

# 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**

*July 31, 2013*

*Rensselaer, NY*

# **NYISO CEO/COO Report**

## **CEO Report**

- ♦ **Infrastructure Master Plan**

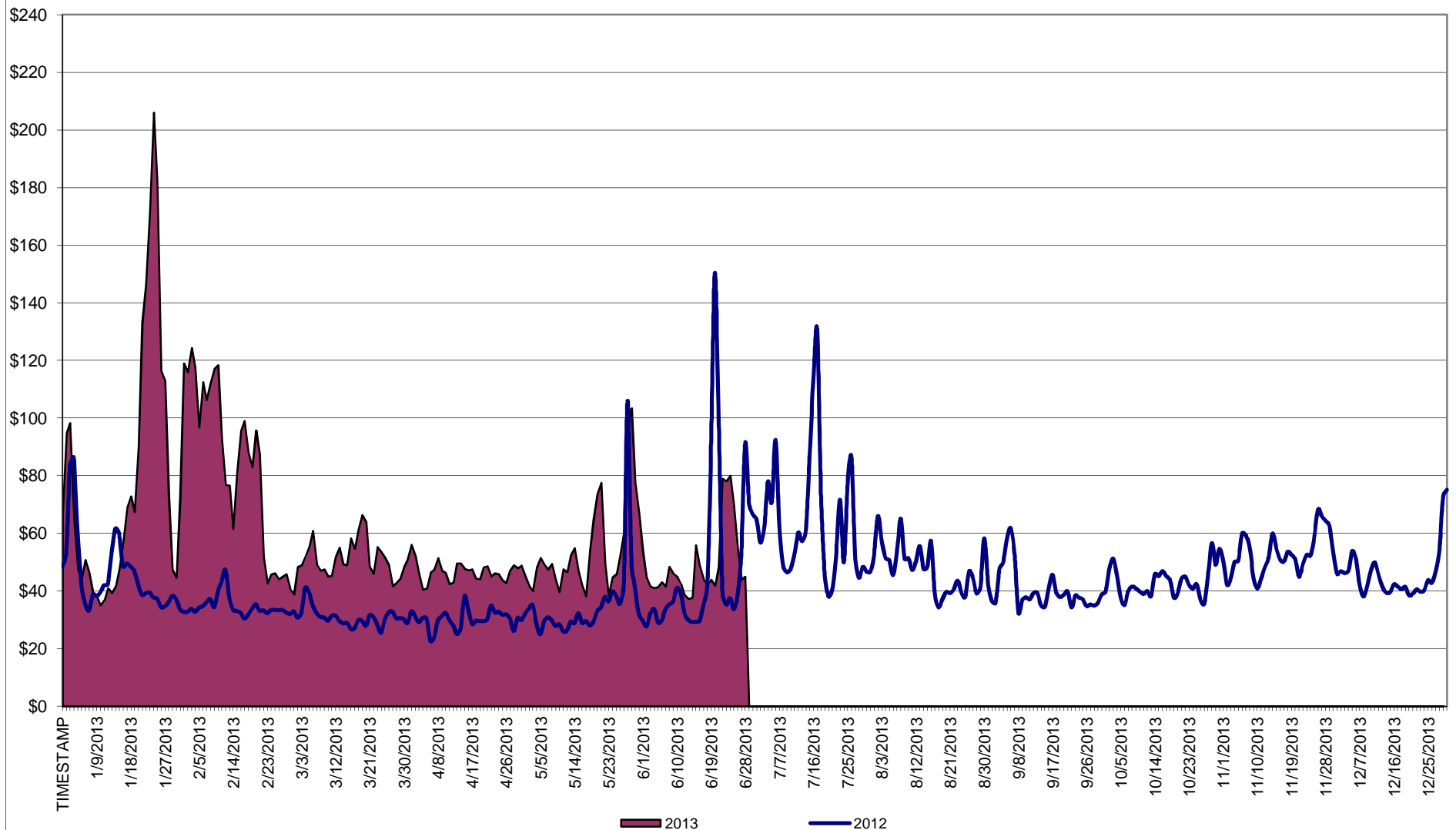
## **COO Report**

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

# Market Performance Highlights for June 2013

- **LBMP for June is \$50.16/MWh, lower than \$52.27/MWh in May, and higher than \$47.37/MWh in June 2012.**
  - Day Ahead Load Weighted LBMPs are lower compared to May.
  - Real Time Load Weighted LBMPs are higher compared to May.
- **June 2013 average year-to-date monthly cost of \$63.39/MWh is an increase from \$38.89/MWh in June 2012.**
- **Average daily sendout is 469 GWh/day in June; higher than 407 in May 2013, and slightly lower than 471 GWh/day in June 2012.**
- **Natural gas prices were lower, and distillate prices were mixed compared to the previous month.**
  - Natural Gas (Transco Z6 NY) was \$3.91/MMBtu, down from \$4.17/MMBtu in May.
  - Jet Kerosene Gulf Coast was \$20.47/MMBtu, up from \$20.21/MMBtu in May.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$20.61/MMBtu, down from \$20.64/MMBtu in May.
- **Uplift per MWh is lower compared to the previous month.**
  - Uplift (not including NYISO cost of operations) is \$0.37/MWh, lower than \$0.67/MWh in May.
    - The Local Reliability Share is \$0.69/MWh, up from \$0.56 in May.
    - The Statewide Share is (\$0.32)/MWh, lower than \$0.12/MWh in May.
  - TSA \$ per NYC MWh is \$0.61/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are lower than May.

**Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\***  
 2012 Annual Average \$45.28/MWh  
 June 2012 YTD Average \$38.89/MWh  
 June 2013 YTD Average \$63.39/MWh



\* Excludes ICAP payments.

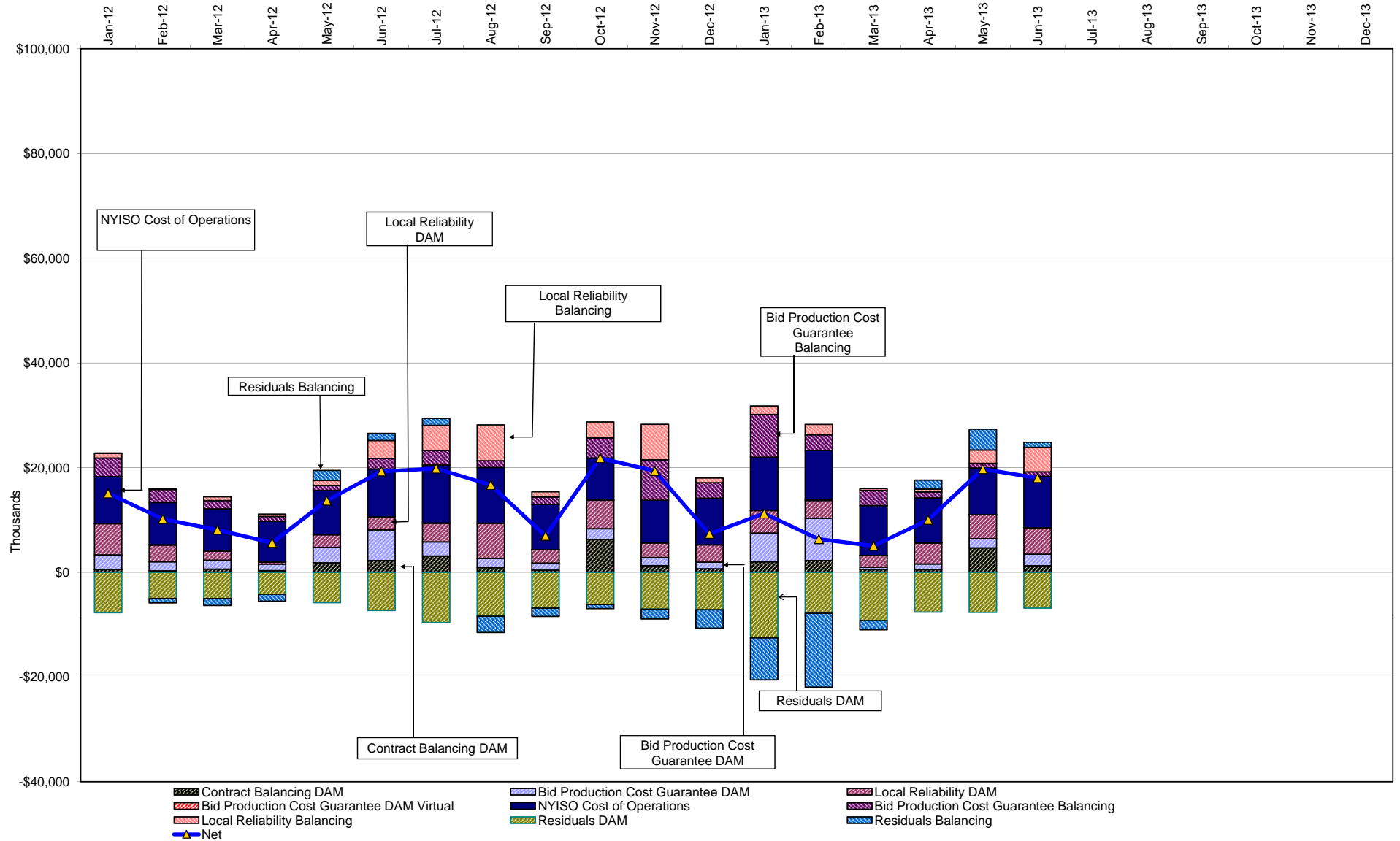
**NYISO Average Cost/MWh (Energy and Ancillary Services) \***  
**from the LBMP Customer point of view**

<b>2013</b>	<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	79.73	85.69	48.91	44.46	52.27	50.16						
NTAC	0.79	0.83	0.77	0.94	0.89	0.90						
Reserve	0.38	0.44	0.43	0.36	0.49	0.34						
Regulation	0.13	0.13	0.10	0.11	0.09	0.13						
NYISO Cost of Operations	0.69	0.69	0.69	0.69	0.69	0.69						
Uplift	0.08	(0.24)	(0.33)	0.10	0.67	0.37						
Uplift: Local Reliability Share	0.41	0.40	0.19	0.37	0.56	0.69						
Uplift: Statewide Share	(0.33)	(0.64)	(0.52)	(0.26)	0.12	(0.32)						
Voltage Support and Black Start	0.36	0.36	0.36	0.36	0.36	0.36						
<b>Avg Monthly Cost</b>	<b>82.18</b>	<b>87.91</b>	<b>50.94</b>	<b>47.03</b>	<b>55.47</b>	<b>52.97</b>						
 Avg YTD Cost	 82.18	 84.93	 73.90	 67.76	 65.52	 63.39						
 TSA \$ per NYC MWh	 0.00	 0.00	 0.00	 0.04	 0.59	 0.61						
 <b>2012</b>	 <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	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
<b>Avg Monthly Cost</b>	<b>46.75</b>	<b>34.75</b>	<b>31.19</b>	<b>30.29</b>	<b>36.52</b>	<b>50.27</b>	<b>66.14</b>	<b>48.46</b>	<b>41.17</b>	<b>42.44</b>	<b>53.26</b>	<b>46.74</b>
 Avg YTD Cost	 46.75	 41.12	 37.96	 36.09	 36.18	 38.89	 44.26	 44.91	 44.51	 44.33	 45.14	 45.28
 TSA \$ per NYC MWh	 0.00	 0.00	 0.00	 0.00	 1.52	 0.45	 0.85	 0.46	 0.59	 0.00	 0.00	 0.00
 <b>2011</b>	 <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	74.91	55.60	46.98	46.44	48.49	60.33	75.76	56.04	46.86	42.49	38.97	39.73
NTAC	0.62	0.75	0.86	0.81	1.13	1.22	0.66	0.60	0.43	0.56	0.62	0.69
Reserve	0.44	0.50	0.41	0.43	0.48	0.28	0.28	0.13	0.25	0.41	0.26	0.28
Regulation	0.20	0.18	0.15	0.12	0.10	0.15	0.12	0.09	0.08	0.09	0.08	0.09
NYISO Cost of Operations	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Uplift	1.26	0.58	0.45	0.21	(0.02)	0.61	1.42	0.65	0.15	(0.21)	0.11	0.15
Uplift: Local Reliability Share	0.95	0.71	0.33	0.38	0.36	0.82	1.19	0.87	0.45	0.23	0.19	0.19
Uplift: Statewide Share	0.31	(0.12)	0.12	(0.18)	(0.38)	(0.21)	0.24	(0.21)	(0.30)	(0.44)	(0.08)	(0.05)
Voltage Support and Black Start	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
<b>Avg Monthly Cost</b>	<b>78.50</b>	<b>58.69</b>	<b>49.92</b>	<b>49.07</b>	<b>51.24</b>	<b>63.67</b>	<b>79.30</b>	<b>58.58</b>	<b>48.83</b>	<b>44.40</b>	<b>41.11</b>	<b>42.00</b>
 Avg YTD Cost	 78.50	 68.82	 62.36	 59.14	 57.52	 58.70	 62.77	 62.13	 60.66	 59.18	 57.76	 56.47
 TSA \$ per NYC MWh	 0.00	 0.00	 0.00	 0.13	 0.00	 1.45	 0.38	 1.59	 0.15	 0.00	 0.00	 0.00

\* Excludes ICAP payments.  
Market Mitigation and Analysis  
Prepared: 7/5/2013 10:22 AM

Data reflects true-ups thru March 2013.

## NYISO Dollar Flows - Uplift- OATT Schedule 1 components - Data through June 30, 2013



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

<b>2013</b>	<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>
<b><u>Day Ahead Market MWh</u></b>	15,140,096	14,116,189	14,250,091	12,963,905	13,451,310	14,872,971						
DAM LSE Internal LBMP Energy Sales	56%	55%	56%	57%	56%	57%						
DAM External TC LBMP Energy Sales	4%	6%	3%	3%	1%	1%						
DAM Bilateral - Internal Bilaterals	38%	37%	38%	37%	37%	36%						
DAM Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	3%	4%						
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	1%	1%	1%	1%						
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	1%	1%	1%						
<b><u>Balancing Energy Market MWh</u></b>	-462,089	-641,428	-488,071	-548,650	-582,242	-667,588						
Balancing Energy LSE Internal LBMP Energy Sales	-131%	-117%	-128%	-122%	-128%	-115%						
Balancing Energy External TC LBMP Energy Sales	33%	21%	24%	20%	30%	16%						
Balancing Energy Bilateral - Internal Bilaterals	4%	10%	11%	3%	4%	4%						
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	1%						
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	5%	3%	4%	5%	4%	2%						
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-16%	-11%	-6%	-10%	-9%						
<b><u>Transactions Summary</u></b>												
LBMP	59%	59%	58%	58%	55%	56%						
Internal Bilaterals	39%	39%	40%	39%	39%	38%						
Import Bilaterals	0%	0%	0%	0%	4%	4%						
Export Bilaterals	1%	1%	2%	2%	2%	1%						
Wheels Through	1%	0%	1%	1%	0%	1%						
<b><u>Market Share of Total Load</u></b>												
Day Ahead Market	103.1%	104.8%	103.5%	104.4%	104.5%	104.7%						
Balancing Energy +	-3.1%	-4.8%	-3.5%	-4.4%	-4.5%	-4.7%						
Total MWh	14,678,007	13,474,761	13,762,020	12,415,255	12,869,068	14,205,383						
Average Daily Energy Sendout/Month GWh	453	453	429	398	407	469						

<b>2012</b>	<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>
<b><u>Day Ahead Market MWh</u></b>	14,877,279	13,473,786	13,590,456	12,482,692	13,324,441	14,898,725	17,946,019	17,185,445	14,262,425	13,354,729	12,839,137	14,719,983
DAM LSE Internal LBMP Energy Sales	58%	57%	58%	59%	61%	63%	65%	63%	61%	60%	62%	57%
DAM External TC LBMP Energy Sales	1%	1%	0%	1%	1%	1%	1%	1%	0%	1%	3%	3%
DAM Bilateral - Internal Bilaterals	38%	40%	40%	38%	36%	35%	32%	34%	37%	38%	33%	37%
DAM Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
DAM Bilateral - Wheel Through Bilaterals	1%	0%	1%	1%	1%	1%	1%	1%	0%	0%	1%	1%
<b><u>Balancing Energy Market MWh</u></b>	-878,126	-816,828	-896,684	-371,022	-31,455	-528,764	-579,200	-528,885	-695,280	-752,624	13,283	-737,059
Balancing Energy LSE Internal LBMP Energy Sales	-110%	-111%	-110%	-126%	-561%	-129%	-126%	-138%	-121%	-126%	-1421%	-108%
Balancing Energy External TC LBMP Energy Sales	9%	7%	7%	20%	347%	23%	19%	30%	13%	20%	1411%	7%
Balancing Energy Bilateral - Internal Bilaterals	1%	1%	1%	4%	107%	8%	6%	4%	4%	3%	7%	0%
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	4%	3%	3%	7%	54%	3%	2%	2%	3%	3%	135%	3%
Balancing Energy Bilateral - Wheel Through Bilaterals	-3%	0%	-1%	-4%	-46%	-5%	0%	2%	1%	1%	-32%	-2%
<b><u>Transactions Summary</u></b>												
LBMP	57%	56%	55%	59%	61%	62%	65%	63%	59%	58%	65%	58%
Internal Bilaterals	41%	42%	43%	39%	36%	36%	33%	35%	39%	40%	33%	39%
Import Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	2%	2%
Wheels Through	1%	0%	1%	1%	1%	1%	1%	1%	1%	0%	1%	1%
<b><u>Market Share of Total Load</u></b>												
Day Ahead Market	106.3%	106.5%	107.1%	103.1%	100.2%	103.7%	103.3%	103.2%	105.1%	106.0%	99.9%	105.3%
Balancing Energy +	-6.3%	-6.5%	-7.1%	-3.1%	-0.2%	-3.7%	-3.3%	-3.2%	-5.1%	-6.0%	0.1%	-5.3%
Total MWh	13,999,153	12,656,958	12,693,772	12,111,670	13,292,986	14,369,961	17,366,819	16,656,560	13,567,145	12,602,105	12,852,420	13,982,924
Average Daily Energy Sendout/Month GWh	443	431	407	396	420	471	551	529	447	398	410	434

+ 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 2013 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>
<b><u>DAY AHEAD LBMP</u></b>												
Price *	\$69.17	\$75.82	\$45.97	\$42.21	\$45.87	\$42.66						
Standard Deviation	\$47.21	\$29.98	\$9.40	\$7.84	\$18.77	\$17.98						
Load Weighted Price **	\$72.17	\$77.95	\$46.85	\$43.13	\$48.52	\$45.32						
<b><u>RTC LBMP</u></b>												
Price *	\$73.69	\$64.15	\$45.75	\$40.50	\$39.51	\$42.00						
Standard Deviation	\$88.27	\$36.96	\$22.62	\$14.79	\$24.44	\$30.96						
Load Weighted Price **	\$77.52	\$66.07	\$46.79	\$41.52	\$42.14	\$44.70						
<b><u>REAL TIME LBMP</u></b>												
Price *	\$76.47	\$64.87	\$45.01	\$42.74	\$42.32	\$43.93						
Standard Deviation	\$83.80	\$38.96	\$16.27	\$15.96	\$26.99	\$34.72						
Load Weighted Price **	\$81.71	\$66.83	\$45.94	\$43.73	\$45.50	\$47.00						
Average Daily Energy Sendout/Month GWh	453	453	429	398	407	469						

### **NYISO Markets 2012 Energy Statistics**

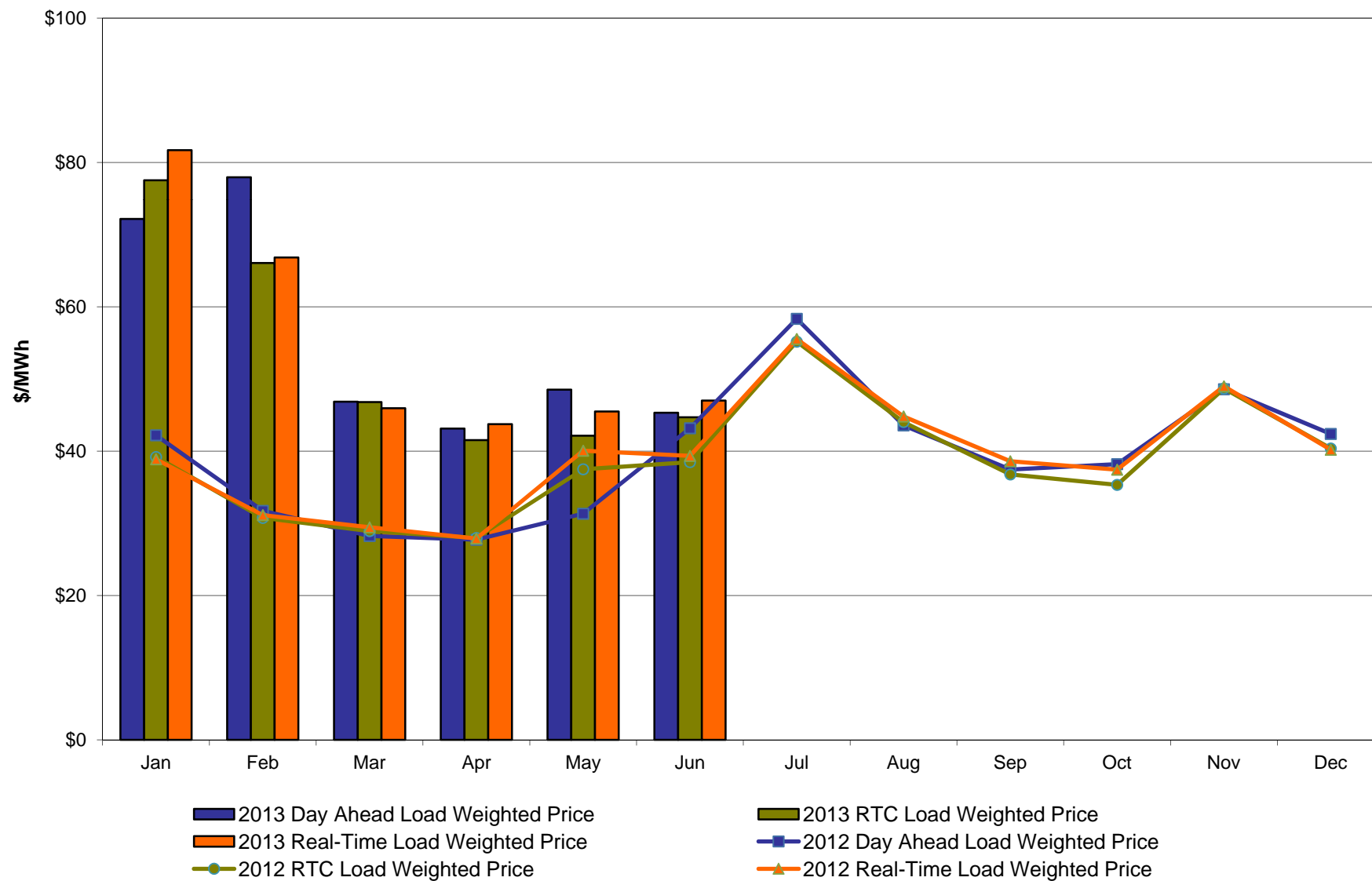
	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>DAY AHEAD LBMP</u></b>												
Price *	\$40.91	\$31.15	\$27.44	\$26.88	\$29.79	\$38.71	\$53.95	\$41.17	\$35.74	\$37.10	\$47.31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

\* Average zonal load weighted prices.

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



# **NYISO Monthly Average Internal LBMPs 2012- 2013**

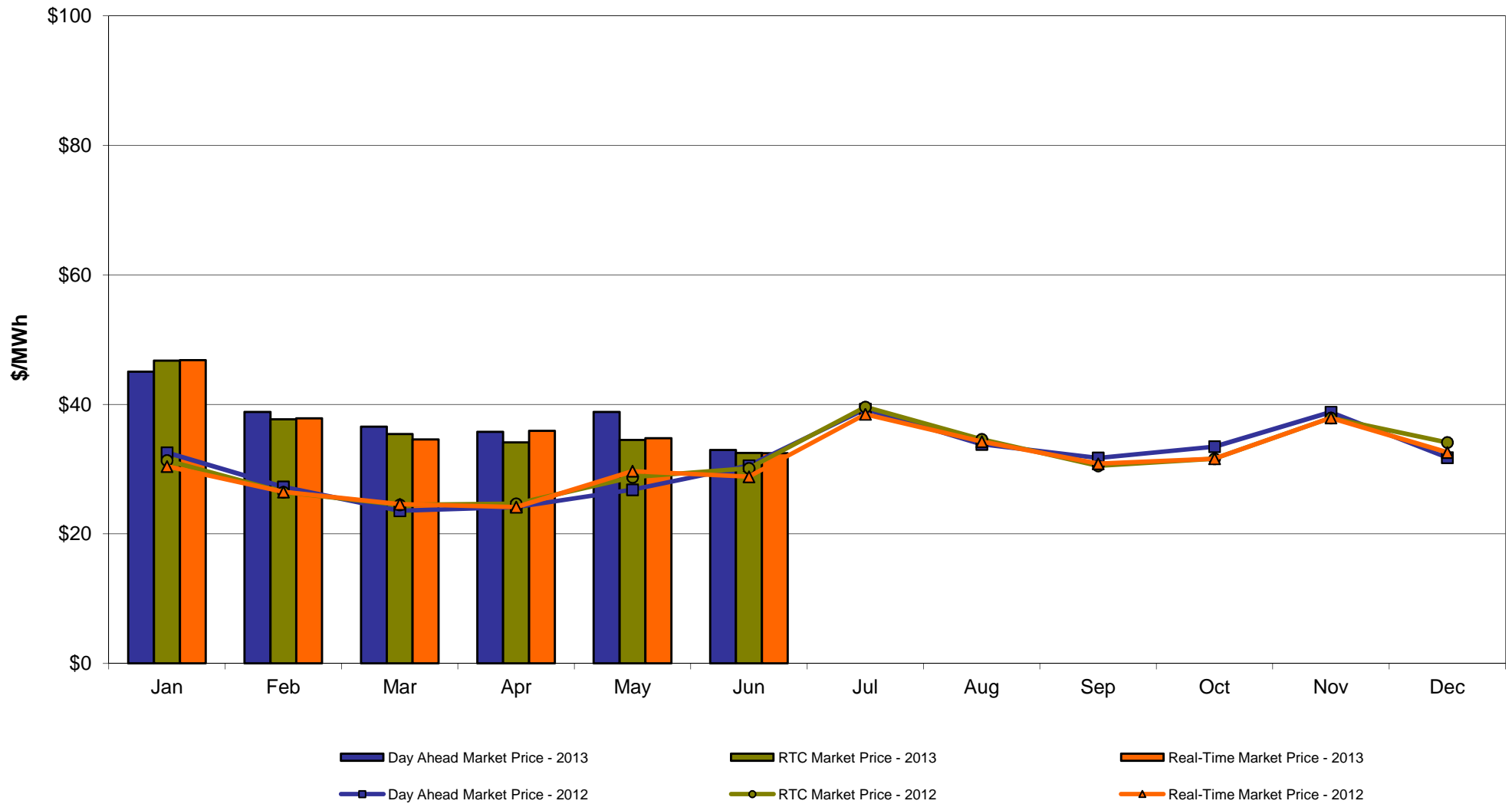


### June 2013 Zonal LBMP Statistics for NYISO (\$/MWh)

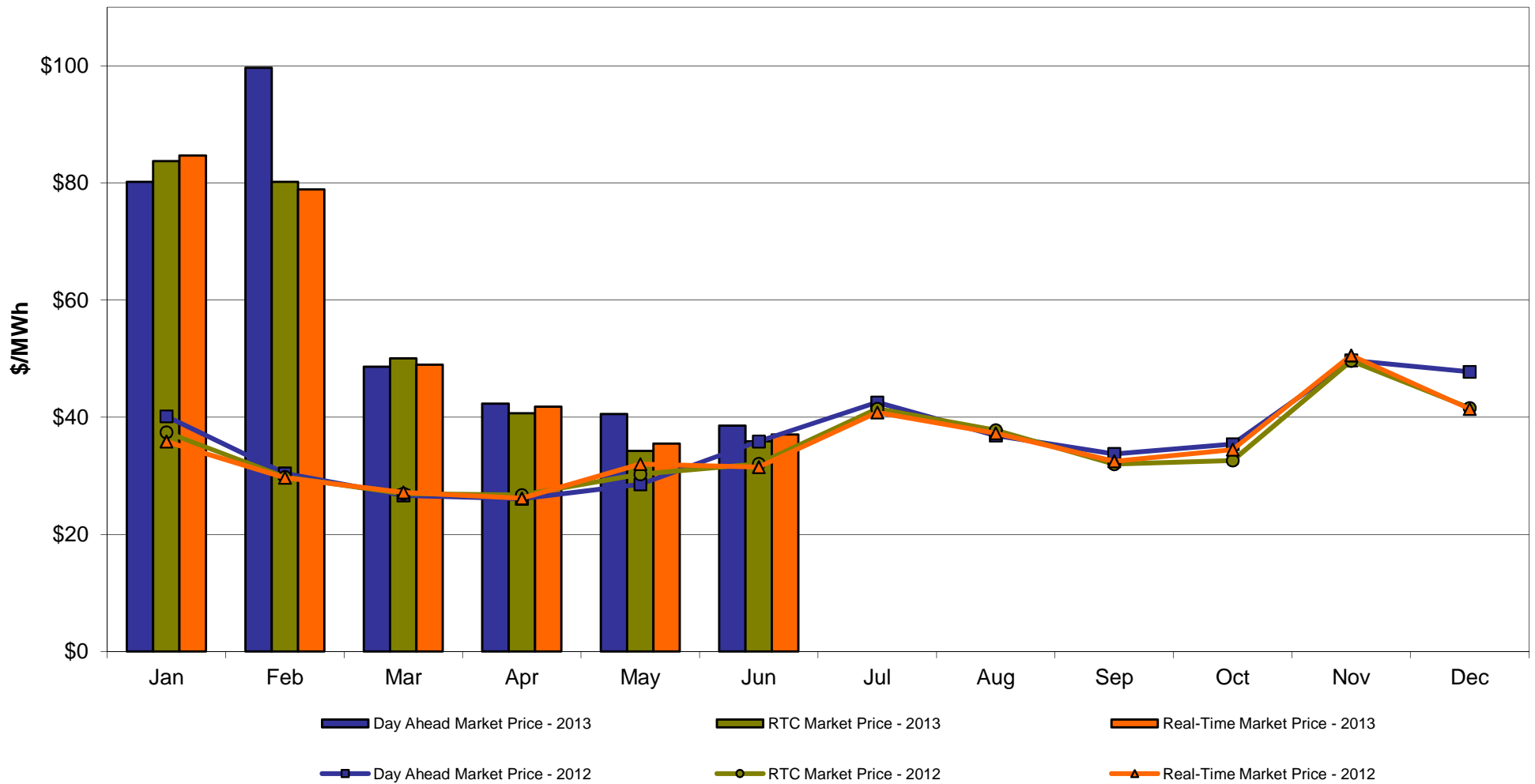
	<u>WEST</u> <u>Zone A</u>	<u>GENESEE</u> <u>Zone B</u>	<u>NORTH</u> <u>Zone D</u>	<u>CENTRAL</u> <u>Zone C</u>	<u>MOHAWK</u> <u>VALLEY</u> <u>Zone E</u>	<u>CAPITAL</u> <u>Zone F</u>	<u>HUDSON</u> <u>VALLEY</u> <u>Zone G</u>	<u>MILLWOOD</u> <u>Zone H</u>	<u>DUNWOODIE</u> <u>Zone I</u>	<u>NEW YORK</u> <u>CITY</u> <u>Zone J</u>	<u>LONG</u> <u>ISLAND</u> <u>Zone K</u>
<b><u>DAY AHEAD LBMP</u></b>											
Unweighted Price *	32.95	33.15	31.22	34.09	34.68	38.56	41.18	41.68	41.71	43.65	62.00
Standard Deviation	8.19	7.81	7.50	8.33	8.72	13.28	14.55	15.51	15.53	15.91	50.87
<b><u>RTC LBMP</u></b>											
Unweighted Price *	32.50	31.77	30.20	32.55	33.05	35.90	39.74	40.36	40.48	42.07	66.92
Standard Deviation	34.92	21.05	19.52	23.28	22.48	24.73	30.01	31.76	31.94	32.42	70.80
<b><u>REAL TIME LBMP</u></b>											
Unweighted Price *	32.45	32.78	31.23	33.51	34.11	37.07	41.24	41.90	42.09	43.89	71.17
Standard Deviation	26.76	25.99	25.95	27.80	27.77	29.43	33.28	34.55	34.78	35.18	81.50
	<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>Dennison</u> <u>Controllable</u> <u>Line</u>	
<b><u>DAY AHEAD LBMP</u></b>											
Unweighted Price *	32.02	31.91	31.35	36.69	39.53	59.02	44.97	58.41	41.96	30.77	
Standard Deviation	7.07	7.84	7.86	10.85	13.42	47.74	15.76	47.11	13.80	7.30	
<b><u>RTC LBMP</u></b>											
Unweighted Price *	29.76	28.97	28.73	34.57	36.51	62.51	61.72	61.79	37.94	29.03	
Standard Deviation	9.97	12.78	12.72	14.94	15.26	61.26	60.89	60.60	22.25	11.10	
<b><u>REAL TIME LBMP</u></b>											
Unweighted Price *	30.62	29.75	29.60	36.77	38.44	65.64	39.04	64.04	41.13	30.19	
Standard Deviation	9.95	11.52	11.48	34.51	29.61	76.82	108.96	75.13	35.90	25.35	

\* Straight LBMP averages

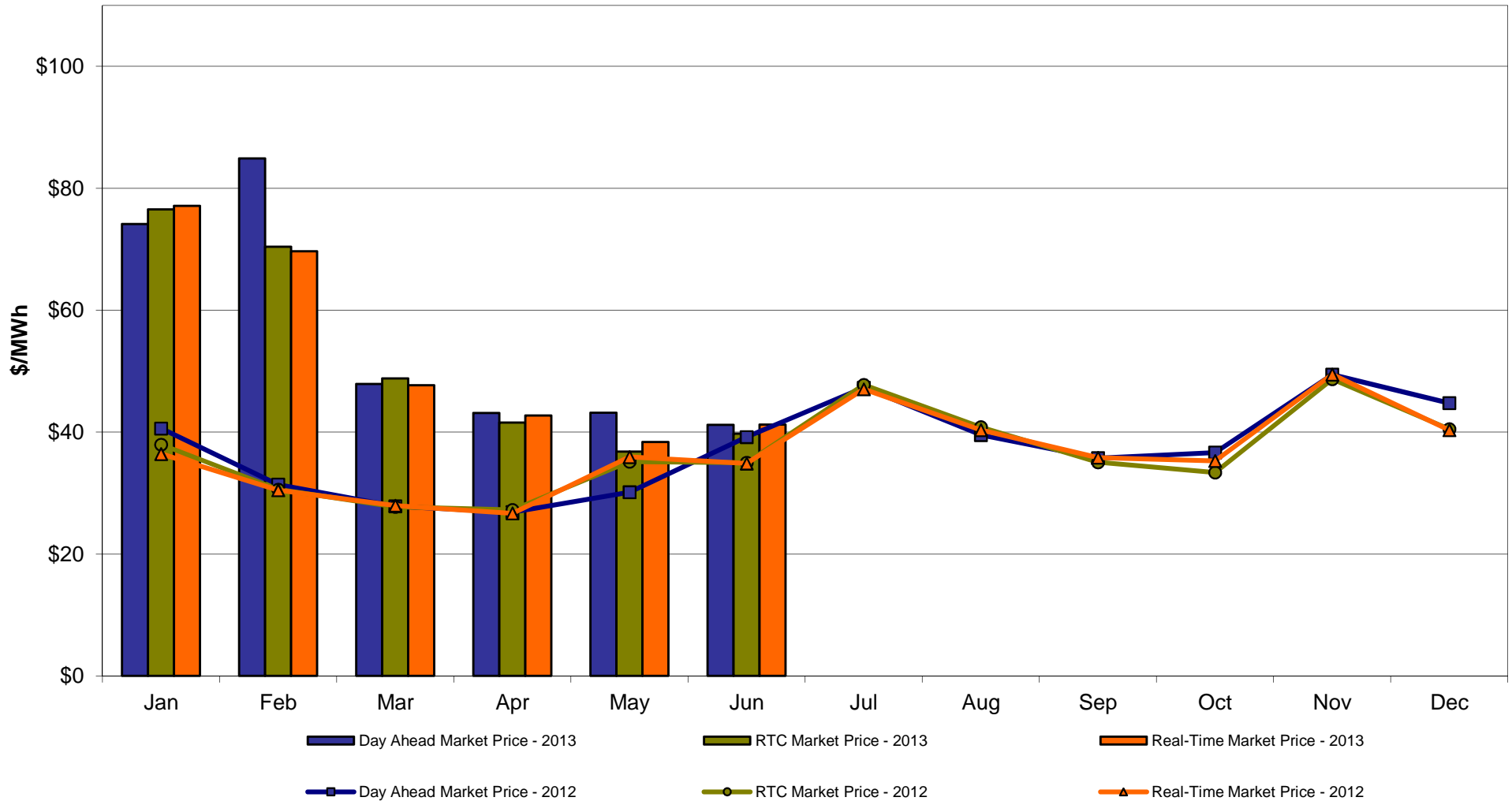
# **West Zone A** **Monthly Average LBMP Prices 2012 - 2013**



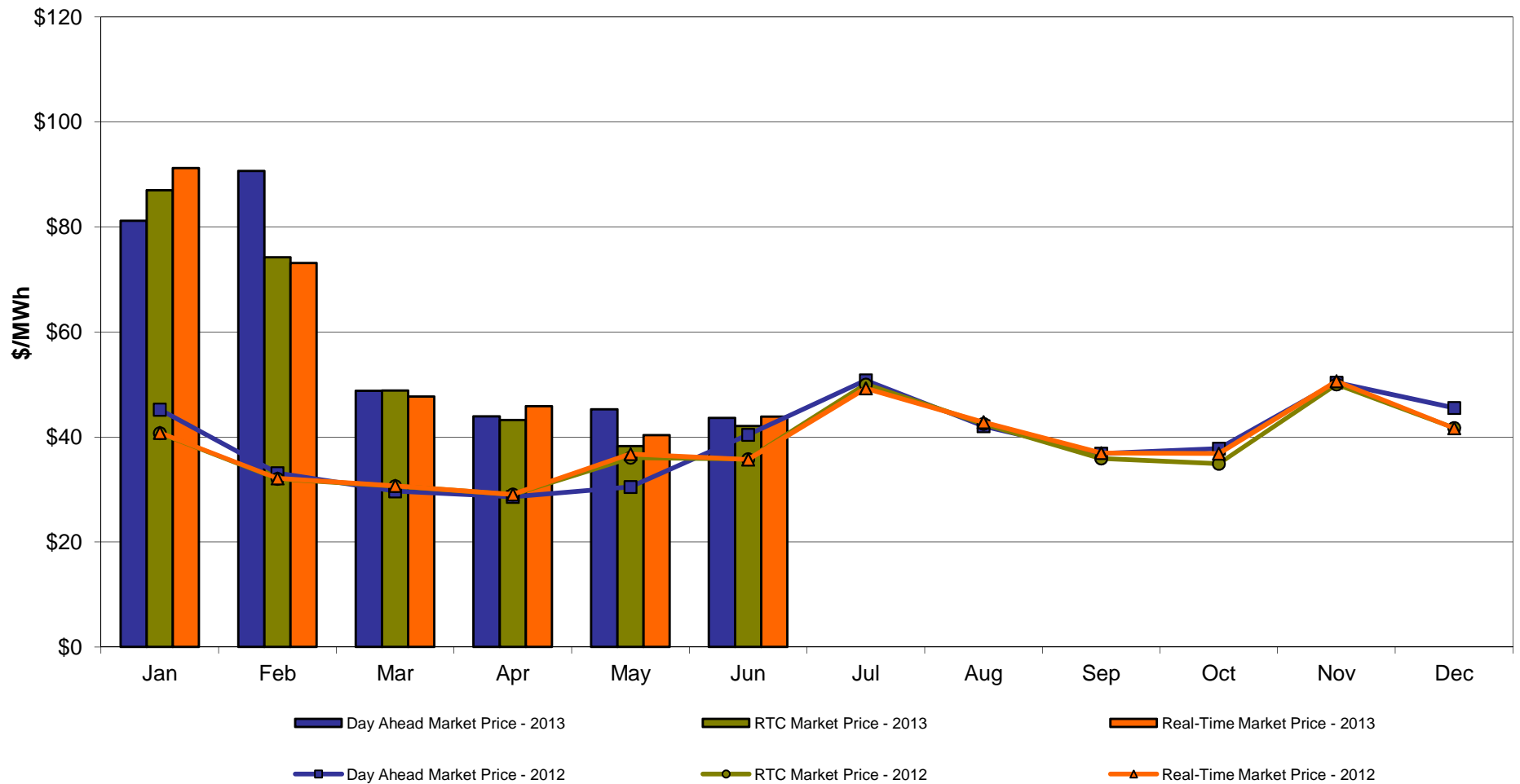
# **Capital Zone F** **Monthly Average LBMP Prices 2012 - 2013**



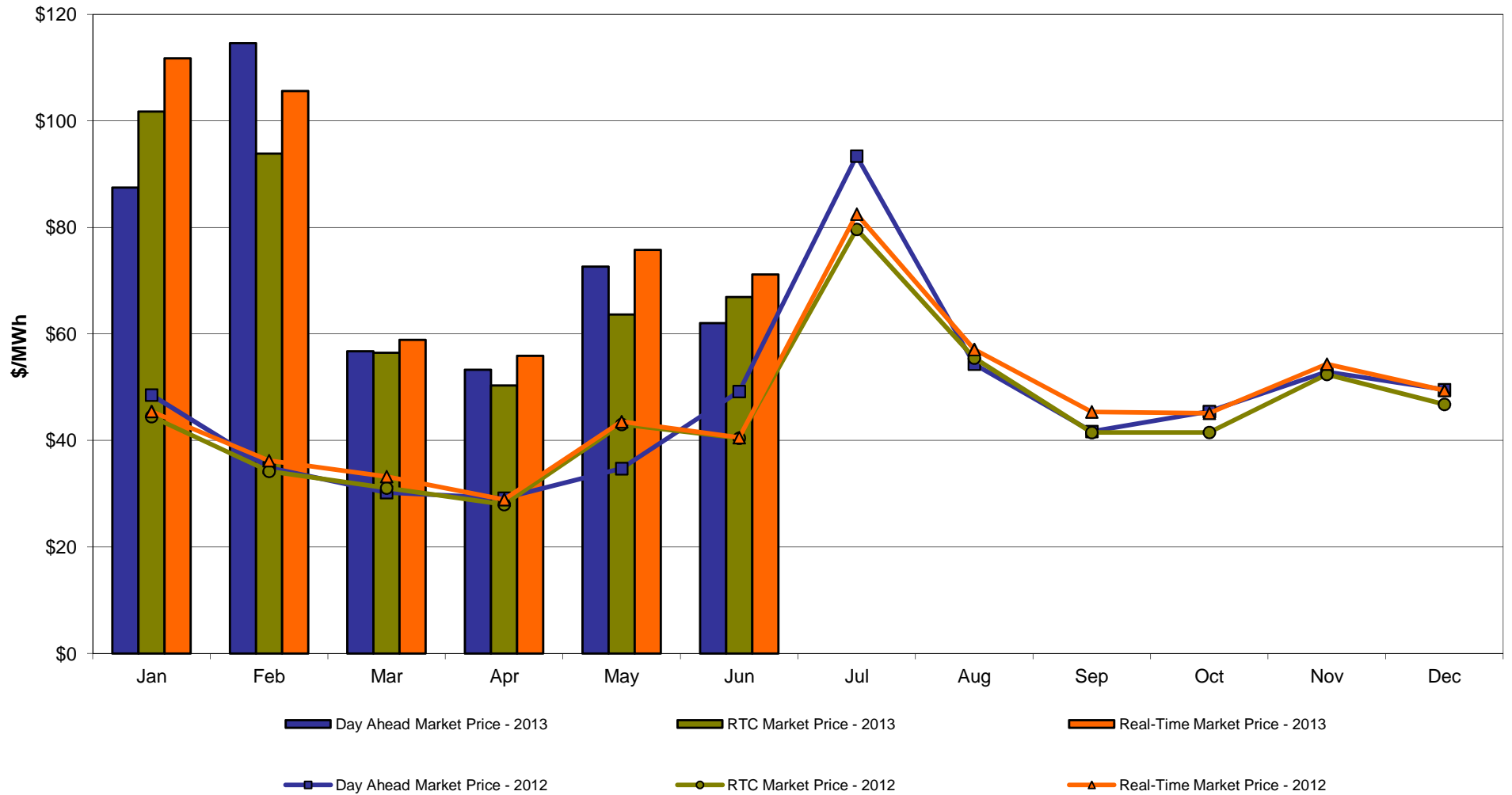
# Hudson Valley Zone G Monthly Average LBMP Prices 2012 - 2013



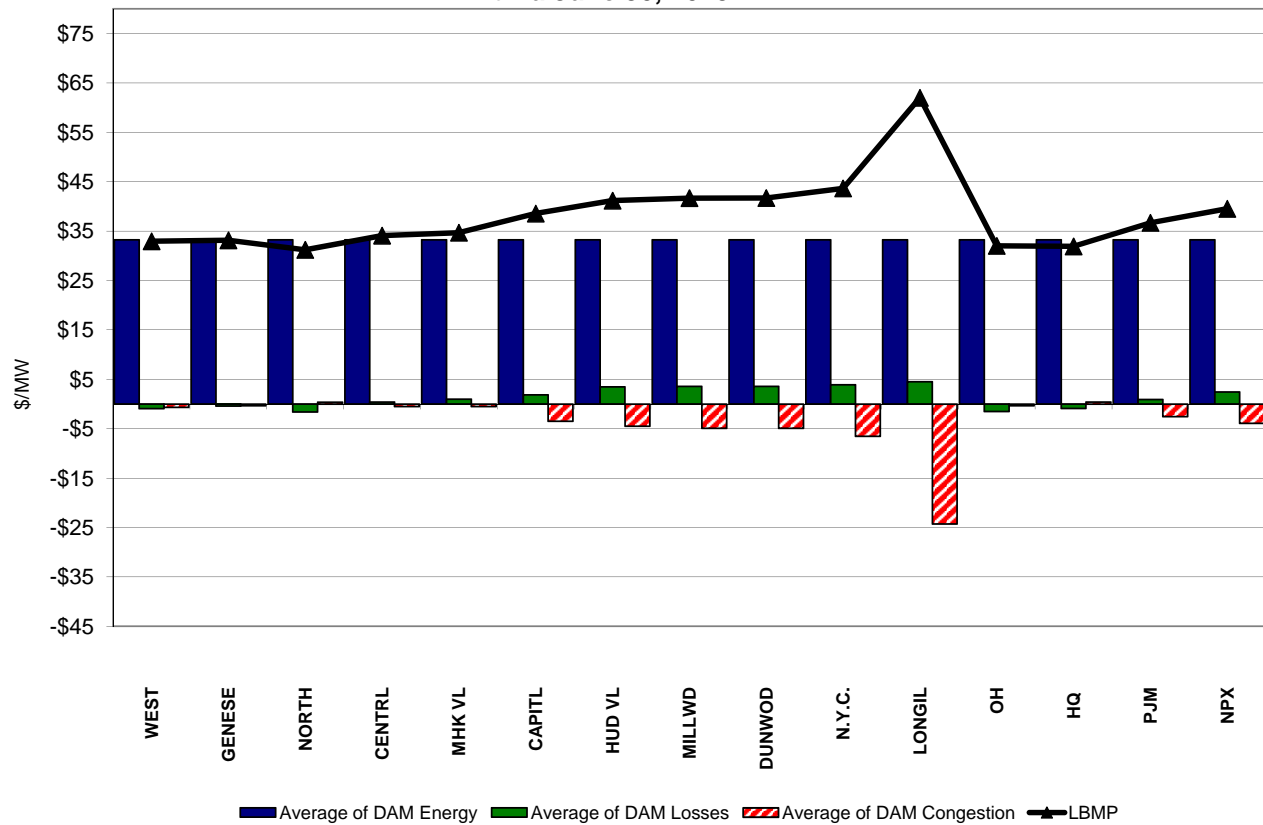
# NYC Zone J Monthly Average LBMP Prices 2012 - 2013



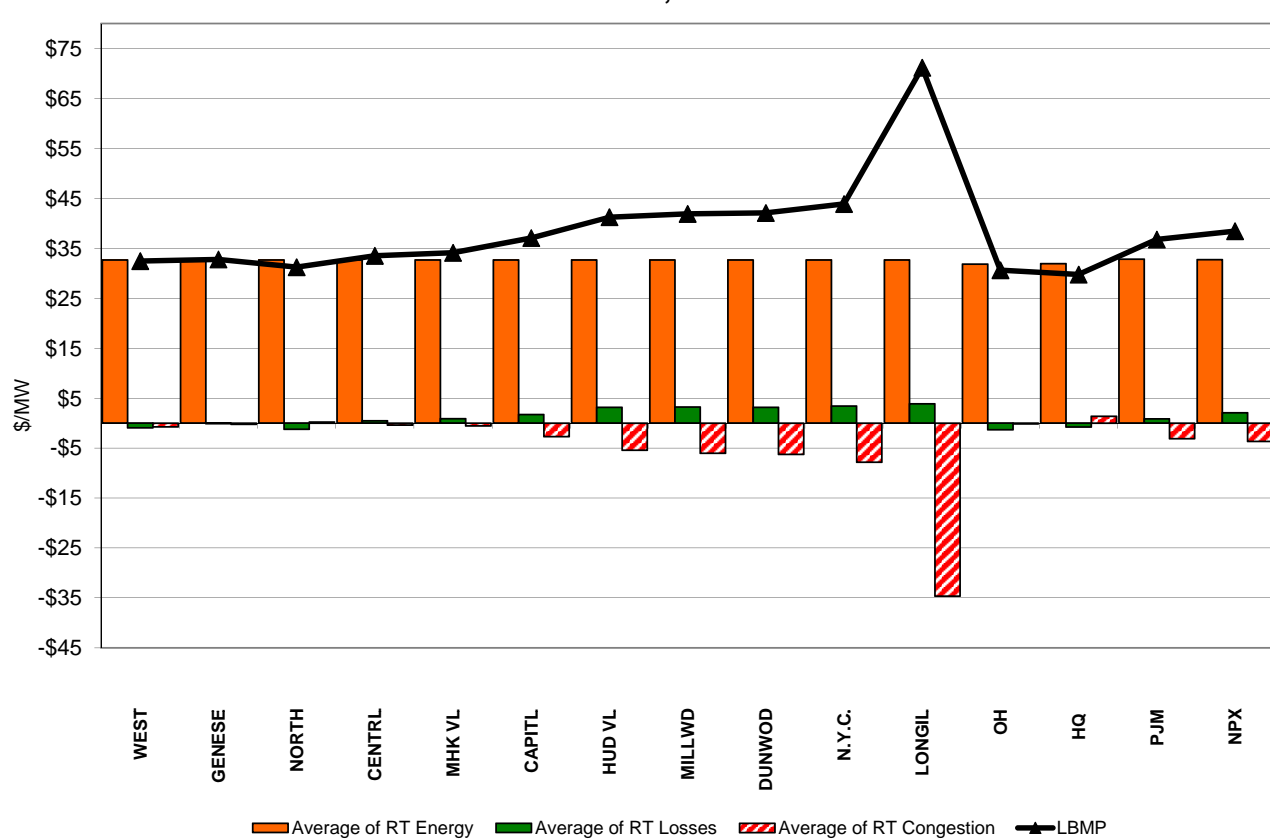
# Long Island Zone K Monthly Average LBMP Prices 2012 - 2013



**DAM Zonal Unweighted Monthly Average LBMP Components  
thru June 30, 2013**



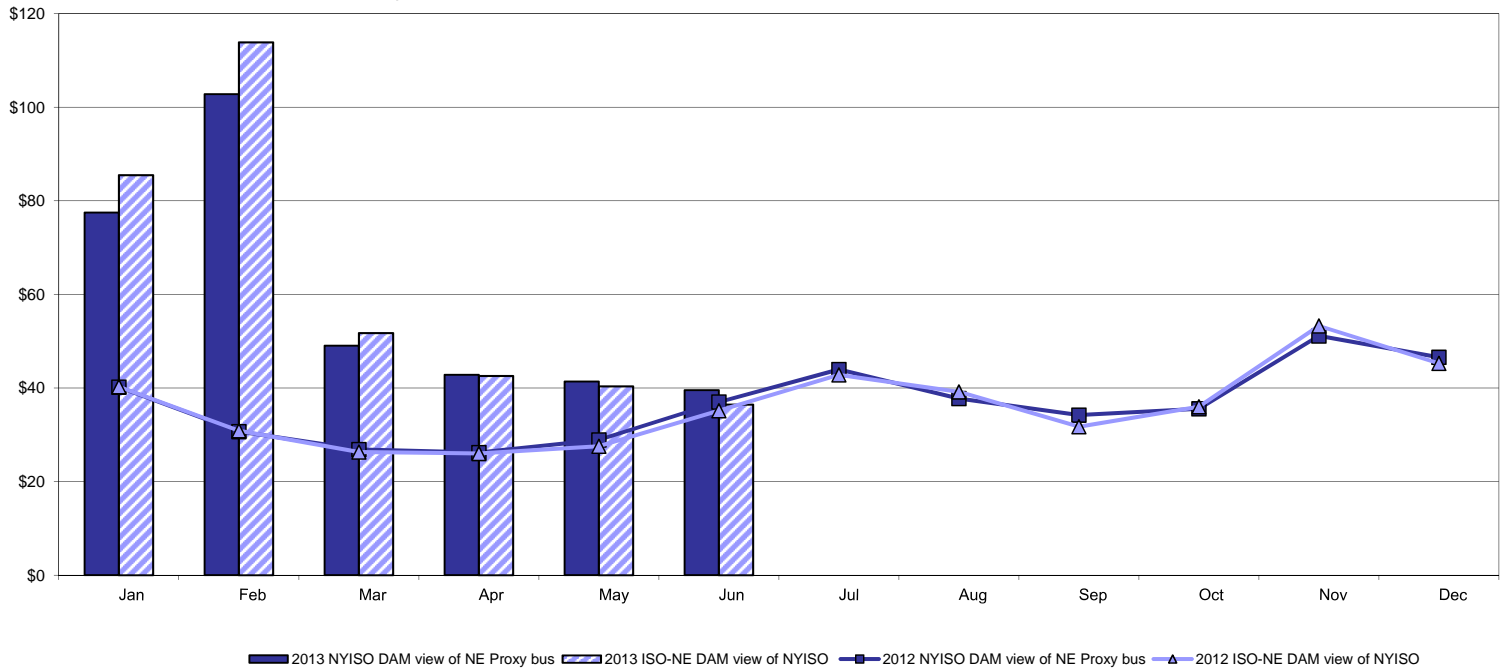
**RT Zonal Unweighted Monthly Average LBMP Components  
thru June 30, 2013**



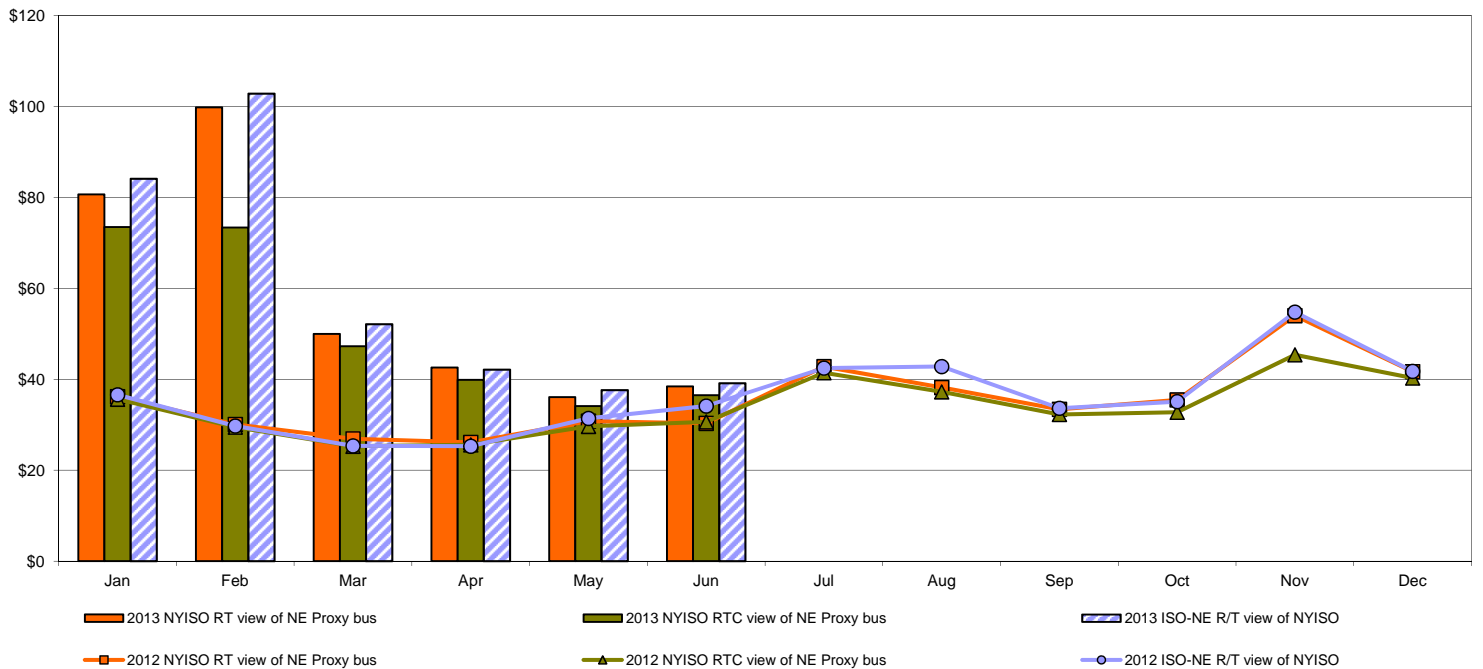


# External Comparison ISO-New England

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

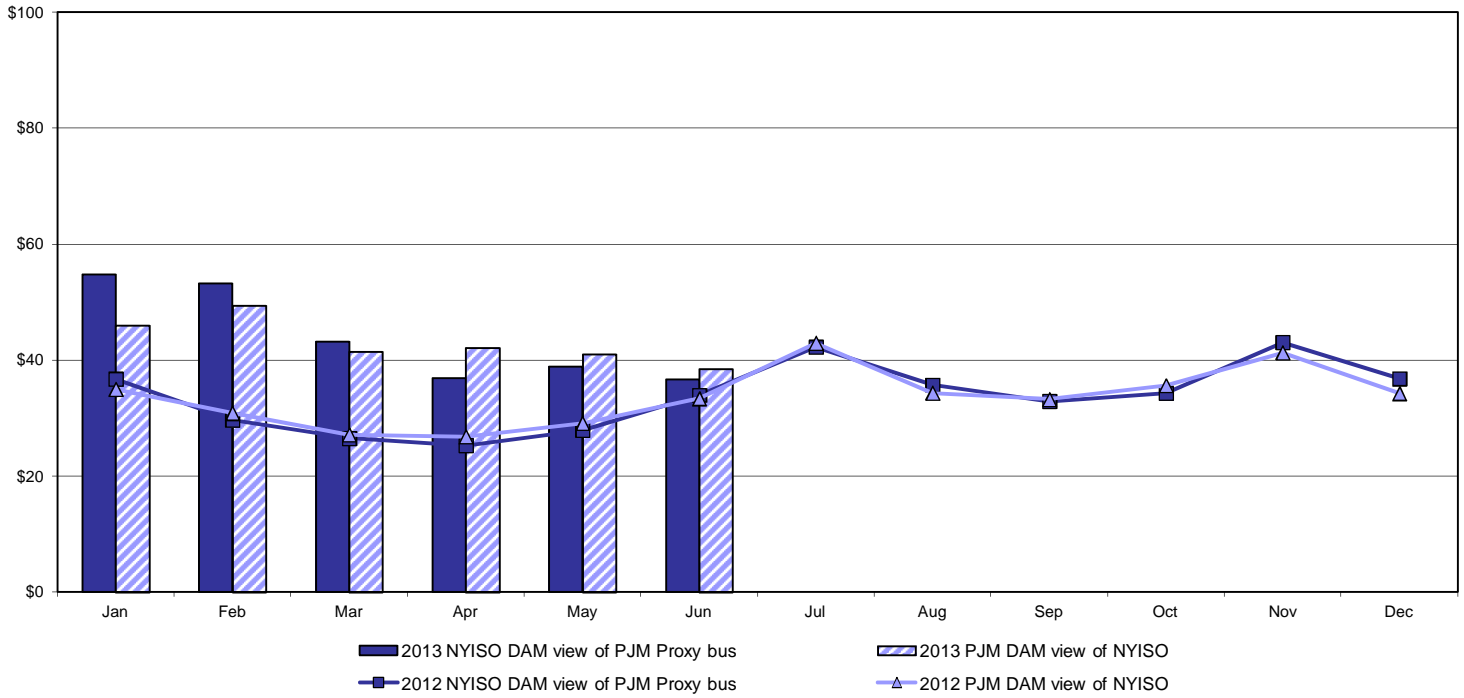


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

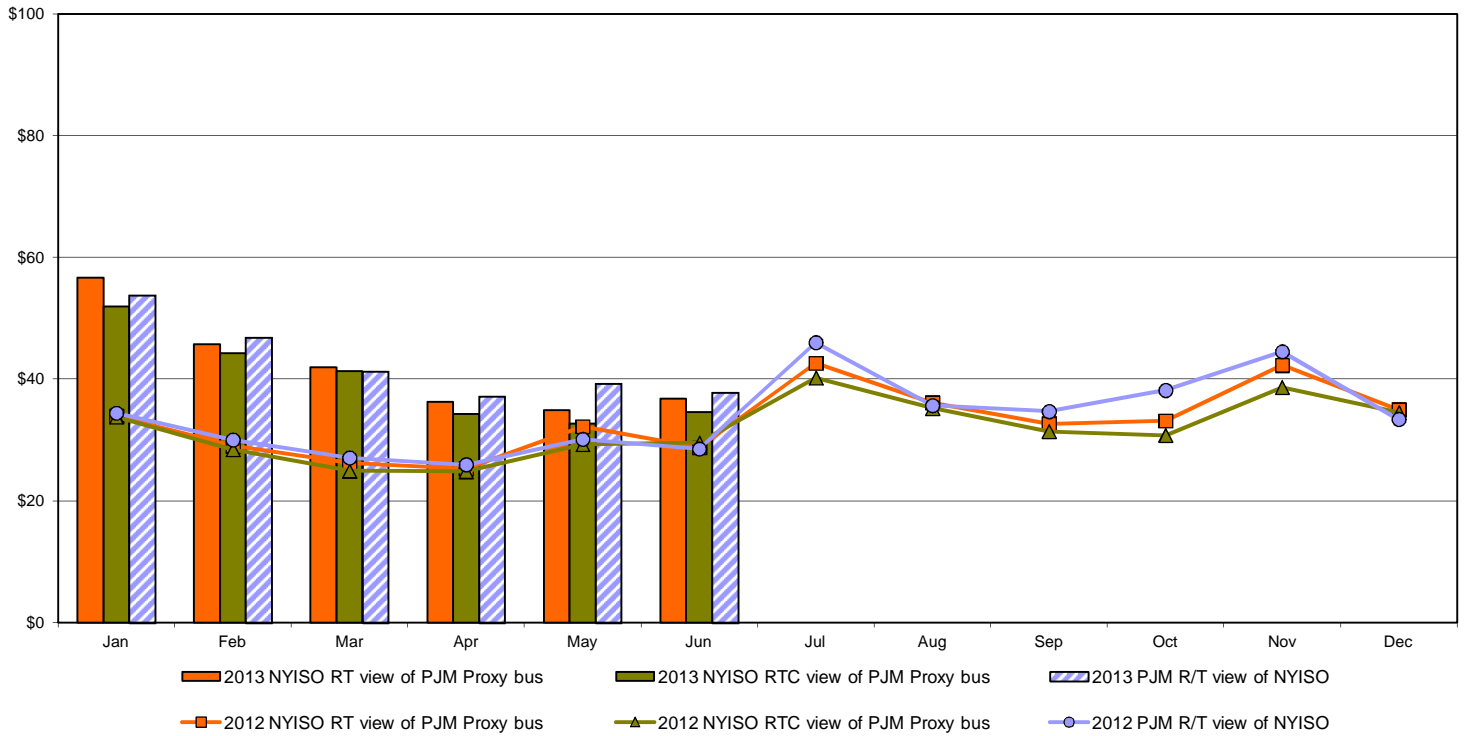


## External Comparison PJM

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

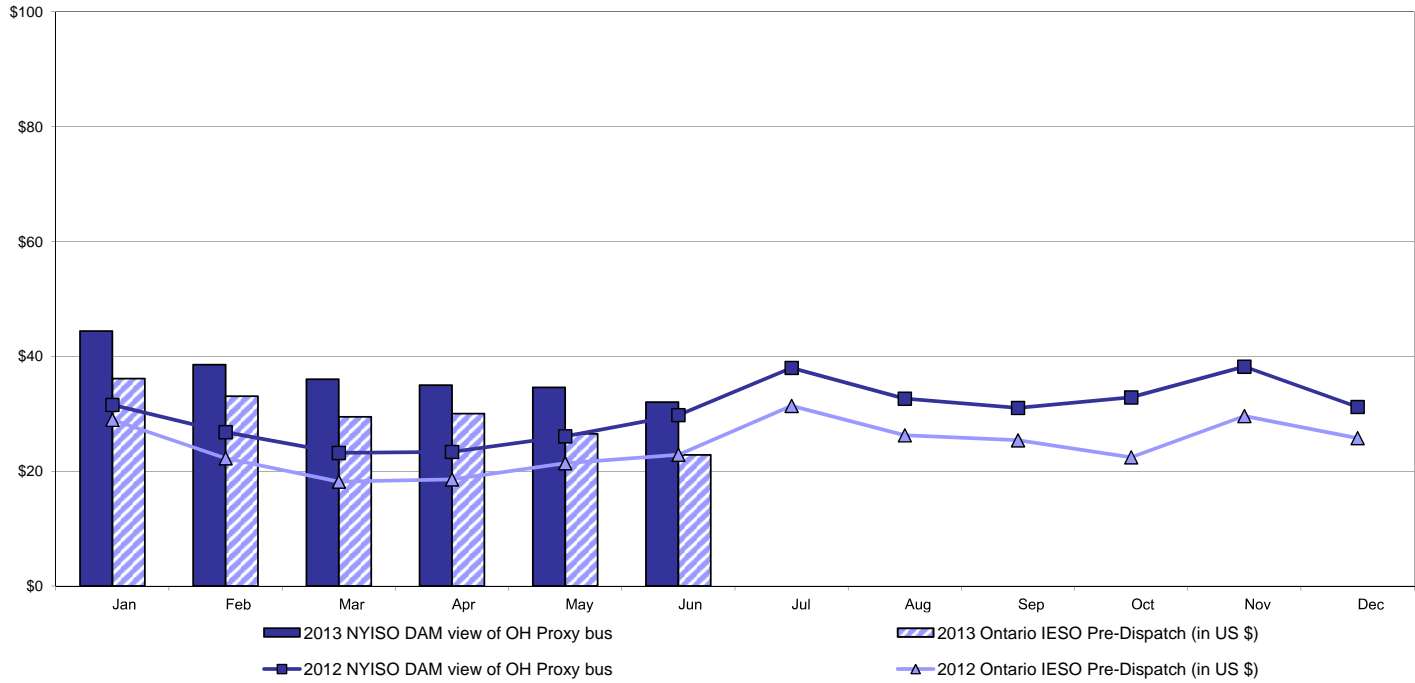


**Real Time Market External Zone Comparison - PJM (\$/MWh)**

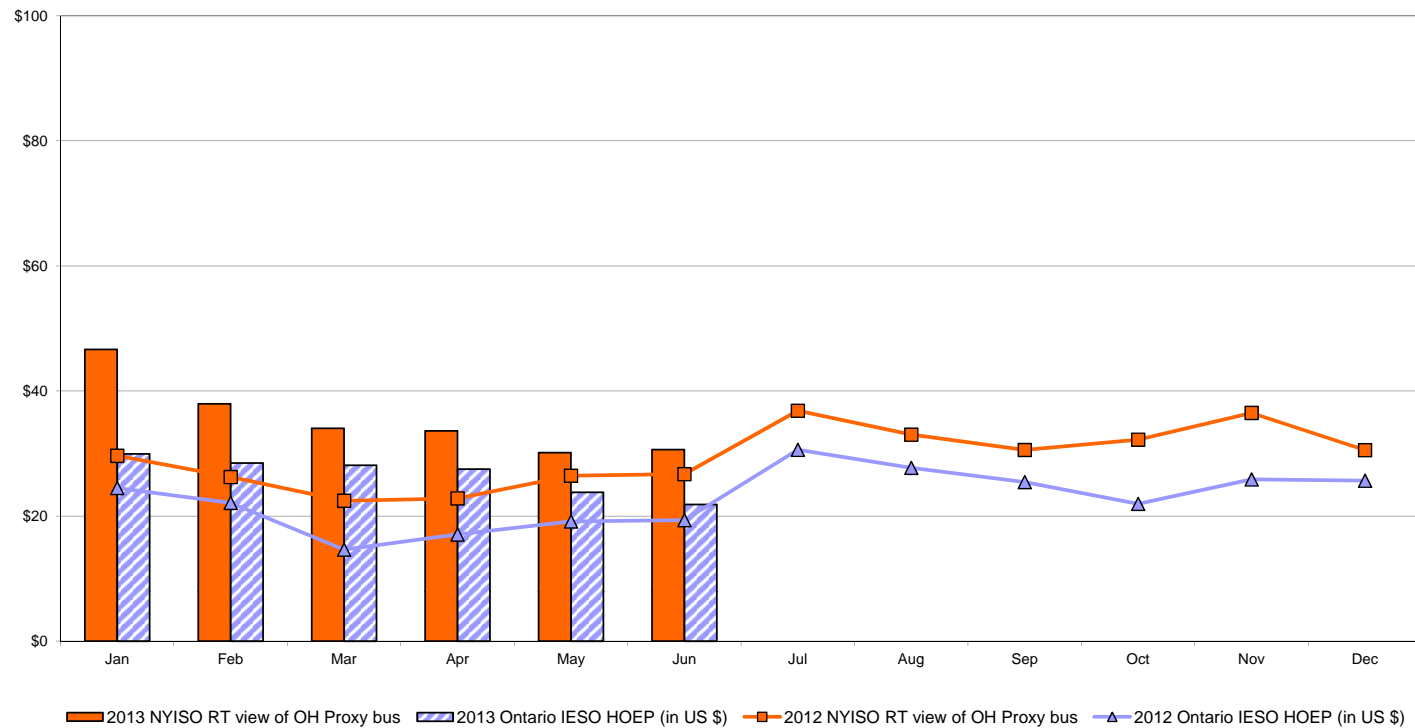


## External Comparison Ontario IESO

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

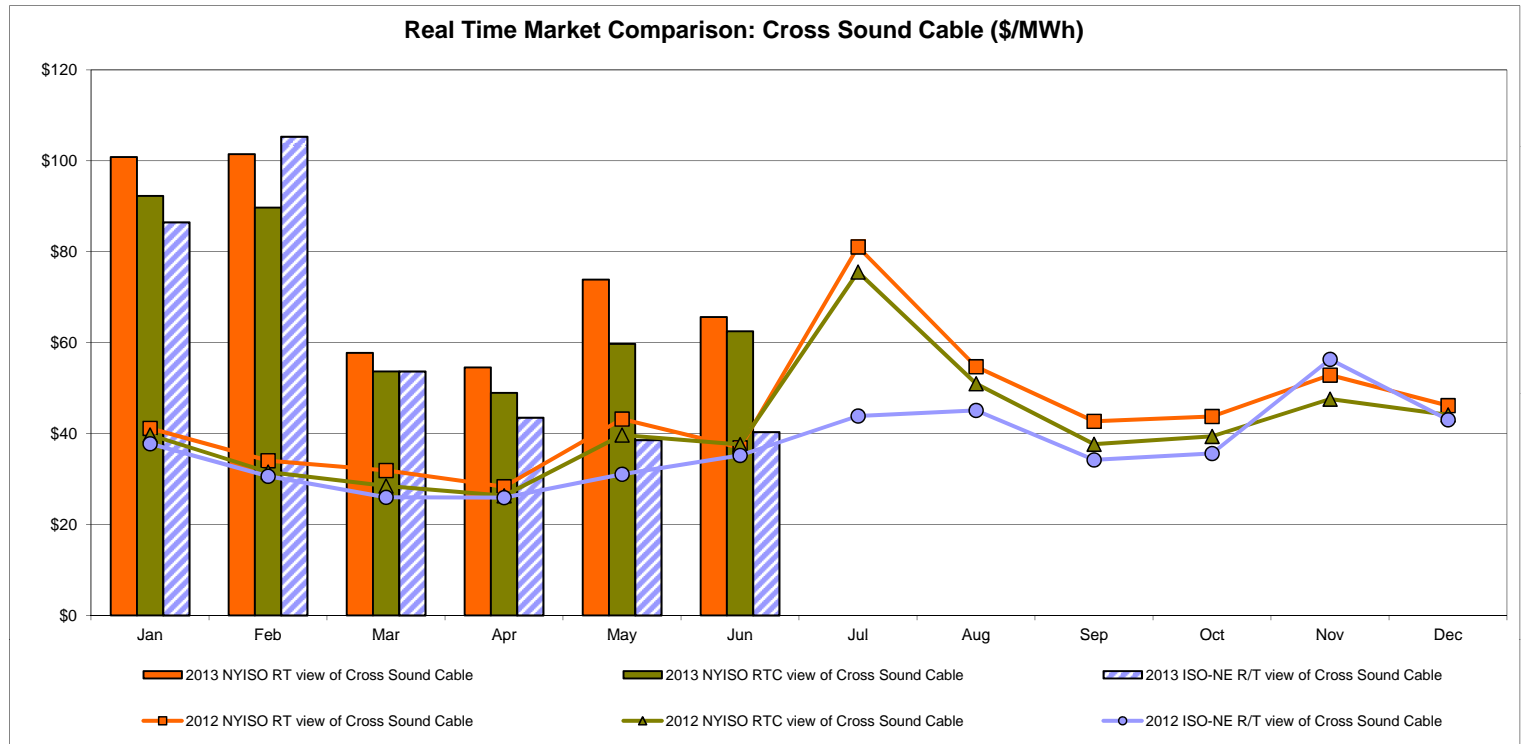
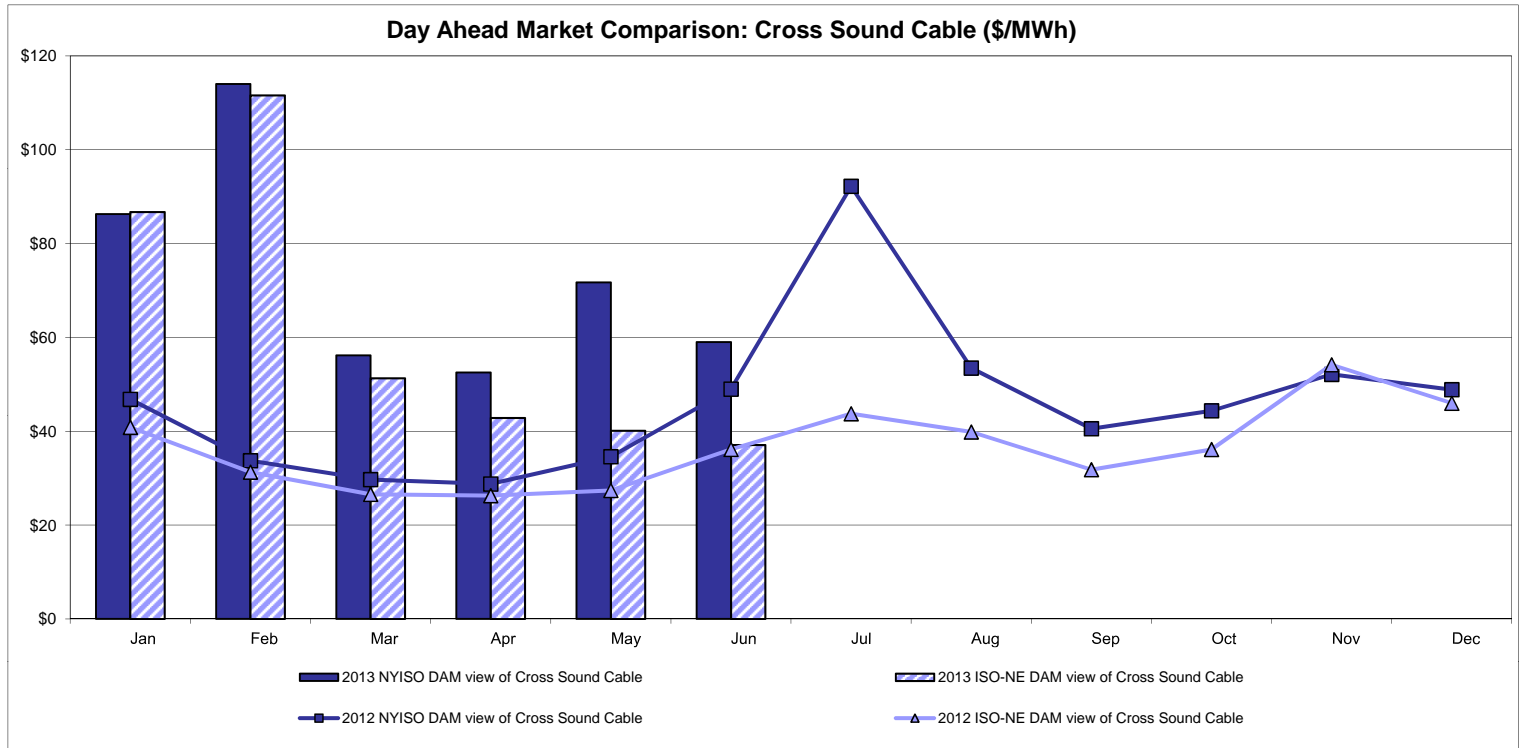


Real Time Market External Zone Comparison - Ontario IESO (\$/MWh)



Notes: Exchange factor used for April 2013 was 0.9697 to US \$  
 HOEP: Hourly Ontario Energy Price  
 Pre-Dispatch: Projected Energy Price

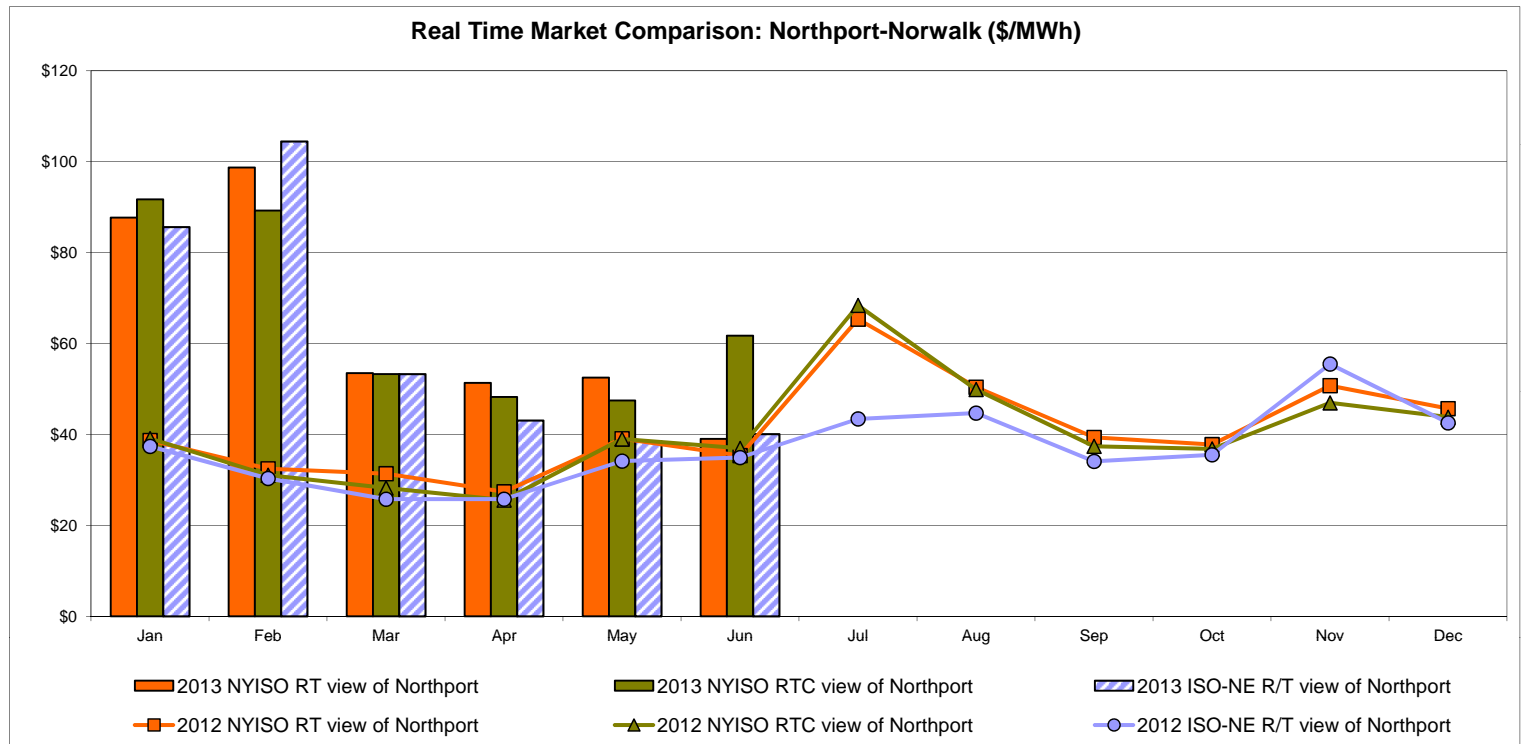
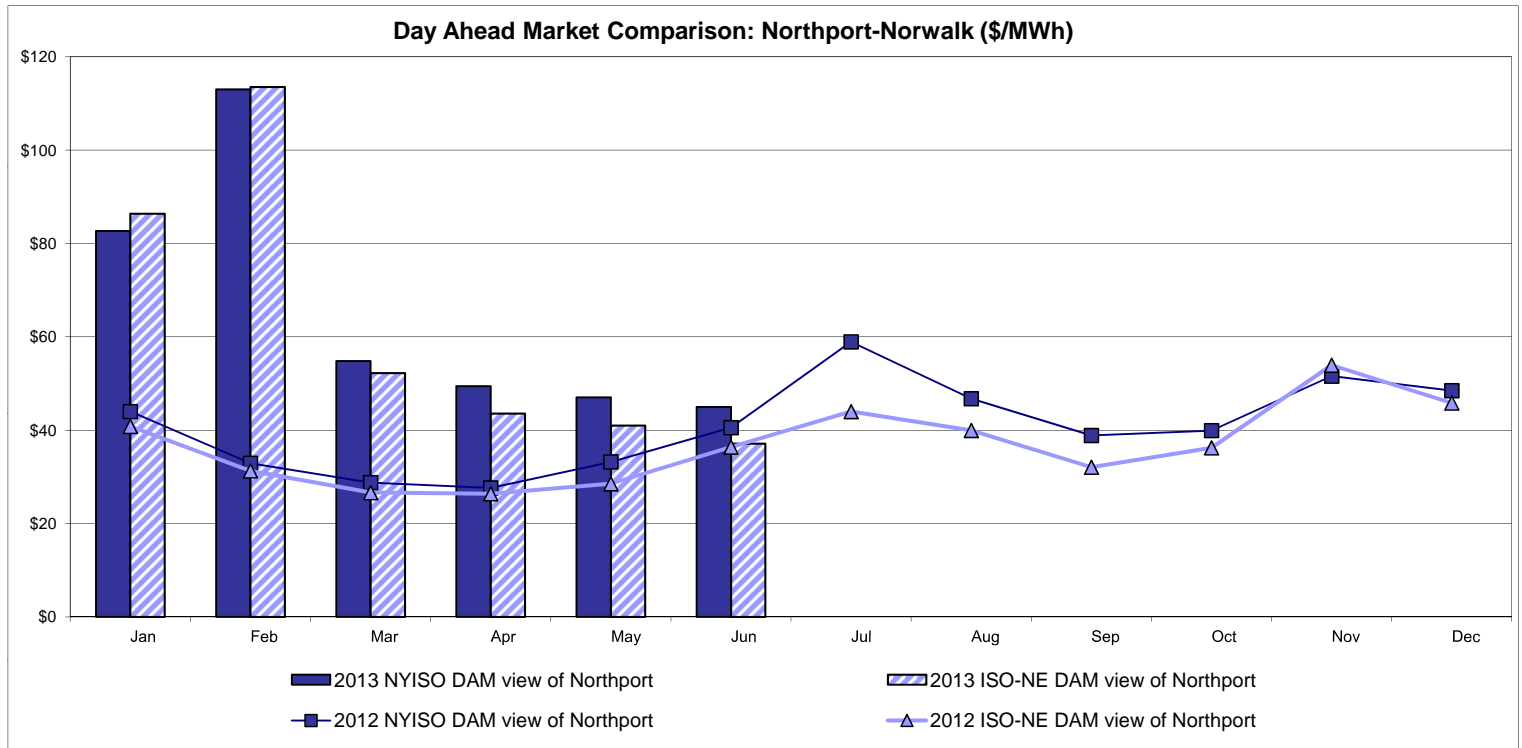
## External Controllable Line: Cross Sound Cable (New England)



### 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)

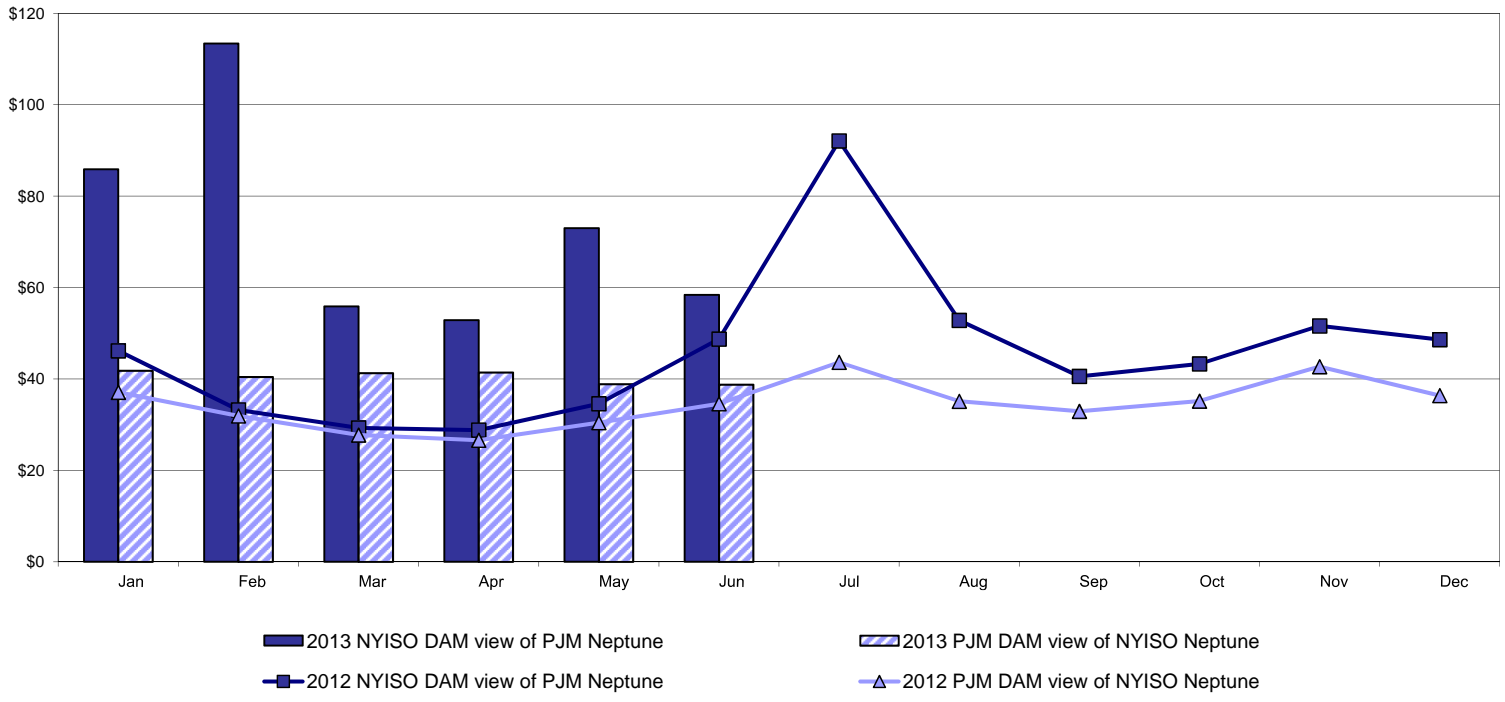


**Note:**

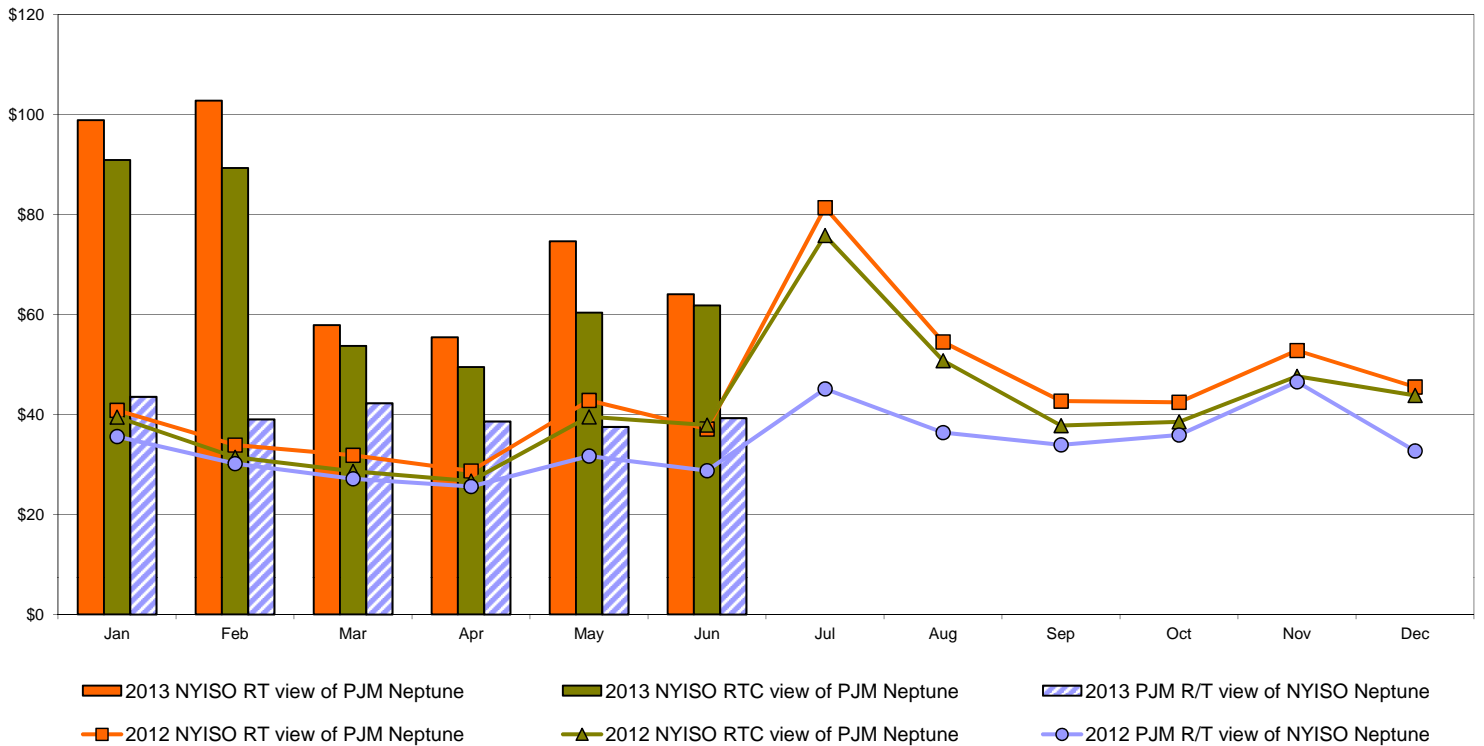
ISO-NE Forecast is an advisory posting @ 18:00 day before.  
 The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.  
 The DAM and R/T prices at the 1385 interface are used for NYISO.

## External Controllable Line: Neptune (PJM)

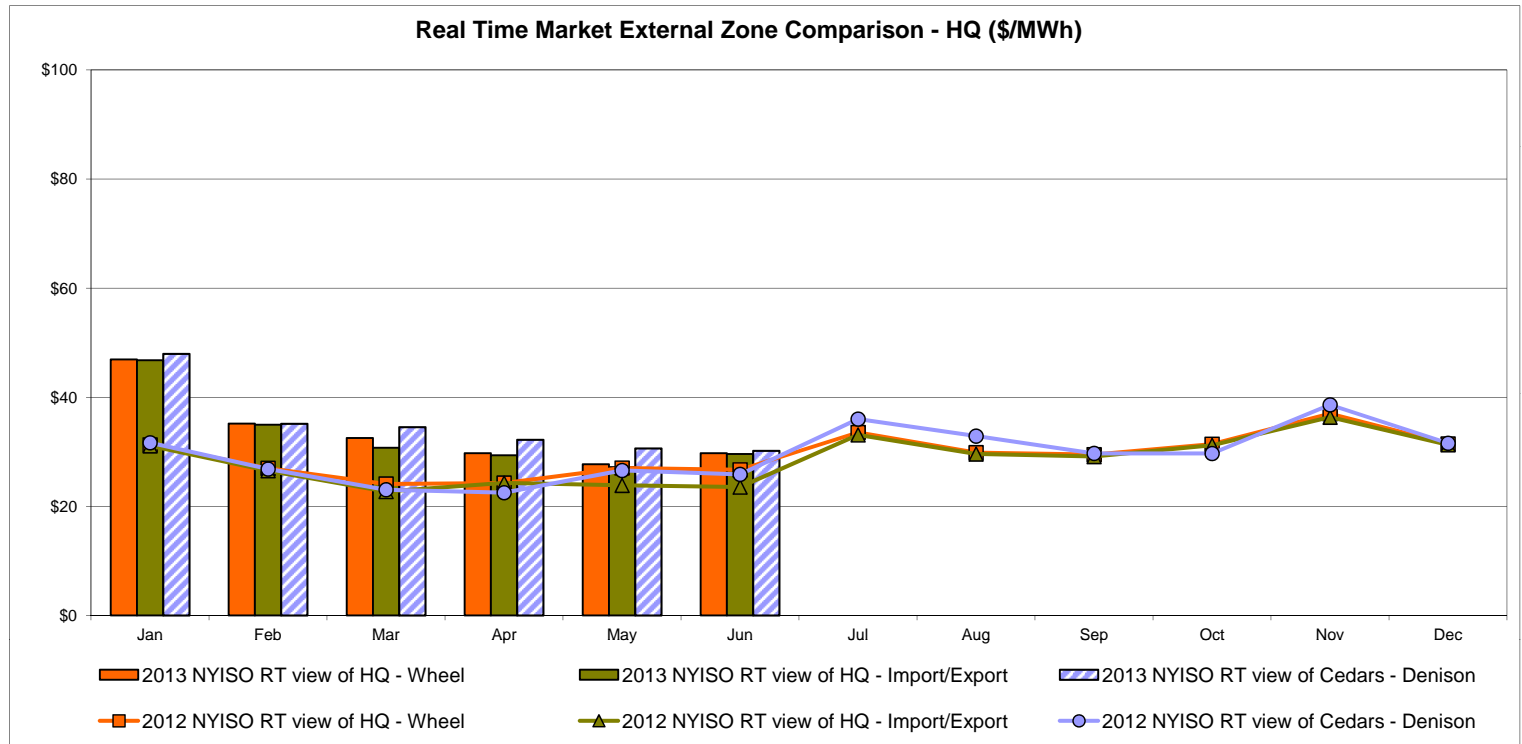
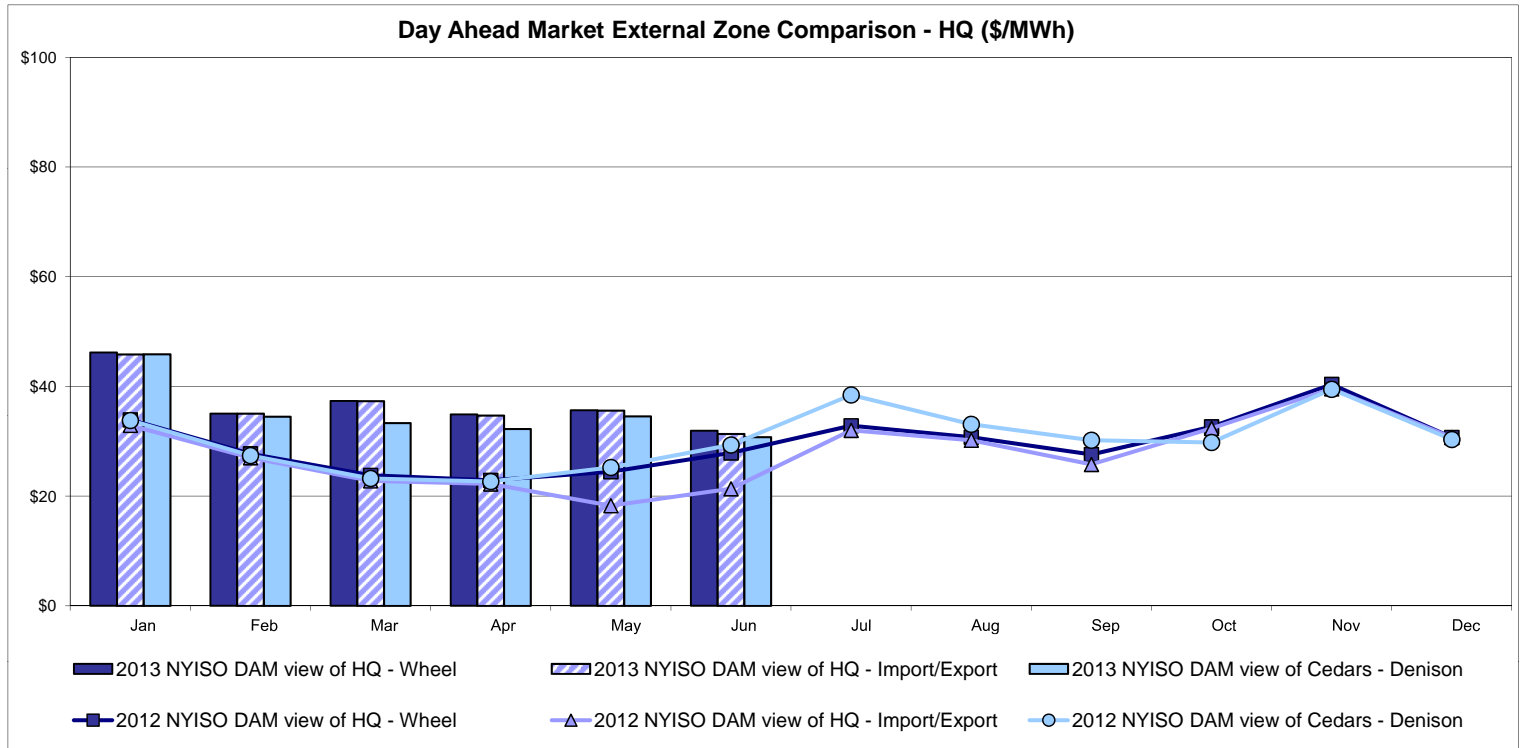
**Day Ahead Market Comparison: Neptune (\$/MWh)**



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

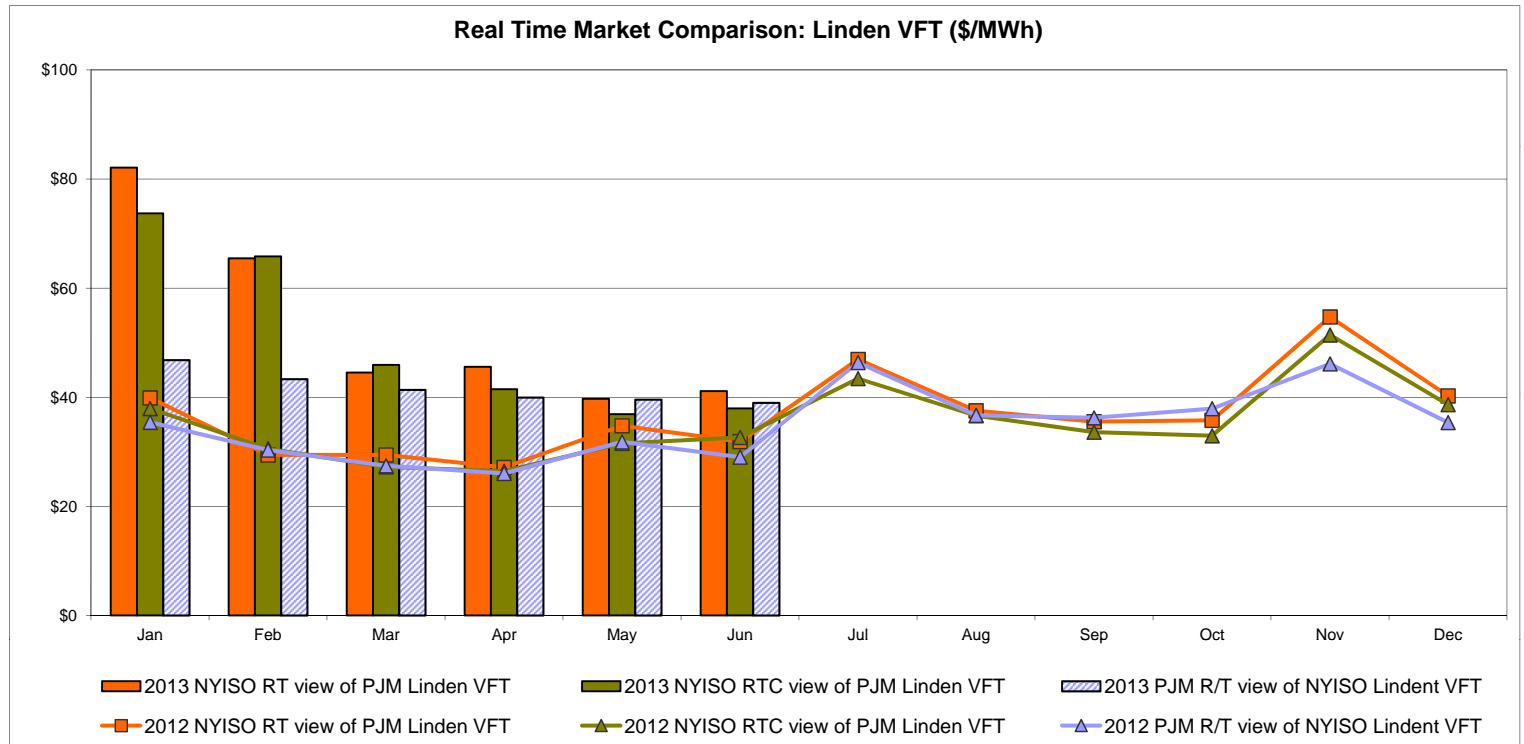
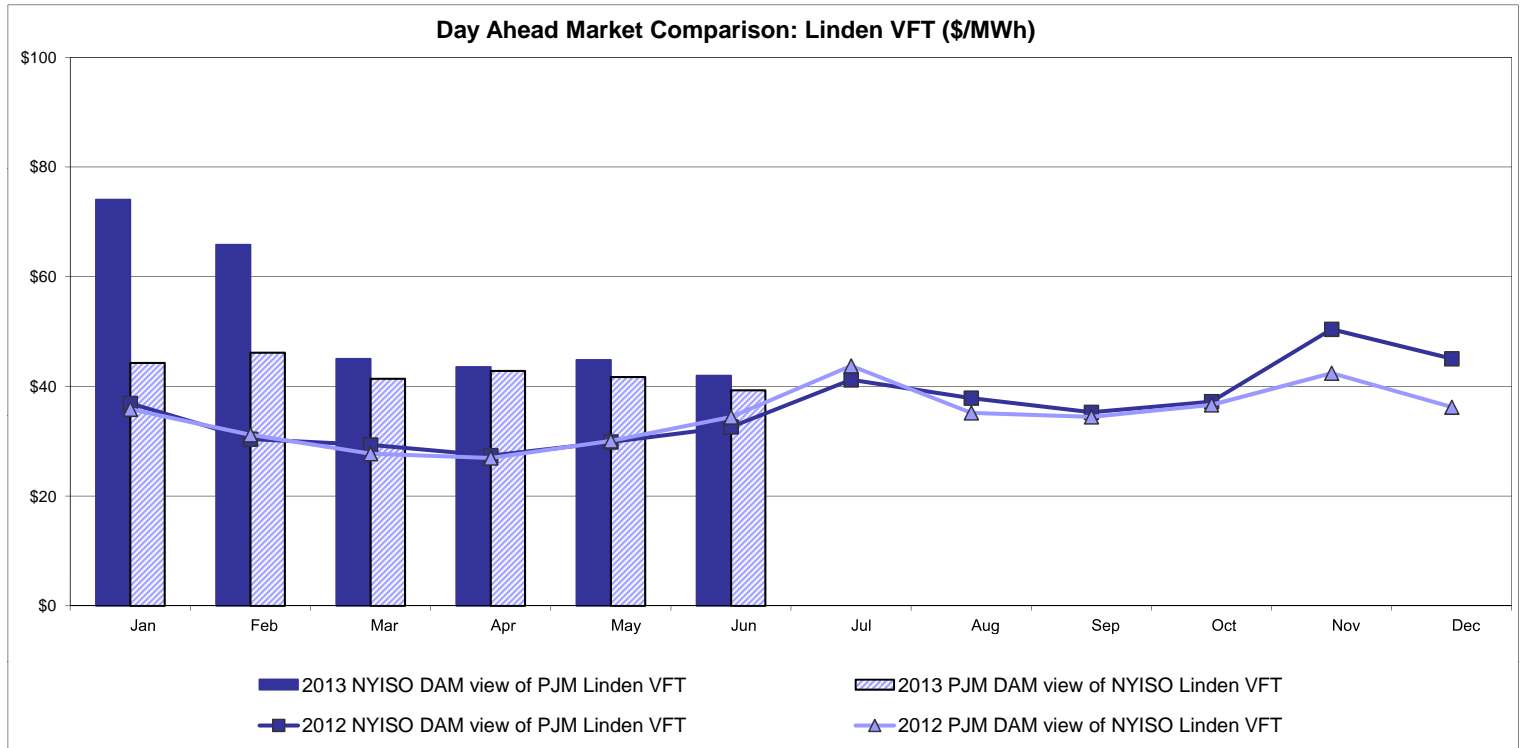


## External Comparison Hydro-Quebec



Note:  
Hydro-Quebec Prices are unavailable.

## External Controllable Line: Linden VFT (PJM)



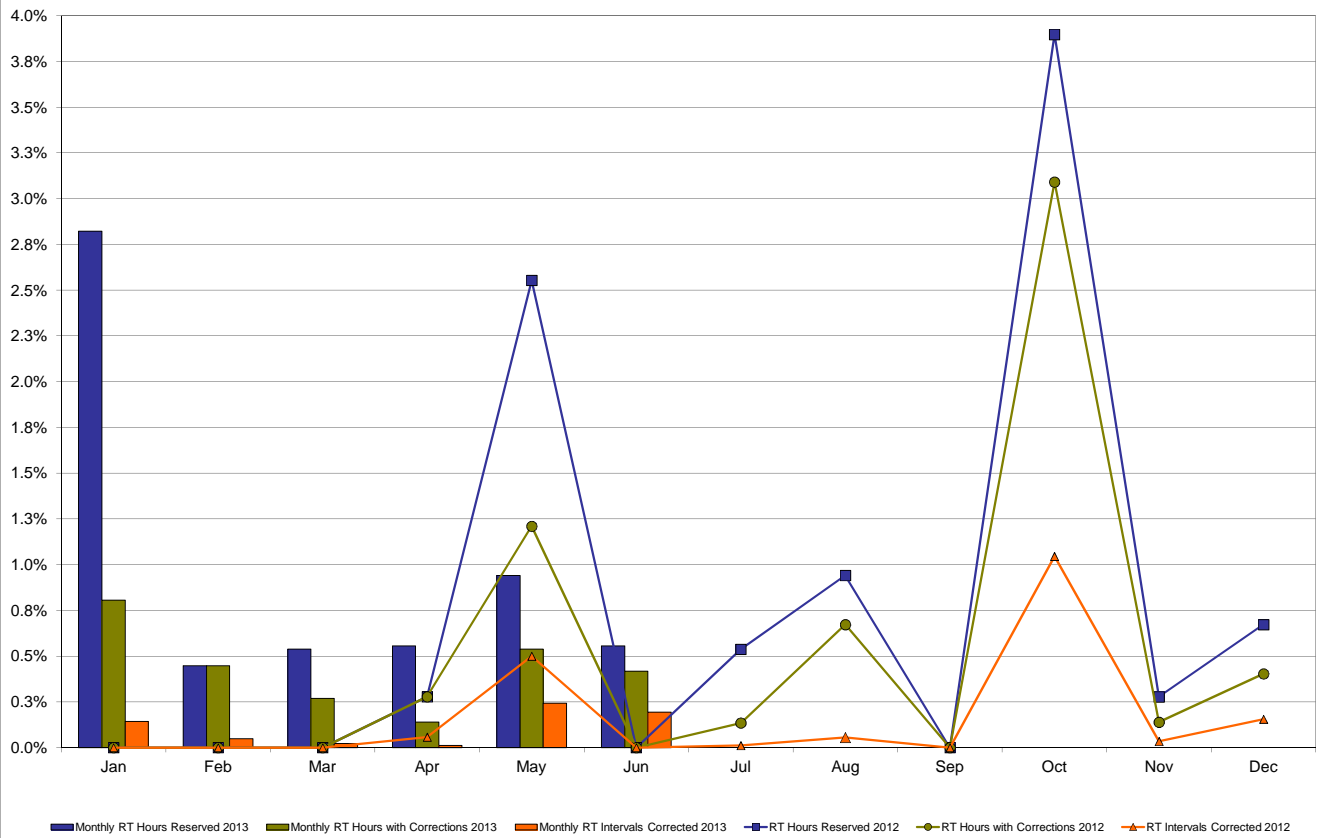


### NYISO Real Time Price Correction Statistics

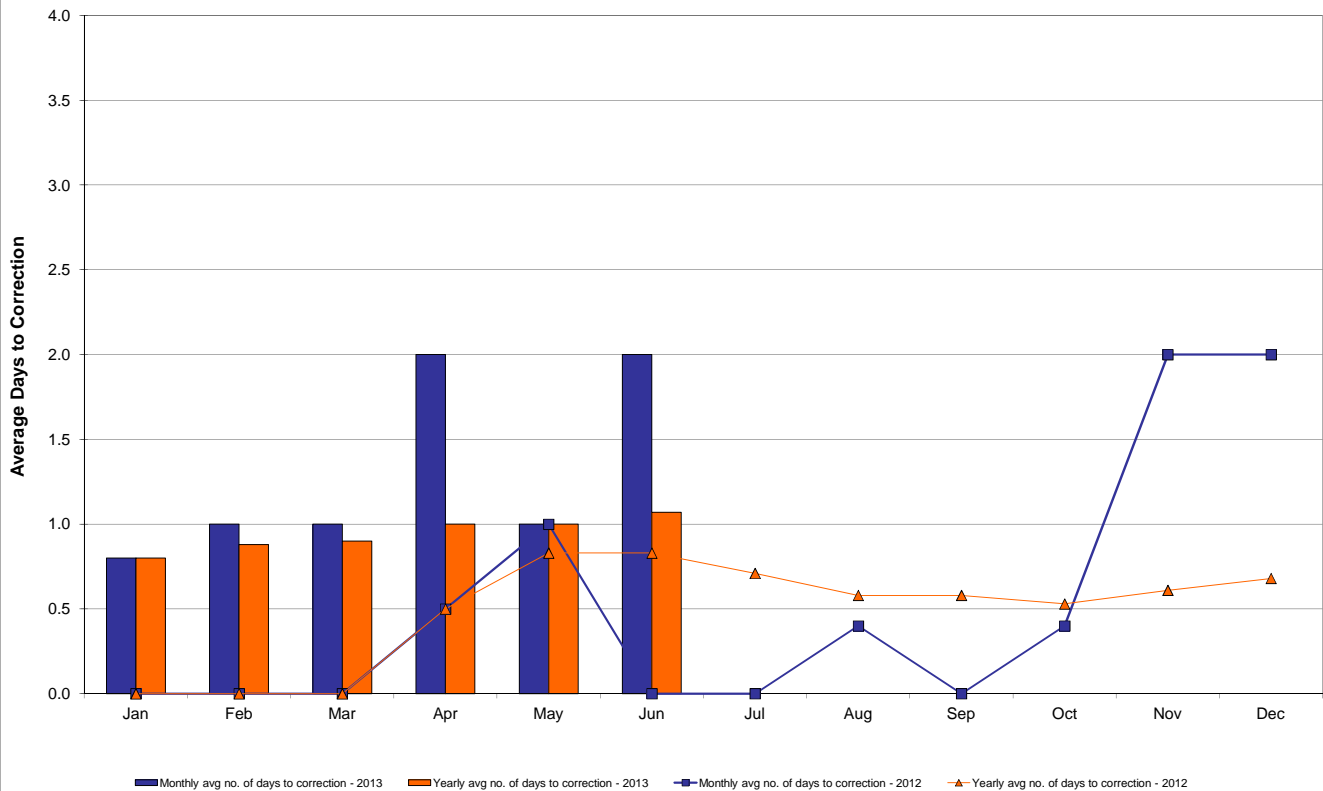
<b>2013</b>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Hour Corrections</u></b>													
Number of hours with corrections	in the month	6	3	2	1	4	3						
Number of hours	in the month	744	672	743	720	744	720						
% of hours with corrections	in the month	0.81%	0.45%	0.27%	0.14%	0.54%	0.42%						
% of hours with corrections	year-to-date	0.81%	0.64%	0.51%	0.42%	0.44%	0.44%						
<b><u>Interval Corrections</u></b>													
Number of intervals corrected	in the month	13	4	2	1	22	17						
Number of intervals	in the month	9,104	8,230	9,026	8,727	9,083	8,740						
% of intervals corrected	in the month	0.14%	0.05%	0.02%	0.01%	0.24%	0.19%						
% of intervals corrected	year-to-date	0.14%	0.10%	0.07%	0.06%	0.10%	0.11%						
<b><u>Hours Reserved</u></b>													
Number of hours reserved	in the month	21	3	4	4	7	4						
Number of hours	in the month	744	672	743	720	744	720						
% of hours reserved	in the month	2.82%	0.45%	0.54%	0.56%	0.94%	0.56%						
% of hours reserved	year-to-date	2.82%	1.69%	1.30%	1.11%	1.08%	0.99%						
<b><u>Days to Correction *</u></b>													
Avg. number of days to correction	in the month	0.80	1.00	1.00	2.00	1.00	2.00						
Avg. number of days to correction	year-to-date	0.80	0.88	0.90	1.00	1.00	1.07						
<b><u>Days Without Corrections</u></b>													
Days without corrections	in the month	26	25	29	29	28	29						
Days without corrections	year-to-date	26	51	80	109	137	166						
<b>2012</b>		<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>
<b><u>Hour Corrections</u></b>													
Number of hours with corrections	in the month	0	0	0	2	9	0	1	5	0	23	1	3
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744	721	744
% of hours with corrections	in the month	0.00%	0.00%	0.00%	0.28%	1.21%	0.00%	0.13%	0.67%	0.00%	3.09%	0.14%	0.40%
% of hours with corrections	year-to-date	0.00%	0.00%	0.00%	0.07%	0.30%	0.25%	0.23%	0.29%	0.26%	0.55%	0.51%	0.50%
<b><u>Interval Corrections</u></b>													
Number of intervals corrected	in the month	0	0	0	5	45	0	1	5	0	94	3	14
Number of intervals	in the month	9,025	8,399	8,977	8,716	9,013	8,786	9,100	9,044	8,724	8,987	8,856	9,036
% of intervals corrected	in the month	0.00%	0.00%	0.00%	0.06%	0.50%	0.00%	0.01%	0.06%	0.00%	1.05%	0.03%	0.15%
% of intervals corrected	year-to-date	0.00%	0.00%	0.00%	0.01%	0.11%	0.09%	0.08%	0.08%	0.07%	0.17%	0.16%	0.16%
<b><u>Hours Reserved</u></b>													
Number of hours reserved	in the month	0	0	0	2	19	0	4	7	0	29	2	5
Number of hours	in the month	744	696	743	720	744	720	744	744	720	744	721	744
% of hours reserved	in the month	0.00%	0.00%	0.00%	0.28%	2.55%	0.00%	0.54%	0.94%	0.00%	3.90%	0.28%	0.67%
% of hours reserved	year-to-date	0.00%	0.00%	0.00%	0.07%	0.58%	0.48%	0.49%	0.55%	0.49%	0.83%	0.78%	0.77%
<b><u>Days to Correction *</u></b>													
Avg. number of days to correction	in the month	0.00	0.00	0.00	0.50	1.00	0.00	0.00	0.40	0.00	0.40	2.00	2.00
Avg. number of days to correction	year-to-date	0.00	0.00	0.00	0.50	0.83	0.83	0.71	0.58	0.58	0.53	0.61	0.68
<b><u>Days Without Corrections</u></b>													
Days without corrections	in the month	31	29	31	28	27	30	30	26	30	27	29	30
Days without corrections	year-to-date	31	60	91	119	146	176	206	232	262	289	318	348

\* Calendar days from reservation date.

### Percentage of Real-Time Corrections

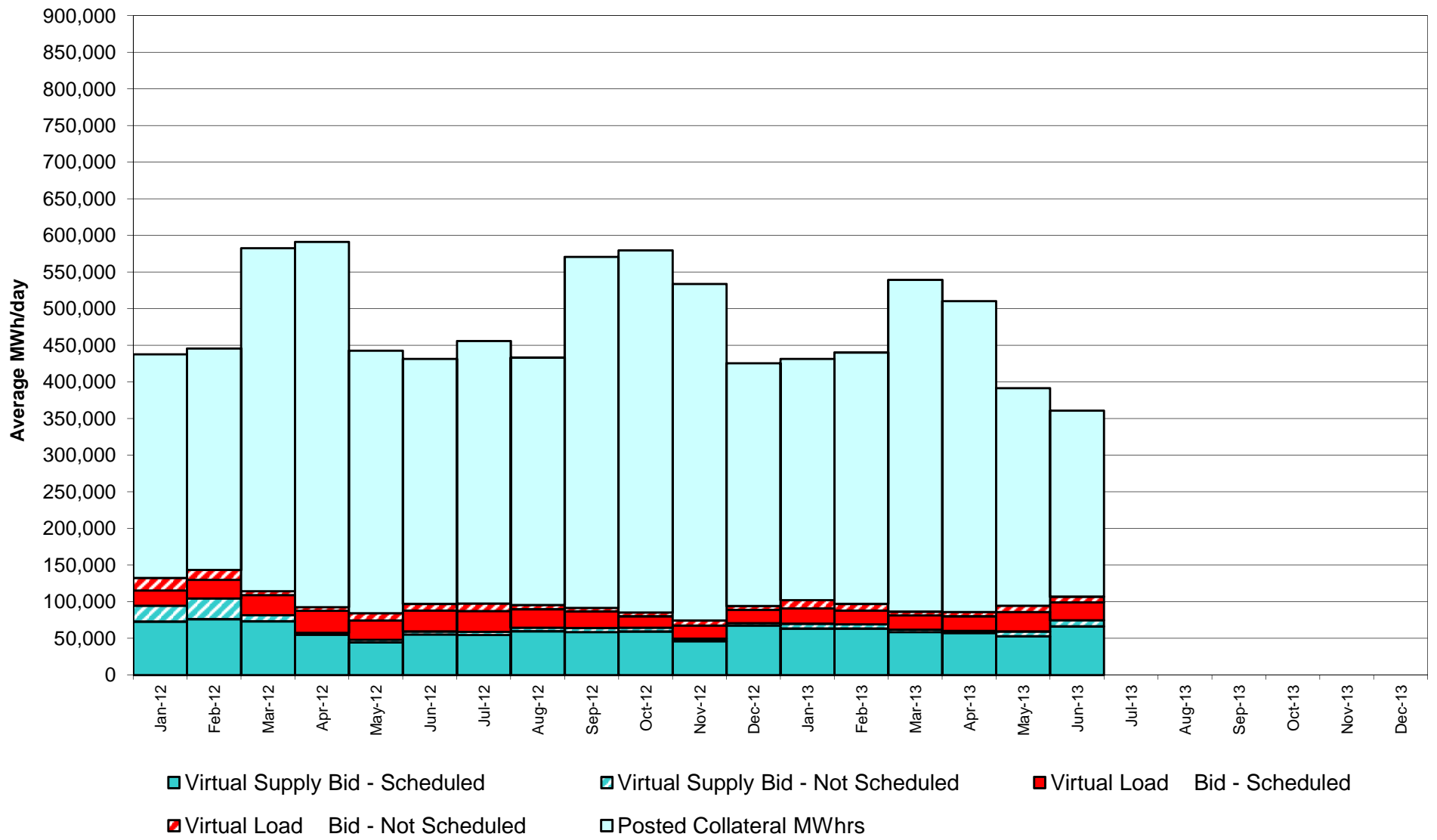


### Annual average time period for making Price Corrections (from reservation date) \*

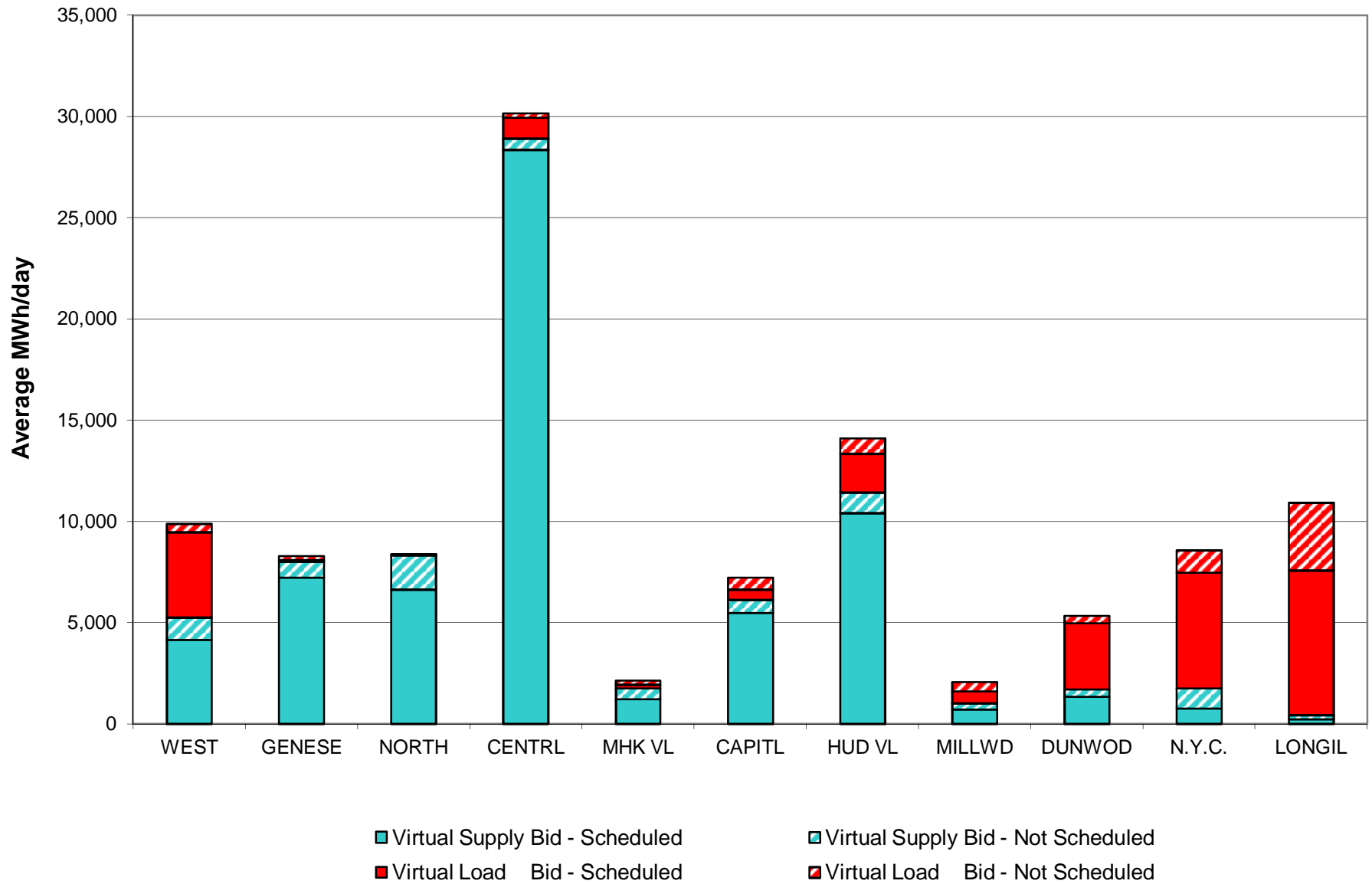


\* Calendar days from reservation date.

# **NYISO Virtual Trading Average MWh per day**



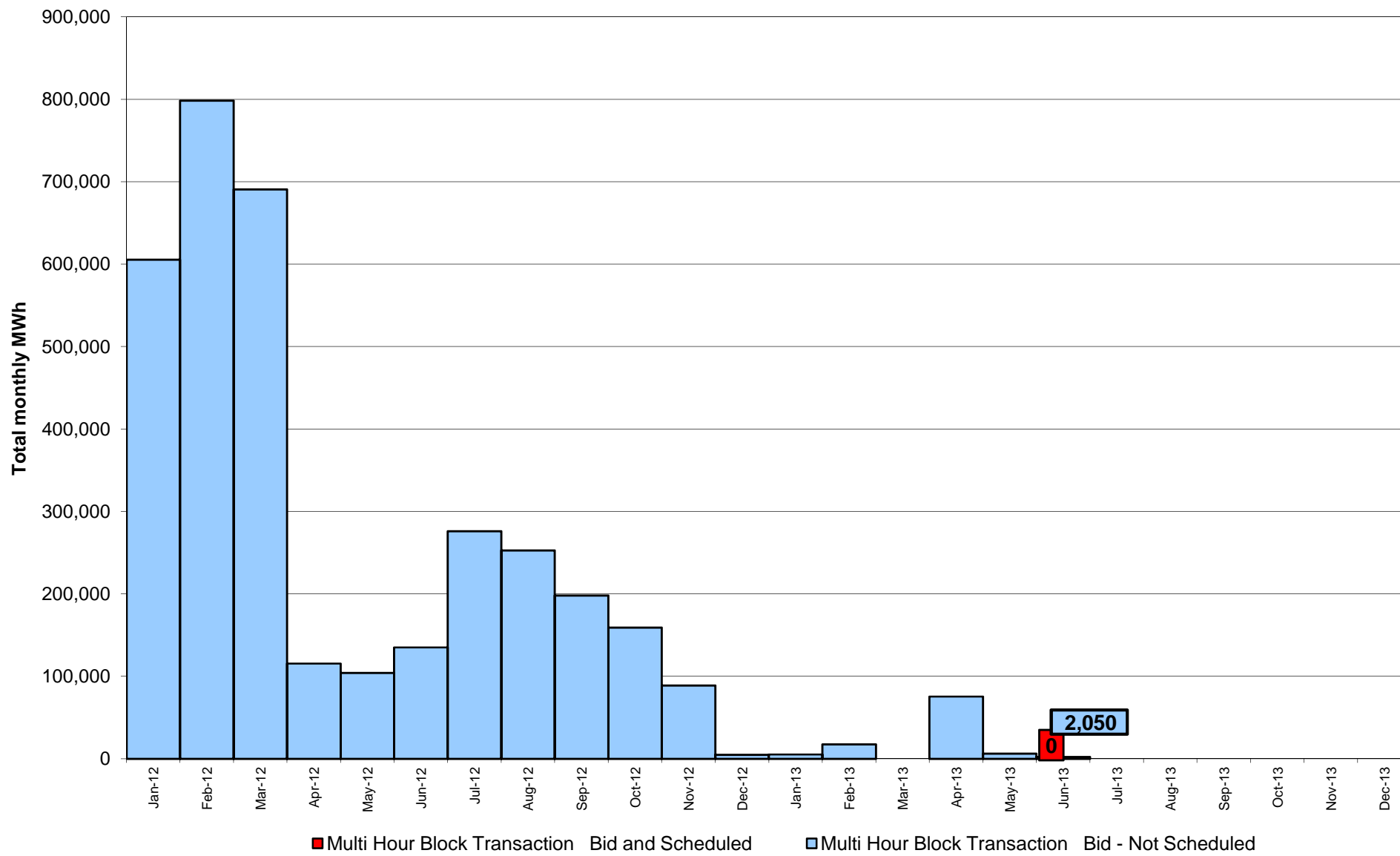
# Virtual Load and Supply Zonal Statistics through June 30, 2013



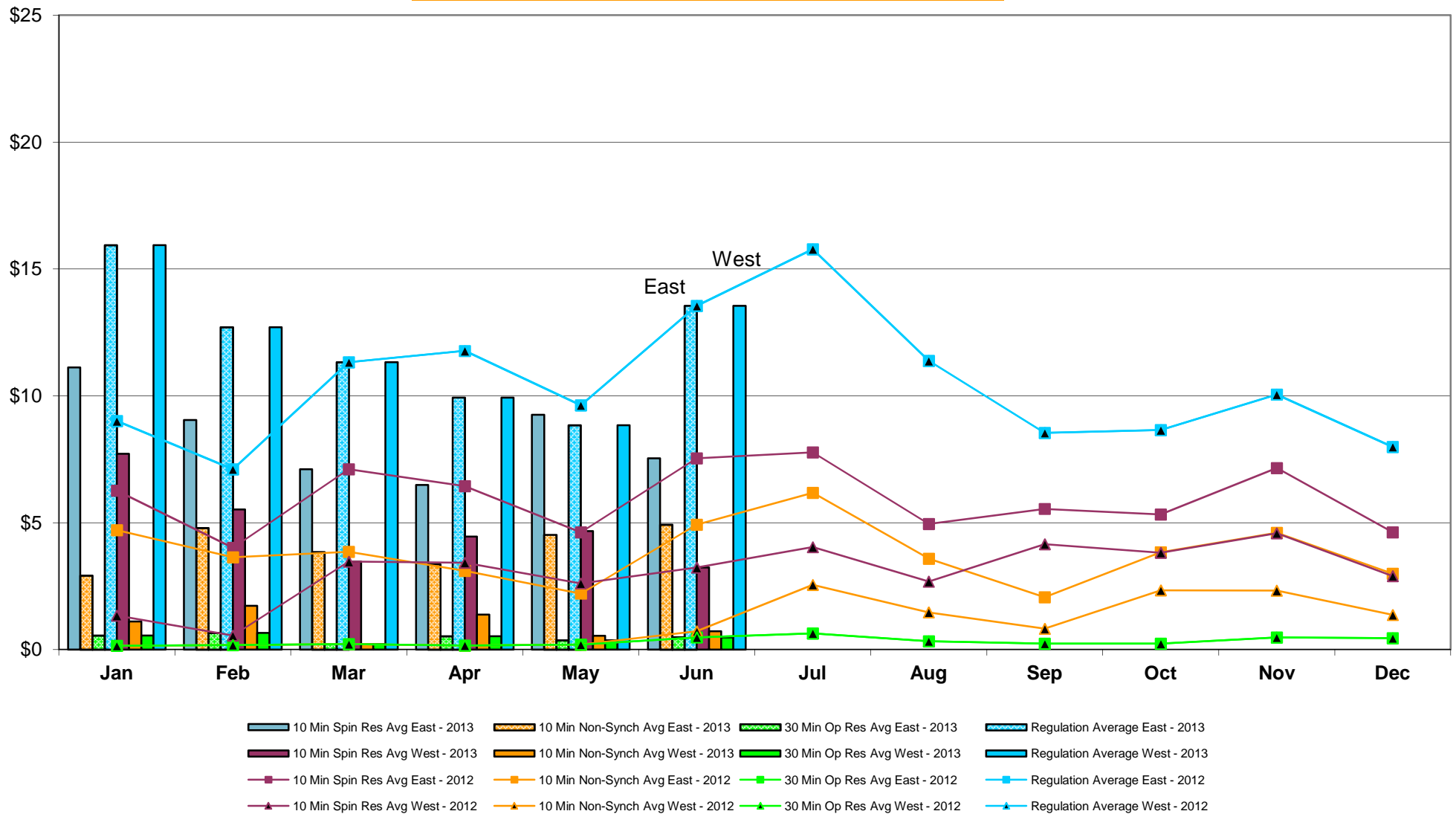
## Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2013

		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-13	5,393	880	4,402	409	MHK VL	Jan-13	617	477	695	273	DUNWOD	Jan-13	410	859	1,682	491
	Feb-13	3,366	263	3,940	151		Feb-13	480	324	370	72		Feb-13	448	294	2,570	1,216
	Mar-13	3,221	70	4,824	401		Mar-13	733	72	455	32		Mar-13	698	249	1,630	270
	Apr-13	3,771	549	3,702	236		Apr-13	250	25	740	56		Apr-13	394	621	2,361	242
	May-13	6,533	717	2,963	415		May-13	398	150	1,140	198		May-13	2,255	600	1,359	258
	Jun-13	4,209	425	4,163	1,085		Jun-13	196	193	1,227	523		Jun-13	3,272	336	1,362	354
	Jul-13						Jul-13						Jul-13				
	Aug-13						Aug-13						Aug-13				
	Sep-13						Sep-13						Sep-13				
	Oct-13						Oct-13						Oct-13				
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				
GENESE	Jan-13	184	207	5,822	492	CAPITL	Jan-13	2,053	1,313	3,977	1,088	N.Y.C.	Jan-13	3,192	2,206	1,171	414
	Feb-13	238	60	5,305	266		Feb-13	1,175	1,148	5,323	585		Feb-13	3,964	2,187	689	450
	Mar-13	636	24	5,867	24		Mar-13	1,945	452	4,418	604		Mar-13	2,474	688	623	45
	Apr-13	538	26	6,978	153		Apr-13	1,573	981	3,063	585		Apr-13	5,374	558	545	24
	May-13	440	195	7,639	274		May-13	1,254	624	2,254	660		May-13	5,443	753	394	40
	Jun-13	89	194	7,213	801		Jun-13	509	602	5,483	638		Jun-13	5,732	1,097	755	999
	Jul-13						Jul-13						Jul-13				
	Aug-13						Aug-13						Aug-13				
	Sep-13						Sep-13						Sep-13				
	Oct-13						Oct-13						Oct-13				
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				
NORTH	Jan-13	206	115	6,458	997	HUD VL	Jan-13	849	1,042	9,608	971	LONGIL	Jan-13	7,420	3,530	419	882
	Feb-13	376	72	5,234	969		Feb-13	1,353	684	10,729	819		Feb-13	6,410	3,439	442	682
	Mar-13	121	46	6,582	709		Mar-13	835	824	4,831	783		Mar-13	7,422	1,814	579	135
	Apr-13	23	6	7,827	510		Apr-13	1,724	621	7,958	709		Apr-13	5,474	1,674	340	82
	May-13	91	59	8,434	735		May-13	3,226	1,375	7,847	932		May-13	5,758	3,582	257	210
	Jun-13	55	34	6,624	1,688		Jun-13	1,912	777	10,419	1,006		Jun-13	7,152	3,355	227	201
	Jul-13						Jul-13						Jul-13				
	Aug-13						Aug-13						Aug-13				
	Sep-13						Sep-13						Sep-13				
	Oct-13						Oct-13						Oct-13				
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				
CENTRL	Jan-13	436	244	28,385	349	MILLWD	Jan-13	173	162	894	214	NYISO	Jan-13	20,932	11,035	63,512	6,579
	Feb-13	794	499	27,674	231		Feb-13	197	250	1,250	184		Feb-13	18,802	9,219	63,526	5,626
	Mar-13	1,054	430	27,791	13		Mar-13	543	278	1,028	211		Mar-13	19,682	4,947	58,627	3,227
	Apr-13	798	861	22,488	112		Apr-13	233	100	1,147	183		Apr-13	20,151	6,021	57,149	2,892
	May-13	516	226	19,878	2,645		May-13	818	290	572	152		May-13	26,733	8,572	52,738	6,520
	Jun-13	1,015	229	28,370	554		Jun-13	603	452	715	301		Jun-13	24,743	7,693	66,557	8,150
	Jul-13						Jul-13						Jul-13				
	Aug-13						Aug-13						Aug-13				
	Sep-13						Sep-13						Sep-13				
	Oct-13						Oct-13						Oct-13				
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				

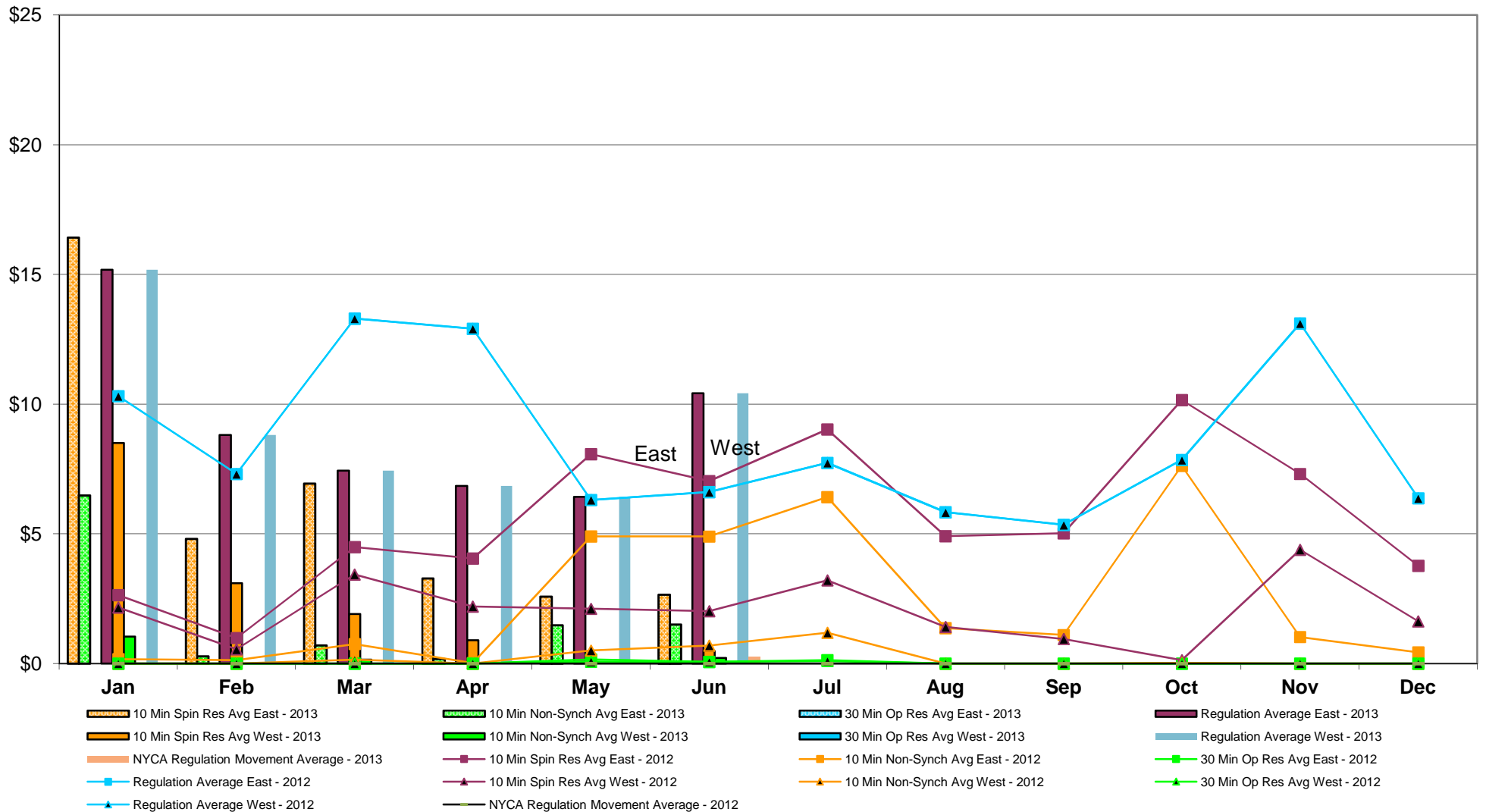
## NYISO Multi Hour Block Transactions Monthly Total MWh



# **NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2012 - 2013**

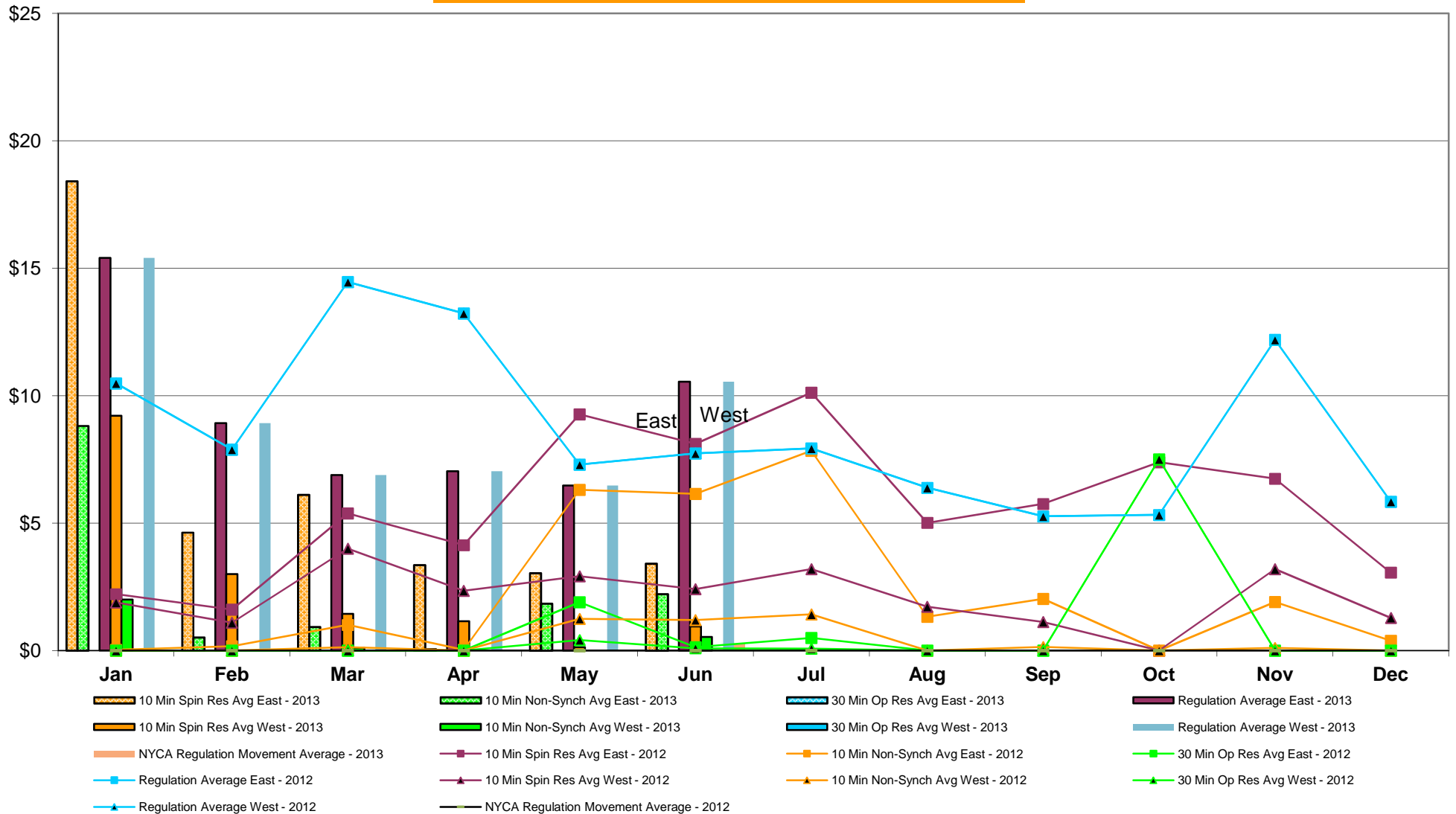


# **NYISO Monthly Average Ancillary Service Prices RTC Market 2012 - 2013**





# **NYISO Monthly Average Ancillary Service Prices Real Time Market 2012 - 2013**

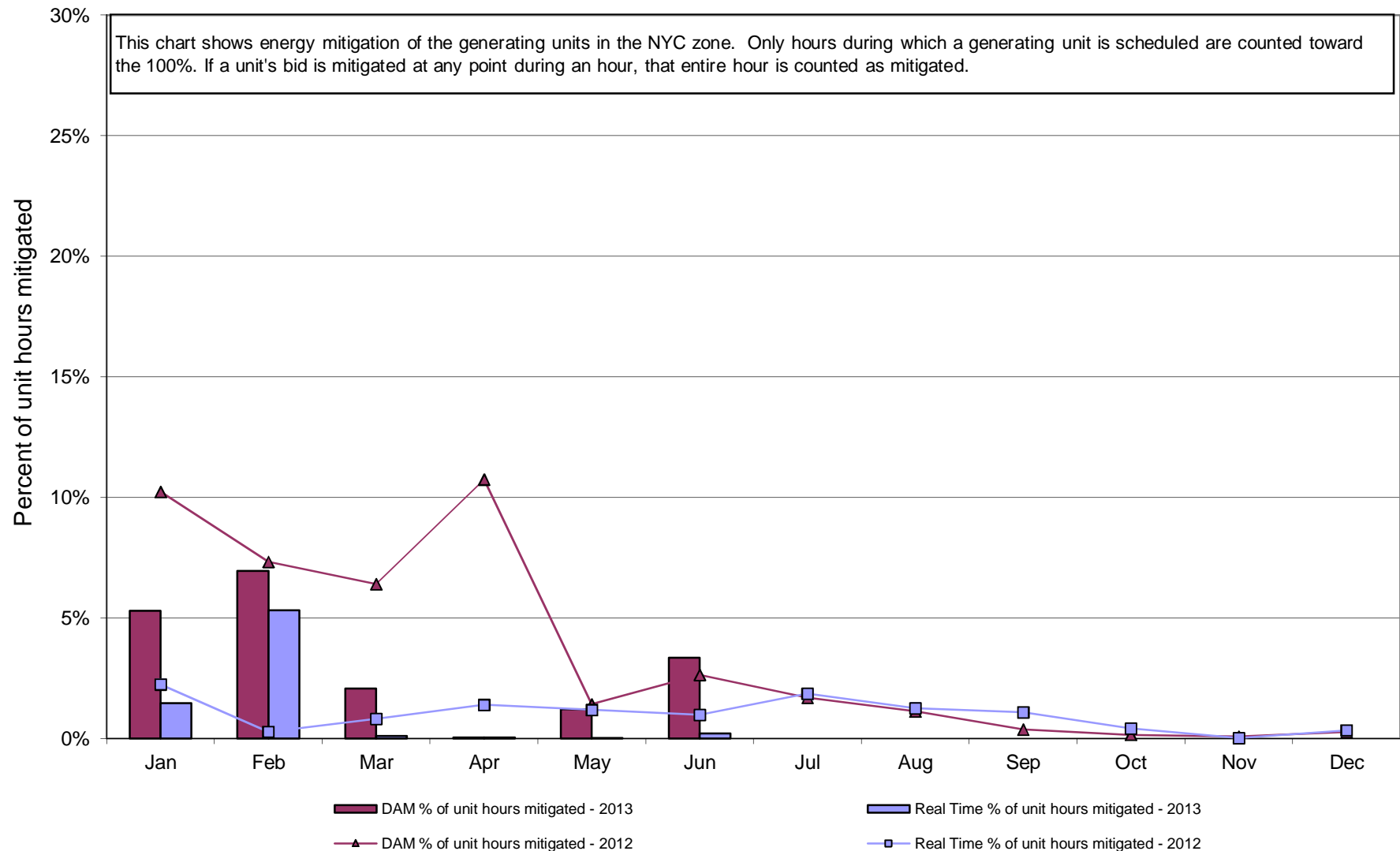


# NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

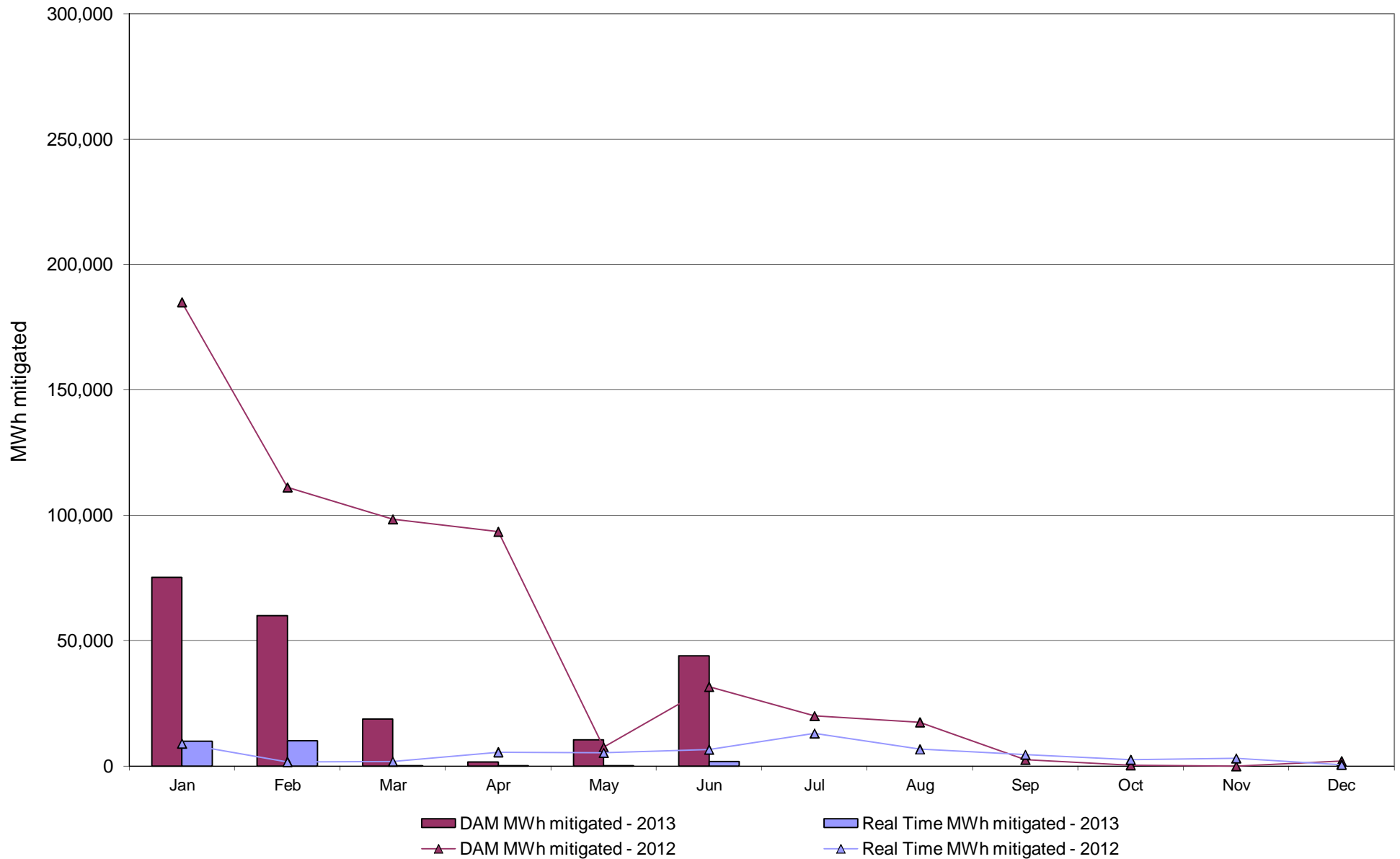
<u>2013</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Day Ahead Market</u></b>												
10 Min Spin East	11.12	9.05	8.73	6.49	9.25	7.59						
10 Min Spin West	7.72	5.53	4.34	4.46	4.67	4.46						
10 Min Non Synch East	2.91	4.79	4.36	3.36	4.52	3.73						
10 Min Non Synch West	1.11	1.73	0.84	1.38	0.55	0.88						
30 Min East	0.56	0.65	0.56	0.53	0.36	0.40						
30 Min West	0.56	0.65	0.56	0.53	0.36	0.40						
Regulation East	15.94	12.70	9.21	9.93	8.84	11.07						
Regulation West	15.94	12.70	9.21	9.93	8.84	11.07						
<b><u>RTC Market</u></b>												
10 Min Spin East	16.42	4.81	6.94	3.28	2.59	2.65						
10 Min Spin West	8.50	3.10	1.90	0.90	0.05	0.48						
10 Min Non Synch East	6.48	0.28	0.70	0.18	1.48	1.50						
10 Min Non Synch West	1.04	0.00	0.15	0.00	0.00	0.22						
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00						
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00						
Regulation East	15.18	8.81	7.43	6.84	6.42	10.42						
Regulation West	15.18	8.81	7.43	6.84	6.42	10.42						
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.27						
<b><u>Real Time Market</u></b>												
10 Min Spin East	18.42	4.63	6.12	3.35	3.03	3.41						
10 Min Spin West	9.22	3.00	1.44	1.15	0.13	0.94						
10 Min Non Synch East	8.81	0.52	0.93	0.06	1.84	2.22						
10 Min Non Synch West	2.00	0.00	0.10	0.00	0.00	0.53						
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00						
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00						
Regulation East	15.40	8.92	6.89	7.03	6.48	10.55						
Regulation West	15.40	8.92	6.89	7.03	6.48	10.55						
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.27						
<u>2012</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>	<u>November</u>	<u>December</u>
<b><u>Day Ahead Market</u></b>												
10 Min Spin East	6.26	4.01	7.11	6.44	4.62	7.54	7.77	4.95	5.55	5.32	7.15	4.62
10 Min Spin West	1.34	0.56	3.46	3.43	2.61	3.23	4.04	2.68	4.16	3.82	4.58	2.90
10 Min Non Synch East	4.71	3.64	3.85	3.11	2.21	4.92	6.18	3.58	2.07	3.84	4.60	2.99
10 Min Non Synch West	0.15	0.18	0.22	0.16	0.20	0.72	2.55	1.47	0.82	2.34	2.32	1.37
30 Min East	0.15	0.18	0.22	0.16	0.20	0.48	0.64	0.33	0.23	0.23	0.48	0.45
30 Min West	0.15	0.18	0.22	0.16	0.20	0.48	0.64	0.33	0.23	0.23	0.48	0.45
Regulation East	9.01	7.11	11.33	11.77	9.63	13.55	15.78	11.38	8.54	8.65	10.05	7.99
Regulation West	9.01	7.11	11.33	11.77	9.63	13.55	15.78	11.38	8.54	8.65	10.05	7.99
<b><u>RTC Market</u></b>												
10 Min Spin East	2.64	0.99	4.49	4.05	8.07	7.03	9.02	4.91	5.02	10.16	7.31	3.77
10 Min Spin West	2.16	0.55	3.43	2.20	2.11	2.02	3.21	1.41	0.95	0.13	4.39	1.63
10 Min Non Synch East	0.17	0.13	0.75	0.02	4.90	4.90	6.42	1.36	1.10	7.62	1.02	0.43
10 Min Non Synch West	0.00	0.00	0.15	0.00	0.50	0.69	1.19	0.00	0.00	0.03	0.00	0.00
30 Min East	0.00	0.00	0.00	0.00	0.16	0.07	0.13	0.00	0.00	0.00	0.00	0.00
30 Min West	0.00	0.00	0.00	0.00	0.07	0.07	0.10	0.00	0.00	0.00	0.00	0.00
Regulation East	10.31	7.31	13.30	12.91	6.31	6.61	7.74	5.83	5.35	7.85	13.11	6.38
Regulation West	10.31	7.31	13.30	12.91	6.31	6.61	7.74	5.83	5.35	7.85	13.11	6.38
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b><u>Real Time Market</u></b>												
10 Min Spin East	2.21	1.61	5.38	4.14	9.27	8.11	10.12	5.01	5.75	9.93	6.74	3.06
10 Min Spin West	1.89	1.09	4.00	2.34	2.92	2.41	3.20	1.72	1.13	0.28	3.19	1.28
10 Min Non Synch East	0.03	0.17	1.01	0.03	6.31	6.15	7.84	1.33	2.03	7.39	1.91	0.39
10 Min Non Synch West	0.00	0.00	0.13	0.00	1.24	1.20	1.42	0.00	0.14	0.00	0.10	0.00
30 Min East	0.00	0.00	0.00	0.00	1.90	0.13	0.49	0.00	0.00	0.00	0.00	0.00
30 Min West	0.00	0.00	0.00	0.00	0.41	0.09	0.08	0.00	0.00	0.00	0.00	0.00
Regulation East	10.49	7.89	14.46	13.23	7.30	7.74	7.93	6.39	5.27	7.50	12.20	5.84
Regulation West	10.49	7.89	14.46	13.23	7.30	7.74	7.93	6.39	5.27	7.50	12.20	5.84
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## NYISO In City Energy Mitigation - AMP (NYC Zone) 2012 - 2013

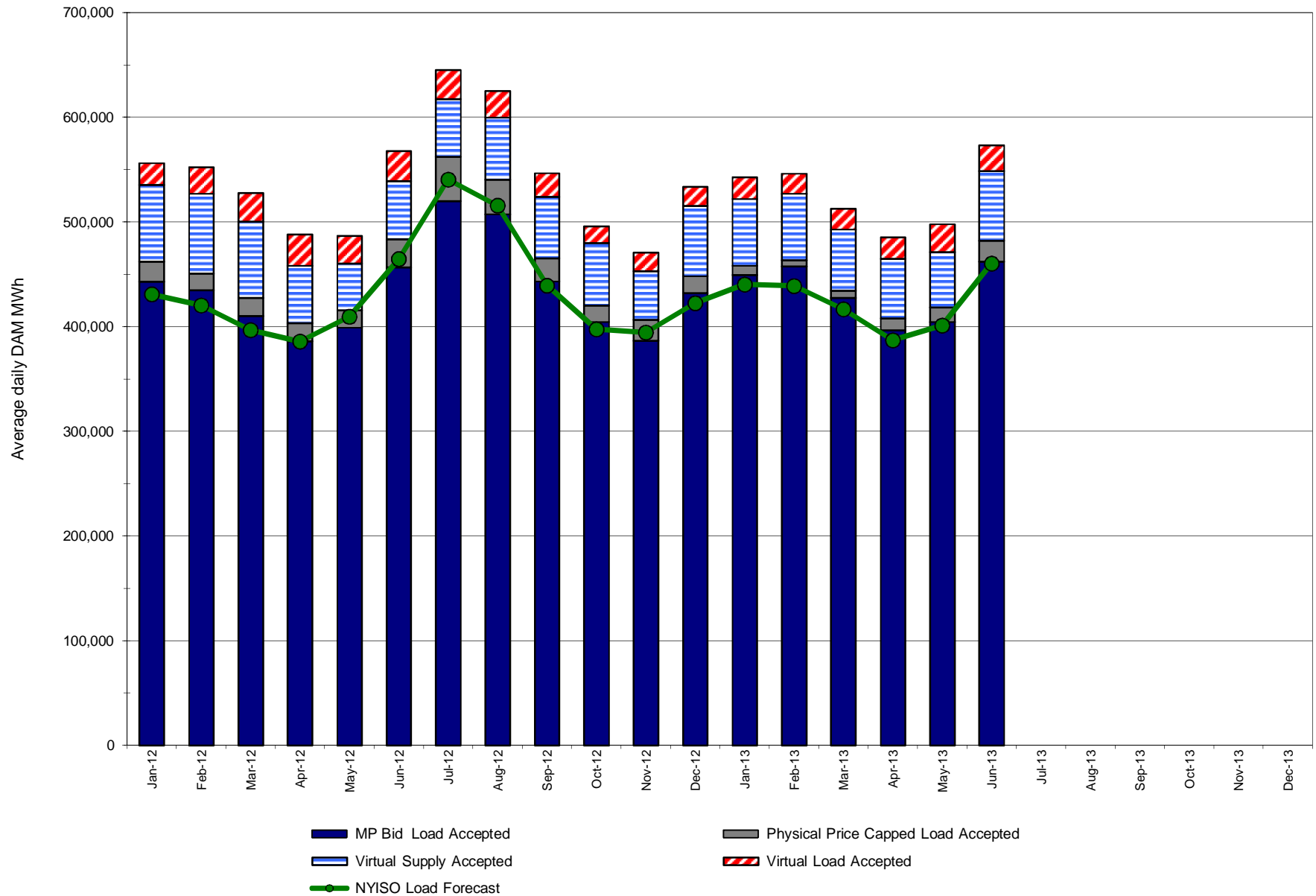
### Percentage of committed unit-hours mitigated



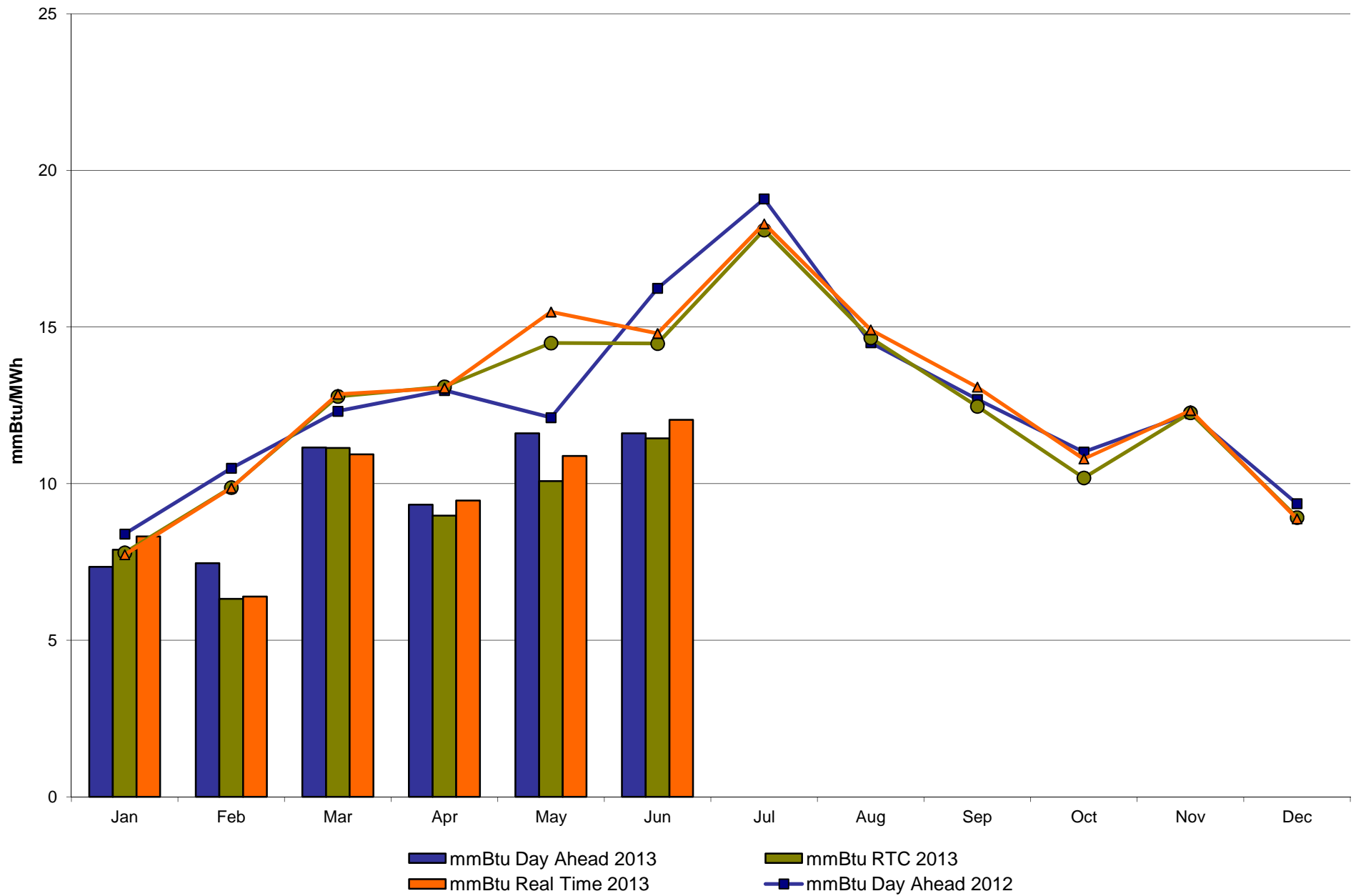
**NYISO In City Energy Mitigation (NYC Zone) 2012 - 2013**  
**Monthly megawatt hours mitigated**



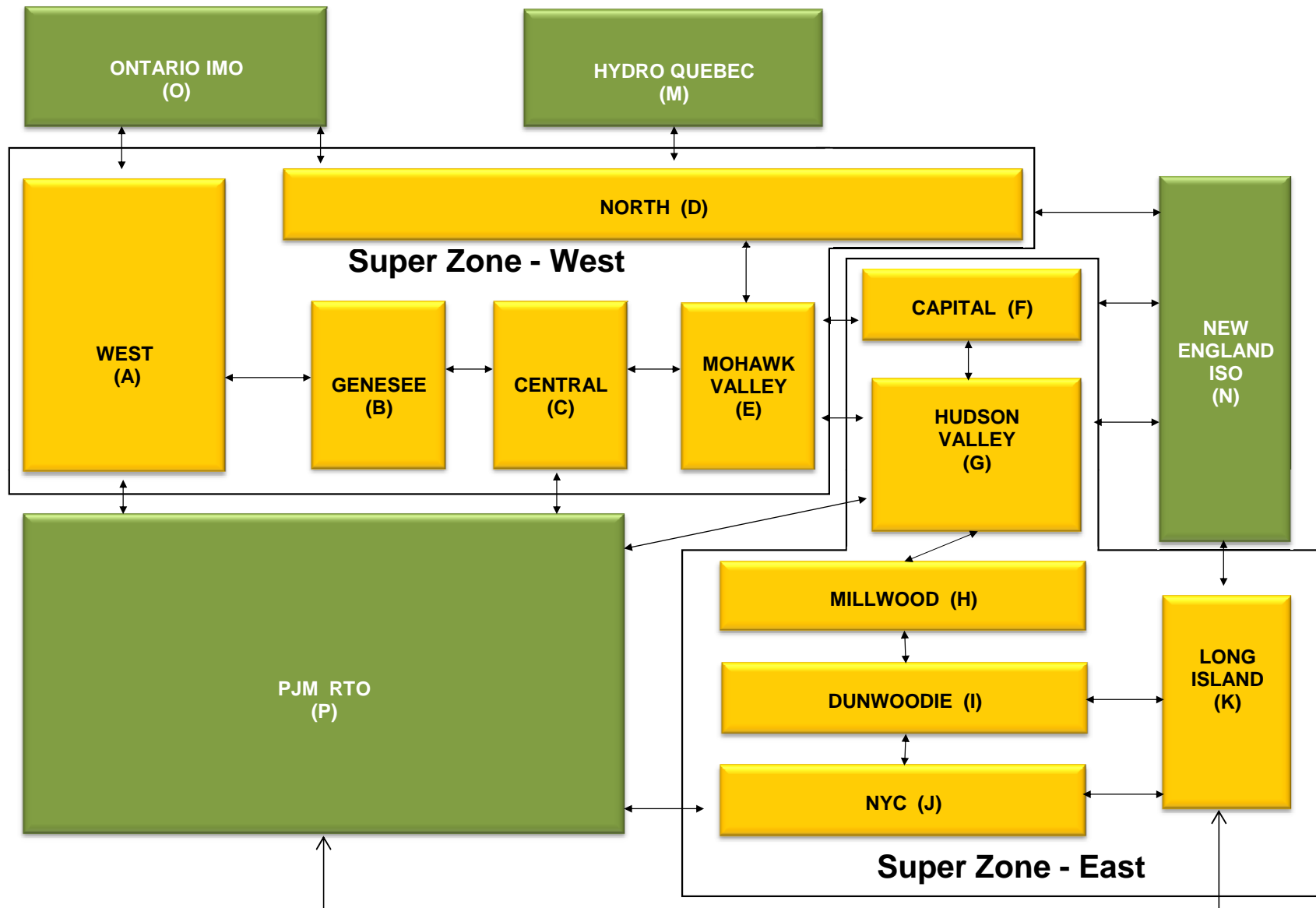
# NYISO Average Daily DAM Load Bid Summary



# Monthly Implied Heat Rate 2012-2013



# NYISO LBMP ZONES

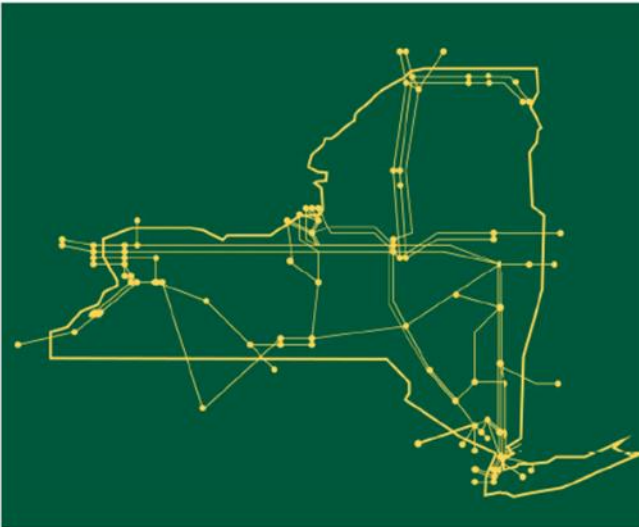


**Billing Codes for Chart 4-C**

<b>Chart - C Category Name</b>	<b>Billing Code</b>	<b>Billing Category Name</b>
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.



*[www.nyiso.com](http://www.nyiso.com)*

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

### Upcoming Compliance Filings

<b>Filing Due Date</b>	<b>Upcoming Compliance Filings (Description)</b>	<b>Docket Number</b>
8/14/2013	NYISO compliance with Order No. 745 re: demand response compensation in organized wholesale energy markets	ER11-4338-000
8/16/2013	NYISO compliance with Order No. 1000 re: regional transmission planning process Note: NYISO has filed for an extension to this compliance deadline	ER13-102-000
9/30/2013	NYISO compliance filing re: removal of MST Attachment M-1 or replacement with reference to Schedule C to OATT Attachment CC, as appropriate	D.C. Cir. Dkt. 11-1201 (6/14/13 denial of NRG appeal of FERC's approval of the Con Ed wheel settlement
10/4/2013	NYISO compliance report re: buyer-side mitigation rules in a new capacity zone	ER13-360-001

### Recently Issued Orders

<b>Filing Date</b>	<b>Filing Summary (Order issued)</b>	<b>Docket Number</b>	<b>Order Date</b>	<b>Order Summary</b>
6/29/2012	NYISO compliance filing re: market mitigation measures for New Capacity Zones	ER12-360-000, ER12-360-001	6/6/2013	FERC order accepting tariff revisions subject to compliance within 30 days of this order
7/27/2012	NYISO/NYPA joint 205 filing re: application to increase NYPA's annual transmission revenue requirement used to develop the Transmission Service Charge ("TSC") and a request to approve certain OATT ministerial revisions, grant certain waivers, and exempt it from FERC's filing fees	ER12-2317-000	6/14/2013	On 6/12/13, a FERC Settlement Judge certified an uncontested settlement to the Commission, and on 6/14/13 issued an order terminating settlement judge procedures in this proceeding
3/29/2013	NYISO 205 filing re: revisions to better align the credit requirements for external transactions with market risk in the NYCA	ER13-1199-000	6/11/2013	FERC order accepting revisions to be effective 6/12/13, or on such later date as indicated in a notice filed by NYISO by 6/12/13
4/30/2013	NYISO 205 filing of MST and OATT revisions re: establishment of a New Capacity Zone combined with a triennial NCZ Study	ER13-1380-000	6/6/2013	FERC deficiency letter requiring NYISO to submit additional information within 14 days
5/1/2013	NYISO/National Grid joint 205 filing of a Large Generator Interconnection Agreement No. 1952 among NYISO, NiMo and Erie Boulevard Hydropower, LP	ER13-1390-000	6/14/2013	FERC letter order accepting filing effective 4/17/2013, as requested

2/8/2013, 5/9/2013	NYISO 205 filing of MST revisions re: modification of the calculation of the LBMP during periods of scarcity when NYISO has called MPs participating in demand response programs to reduce their loads to manage reliability issues	ER13-909-000, ER13-909-001	7/8/2013	FERC order accepting scarcity pricing tariff revisions effective 7/8/13, as requested
5/20/2013	NYISO compliance filing re: interface pricing and the adoption of certain revised NAESB standards	ER13-780-003, RM05-5-020	6/25/2013	FERC letter order accepting interface pricing revisions (effective 7/22/13) and NAESB business practice standards (effective 5/6/13)
6/4/2013	NYISO and NYTO joint filing of an answer and request for rehearing/clarification re: Order No. 1000 cost allocation issue	ER13-102-000	6/14/2013	FERC letter order granting NYISO/NYTO request for clarification and rehearing
6/6/2013	NYISO filing of a request for a 60-day extension of time to file a compliance filing re: Order No. 745 directives	ER11-4338-000	6/13/2013	FERC notice granting NYISO's request for extension up to and including 8/14/13
6/12/2013	NYISO filing of a notice of an effective date delay re: tariff revisions to establish a distinct credit requirement for external transactions	ER13-1199-001	6/11/2013	FERC order accepting provisions to align credit requirements for external transactions with the associated market risk to be effective 6/12/13, or such later date as indicated in a notice filed by NYISO by 6/12/13, as requested

## Recently Submitted Filings

<b>Filing Date</b>	<b>Filing Summary</b>	<b>Docket Number</b>
6/3/2013	NYISO filing of semi-annual compliance reports re: demand response programs and new generation projects No order to be issued	ER01-3001-000 ER03-647-000
6/3/2013	ISO/RTO Council filing of comments in response to FERC's NOPR on Small Generation Interconnection Procedures	RM13-2-000
6/5/2013	NYISO filing of an answer to comments and protests regarding its proposed tariff revisions to establish and recognize a new capacity zone	ER13-1380-000
6/6/2013	NYISO answer opposing a third party motion to lodge one slide from the FERC Office of Enforcement's 2012 State of the Markets Report in the evidentiary record in this PARS-related proceeding	ER11-1844-002
6/11/2013	NYISO refiling of Order No. 755 regulation service tariff revisions to establish an effective date of June 26, 2013	ER12-1653-002
6/12/2013	NYISO filing of a response to FERC's request for additional information concerning proposed tariff revisions to establish and recognize a new capacity zone	ER13-1380-000
6/12/2013	NYISO filing of an answer in response to third party comments re: NYISO response to FERC request for further information re: proposed tariff revisions concerning ancillary service price calculations during periods of scarcity	ER13-909-000
6/13/2013	NYISO 205 filing re: enhancing agency data sharing and market participant eligibility criteria consistent with CFTC exemptive order	ER13-1683-000

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6/13/2013	NYISO and PJM joint 205 filing re: revisions to the Joint Operating Agreement concerning the Market-to-Market ("M2M") coordination process and M2M Settlements	ER13-1684-000
6/14/2013	NYISO filing of an amendment to its 6/12/13 response to FERC's 6/6/13 letter requesting additional information concerning proposed tariff revisions to establish and recognize a new capacity zone	ER13-1380-002
6/14/2013	NYISO filing of a limited answer in response to third party comments concerning assertions that go beyond the IPPNY Complaint's arguments concerning alleged "artificial price suppression"	EL13-62-000
6/17/2013	NYISO filing of a request for rehearing of FERC's May 16, 2013 Order on NYISO's Order No. 745 compliance filing	ER11-4338-000
6/18/2013	NYISO petition to the NYPSC re: report of construction loan costs and expenses for authorization to incur indebtedness for a term in excess of 12 months – No PSC order to be issued.	Case 12-E-0168
6/19/2013	NYISO compliance filing re: revised definition of the term Locality	ER12-360-003
6/21/2013	NYISO errata filing re: 1/22/13 frequency regulation filing related to Order No. 755	ER12-1654-004
6/24/2013	NYISO filing of an answer to third party comments filed in response to the NYISO's June 12 filing of a response to a request for additional information concerning proposed tariff revisions to establish and recognize a new capacity zone	ER13-1380-001
6/24/2013	ISO/RTO Council filing in response to the FERC NOPR re: proposed approval of NERC Critical Infrastructure Protection Reliability Standards, CIP-002-5 through CIP-011-1	RM13-5-000
6/28/2013	NYISO filing of responses to follow-up questions posed by FERC re: natural gas-electric market coordination	AD12-12-000
6/28/2013	NYISO informational filing of the Con Ed System Restoration Plan (CEII filing)	ER12-2568-000
7/2/2013	NYISO answer to a third party request for rehearing of FERC's 5/16/13 order re: participation of behind-the-meter generation as demand side resources	ER11-4338-001
7/8/2013	NYISO joint filing of an amended and restated LGIA between NYISO, NYPA and Marble River	ER13-1905-000
7/8/2013	ISO/RTO Council filing of comments in response to the FERC NOPR re: ERO interpretation of specific requirements of the disturbance control performance reliability standard	RM13-6-000
7/8/2013	NYISO filing of additional compliance filing revisions to implement both buyer-side and supplier-side mitigation measures for new capacity zones	ER12-360-004
7/8/2013	NYISO filing of an answer to a third party complaint v NYISO re: treatment of demand response facilitated by behind-the-meter generation	EL13-74-000
7/10/2013	NYISO/NYTOs joint interregional (i.e., PJM, ISO-NE and NYISO) compliance filing re: Order No. 1000 directives	ER13-1946-000
7/10/2013	NYISO filing of a designation of filing party designating ISO-NE as the filing party for the Northeastern ISO/RTO Planning Coordination Protocol	ER13-1957-000
7/17/2013	NYISO/NYTOs joint request for an extension of time re: Order No. 1000 compliance filing	ER13-102-000
7/17/2013	NYISO filing of an answer re: two third party answers to NYISO's request for rehearing concerning Order No. 745 on demand response compensation	ER11-4338-001

7/22/2013	NYISO filing of comments to NERC, on behalf of the ISO/RTO Council, re: NERC's role as the Electricity Sector Information Sharing and Analysis Center	No docket no.
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