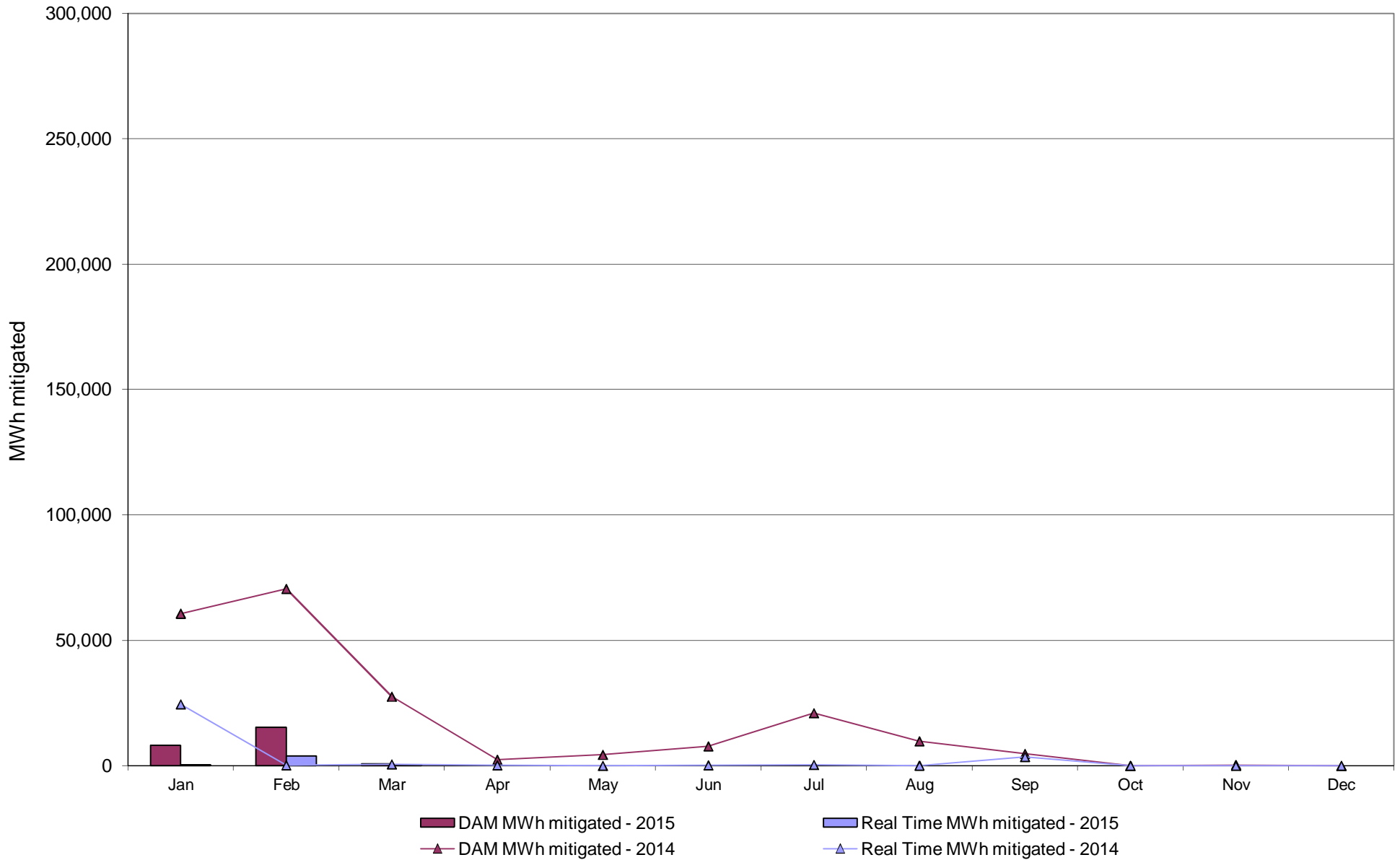
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

2015	<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>	<u>November</u>	<u>December</u>
Day Ahead Market												
10 Min Spin East	5.92	7.69	11.09									
10 Min Spin West	4.07	5.40	5.68									
10 Min Non Synch East	2.30	3.89	5.40									
10 Min Non Synch West	0.90	1.79	1.97									
30 Min East	0.77	1.38	1.91									
30 Min West	0.77	1.38	1.91									
Regulation	8.84	19.65	9.27									
RTC Market												
10 Min Spin East	1.20	3.27	2.64									
10 Min Spin West	0.74	1.61	0.86									
10 Min Non Synch East	0.01	0.48	0.01									
10 Min Non Synch West	0.00	0.00	0.00									
30 Min East	0.00	0.00	0.00									
30 Min West	0.00	0.00	0.00									
Regulation	7.45	11.32	8.13									
NYCA Regulation Movement	0.21	0.21	0.16									
Real Time Market												
10 Min Spin East	2.12	5.31	3.84									
10 Min Spin West	1.44	3.11	1.83									
10 Min Non Synch East	0.12	1.03	0.17									
10 Min Non Synch West	0.00	0.00	0.00									
30 Min East	0.00	0.00	0.00									
30 Min West	0.00	0.00	0.00									
Regulation	8.12	12.91	9.11									
NYCA Regulation Movement	0.20	0.21	0.17									
2014	<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>	<u>November</u>	<u>December</u>
Day Ahead Market												
10 Min Spin East	17.19	12.62	13.27	8.57	4.77	5.11	5.37	5.33	5.66	9.41	7.04	5.73
10 Min Spin West	10.02	7.32	6.36	4.47	2.92	2.69	2.54	2.96	3.41	3.76	3.82	3.82
10 Min Non Synch East	8.40	4.78	5.86	4.44	2.86	3.37	3.65	2.85	3.08	4.40	3.58	2.45
10 Min Non Synch West	2.02	1.23	0.70	0.55	1.06	0.96	0.83	0.49	0.91	0.27	0.89	0.95
30 Min East	1.77	0.93	0.47	0.24	0.09	0.08	0.08	0.04	0.21	0.14	0.53	0.60
30 Min West	1.77	0.93	0.47	0.24	0.09	0.08	0.08	0.04	0.21	0.14	0.53	0.60
Regulation	37.05	24.05	21.29	9.12	7.99	8.30	8.18	8.18	7.67	8.21	7.74	7.12
RTC Market												
10 Min Spin East	19.32	16.64	14.76	5.34	1.52	1.87	2.35	2.00	3.57	4.32	2.86	6.51
10 Min Spin West	12.18	13.16	10.93	1.61	0.33	0.61	1.27	1.04	0.98	2.99	2.46	3.48
10 Min Non Synch East	7.43	0.26	2.10	1.14	0.00	0.52	0.55	0.20	2.25	0.25	0.00	3.62
10 Min Non Synch West	1.68	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.17	0.13	0.00	1.39
30 Min East	0.08	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.15
30 Min West	0.08	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.15
Regulation	30.21	29.03	24.35	9.64	7.83	8.95	9.36	7.97	7.62	10.36	9.42	9.99
NYCA Regulation Movement	0.28	0.27	0.26	0.17	0.15	0.17	0.21	0.18	0.21	0.20	0.20	0.17
Real Time Market												
10 Min Spin East	19.64	15.48	12.19	4.15	1.78	1.92	2.57	1.96	3.23	4.47	4.51	8.45
10 Min Spin West	13.10	11.80	9.11	0.94	0.61	0.72	1.08	0.76	0.60	3.10	4.12	4.14
10 Min Non Synch East	9.03	0.70	1.59	0.93	0.00	0.48	0.92	0.44	2.09	0.42	0.00	5.23
10 Min Non Synch West	3.37	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.00	1.69
30 Min East	1.10	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
30 Min West	0.92	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
Regulation	31.50	29.02	23.52	9.02	7.87	9.21	9.21	8.13	7.31	10.39	10.96	10.94
NYCA Regulation Movement	0.27	0.27	0.27	0.17	0.15	0.18	0.21	0.19	0.21	0.19	0.20	0.17

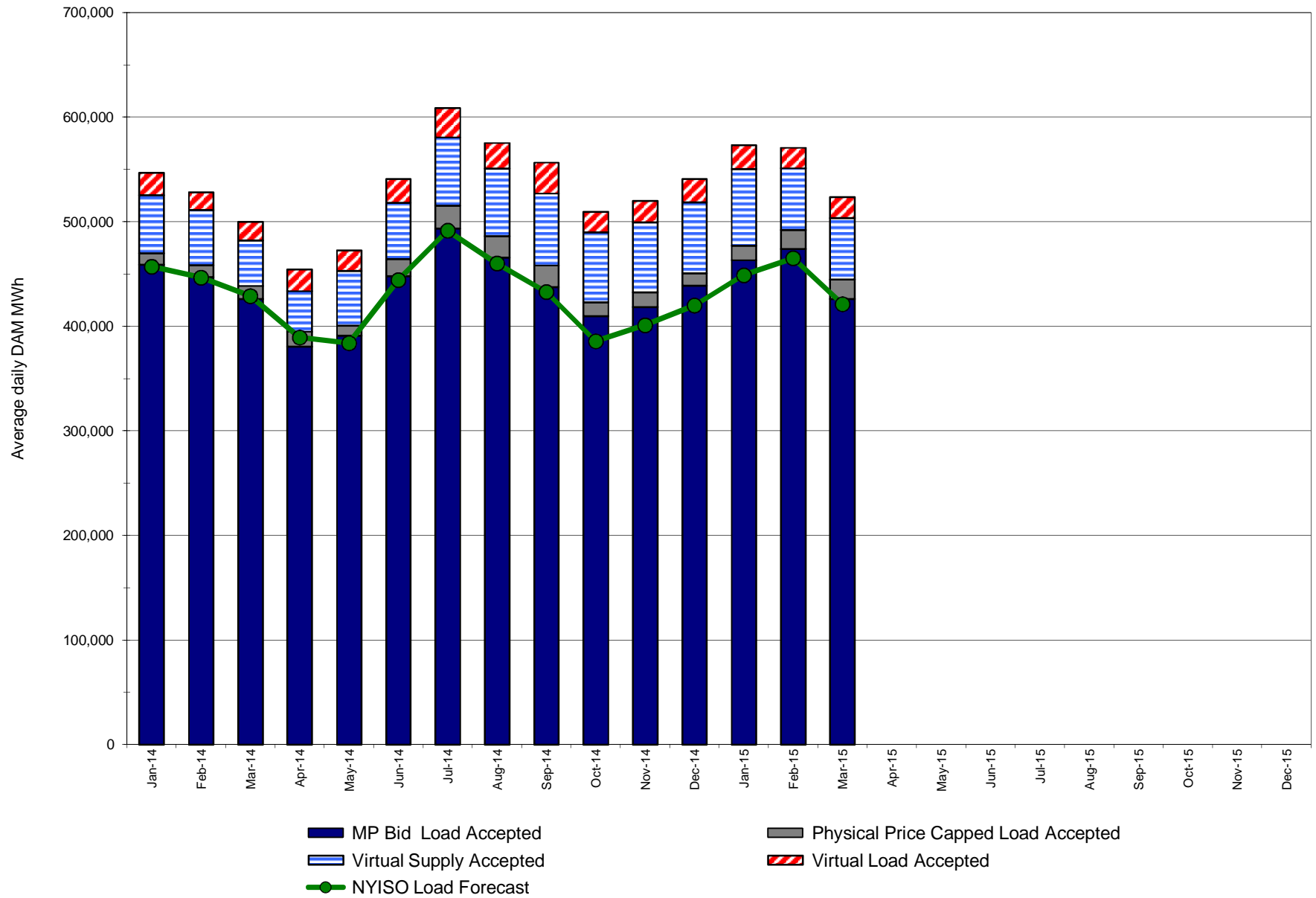
NYISO In City Energy Mitigation - AMP (NYC Zone) 2014 - 2015 Percentage of committed unit-hours mitigated



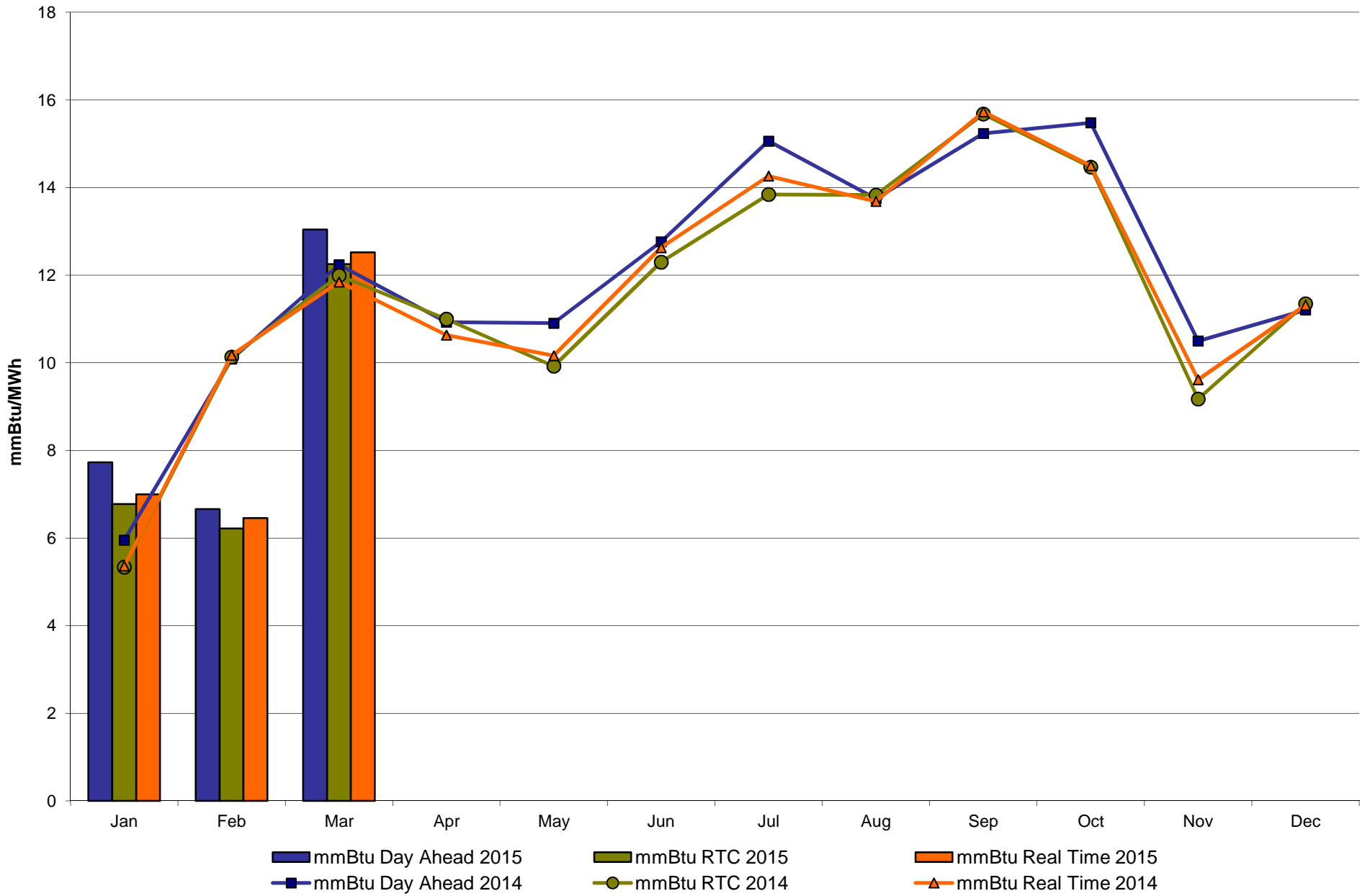
NYISO In City Energy Mitigation (NYC Zone) 2014 - 2015
Monthly megawatt hours mitigated



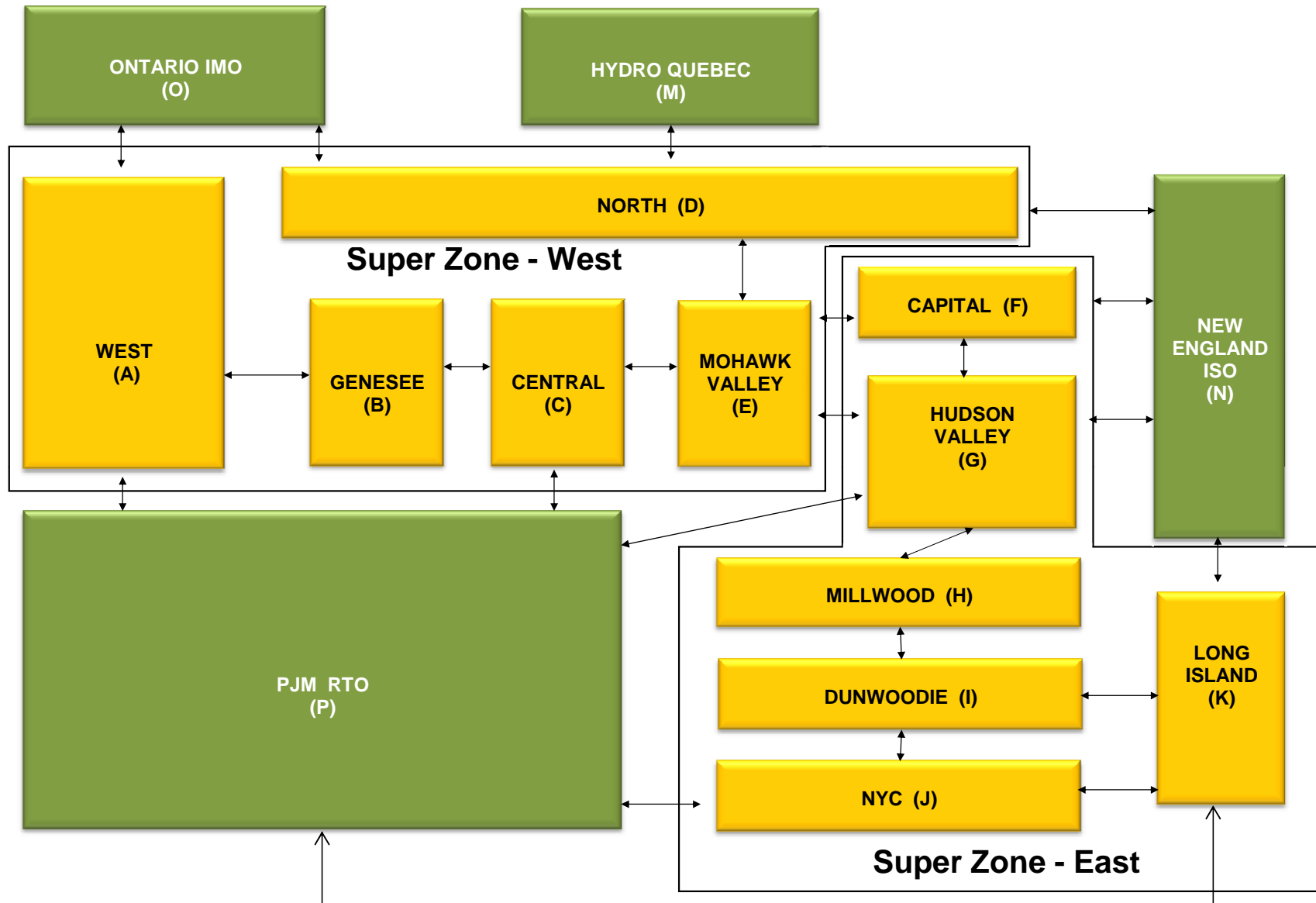
NYISO Average Daily DAM Load Bid Summary



Monthly Implied Heat Rate 2014-2015



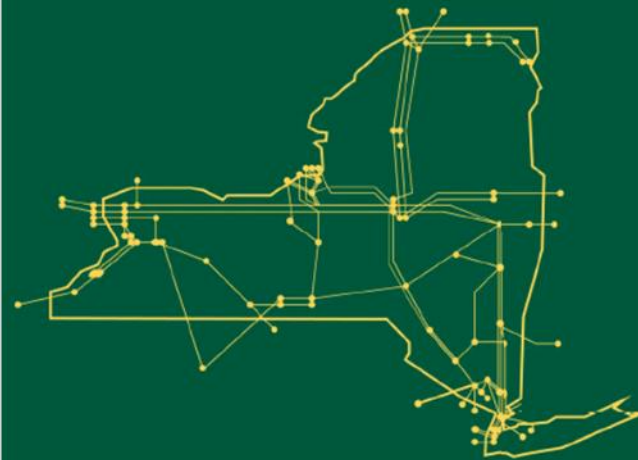
NYISO LBMP ZONES



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

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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Summary Description of Upcoming Regulatory Compliance Filings, Recently Submitted Filings and Issued Orders on NYISO Matters

Upcoming Compliance Filings

Filing Due Date	Upcoming Compliance Filings (Description)	Docket Number
6/17/2015	NYISO compliance filing per FERC 3/19/15 order re: the status of stakeholder discussion concerning mitigation in Rest Of State and for repowering agreements	EL13-62-000
6/19/2015	NYISO compliance filing per FERC 2/19/15 order, directing NYISO to file Reliability Must Run Tariff Provisions	EL15-37-000

Recently Issued Orders

Filing Date	Filing Summary (Order issued)	Docket Number	Order Date	Order Summary
07/23/2012 08/06/2012 08/07/2012 09/11/2012	NYISO filing request for clarification/rehearing re: 6/22/12 buyer side mitigation rule order and subsequent compliance filings	EL11-42-001 ER12-2414-000 ER12-2414-001 ER12-2414-002	04/16/2015	FERC granted in part various requests for clarification, denied requests for rehearing, accepted in part NYISO's compliance filing regarding implementation of the buyer-side mitigation rules and directing a further compliance filing concerning mitigation exemption, offer floor determinations, and the proper inflation component for Unit Net CONE for all years of the mitigation study period and directed a further compliance filing within 45 days (i.e., 06/01/2015)
10/10/2012	NYISO filing re: request for rehearing re: order on the Astoria v NYISO complaint concerning application of the buyer side market power mitigation rules	EL11-50-001	04/16/2015	FERC order granted clarification in part and granted and denied in part rehearing requests regarding implementation of the buyer-side market power mitigation provisions in the NYC ICAP market
09/02/2014	NYISO compliance filing and response to requests for rehearing re: Order No. 1000 directives	ER13-102-005 ER13-102-006	04/16/2015	FERC order partially accepted the compliance filing and directed a further compliance filing within 30 days (i.e., 05/18/2015)
12/01/2014	NYISO filing re: request for waiver of certain NAESB version 003 Standards (Business Practices and Communication Protocols) and Smart Grid Standards (WEQ-016 through WEQ-020)	ER15-550-000	04/15/2015	FERC notice granted NYISO an extension of time until 05/15/2017 to comply with WEQ-012 the Public Key Infrastructure standards applicable to OASIS transactions conducted on NYISO's MIS

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02/13/2015	NYISO filing re: proposed voltage support service ("VSS") tariff provisions	ER15-1042-000	04/10/2015	FERC deficiency letter directed a filing within 30 days (i.e., 05/11/2015) to provide further explanation and documentation of the VSS calculation methodology
02/18/2015	NYISO filing re: amendments to revise the ancillary service demand curves and transmission shortage cost	ER15-1061-000	04/20/2015	FERC order conditionally accepted tariff revisions subject to the NYISO providing the Commission with no less than two weeks' notice of the actual effective date in November 2015
03/26/2015	NYISO motion filing re: request to extend the compliance deadline for adding a competitive entry exemption in the buyer-side market power mitigation rules	EL15-26-000	03/31/2015	FERC notice granted NYISO a two-week extension (i.e., 04/13/2015) to make its compliance filing

Recently Submitted Filings

03/27/2015	NYISO filing re: OATT Table 1A revisions to certain existing transmission agreements and to amend the periodicity for filings to incorporate accepted revisions into Table 1A from a biannual to an annual process	ER15-1391-000
03/30/2015	NYISO filing of a request for clarification of the 03/19/2015 Order re: whether the treatment of rebates and other benefits from state programs received by Special Case Resources is applicable to Mitigated Capacity Zones other than New York City	EL07-39-006 ER08-695-004 ER10-2371-000
03/31/2015	NYISO annual compliance report re: unreserved use and late study penalties	OA08-109-000
04/01/2015	NYISO filing of FERC Form 715 Annual Transmission Planning and Evaluation Report	No Docket No.
04/13/2015	NYISO compliance filing re: competitive entry exemption to its buyer-side capacity market power mitigation measures	ER15-1498-000
04/14/2015	NYISO filing re: FERC Form No. 1: annual report of major electric utilities, licensees and others and supplemental Form 3-Q: quarterly financial report	No Docket No.
04/20/2015	NYISO compliance filing re: revisions to Section 23.4 to provide that unless ruled exempt by FERC order on a request for exemption filed by the state, all rebates and other benefits from state programs must be included in the SCR Offer Floor	ER10-2371-002
04/21/2015	NYISO filing re: 1 st Quarter 2015 EQR	ER02-2001-000
04/21/2015	NYISO annual filing re: FERC Form 582 – total megawatt hours of transmission service in interstate commerce for calendar year 2014	No Docket No.

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