

NYISO CEO/COO Report

Stephen Whitley

President & Chief Executive Officer

Rick Gonzales

*Senior Vice President & Chief Operating Officer
New York Independent System Operator*

Management Committee Meeting

June 16, 2015

The Sagamore, Bolton Landing, NY

NYISO CEO/COO Report

CEO Report

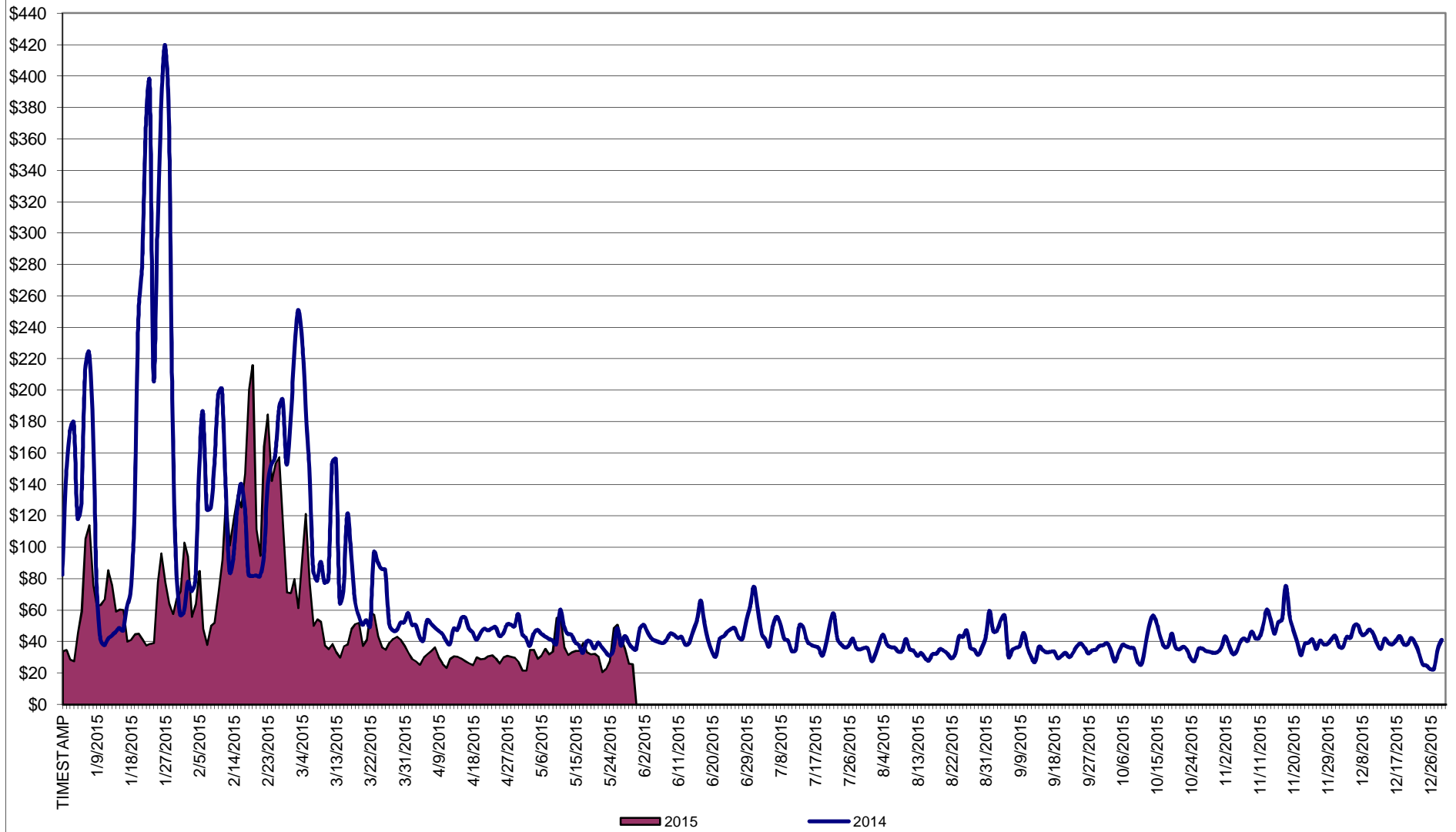
COO Report

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

Market Performance Highlights for May 2015

- **LBMP for May is \$32.98/MWh; higher than \$28.35/MWh in April 2015 and lower than \$40.30/MWh in May 2014.**
 - Day Ahead and Real Time Load Weighted LBMPs are higher compared to April.
- **May 2015 average year-to-date monthly cost of \$60.96/MWh is a 44% decrease from \$108.36/MWh in May 2014.**
- **Average daily sendout is 409 GWh/day in May; higher than 387 GWh/day in April 2015 and 391 GWh/day in May 2014.**
- **Natural gas and distillate prices were higher compared to the previous month.**
 - Natural Gas (Transco Z6 NY) was \$2.65/MMBtu, up 20% from \$2.21/MMBtu in April.
 - Transco Z6 NY is down 24% year-over-year
 - Jet Kerosene Gulf Coast was \$13.72/MMBtu, up from \$12.44/MMBtu in April.
 - Ultra Low Sulfur No.2 Diesel NY Harbor was \$14.05/MMBtu, up from \$12.99/MMBtu in April.
 - Distillate prices are down 33% year-over-year
- **Uplift per MWh is higher compared to the previous month.**
 - Uplift (not including NYISO cost of operations) is \$0.28/MWh; higher than (\$0.14)/MWh in April.
 - The Local Reliability Share is \$0.32/MWh, higher than \$0.27 in April.
 - The Statewide Share is (\$0.04)/MWh, higher than (\$0.41)/MWh in April.
 - The biggest reason for the increase was congestion out West aggravated on a few days by Lake Erie Loop flow
 - TSA \$ per NYC MWh is \$0.17/MWh.
 - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than April.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)*
 2014 Annual Average \$69.31/MWh
 May 2014 YTD Average \$108.36/MWh
 May 2015 YTD Average \$60.95/MWh



* Excludes ICAP payments.

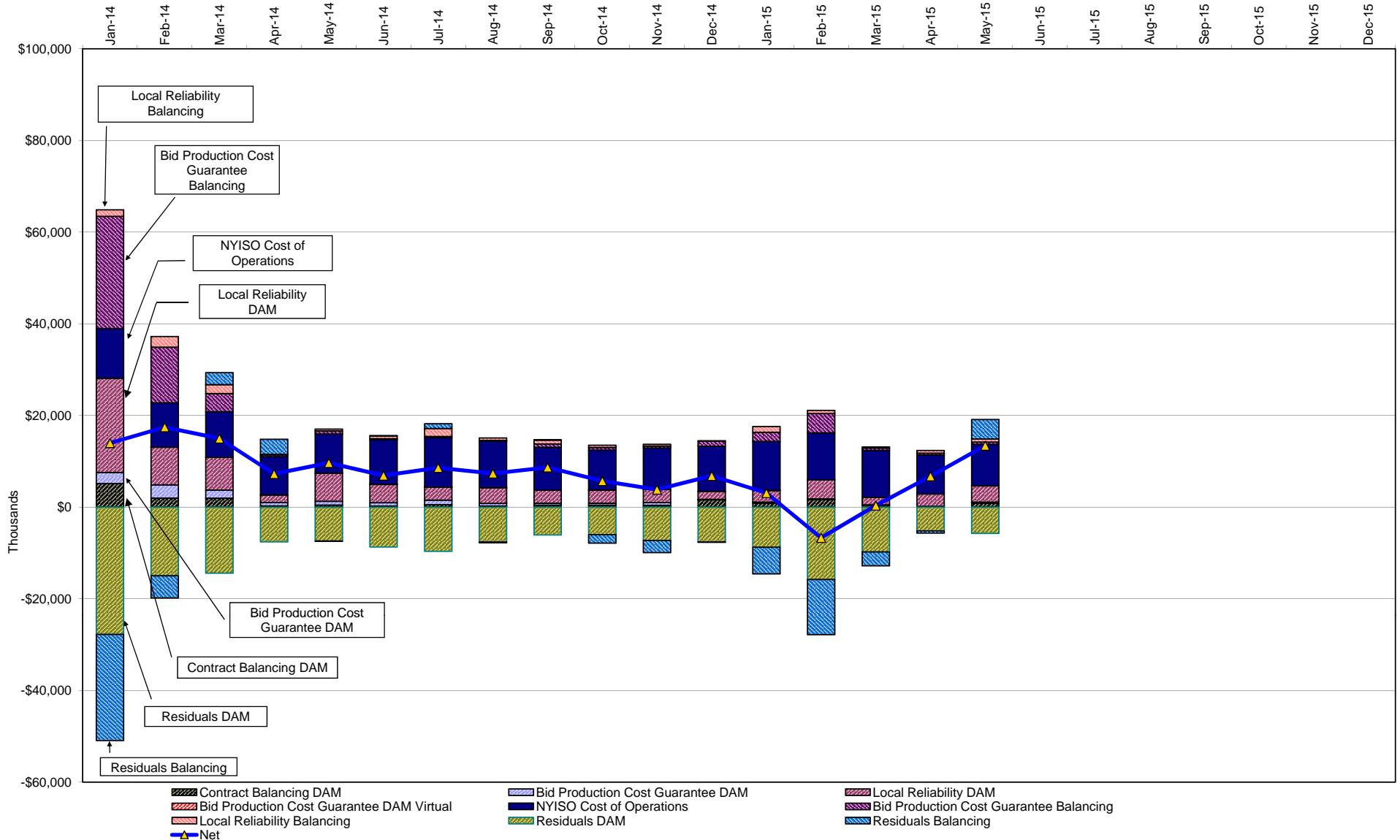
NYISO Average Cost/MWh (Energy and Ancillary Services) *
from the LBMP Customer point of view

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	28.35	32.98							
NTAC	0.32	0.35	0.42	0.64	0.56							
Reserve	0.27	0.37	0.56	0.36	0.38							
Regulation	0.10	0.18	0.11	0.12	0.10							
NYISO Cost of Operations	0.70	0.70	0.70	0.70	0.70							
Uplift	(0.50)	(1.17)	(0.68)	(0.14)	0.28							
Uplift: Local Reliability Share	0.25	0.33	0.13	0.27	0.32							
Uplift: Statewide Share	(0.75)	(1.49)	(0.81)	(0.41)	(0.04)							
Voltage Support and Black Start	0.39	0.39	0.39	0.39	0.39							
Avg Monthly Cost	60.88	115.17	53.59	30.42	35.39							
Avg YTD Cost	60.88	87.68	76.61	66.80	60.95							
TSA \$ per NYC MWh	0.00	0.00	0.00	0.00	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>
LBMP	183.36	123.19	109.58	46.09	40.30	43.39	43.97	34.48	37.63	35.61	42.89	38.08
NTAC	0.56	0.64	0.39	1.18	0.69	0.78	0.43	0.41	0.50	0.57	0.68	0.86
Reserve	0.78	0.49	0.56	0.46	0.28	0.27	0.26	0.26	0.29	0.48	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)	(0.20)
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)	(0.33)
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	39.38	37.59	44.71	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	69.31
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: 6/8/2015 10:46 AM

Data reflects true-ups thru Dec 2014.

NYISO Dollar Flows - Uplift- OATT Schedule 1 components - Data through May 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	12,589,321	13,291,917							
DAM LSE Internal LBMP Energy Sales	55%	54%	53%	55%	57%							
DAM External TC LBMP Energy Sales	5%	6%	6%	4%	2%							
DAM Bilateral - Internal Bilaterals	35%	33%	33%	33%	35%							
DAM Bilateral - Import/Non-LBMP Market Bilaterals	3%	5%	5%	6%	4%							
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	1%	2%	1%							
DAM Bilateral - Wheel Through Bilaterals	0%	1%	1%	1%	0%							
Balancing Energy Market MWh	-648,574	-287,795	-397,342	-410,311	-327,906							
Balancing Energy LSE Internal LBMP Energy Sales	-149%	-252%	-192%	-147%	-143%							
Balancing Energy External TC LBMP Energy Sales	30%	117%	64%	36%	36%							
Balancing Energy Bilateral - Internal Bilaterals	13%	14%	19%	5%	6%							
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%							
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	6%	8%	12%	11%	10%							
Balancing Energy Bilateral - Wheel Through Bilaterals	0%	12%	-4%	-5%	-9%							
Transactions Summary												
LBMP	58%	59%	57%	57%	58%							
Internal Bilaterals	37%	34%	35%	35%	36%							
Import Bilaterals	3%	5%	5%	6%	4%							
Export Bilaterals	2%	2%	2%	2%	2%							
Wheels Through	0%	1%	1%	0%	0%							
Market Share of Total Load												
Day Ahead Market	104.2%	102.0%	102.7%	103.4%	102.5%							
Balancing Energy +	-4.2%	-2.0%	-2.7%	-3.4%	-2.5%							
Total MWh	15,312,732	14,679,576	14,661,865	12,179,010	12,964,011							
Average Daily Energy Sendout/Month GWh	462	481	436	387	409							

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	-674,285	-999,342	-750,627	-705,848
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%	20%	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%	107.9%	105.7%	104.9%
Balancing Energy +	-1.6%	-2.1%	-0.8%	0.4%	-4.1%	-3.9%	-5.5%	-5.2%	-4.9%	-7.9%	-5.7%	-4.9%
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	13,638,224	12,684,816	13,194,882	14,286,808
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	\$26.07	\$29.21							
Standard Deviation	\$24.61	\$48.85	\$21.51	\$6.73	\$13.44							
Load Weighted Price **	\$55.40	\$104.52	\$48.01	\$26.84	\$31.08							
<u>RTC LBMP</u>												
Price *	\$46.98	\$95.06	\$43.43	\$25.11	\$32.85							
Standard Deviation	\$22.84	\$47.55	\$29.42	\$12.31	\$35.40							
Load Weighted Price **	\$48.59	\$97.62	\$45.10	\$26.00	\$35.08							
<u>REAL TIME LBMP</u>												
Price *	\$48.51	\$98.83	\$44.38	\$25.46	\$30.39							
Standard Deviation	\$25.99	\$52.53	\$29.07	\$12.66	\$31.69							
Load Weighted Price **	\$50.18	\$101.34	\$46.10	\$26.28	\$32.52							
Average Daily Energy Sendout/Month GWh	462	481	436	387	409							

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

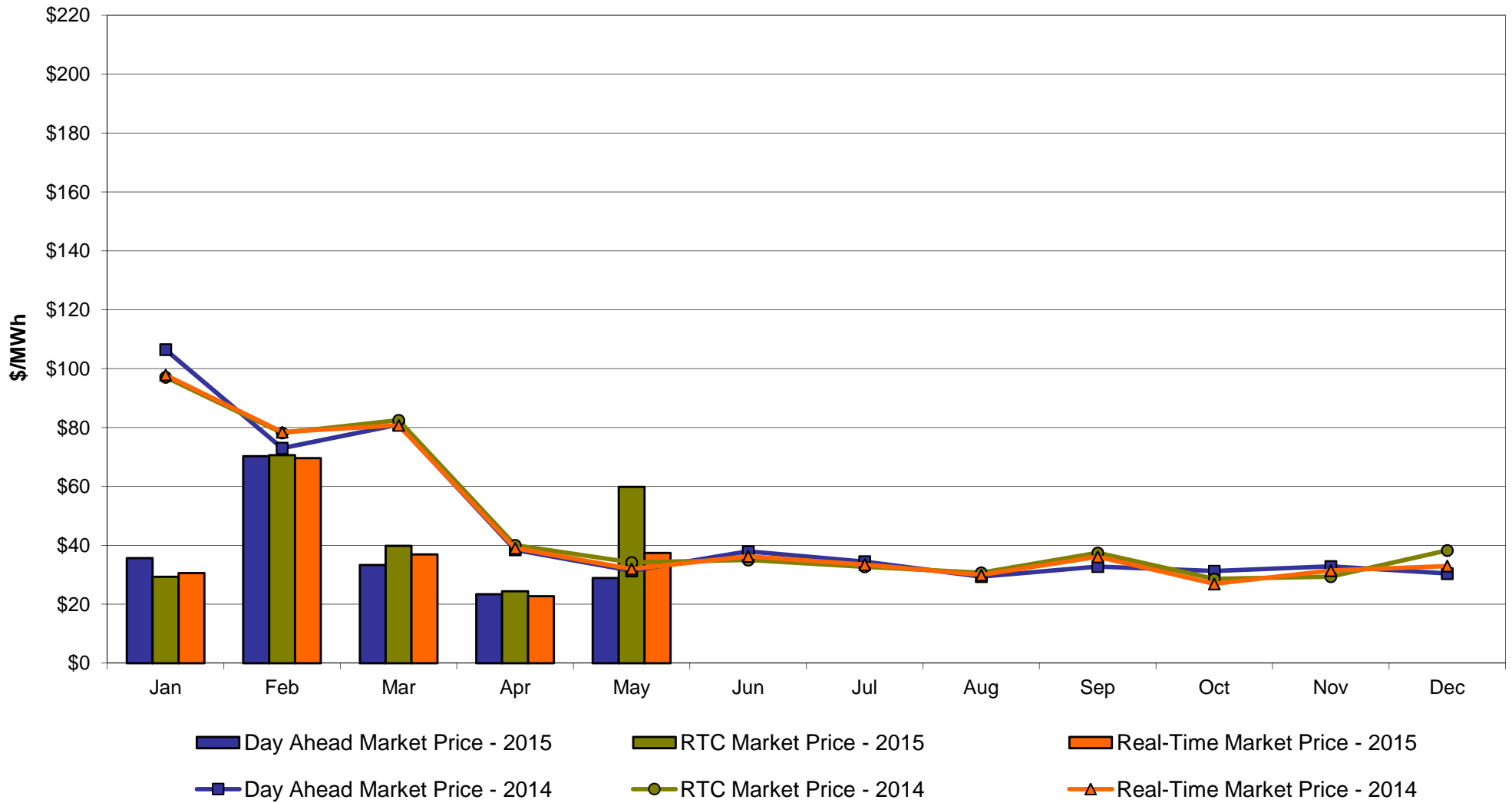


May 2015 Zonal LBMP Statistics for NYISO (\$/MWh)

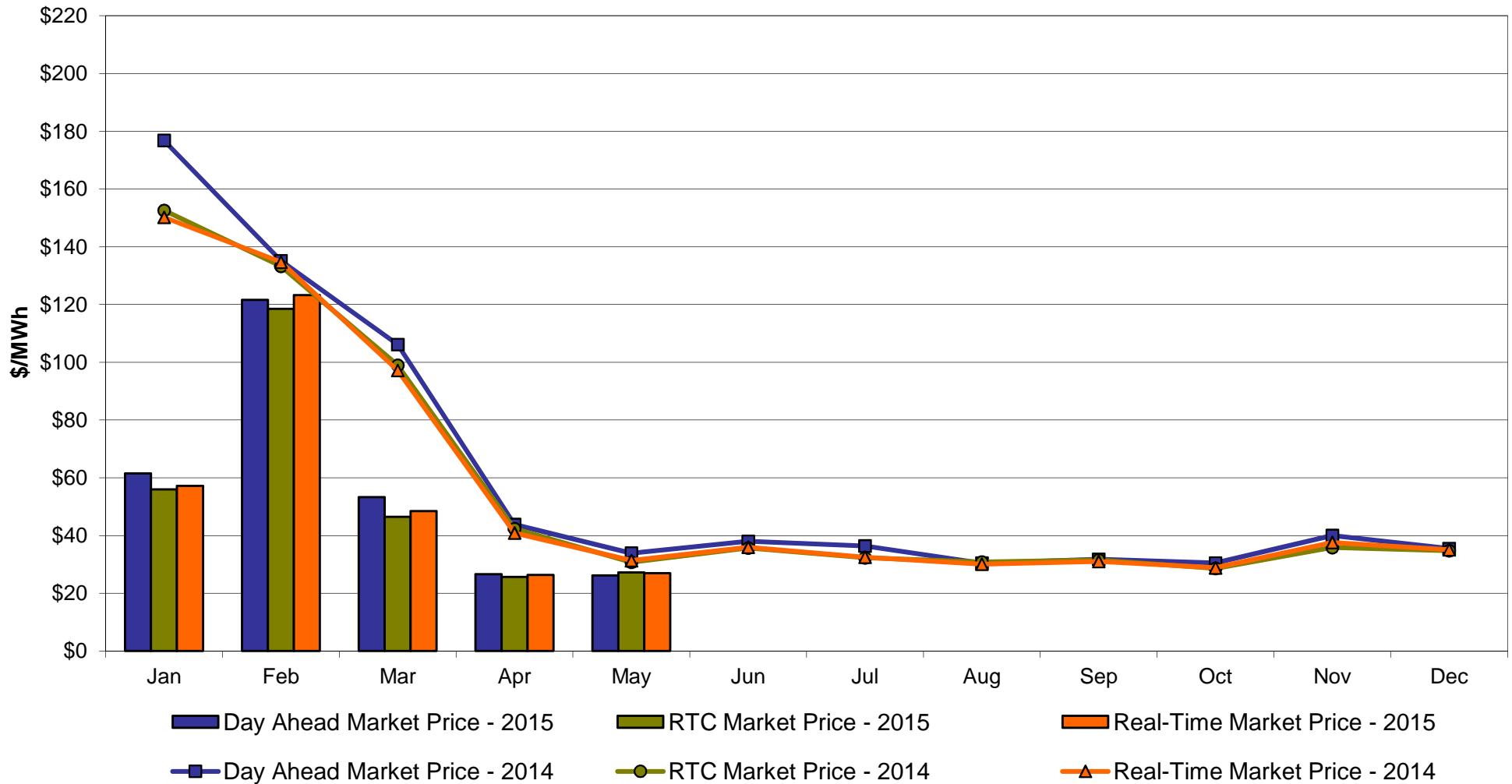
	<u>WEST</u> <u>Zone A</u>	<u>GENESEE</u> <u>Zone B</u>	<u>NORTH</u> <u>Zone D</u>	<u>CENTRAL</u> <u>Zone C</u>	<u>MOHAWK</u> <u>VALLEY</u> <u>Zone E</u>	<u>CAPITAL</u> <u>Zone F</u>	<u>HUDSON</u> <u>VALLEY</u> <u>Zone G</u>	<u>MILLWOOD</u> <u>Zone H</u>	<u>DUNWOODIE</u> <u>Zone I</u>	<u>NEW YORK</u> <u>CITY</u> <u>Zone J</u>	<u>LONG</u> <u>ISLAND</u> <u>Zone K</u>
DAY AHEAD LBMP											
Unweighted Price *	28.91	24.19	20.42	25.66	25.35	26.23	29.47	29.94	29.99	30.35	35.24
Standard Deviation	15.98	10.45	7.56	11.39	10.64	10.89	13.94	14.62	14.68	14.63	17.93
RTC LBMP											
Unweighted Price *	59.82	25.43	21.33	29.61	26.48	27.24	28.99	29.18	29.27	30.00	35.22
Standard Deviation	116.60	26.39	24.78	32.67	26.88	26.77	29.14	29.46	29.53	29.66	46.17
REAL TIME LBMP											
Unweighted Price *	37.45	24.83	21.10	27.48	26.11	26.99	28.76	28.96	29.06	29.98	36.70
Standard Deviation	69.15	24.92	20.62	30.41	25.57	25.95	28.54	28.99	29.10	29.43	47.38
	<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 *	21.82	23.58	23.53	28.41	27.38	34.83	30.15	34.80	29.56	30.33	19.80
Standard Deviation	8.29	9.24	9.14	13.48	11.57	17.89	9.85	17.81	12.61	14.71	7.81
RTC LBMP											
Unweighted Price *	16.71	23.25	23.25	36.21	27.06	33.49	32.87	33.57	28.88	29.34	20.52
Standard Deviation	26.01	25.11	25.11	59.03	27.10	44.56	44.16	44.68	28.41	28.97	27.04
REAL TIME LBMP											
Unweighted Price *	21.70	22.84	22.84	31.90	26.54	35.84	30.80	35.28	28.91	29.28	20.96
Standard Deviation	19.69	21.57	21.57	53.57	24.73	47.05	51.42	45.82	25.75	26.42	20.12

* Straight LBMP averages

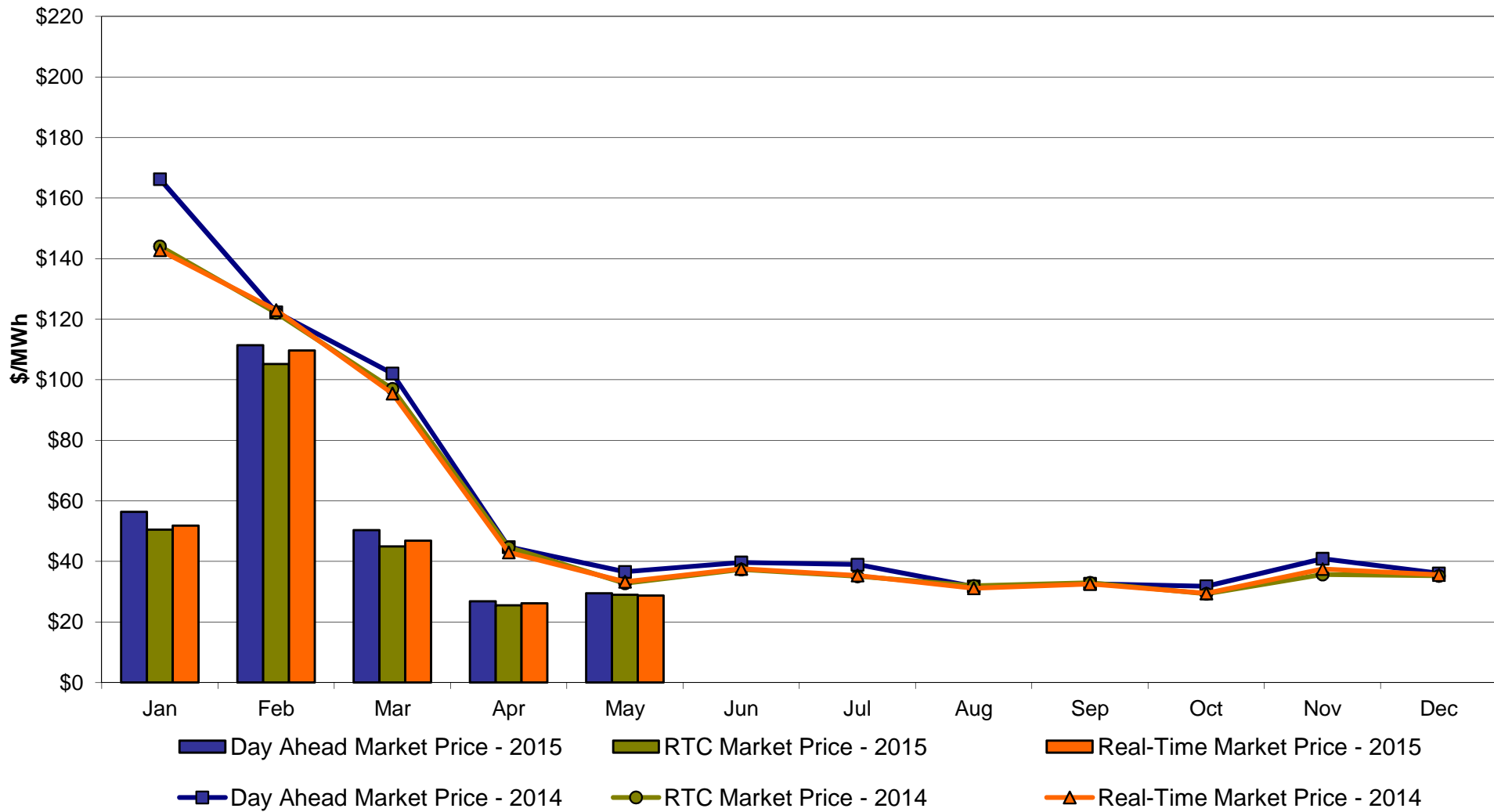
West Zone A Monthly Average LBMP Prices 2014 - 2015



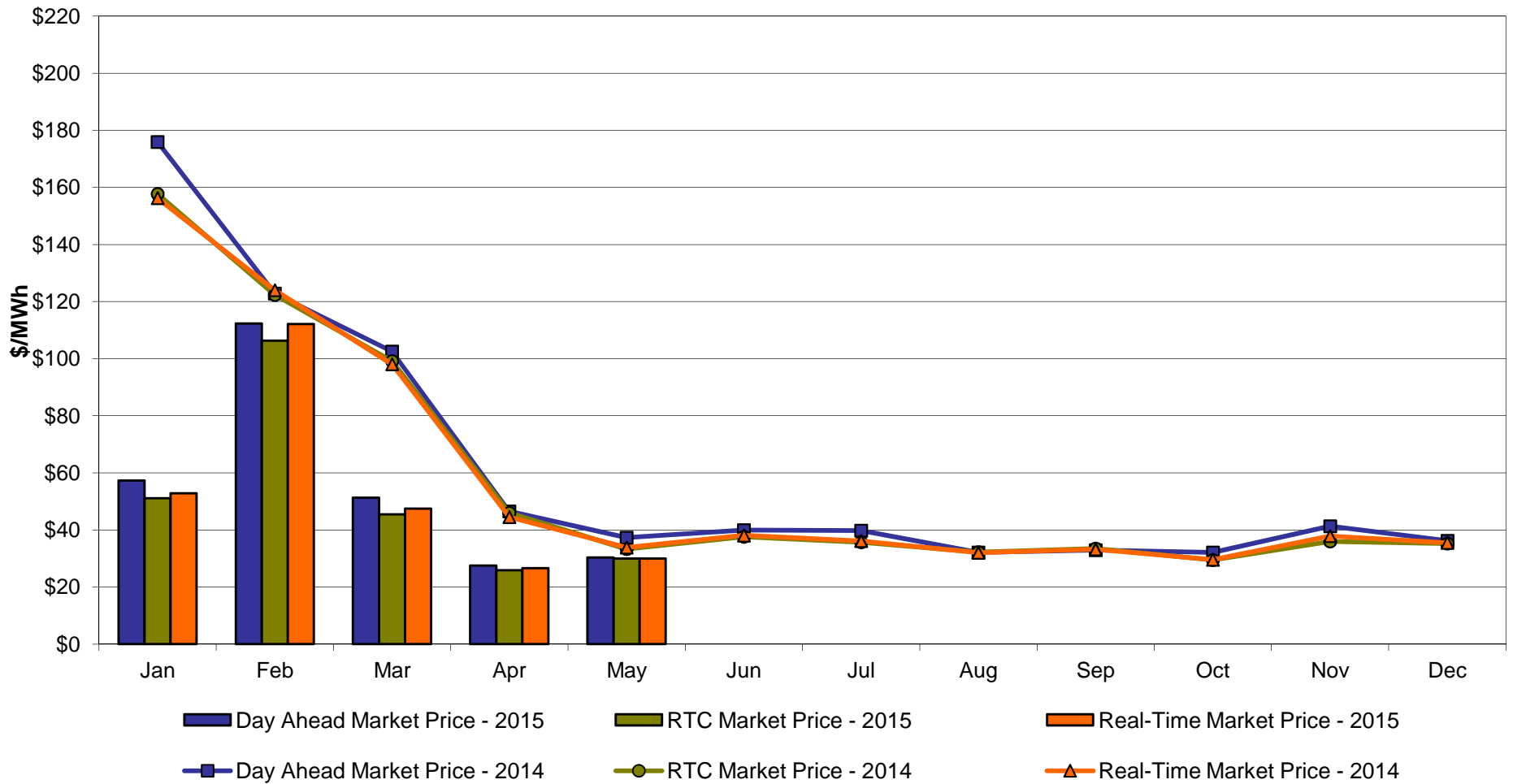
Capital Zone F Monthly Average LBMP Prices 2014 - 2015



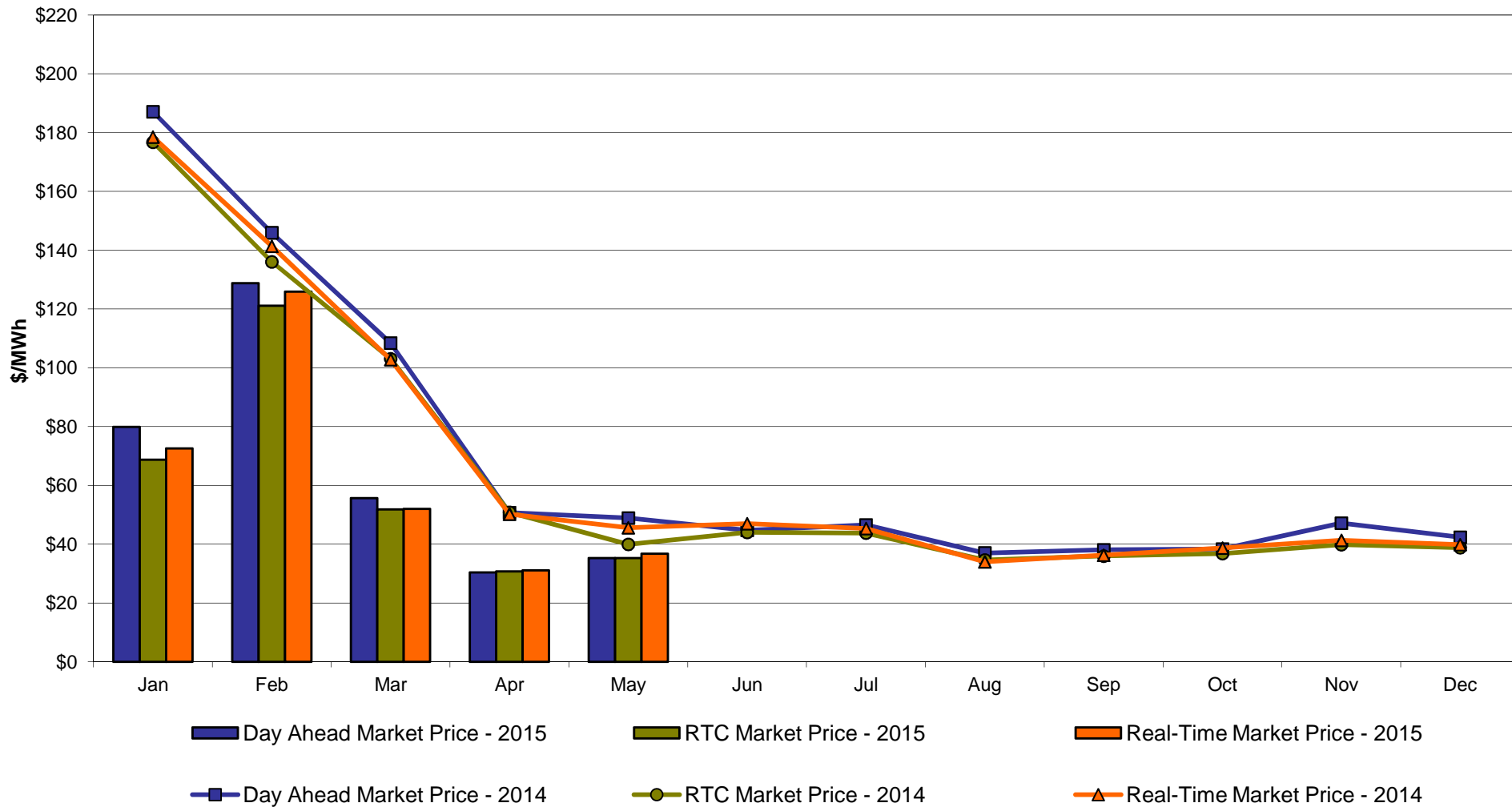
Hudson Valley Zone G Monthly Average LBMP Prices 2014 - 2015



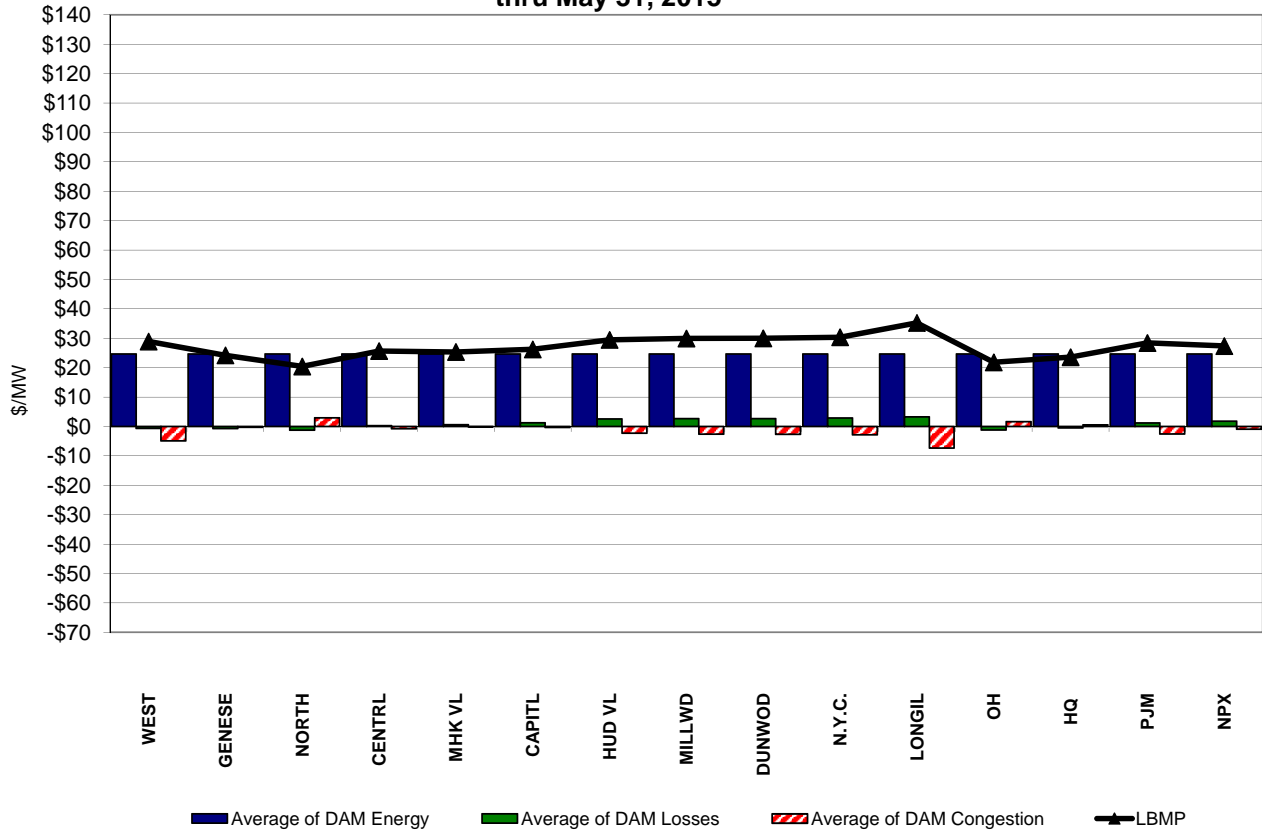
NYC Zone J Monthly Average LBMP Prices 2014 - 2015



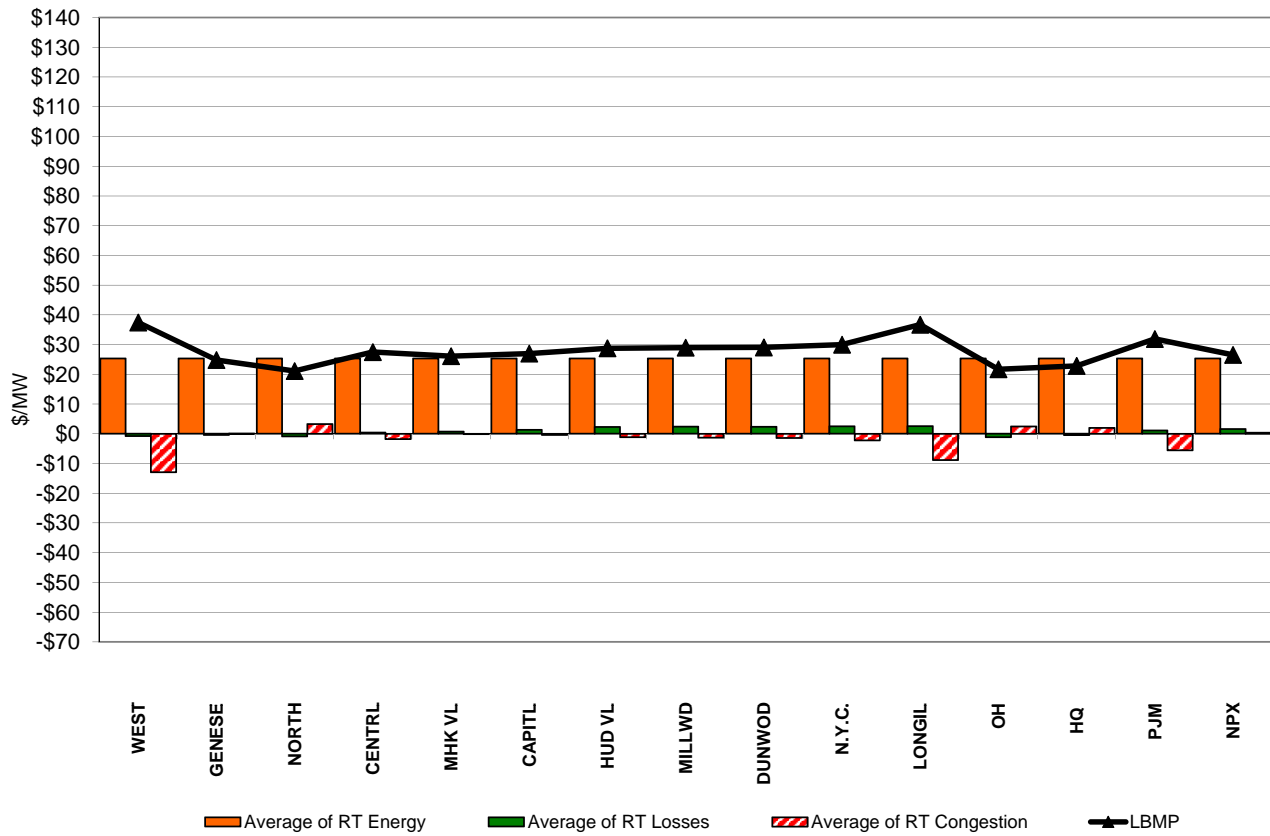
Long Island Zone K Monthly Average LBMP Prices 2014 - 2015



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

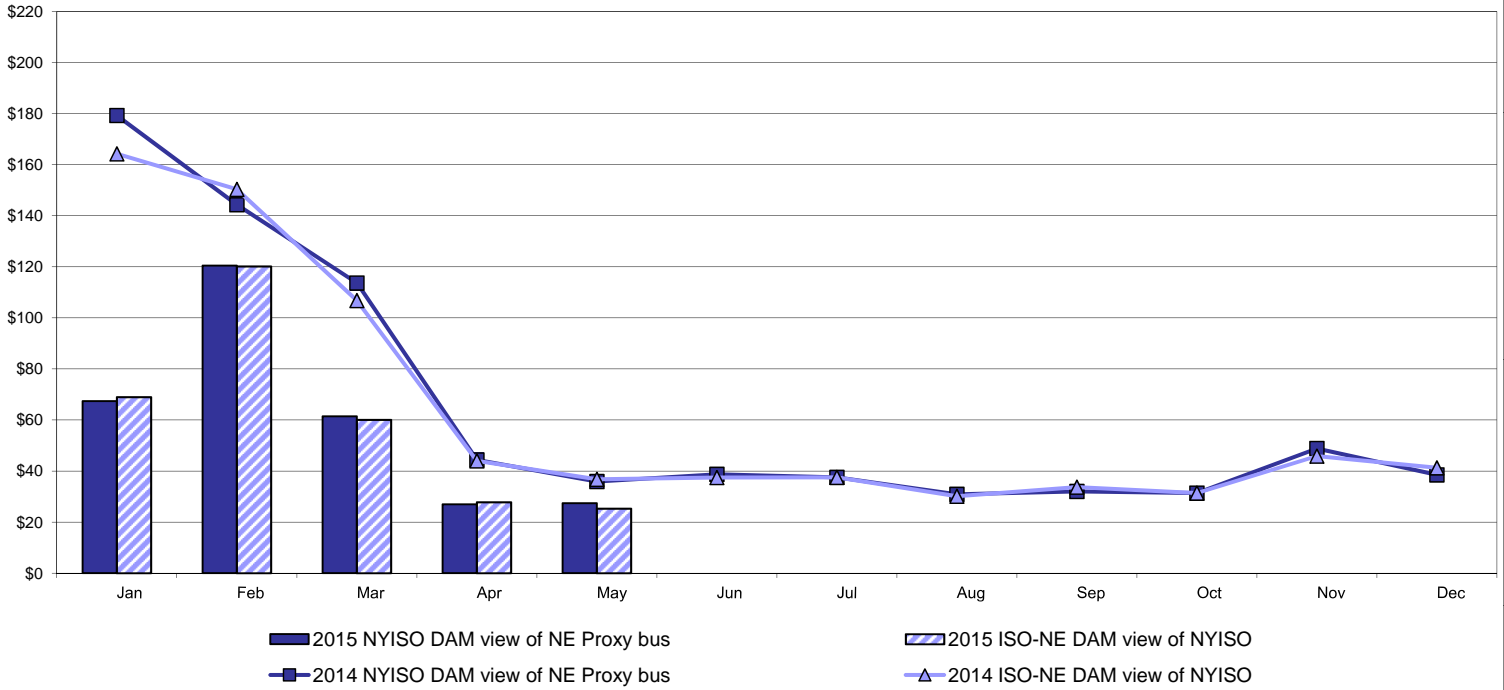


RT Zonal Unweighted Monthly Average LBMP Components thru May 31, 2015

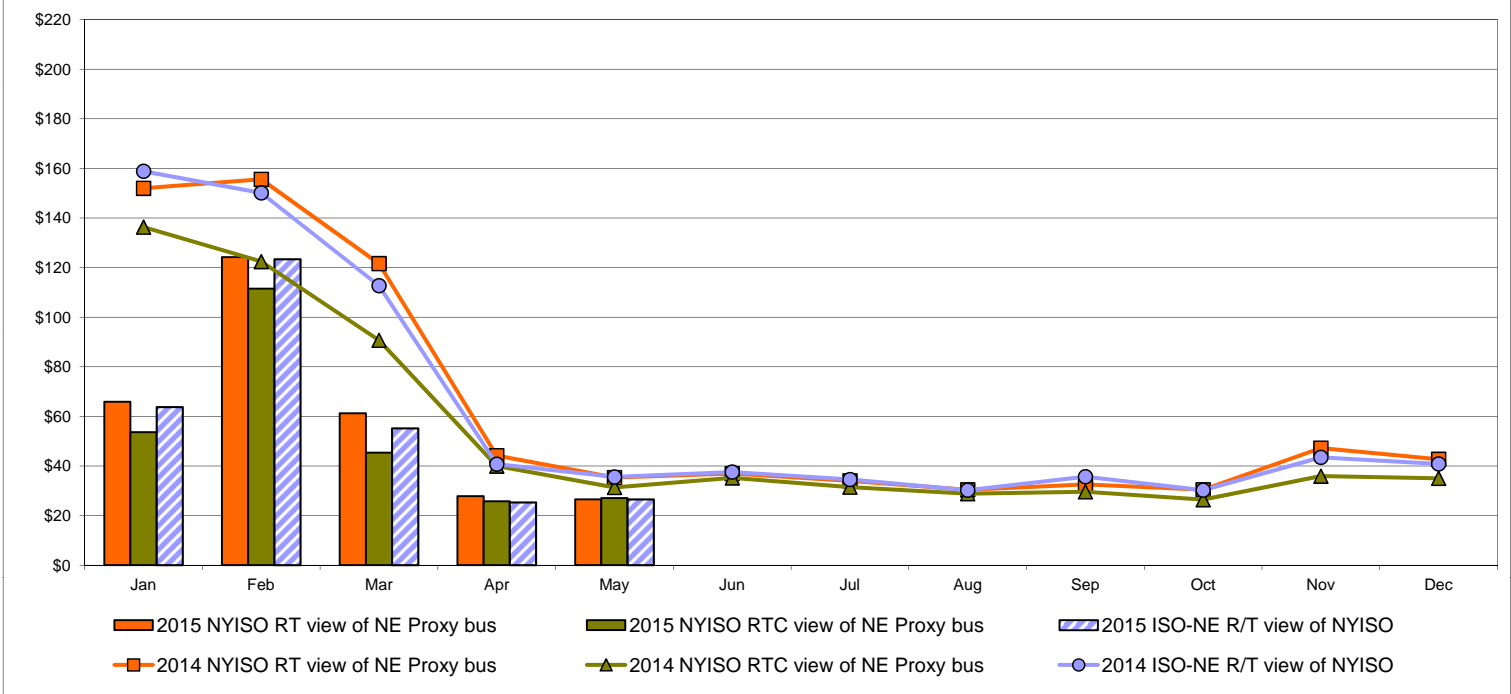


External Comparison ISO-New England

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

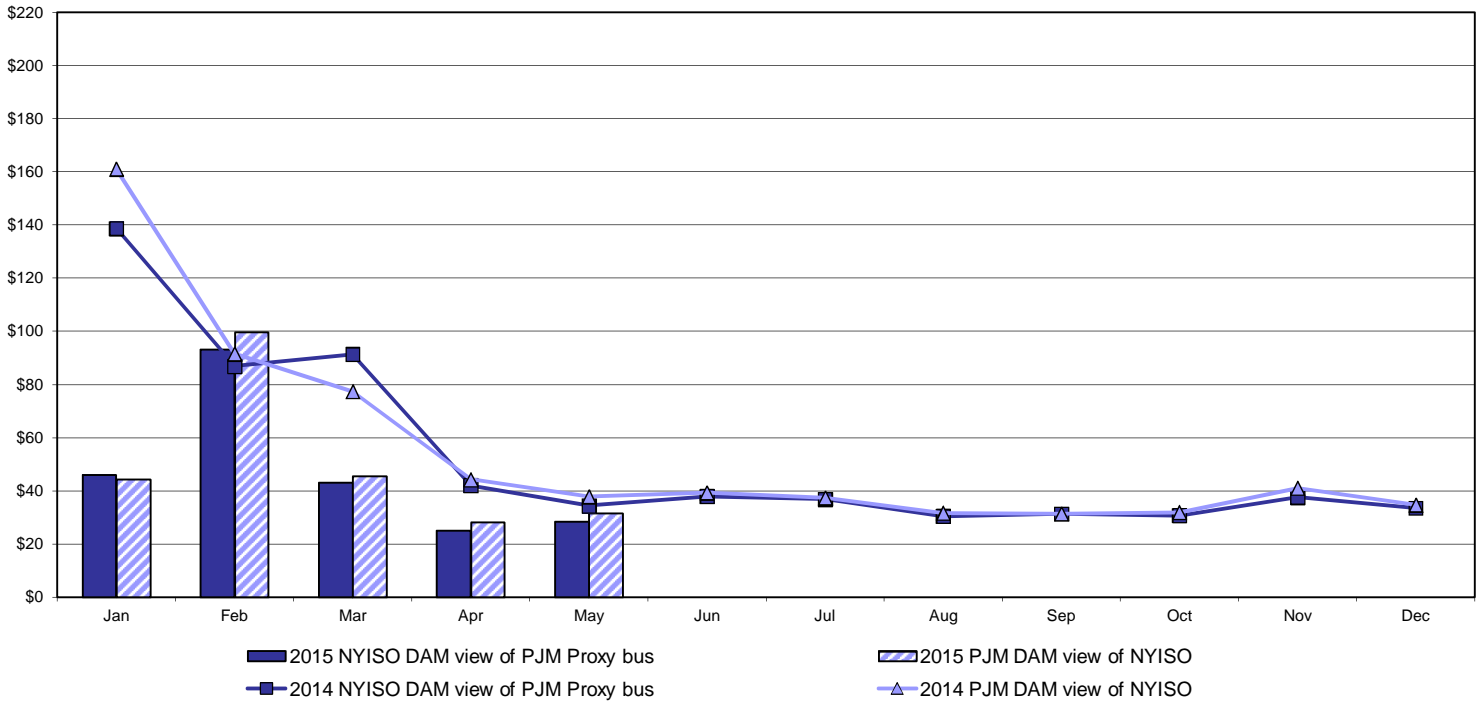


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

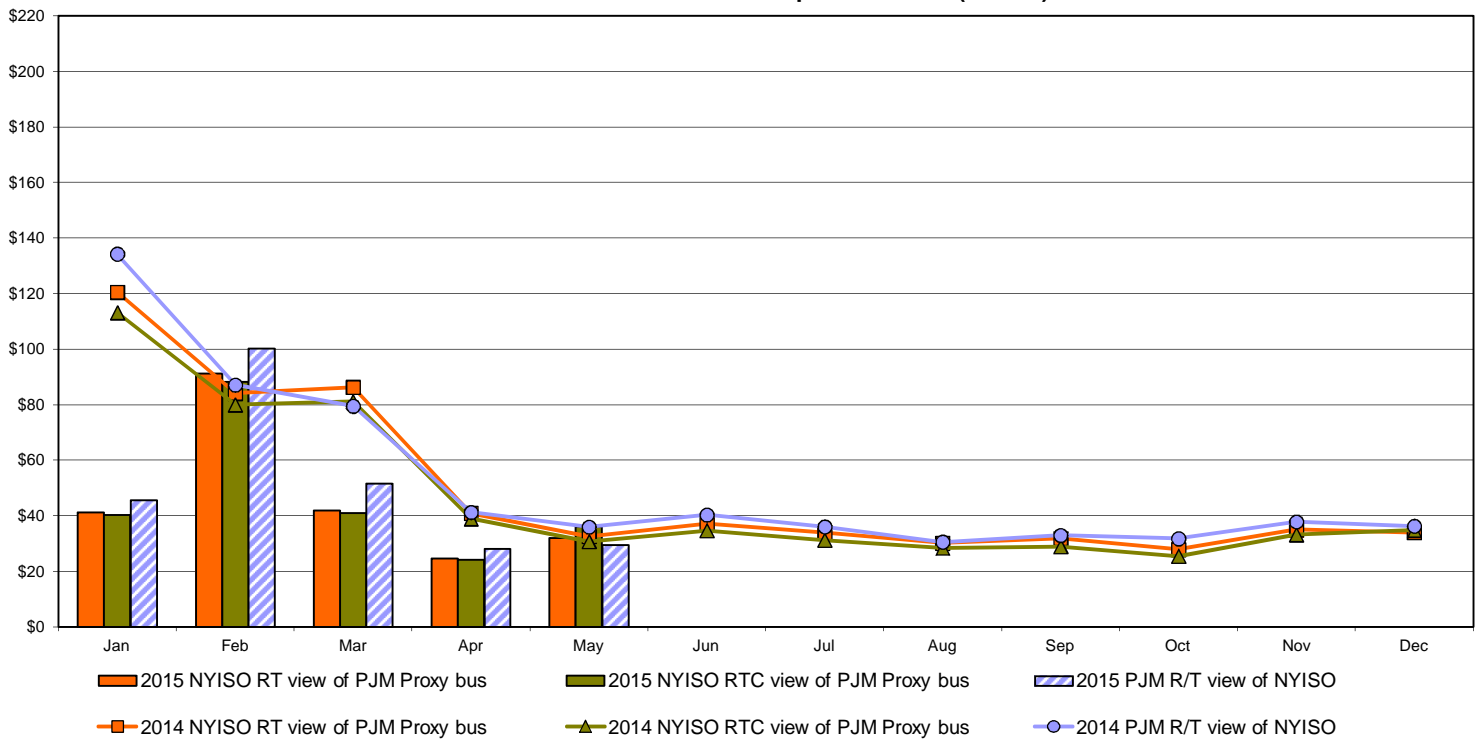


External Comparison PJM

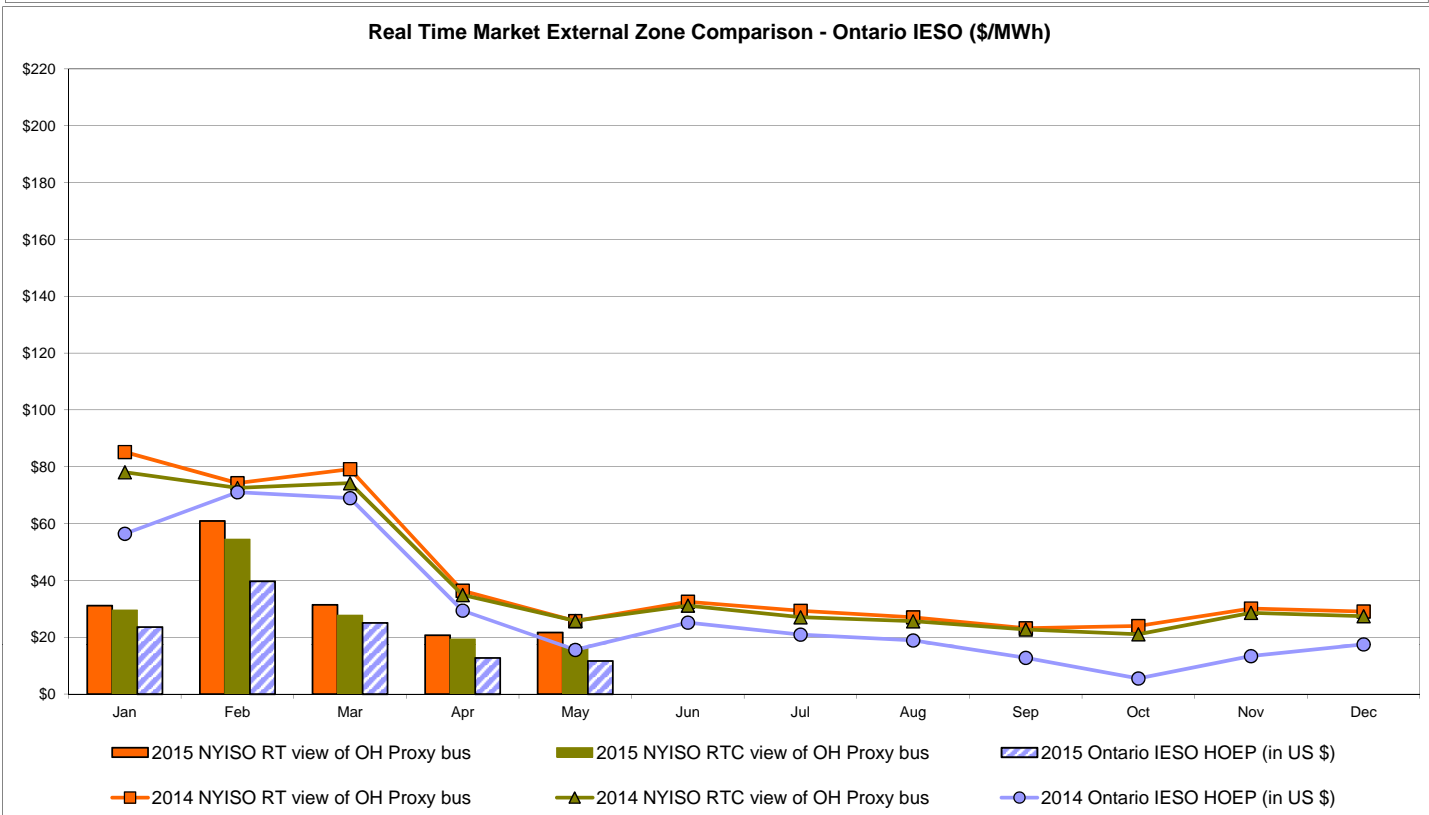
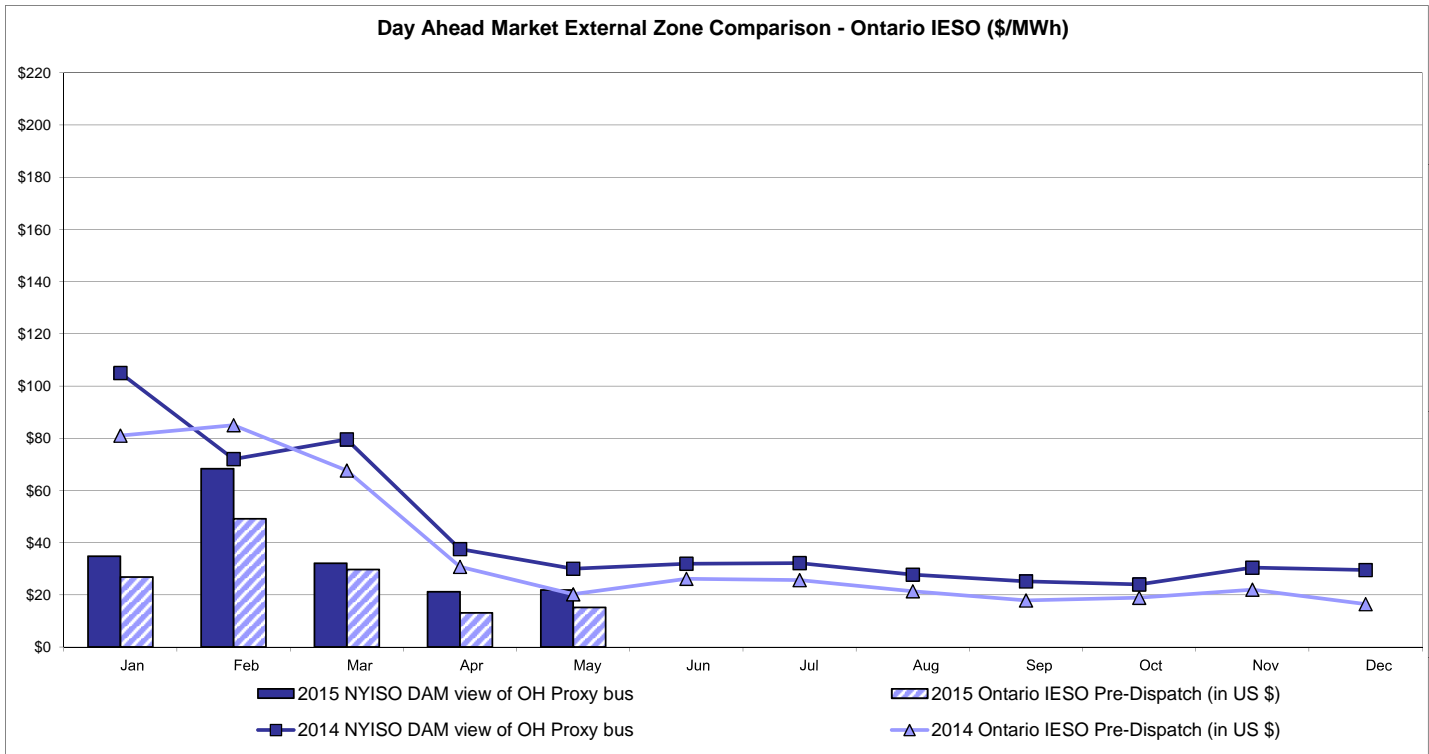
Day Ahead Market External Zone Comparison - PJM (\$/MWh)



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

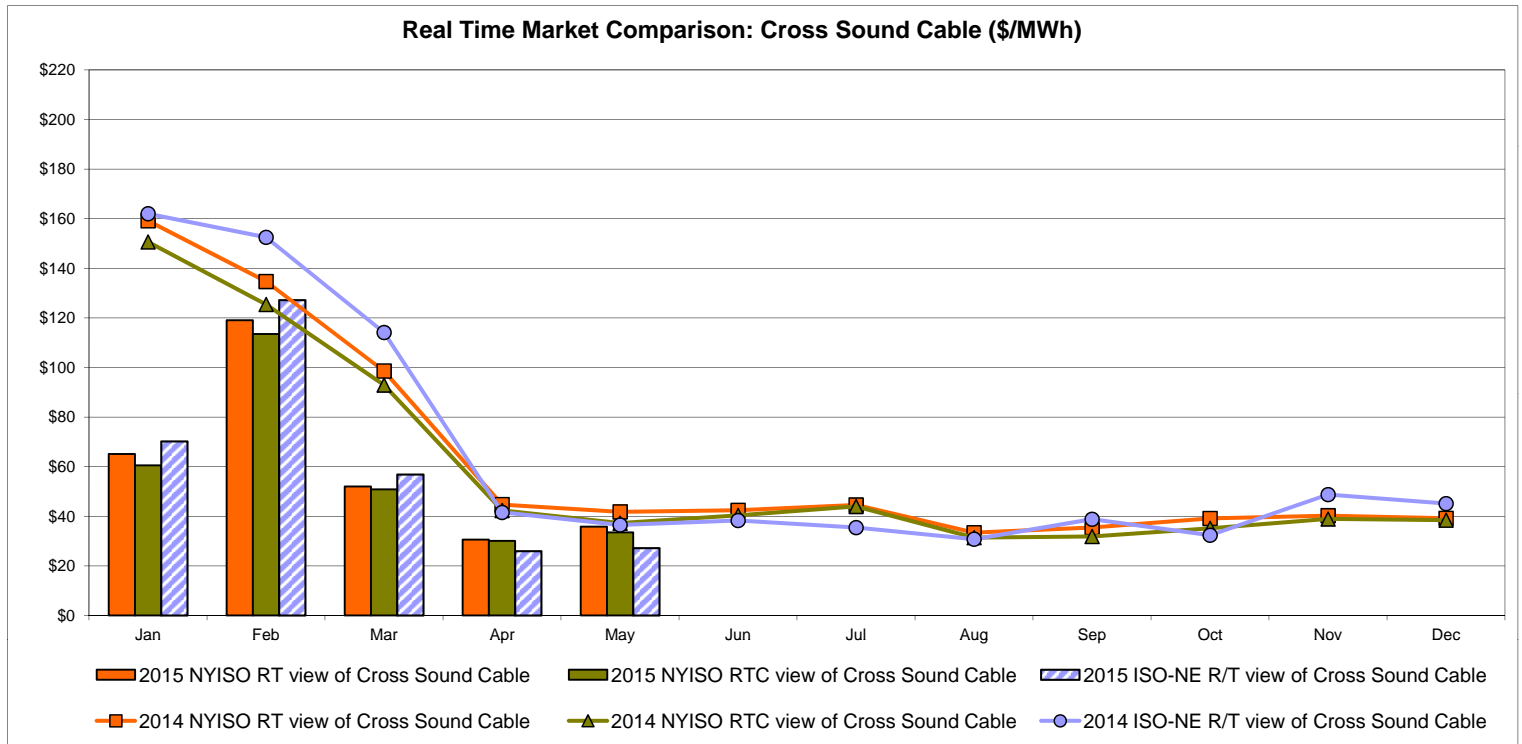
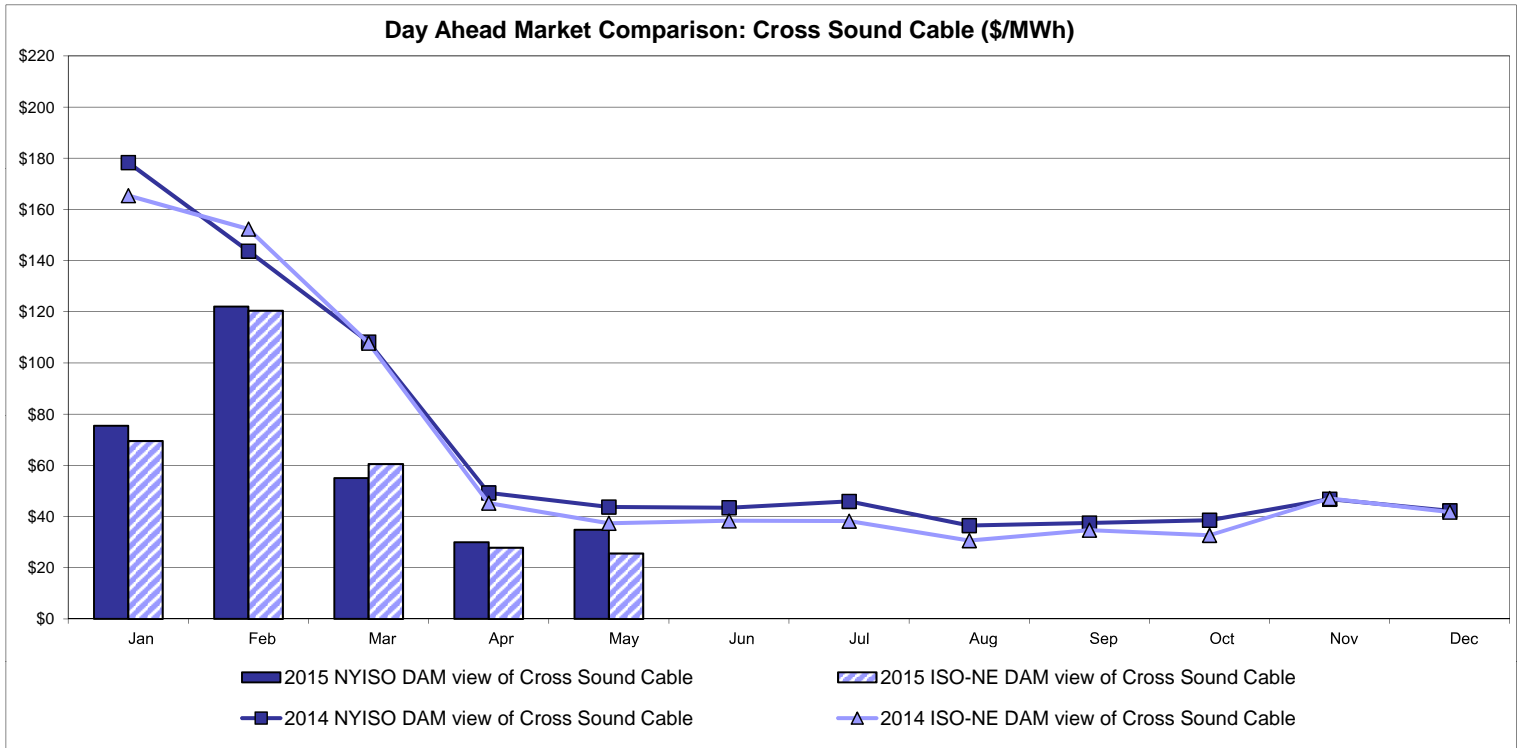


External Comparison Ontario IESO



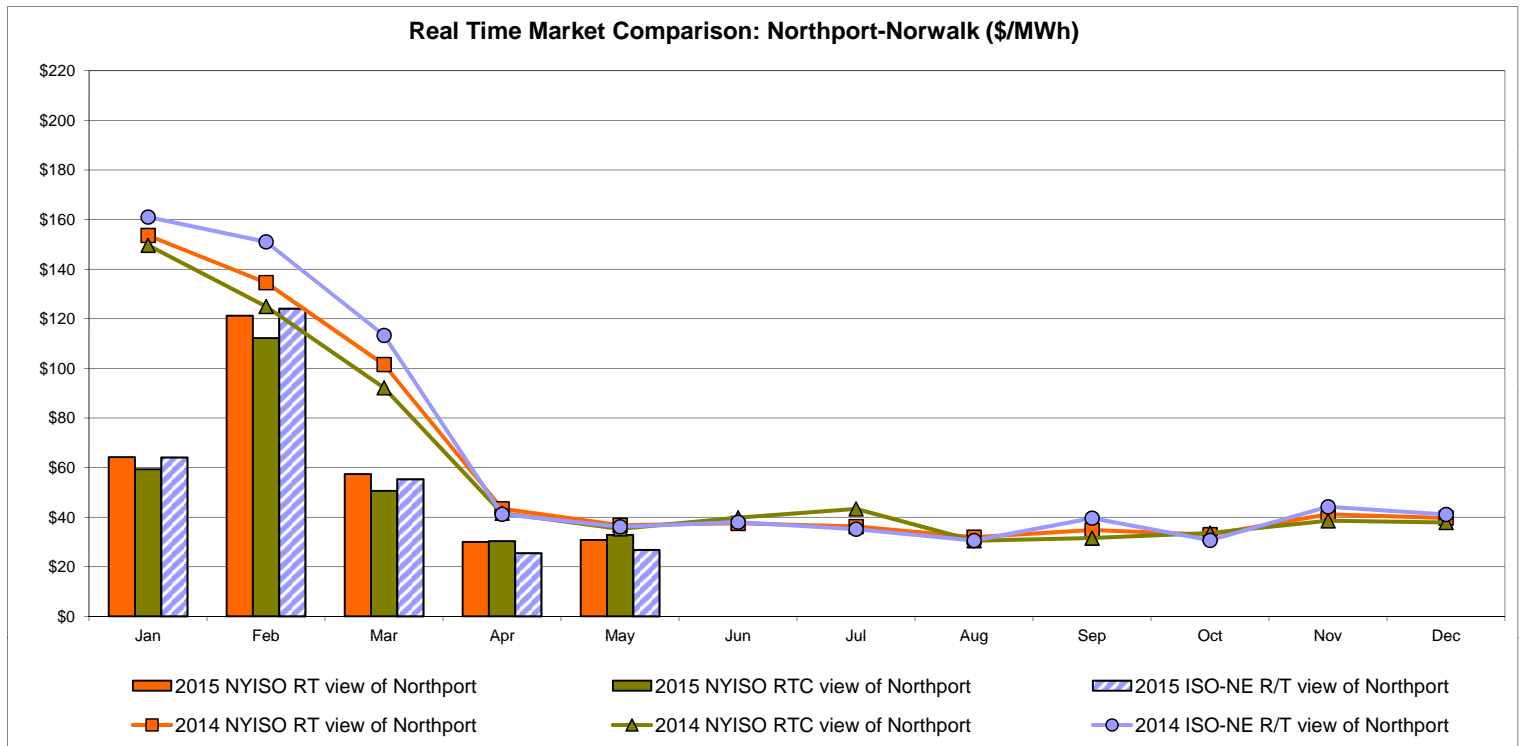
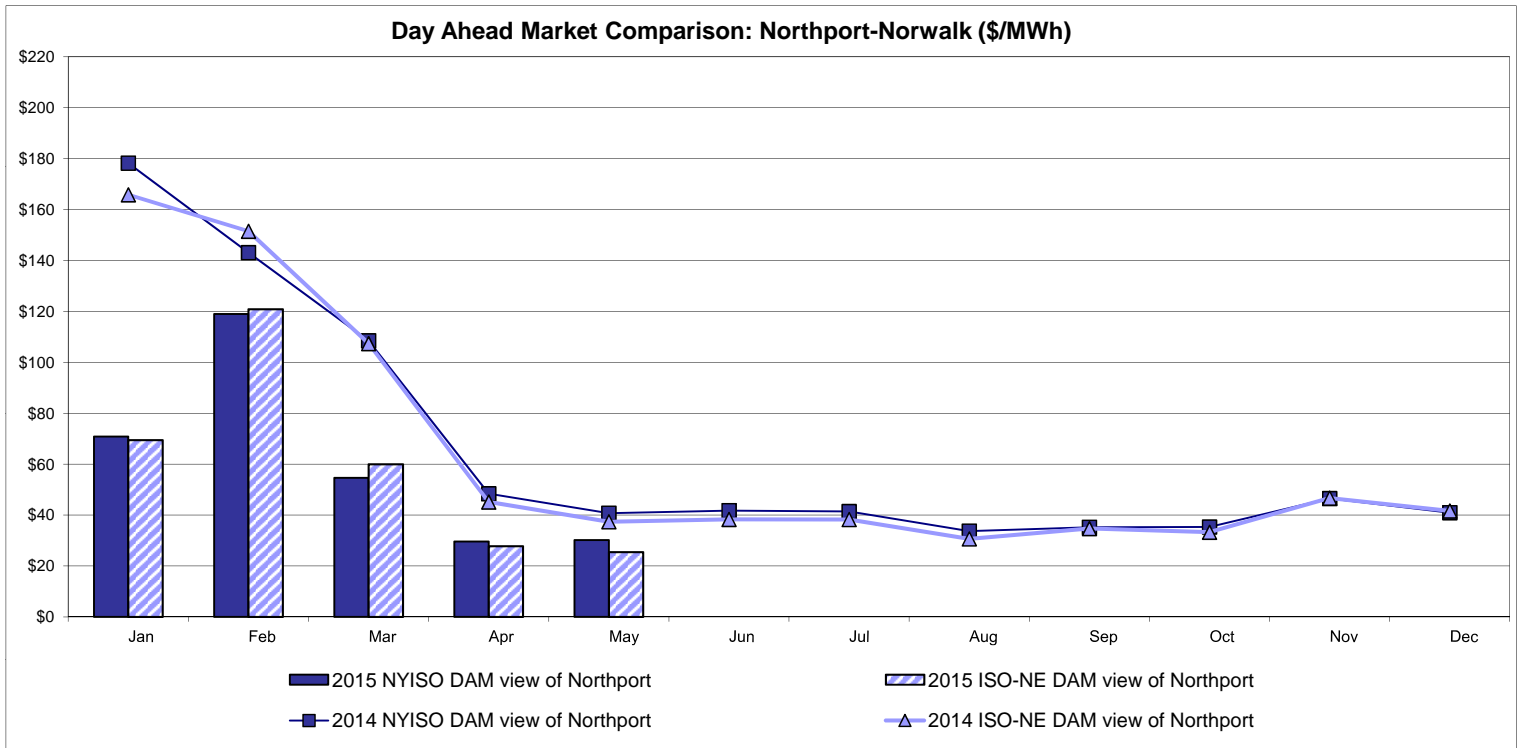
Notes: Exchange factor used for May 2015 was 0.821288 to US
 HOEP: Hourly Ontario Energy Price
 Pre-Dispatch: Projected Energy Price

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.

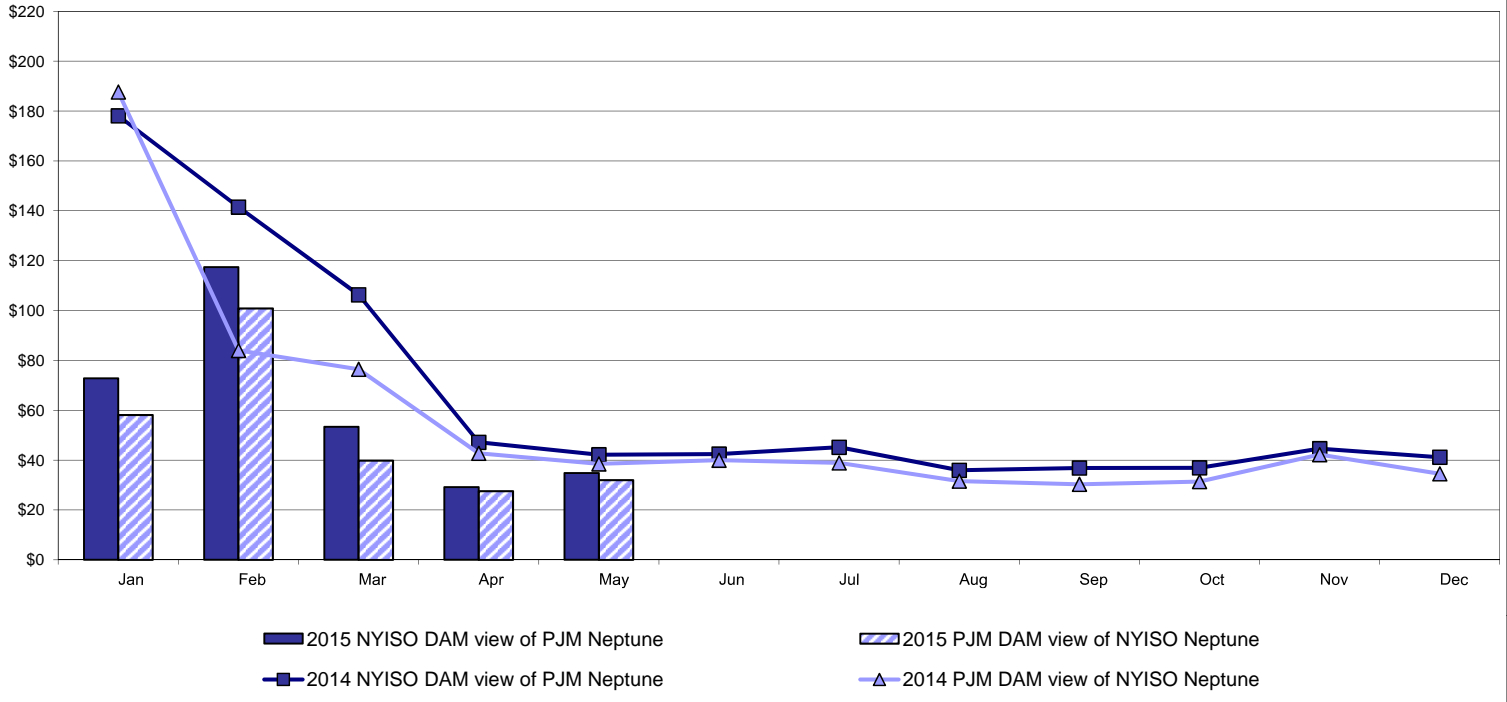
External Controllable Line: Northport - Norwalk (New England)



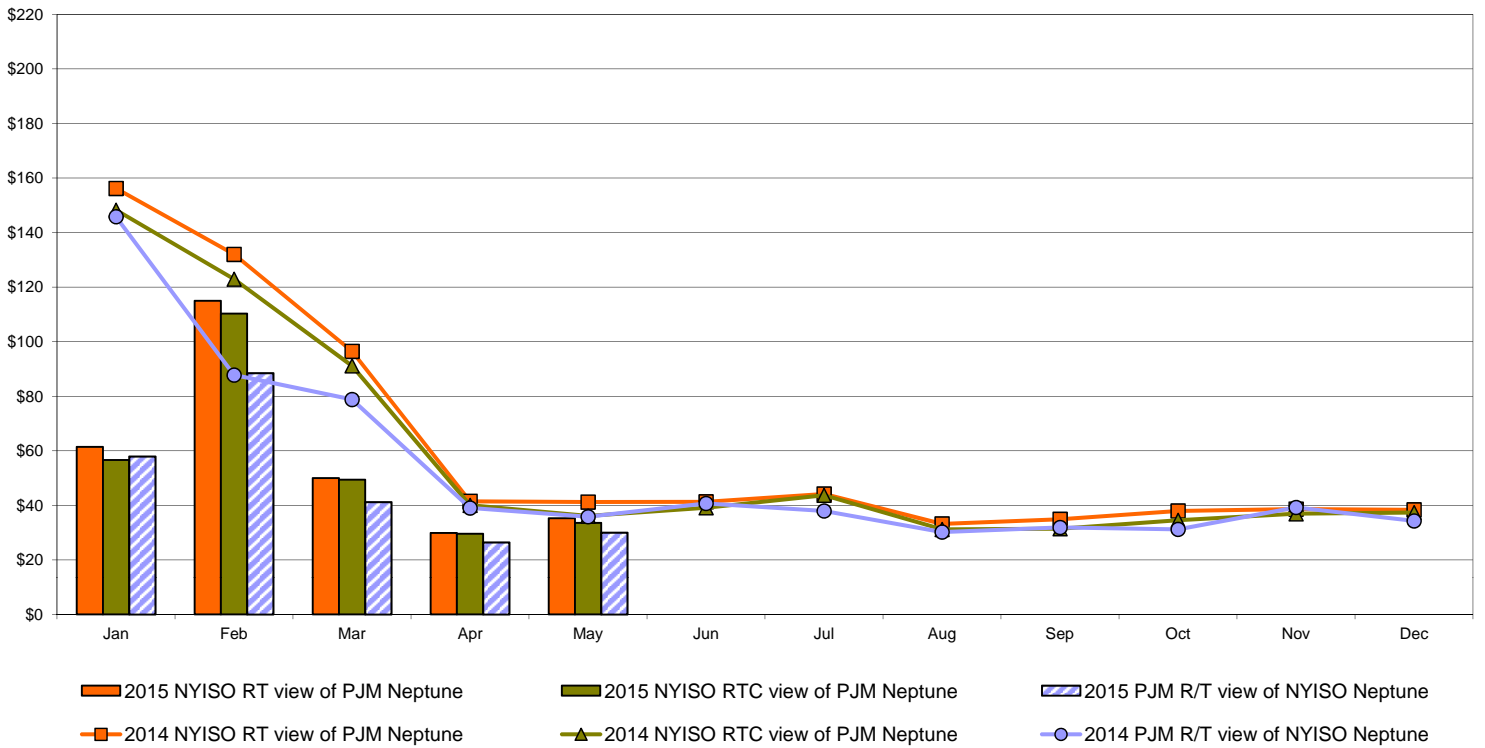
Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before.
 The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.
 The DAM and R/T prices at the 1385 interface are used for NYISO.

External Controllable Line: Neptune (PJM)

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

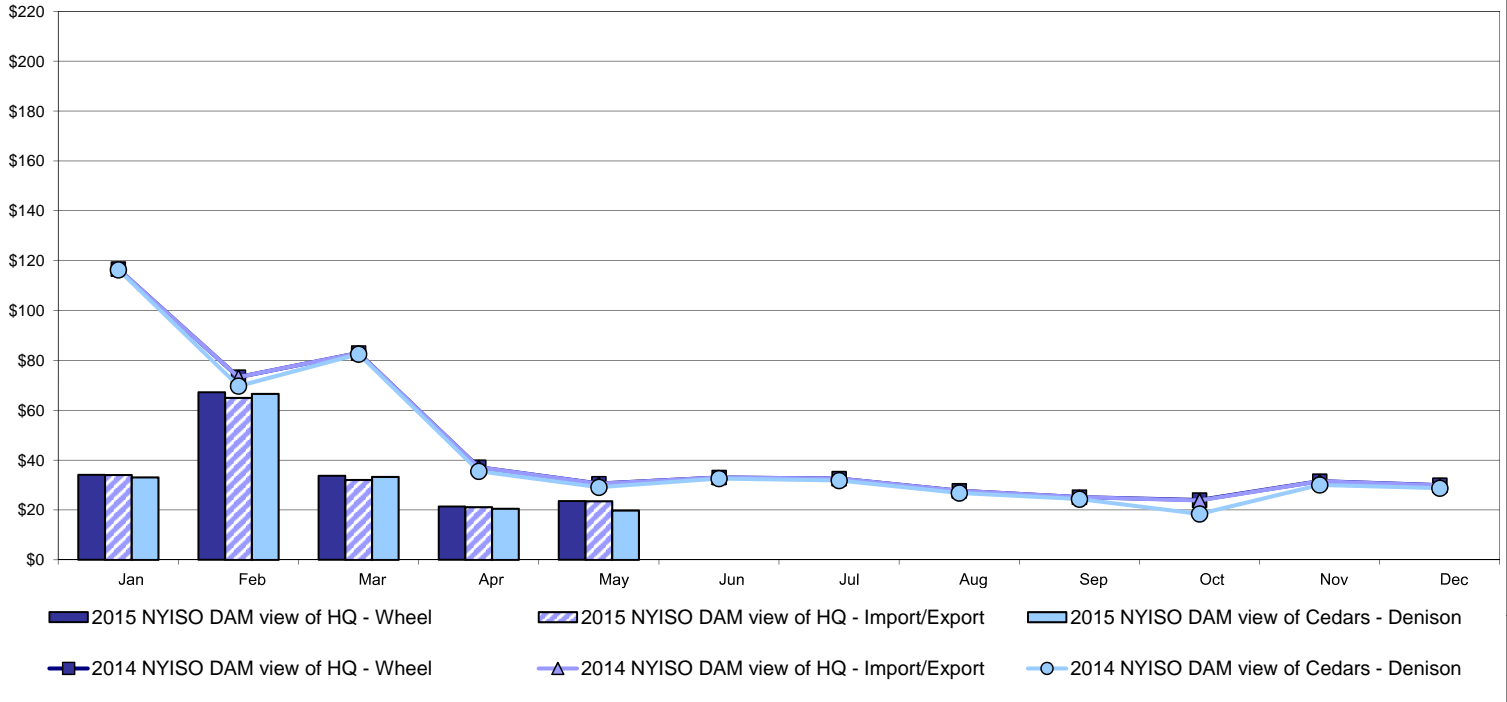


Real Time Market Comparison: Neptune (\$/MWh)

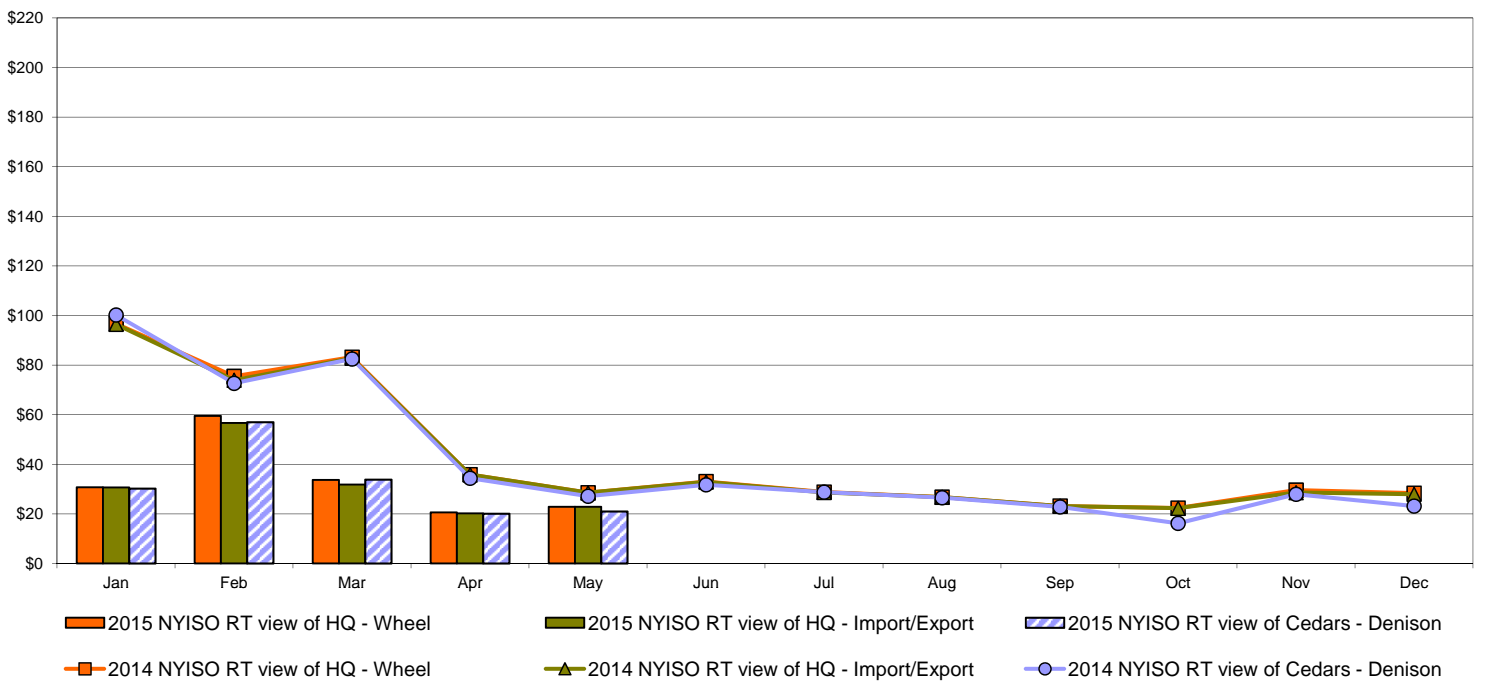


External Comparison Hydro-Quebec

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

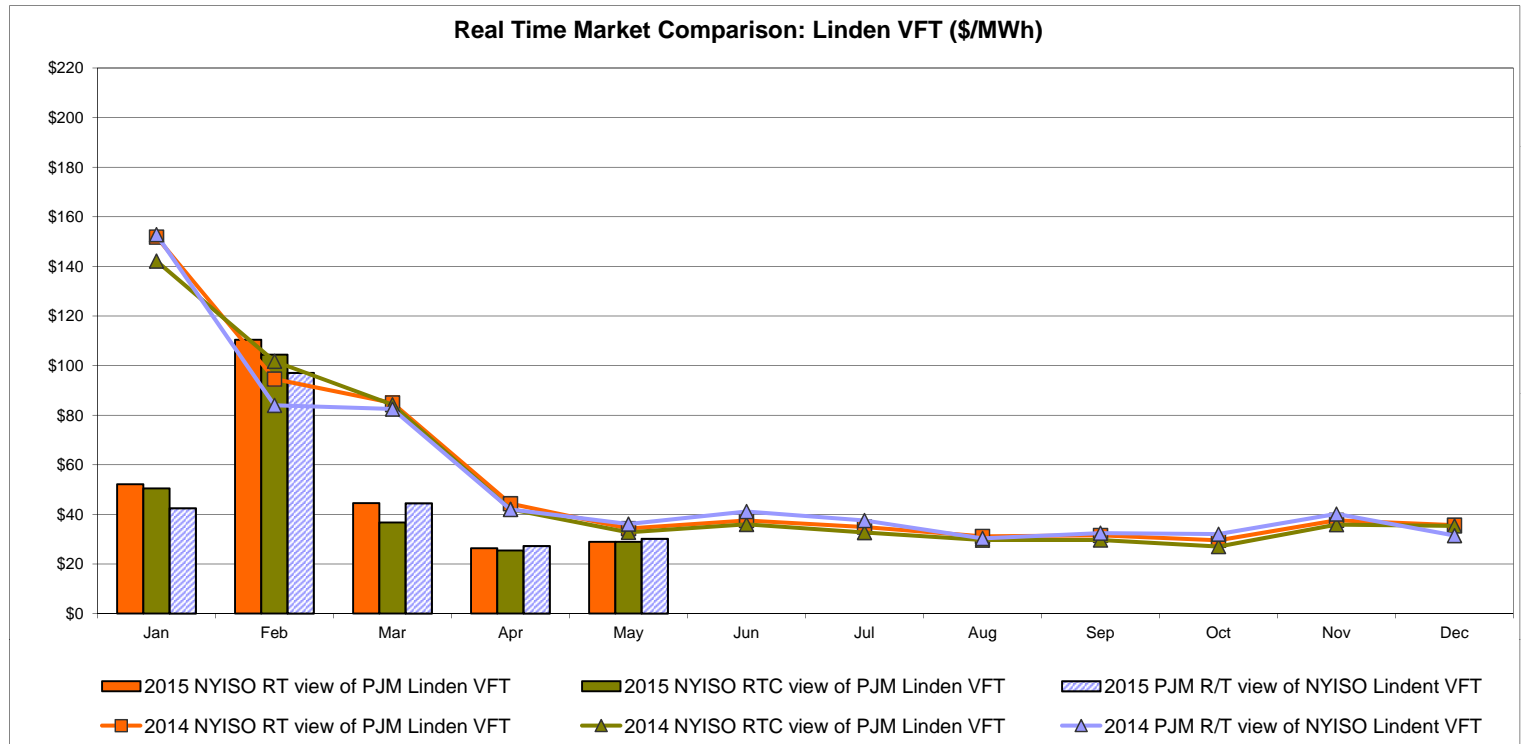
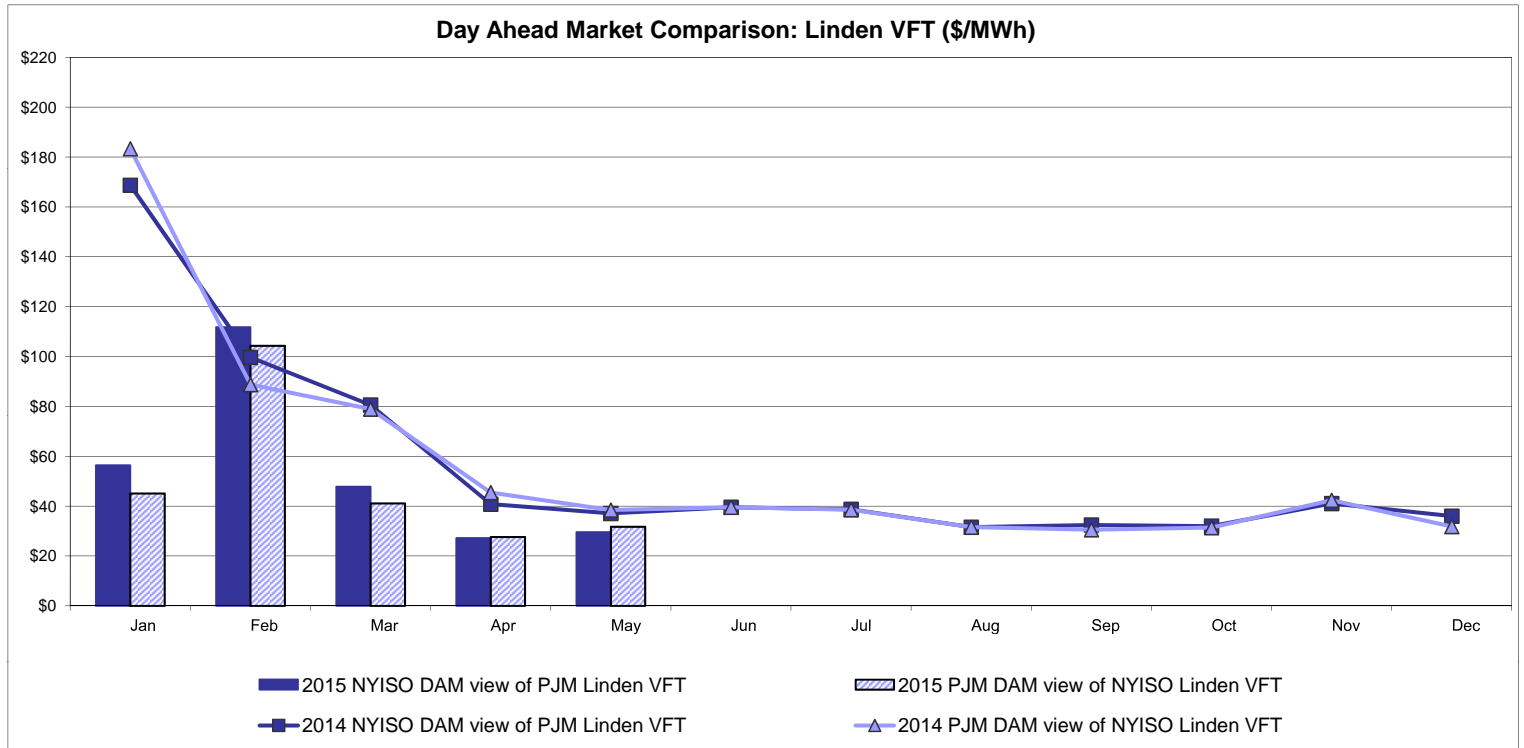


Real Time Market External Zone Comparison - HQ (\$/MWh)

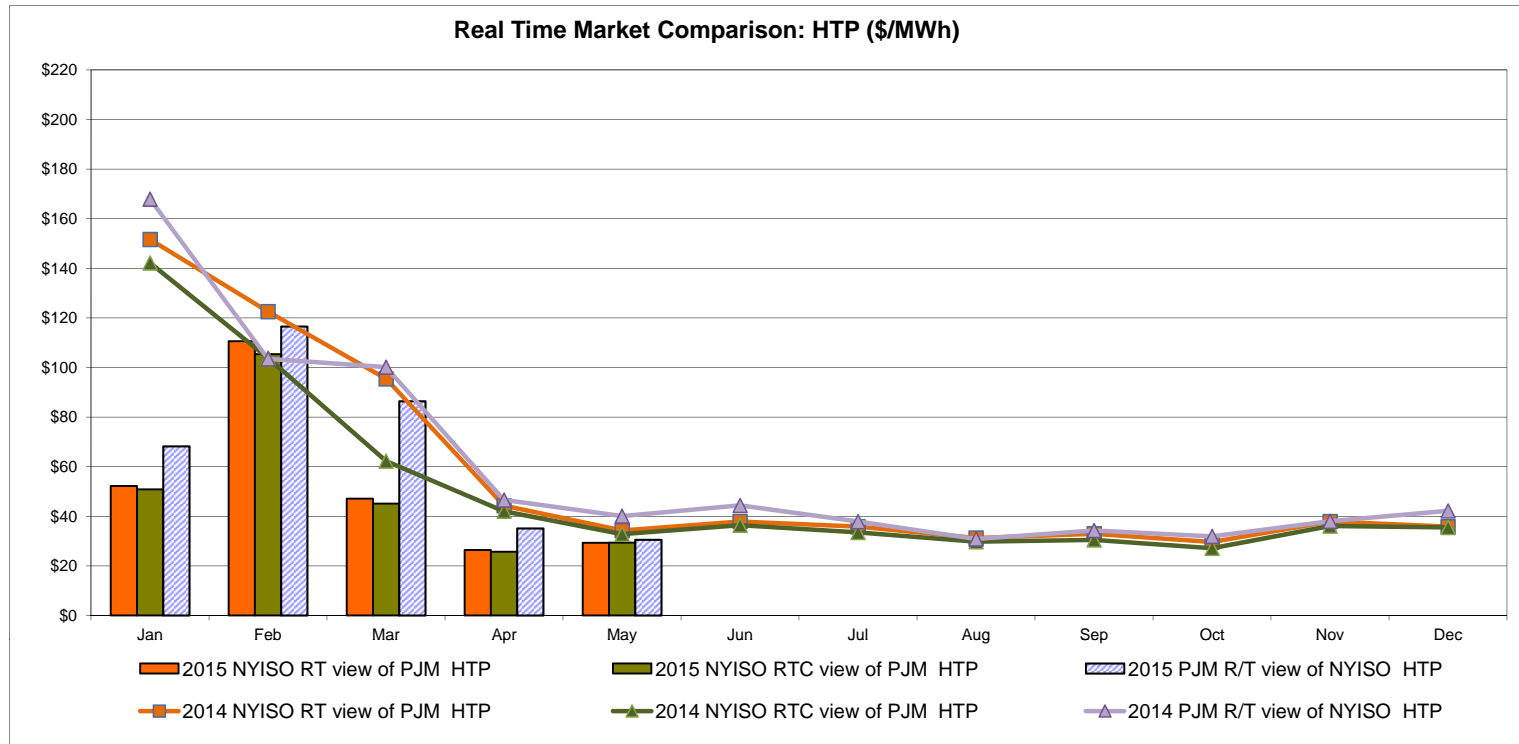
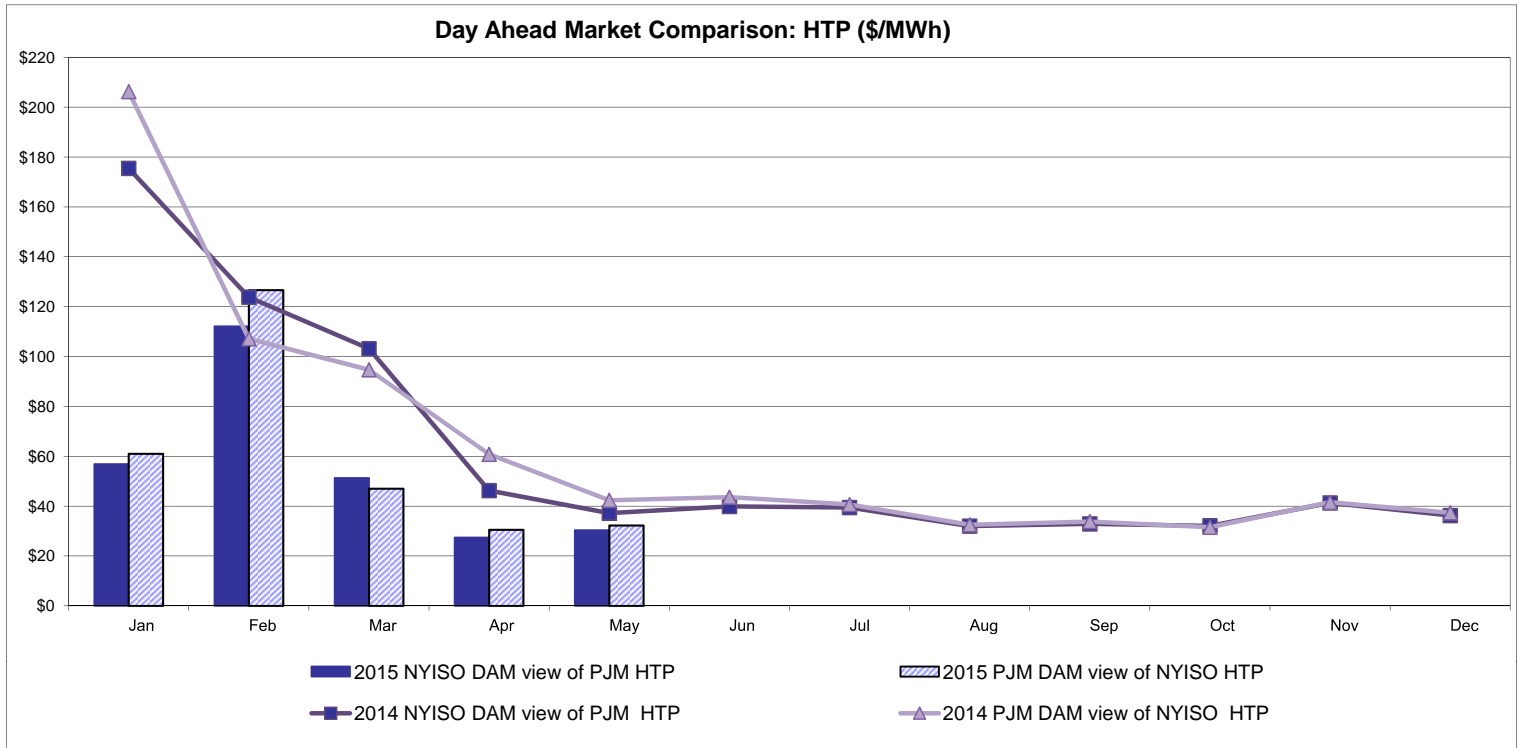


Note:
Hydro-Quebec Prices are unavailable.

External Controllable Line: Linden VFT (PJM)



External Controllable Line: Hudson (PJM)

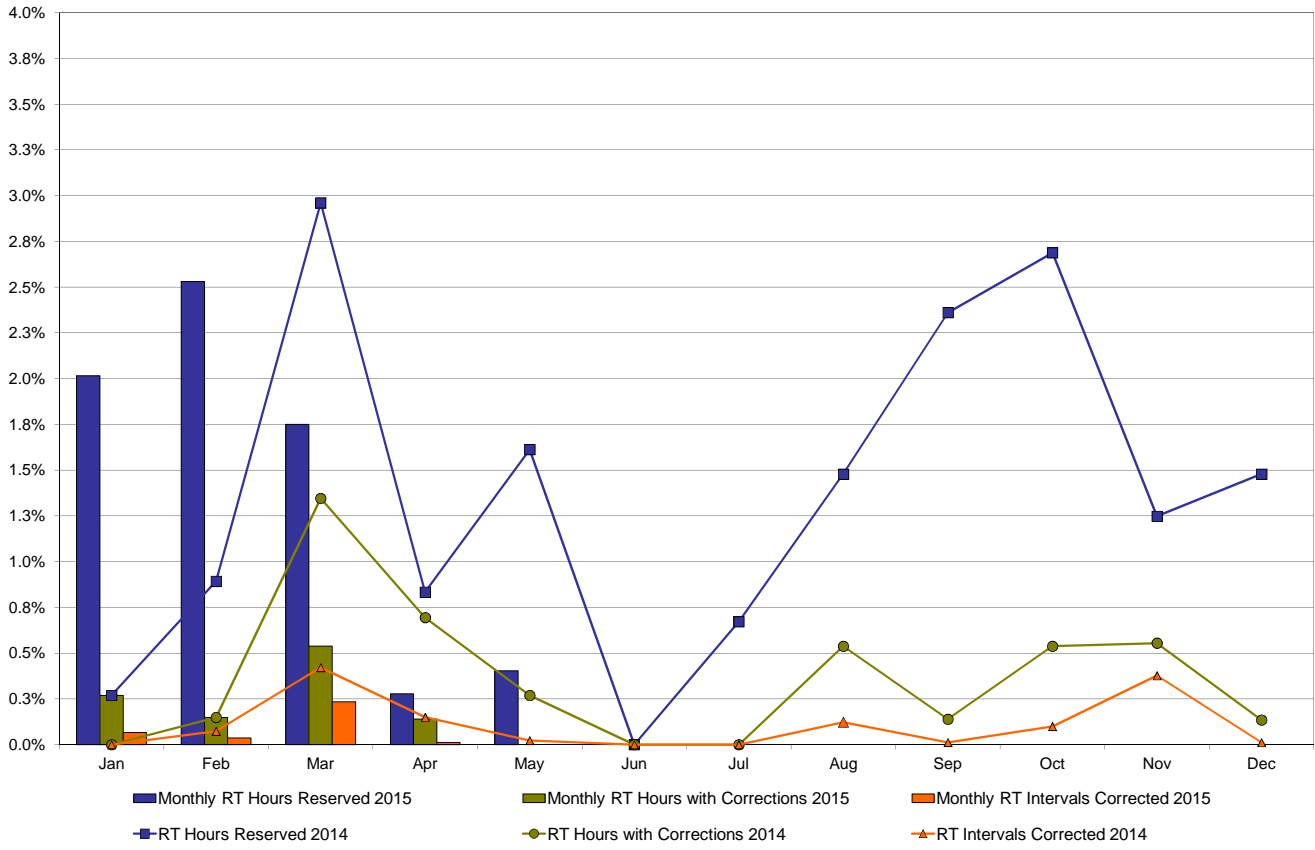


NYISO Real Time Price Correction Statistics

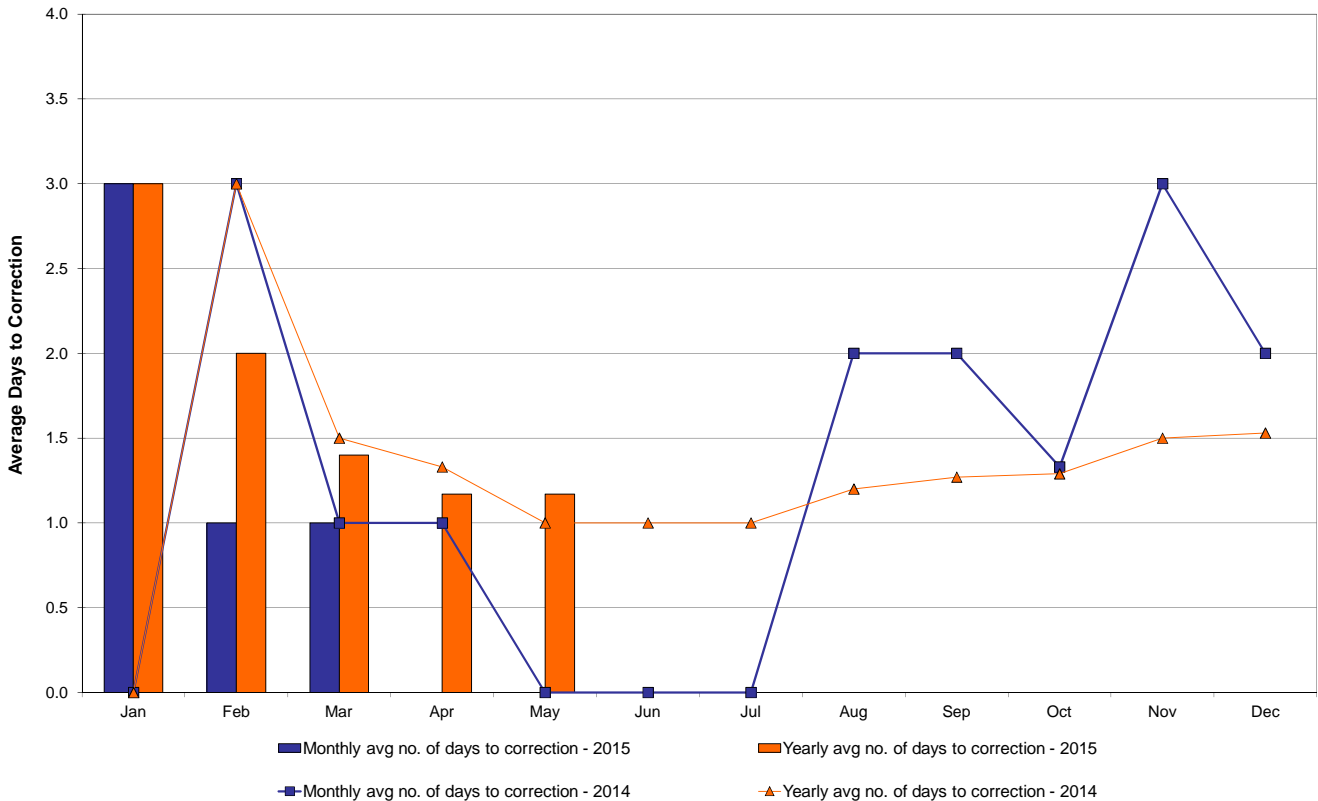
2015		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	2	1	4	1	0							
Number of hours	in the month	744	672	743	720	744							
% of hours with corrections	in the month	0.27%	0.15%	0.54%	0.14%	0.00%							
% of hours with corrections	year-to-date	0.27%	0.21%	0.32%	0.28%	0.22%							
Interval Corrections													
Number of intervals corrected	in the month	6	3	21	1	0							
Number of intervals	in the month	9,066	8,231	9,005	8,696	9,032							
% of intervals corrected	in the month	0.07%	0.04%	0.23%	0.01%	0.00%							
% of intervals corrected	year-to-date	0.07%	0.05%	0.11%	0.09%	0.07%							
Hours Reserved													
Number of hours reserved	in the month	15	17	13	2	3							
Number of hours	in the month	744	672	743	720	744							
% of hours reserved	in the month	2.02%	2.53%	1.75%	0.28%	0.40%							
% of hours reserved	year-to-date	2.02%	2.26%	2.08%	1.63%	1.38%							
Days to Correction *													
Avg. number of days to correction	in the month	3.00	1.00	1.00	0.00	0.00							
Avg. number of days to correction	year-to-date	3.00	2.00	1.40	1.17	1.17							
Days Without Corrections													
Days without corrections	in the month	30	27	28	29	31							
Days without corrections	year-to-date	30	57	85	114	145							
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

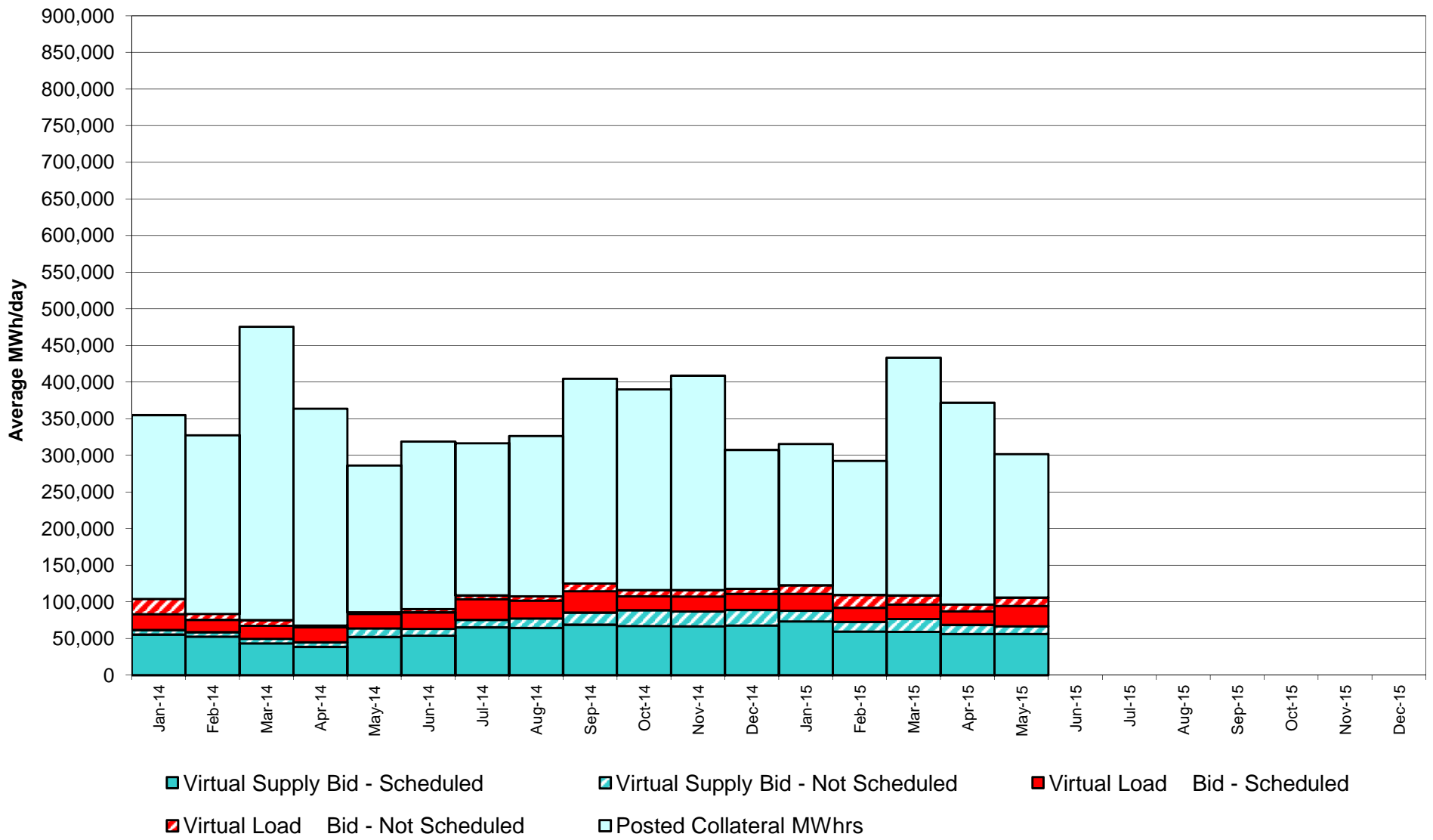


Annual average time period for making Price Corrections (from reservation date) *

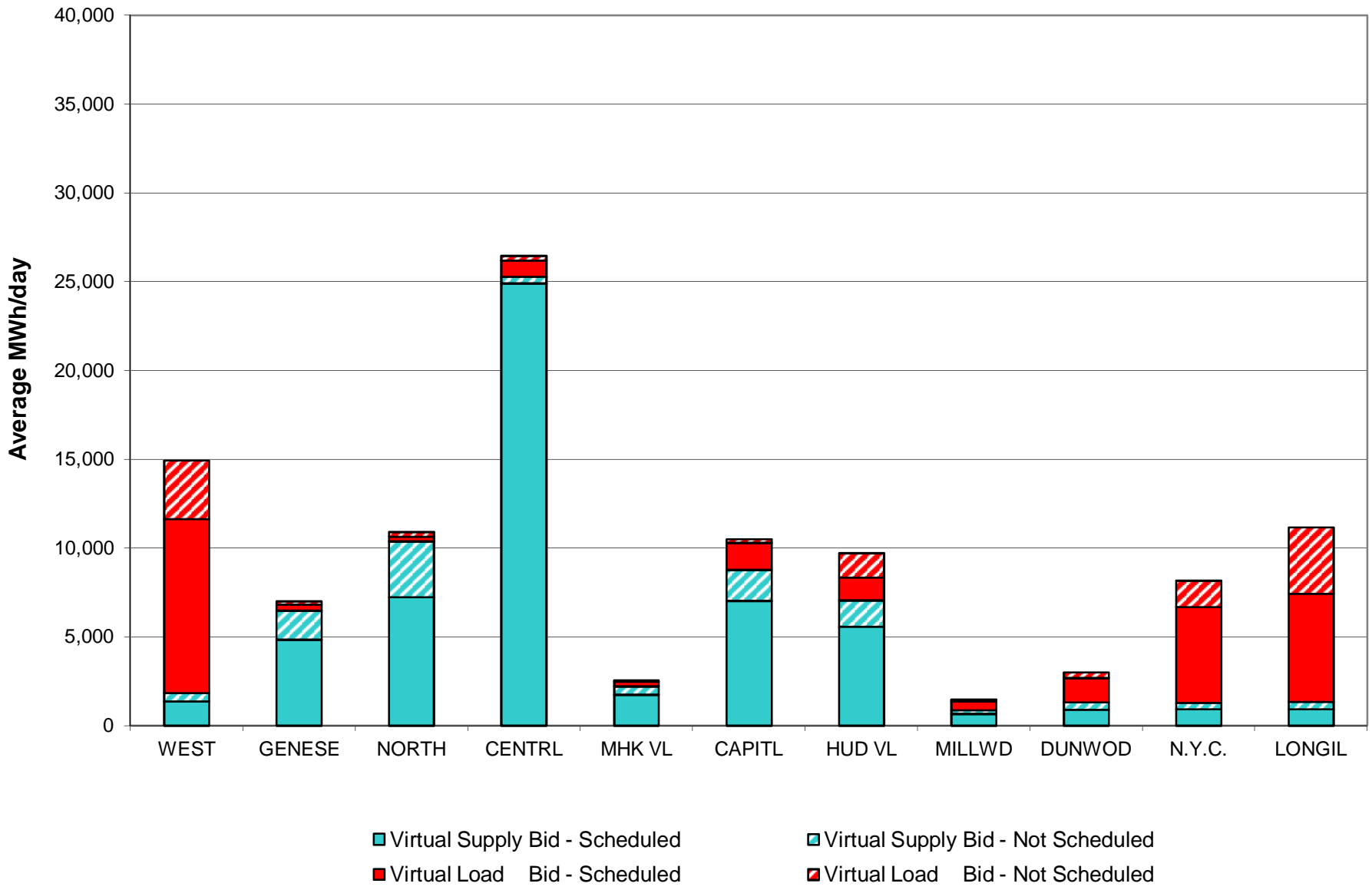


* Calendar days from reservation date.

NYISO Virtual Trading Average MWh per day



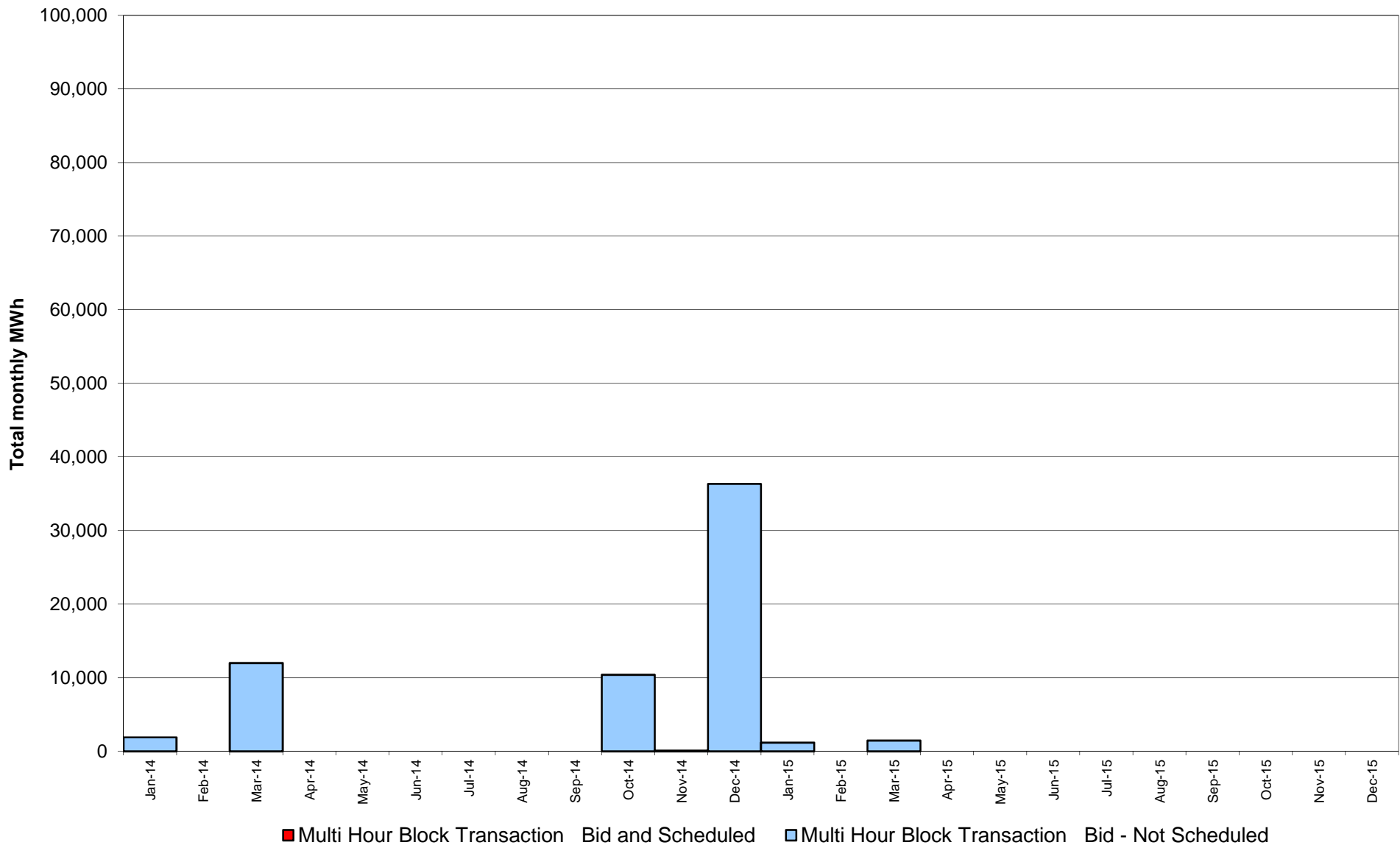
Virtual Load and Supply Zonal Statistics through May 31, 2015



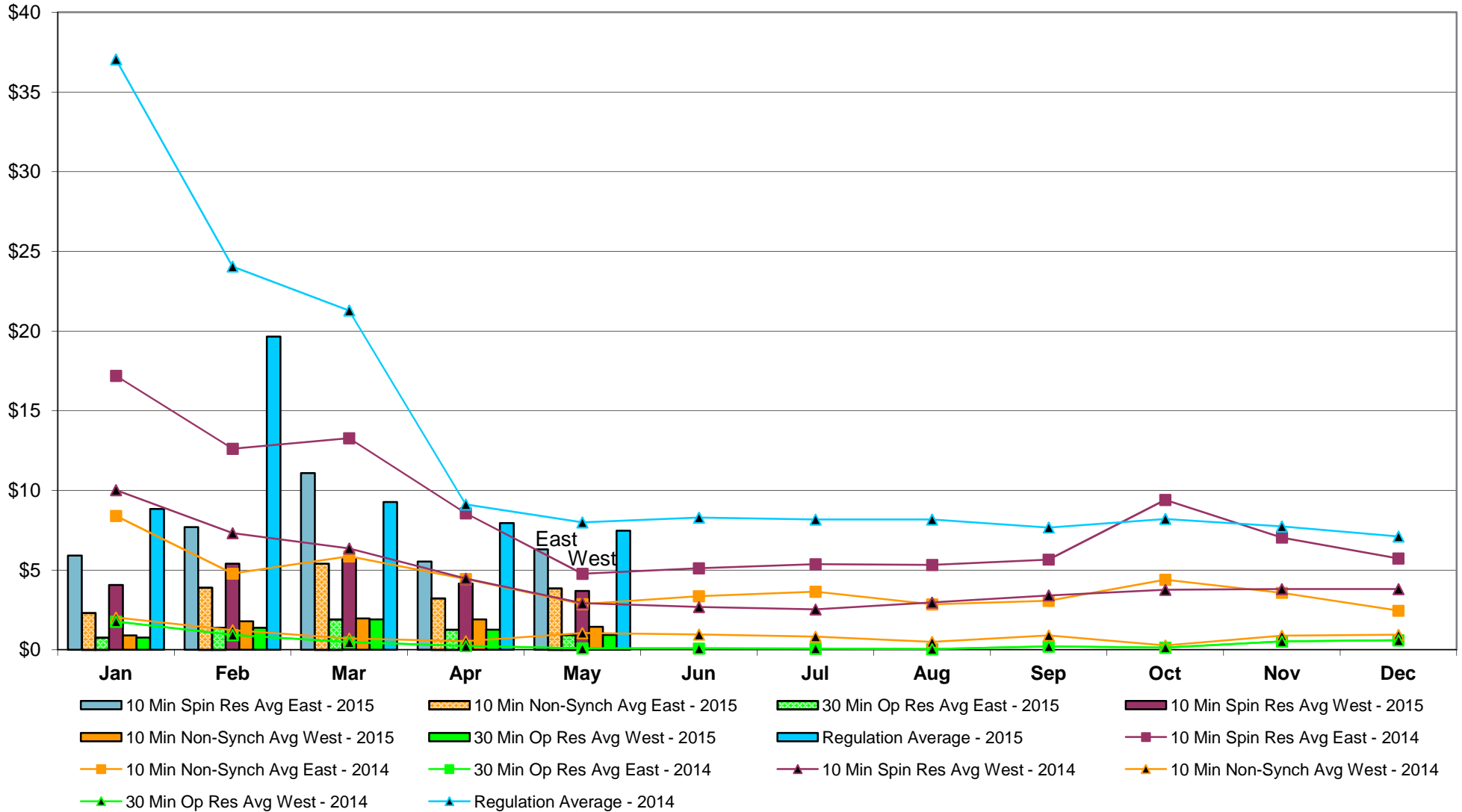
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2015

		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	6,734	1,797	1,790	419		Apr-15	293	226	3,094	867		Apr-15	433	299	1,517	366
	May-15	9,778	3,320	1,381	465		May-15	248	102	1,746	482		May-15	1,385	308	904	400
	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
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		161	254	4,771	1,991	Apr-15	1,558		991	7,368	2,215	Apr-15	2,470	377		808	500
May-15		349	167	4,831	1,643	May-15	1,518		201	7,032	1,751	May-15	5,397	1,487		918	367
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
	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	223	366	8,249	3,243	Apr-15		1,180	1,056	6,875	1,292	Apr-15	4,399		3,064	760	678
	May-15	263	255	7,237	3,146	May-15		1,267	1,372	5,580	1,488	May-15	6,102		3,728	936	394
	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
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		927	311	20,024	588	Apr-15	174		239	979	298	Apr-15	18,550	8,979		56,234	12,458
May-15		908	249	24,901	400	May-15	497		126	668	200	May-15	27,711	11,315		56,132	10,736
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					

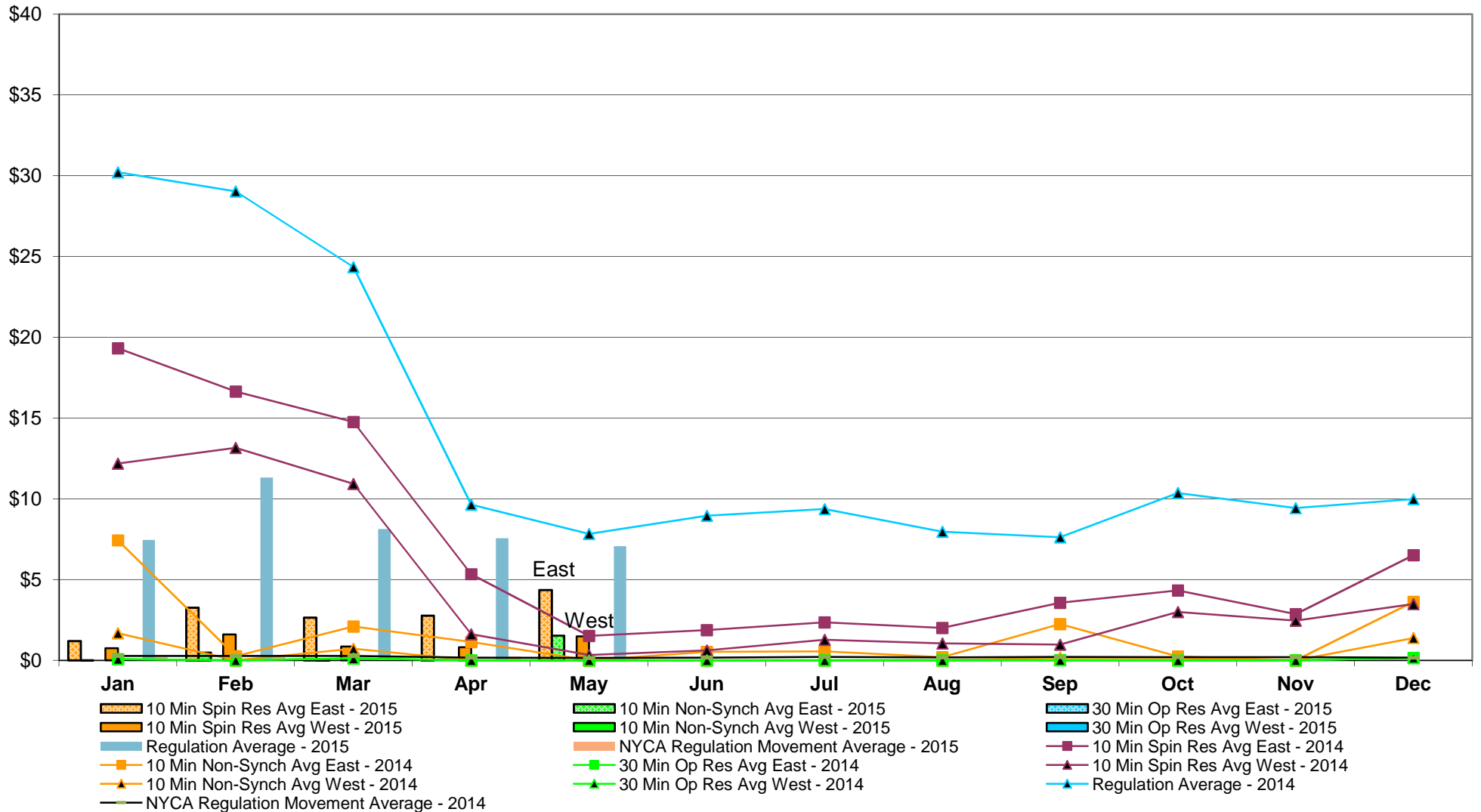
NYISO Multi Hour Block Transactions Monthly Total MWh



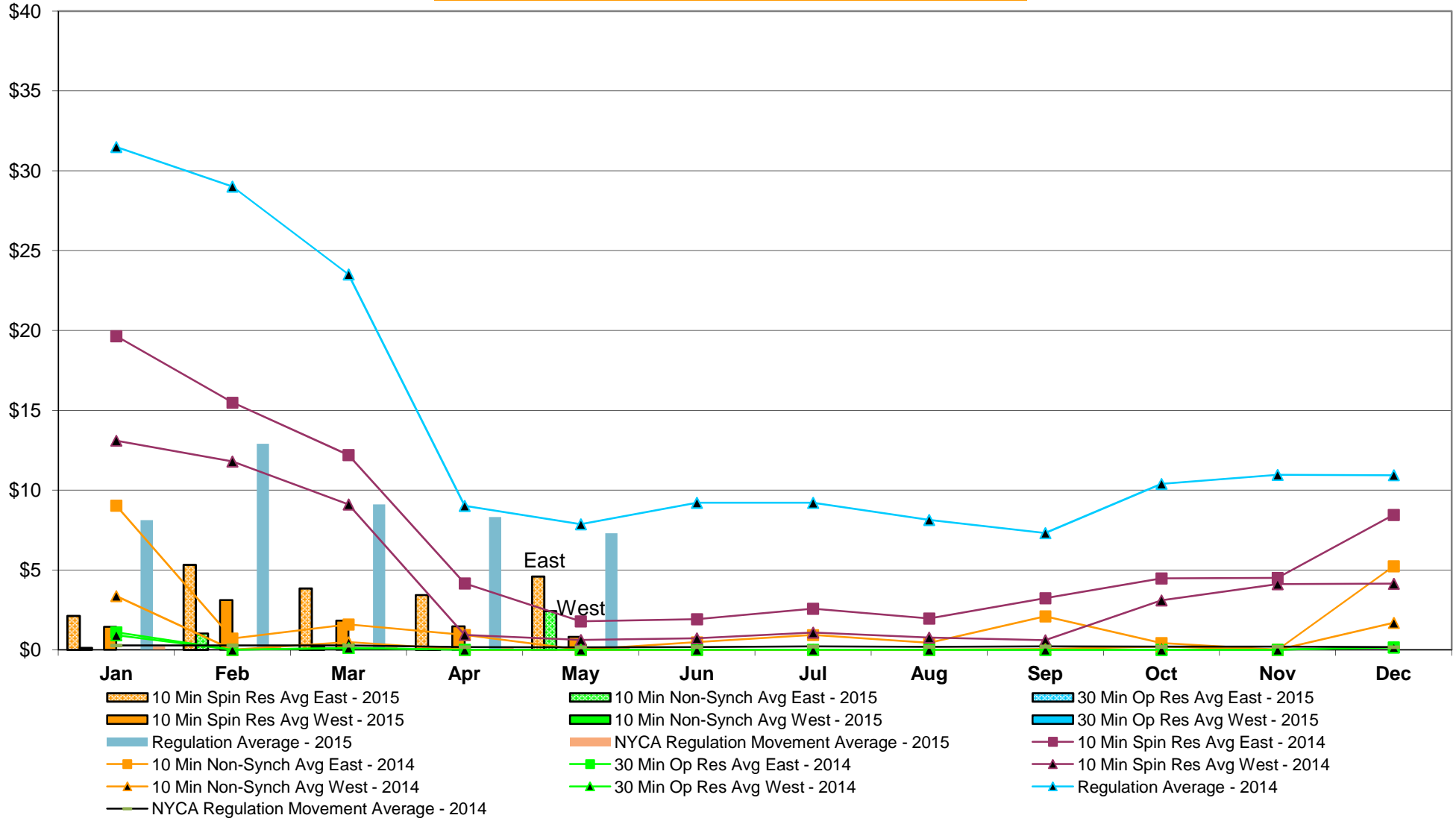
NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2014 - 2015



NYISO Monthly Average Ancillary Service Prices RTC Market 2014 - 2015



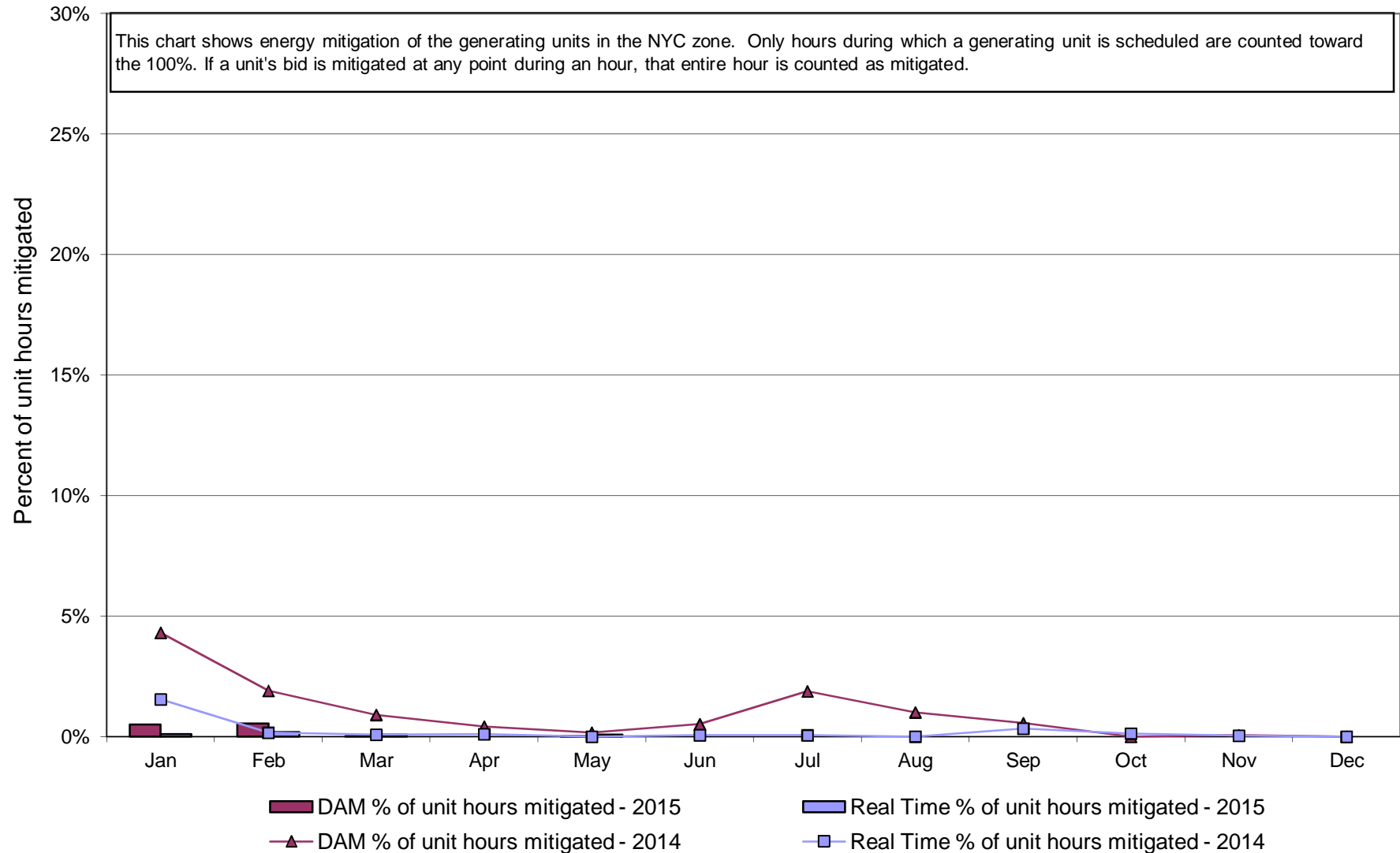
NYISO Monthly Average Ancillary Service Prices Real Time Market 2014 - 2015



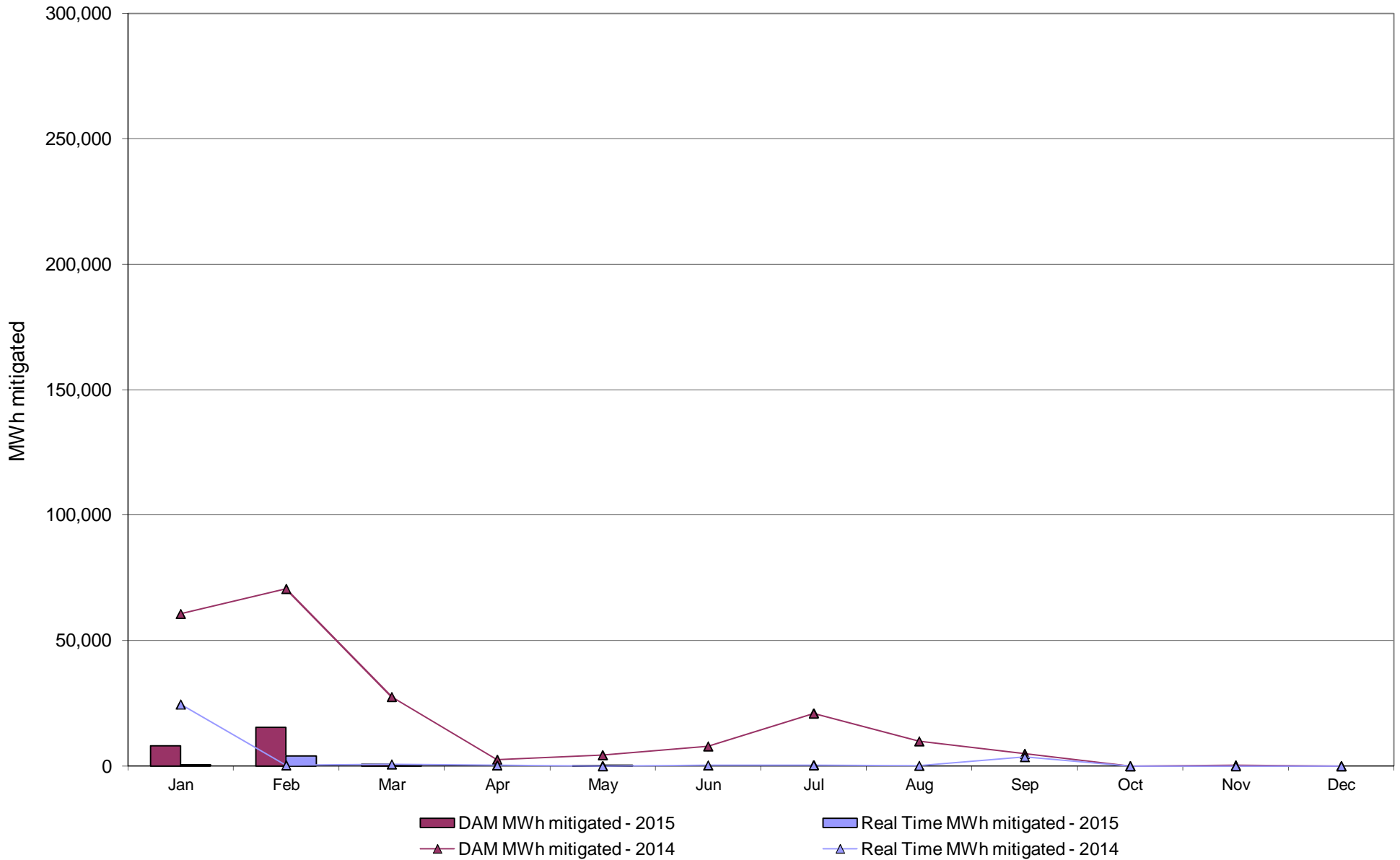
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

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	5.53	6.31							
10 Min Spin West	4.07	5.40	5.68	4.16	3.69							
10 Min Non Synch East	2.30	3.89	5.40	3.22	3.84							
10 Min Non Synch West	0.90	1.79	1.97	1.91	1.45							
30 Min East	0.77	1.38	1.91	1.26	0.93							
30 Min West	0.77	1.38	1.91	1.26	0.93							
Regulation	8.84	19.65	9.27	7.94	7.48							
RTC Market												
10 Min Spin East	1.20	3.27	2.64	2.77	4.36							
10 Min Spin West	0.74	1.61	0.86	0.81	1.48							
10 Min Non Synch East	0.01	0.48	0.01	0.00	1.54							
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00							
30 Min East	0.00	0.00	0.00	0.00	0.00							
30 Min West	0.00	0.00	0.00	0.00	0.00							
Regulation	7.45	11.32	8.13	7.56	7.06							
NYCA Regulation Movement	0.21	0.21	0.16	0.22	0.16							
Real Time Market												
10 Min Spin East	2.12	5.31	3.84	3.44	4.59							
10 Min Spin West	1.44	3.11	1.83	1.46	0.81							
10 Min Non Synch East	0.12	1.03	0.17	0.01	2.41							
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00							
30 Min East	0.00	0.00	0.00	0.00	0.00							
30 Min West	0.00	0.00	0.00	0.00	0.00							
Regulation	8.12	12.91	9.11	8.32	7.30							
NYCA Regulation Movement	0.20	0.21	0.17	0.15	0.16							
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

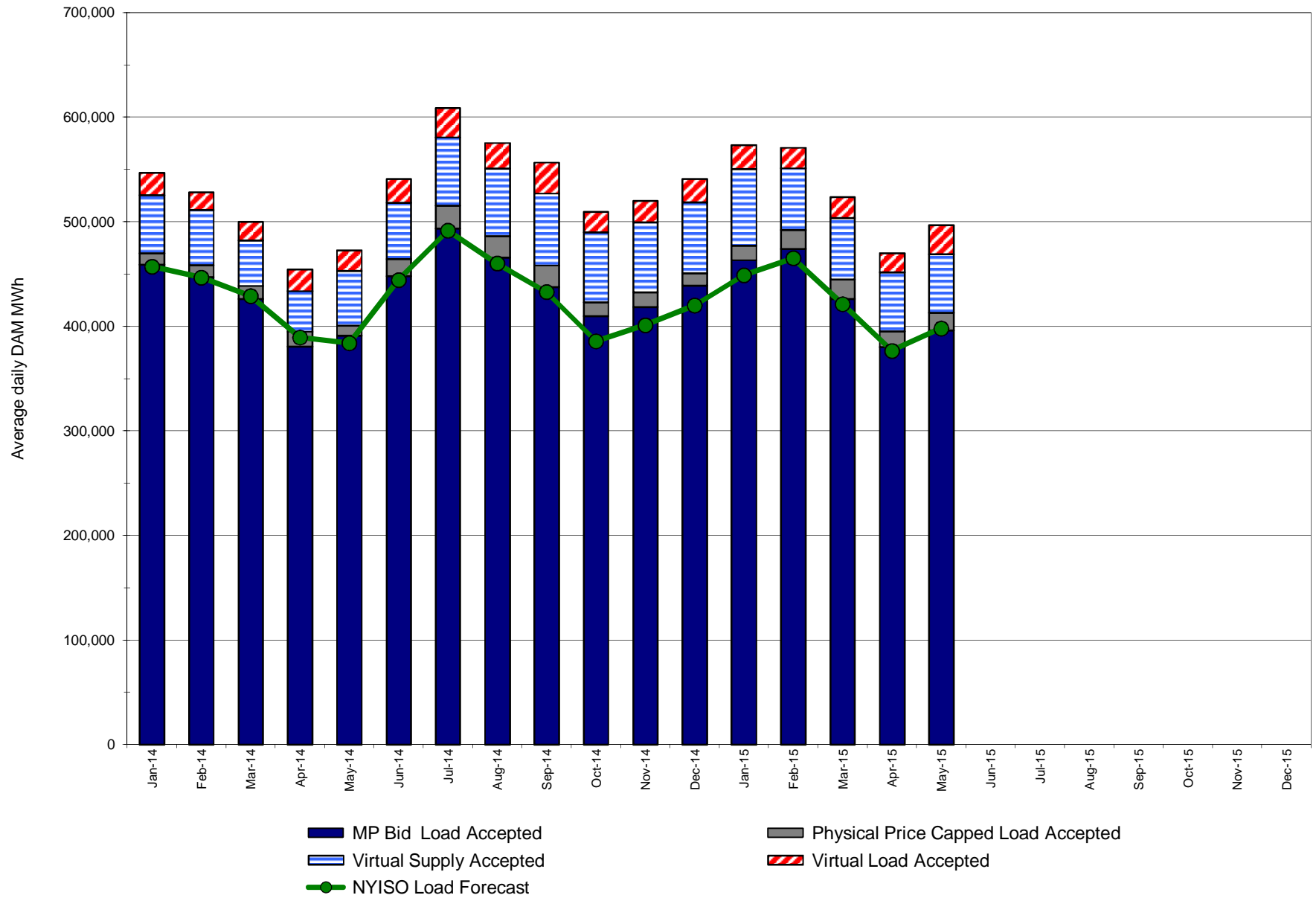
NYISO In City Energy Mitigation - AMP (NYC Zone) 2014 - 2015 Percentage of committed unit-hours mitigated



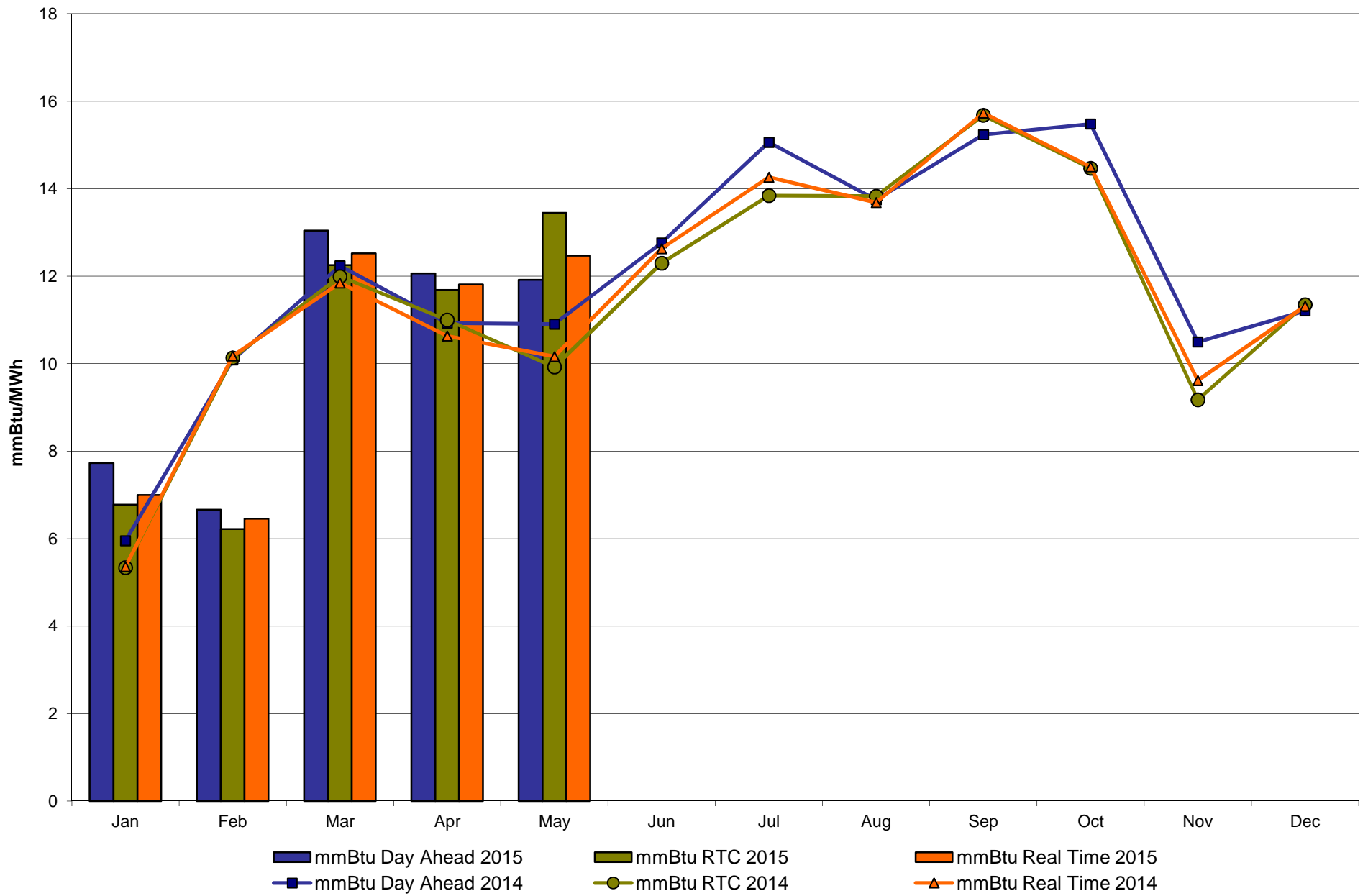
NYISO In City Energy Mitigation (NYC Zone) 2014 - 2015
Monthly megawatt hours mitigated



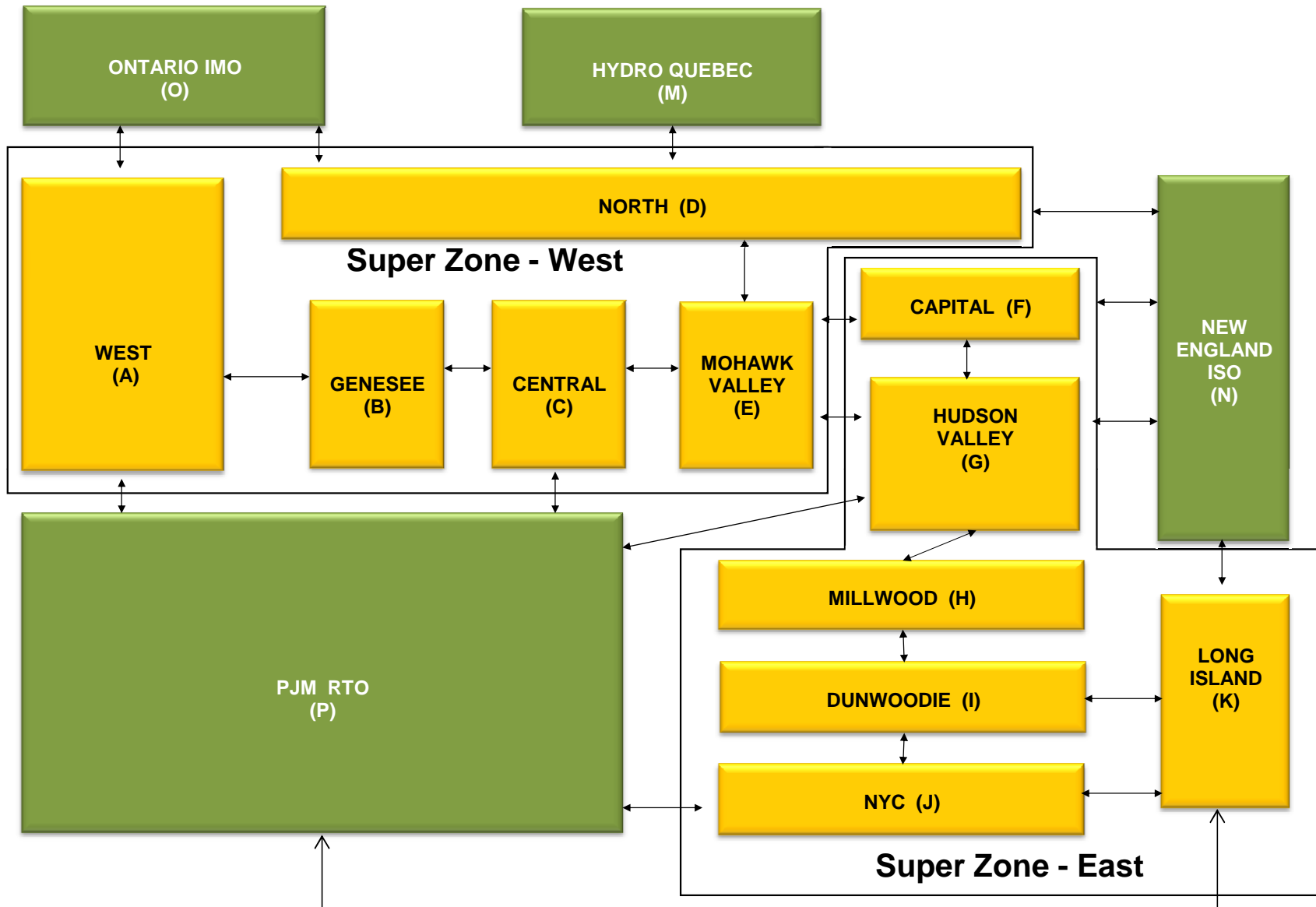
NYISO Average Daily DAM Load Bid Summary



Monthly Implied Heat Rate 2014-2015



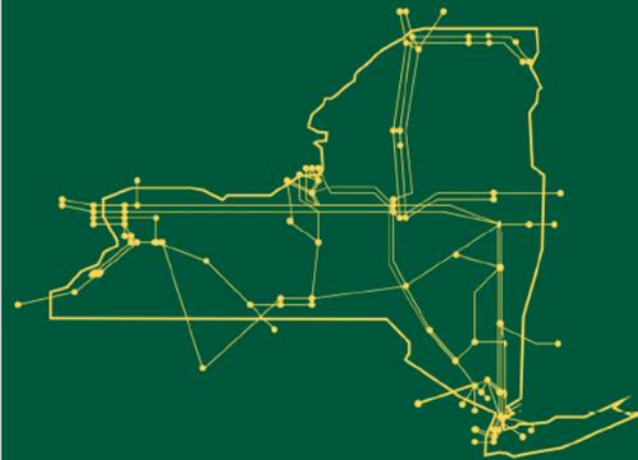
NYISO LBMP ZONES



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
07/10/2013	NYISO/NYTOs joint interregional (i.e., PJM, ISO-NE and NYISO) compliance filing re: Order No. 1000 directives	ER13-1942-000	05/14/2015	FERC Order partially accepted the compliance filing and directed, a further compliance filing within 60 days (i.e., 07/13/2015)
12/01/2014	NYISO compliance filing re: OATT revisions to permit information sharing with interstate natural gas pipelines, intrastate natural gas pipelines and natural gas local distribution companies	ER14-2895-001	05/19/2015	FERC order accepted the compliance filing effective 11/17/2014, as requested
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	05/19/2015	FERC order granted the requested waiver and directed a compliance filing to list all waivers and applicable orders in the tariff
07/28/2014 09/16/2014 02/12/2015	NYISO filing of tariff amendments, response to deficiency letter and request to change the effective date of tariff revisions to define certain outage states	ER14-2518-002	04/30/2015	FERC order conditionally accepted in part and rejected in part the proposed tariff changes and directed a compliance filing within 30 days (i.e., 06/01/2015)
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

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03/06/2015	NYISO filing re: amended and restated Small Generator Interconnection Agreement (SA 1829) among NYISO, and RG&E Browns Race Facility	ER15-1180-000	04/24/2015	FERC letter order accepted SA 1829 effective 02/19/2015, as requested
03/06/2015	NYISO filing re: notice of cancellation of a Large Generator Interconnection Agreement (SA 1916) among NYISO, National Grid and Allegany Wind	ER15-1186-000	04/24/2015	FERC letter order accepted the cancelled SA 1916 effective 05/28/2015, as requested
03/13/2015	NYISO 205 filing re: additional capacity resource interconnection service	ER15-1281-000	05/06/2015	FERC order accepted revisions effective 05/02/2015, as requested, subject to pending tariff revisions in 3 other proceedings ultimately being accepted
05/15/2015	NYISO filing re: request for an extension of time until 10/19/15 to make the reliability must run compliance filing	EL15-37-000	06/04/2015	FERC Notice granted the extension request

Recently Submitted Filings

04/27/2015	NYISO filing re: comments on the joint utility petition requesting approval of contingency tariffs regarding demand response issues		PSC Case No. 15-E-0100
04/29/2015	NYISO filing re: proposed credit policy revisions to require market participants to annually file updated financial information		ER15-1590-000
04/30/2015	NYISO filing re: response to deficiency letter concerning the Voltage Support Service filing		ER15-1042-001
05/13/2015	NYISO filing re: answer to comments and protests of the 04/13/15 compliance filing concerning a competitive entry exemption under the buyer-side capacity market power mitigation measures		ER15-1498-000
05/13/2015	NYISO filing to the NYS Department of Environmental Conservation re: comments on the DEC options for allocating allowances under the Cross-State Air Pollution Rule		
05/15/2015	NYISO filing re: request for an extension of time until 10/19/15 to make the reliability must run compliance filing		EL15-37-000
05/18/2015	NYISO filing of comments re: NYPSC <i>Notice Seeking Supplemental Comments</i> regarding transmission capability in Western New York		PSC Case No. 14-E-0454
05/18/2015	NYISO/NYTO joint compliance filing re: Order 1000 regional transmission planning requirements and the 04/16/2015 Order on Rehearing and Compliance		ER13-102-007
05/20/2015	NYISO filing re: eight executed non-conforming Interconnection Facilities Study Agreements for certain projects entering the NYISO's Class Year 2015 Interconnection Facilities Study		ER15-1757-000
05/20/2015	NYISO filing re: post-workshop comments concerning the calculation of available transfer capability ("ATC") and development of ATC standards for wholesale electric transmission services		AD15-5-000

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05/21/2015	NYISO filing of corrected comments re: NYPSC <i>Notice Seeking Supplemental Comments</i> regarding transmission capability in Western New York	PSC Case No. 14-E-0454
05/29/2015	NYISO filing re: FERC Form 714 – Annual (i.e., 2014) Electric Balancing Authority Area and Planning Area Report	No Docket No.
06/01/2015	NYISO filing re: semi-annual compliance report on new generation projects and demand response programs in the NYCA	ER03-647-000 ER01-3001-000
06/01/2015	NYISO compliance filing re: buyer-side mitigation rules	EL11-42-001 ER14-2414-000, -001 and -002
06/01/2015	NYISO compliance filing re: market rules concerning outage states	ER14-2518-003
06/01/2015	NYISO informational report re: whether or not to model Load Zone K as an export-constrained zone for a future ICAP Demand Curve reset proceeding	AD14-16-000
06/03/2015	NYISO refiling re: compliance filing concerning buyer-side market mitigation rules	ER14-2414-004
06/04/2015	NYISO filing to the NYPSC of a letter from S. Whitley to Chair A. Zibelman re: transmission upgrades in New York	PSC Case No. 14-E-0454

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