

# 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**

*November 27, 2013*

*Rensselaer, NY*

# **NYISO CEO/COO Report**

## **CEO Report**

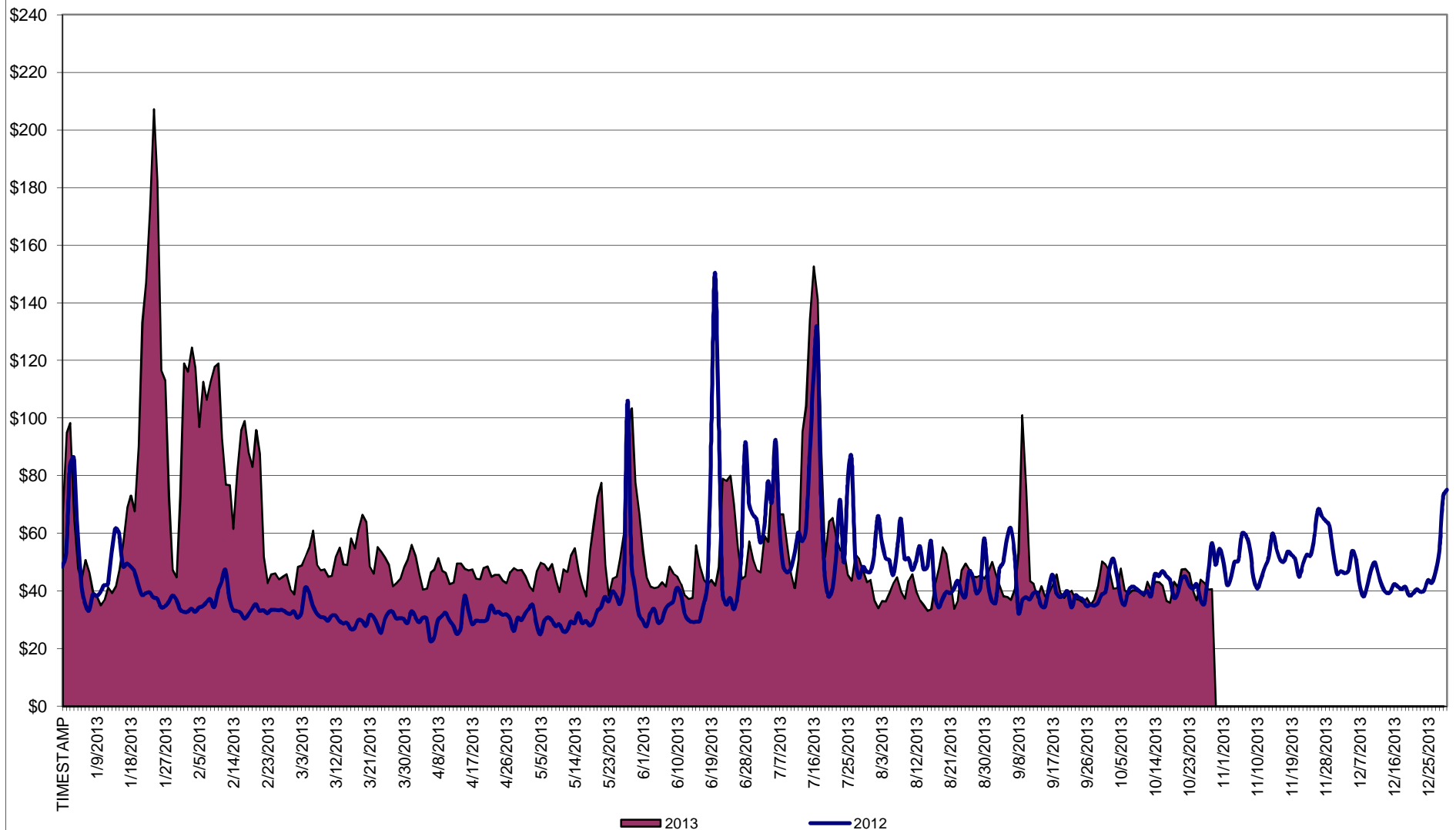
## **COO Report**

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

# Market Performance Highlights for October 2013

- **LBMP for October is \$39.83/MWh; lower than \$44.22/MWh in September and higher than \$39.30/MWh in October 2012.**
  - Day Ahead and Real Time Load Weighted LBMPs are lower compared to September.
- **October 2013 average year-to-date monthly cost of \$59.20/MWh is an increase from \$44.33/MWh in October 2012.**
- **Average daily sendout is 407 GWh/day in October; lower than 438 GWh/day in September 2013 and higher than 398 GWh/day in October 2012.**
- **Natural gas prices and distillate prices were lower compared to the previous month.**
  - Natural Gas (Transco Z6 NY) was \$3.63/MMBtu, down from \$3.71/MMBtu in September.
  - Jet Kerosene Gulf Coast was \$21.33/MMBtu, down from \$21.84/MMBtu in September.
  - Ultra Low Sulfur No.2 Diesel NY Harbor was \$21.38/MMBtu, down from \$21.85/MMBtu in September.
- **Uplift per MWh is higher compared to the previous month.**
  - Uplift (not including NYISO cost of operations) is \$0.16/MWh; higher than (\$0.14)/MWh in September.
    - The Local Reliability Share is \$0.38/MWh, higher than \$0.23 in September.
    - The Statewide Share is (\$0.21)/MWh, higher than (\$0.36)/MWh in September.
  - TSA \$ per NYC MWh is \$0.01/MWh.
  - Total uplift costs (Schedule 1 components including NYISO Cost of Operations) are higher than September.

**Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\***  
 2012 Annual Average \$45.28/MWh  
 October 2012 YTD Average \$44.33/MWh  
 October 2013 YTD Average \$59.20/MWh



\* Excludes ICAP payments.

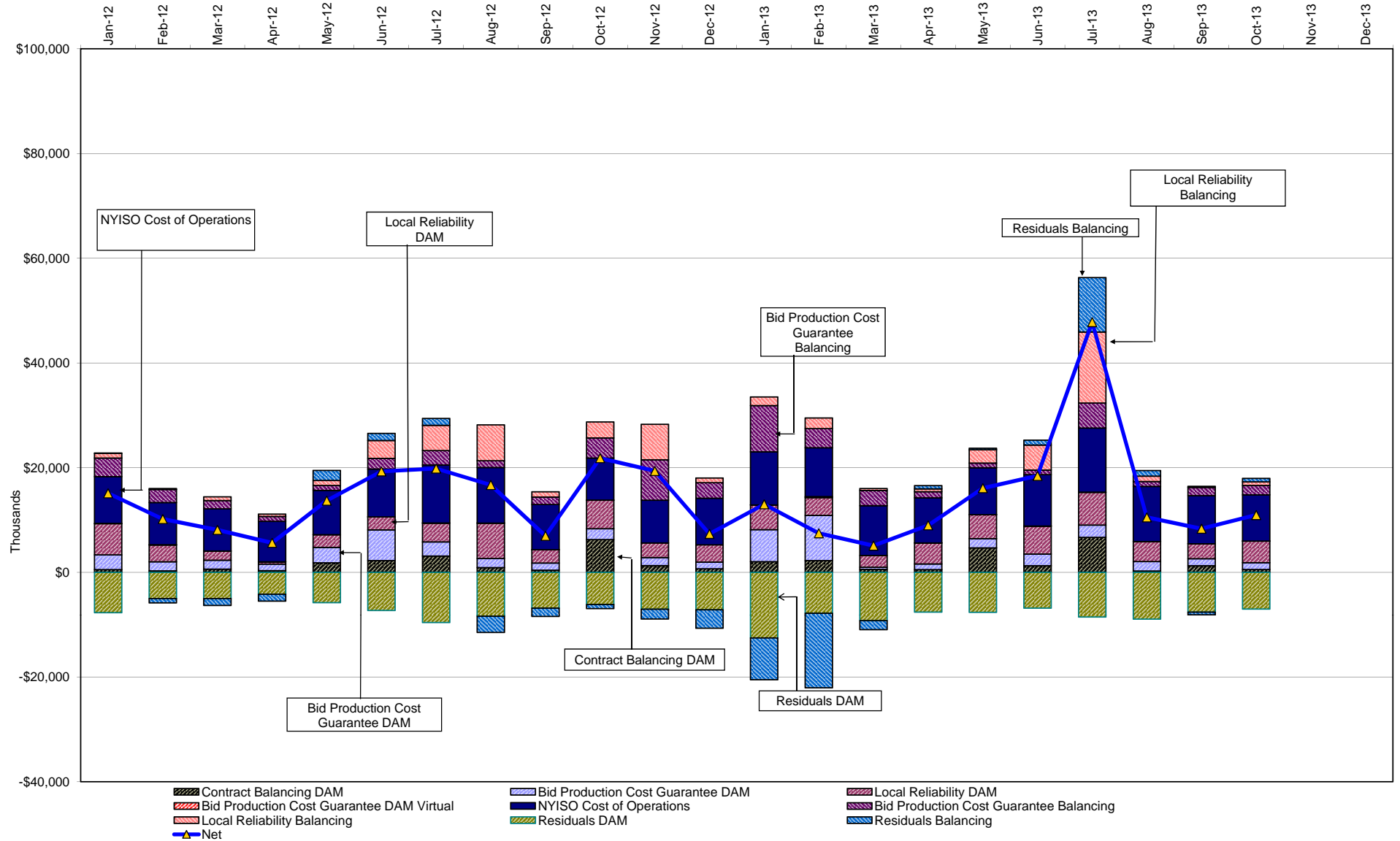
**NYISO Average Cost/MWh (Energy and Ancillary Services) \***  
**from the LBMP Customer point of view**

<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	79.77	85.76	48.94	44.47	52.21	50.17	68.36	40.80	44.22	39.83		
NTAC	0.79	0.83	0.76	0.94	0.89	0.90	0.70	0.32	0.61	0.91		
Reserve	0.38	0.44	0.43	0.36	0.49	0.34	0.50	0.32	0.38	0.42		
Regulation	0.13	0.13	0.10	0.11	0.09	0.13	0.11	0.13	0.13	0.16		
NYISO Cost of Operations	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	0.38	0.40	1.55	(0.15)	(0.14)	0.16		
Uplift: Local Reliability Share	0.44	0.40	0.19	0.37	0.55	0.72	1.13	0.32	0.23	0.38		
Uplift: Statewide Share	(0.23)	(0.55)	(0.52)	(0.35)	(0.17)	(0.31)	0.42	(0.47)	(0.36)	(0.21)		
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		
<b>Avg Monthly Cost</b>	<b>82.34</b>	<b>88.06</b>	<b>50.96</b>	<b>46.95</b>	<b>55.12</b>	<b>53.00</b>	<b>72.27</b>	<b>42.48</b>	<b>46.25</b>	<b>42.55</b>		
Avg YTD Cost	82.34	85.08	74.02	67.81	65.47	63.36	64.99	62.16	60.62	59.20		
TSA \$ per NYC MWh	0.00	0.00	0.00	0.04	0.58	0.61	1.52	0.43	0.22	0.01		
<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: 11/5/2013 9:50 AM

Data reflects true-ups thru June 2013.

## NYISO Dollar Flows - Uplift- OATT Schedule 1 components - Data through October 31, 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	17,974,314	16,090,437	14,021,472	13,411,499		
DAM LSE Internal LBMP Energy Sales	56%	55%	56%	57%	56%	57%	59%	57%	55%	51%		
DAM External TC LBMP Energy Sales	4%	6%	3%	3%	1%	1%	1%	0%	0%	0%		
DAM Bilateral - Internal Bilaterals	38%	37%	38%	37%	37%	36%	33%	36%	38%	41%		
DAM Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	3%	4%	5%	5%	4%	5%		
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%		
DAM Bilateral - Wheel Through Bilaterals	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%		
<b><u>Balancing Energy Market MWh</u></b>	-471,167	-648,574	-501,253	-525,278	-501,948	-669,315	-296,335	-905,673	-750,587	-682,567		
Balancing Energy LSE Internal LBMP Energy Sales	-131%	-117%	-127%	-123%	-133%	-115%	-188%	-113%	-120%	-123%		
Balancing Energy External TC LBMP Energy Sales	33%	20%	23%	21%	35%	16%	78%	9%	11%	14%		
Balancing Energy Bilateral - Internal Bilaterals	4%	10%	11%	3%	5%	4%	10%	3%	6%	6%		
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	1%	4%	0%	0%	0%		
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	5%	3%	4%	5%	4%	2%	3%	1%	2%	4%		
Balancing Energy Bilateral - Wheel Through Bilaterals	-11%	-16%	-11%	-6%	-11%	-9%	-7%	0%	1%	0%		
<b><u>Transactions Summary</u></b>												
LBMP	59%	59%	58%	59%	55%	56%	59%	54%	53%	49%		
Internal Bilaterals	39%	39%	40%	39%	39%	38%	34%	39%	41%	43%		
Import Bilaterals	0%	0%	0%	0%	4%	4%	5%	5%	4%	6%		
Export Bilaterals	1%	1%	2%	2%	2%	1%	1%	1%	2%	2%		
Wheels Through	1%	0%	1%	1%	0%	1%	1%	1%	1%	1%		
<b><u>Market Share of Total Load</u></b>												
Day Ahead Market	103.2%	104.8%	103.6%	104.2%	103.9%	104.7%	101.7%	106.0%	105.7%	105.4%		
Balancing Energy +	-3.2%	-4.8%	-3.6%	-4.2%	-3.9%	-4.7%	-1.7%	-6.0%	-5.7%	-5.4%		
Total MWh	14,668,929	13,467,615	13,748,838	12,438,627	12,949,362	14,203,656	17,677,979	15,184,764	13,270,885	12,728,932		
Average Daily Energy Sendout/Month GWh	453	453	429	398	407	469	561	485	438	407		
<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	\$56.90	\$37.19	\$38.32	\$36.15		
Standard Deviation	\$47.21	\$29.98	\$9.40	\$7.84	\$18.77	\$17.98	\$37.12	\$11.85	\$15.21	\$9.15		
Load Weighted Price **	\$72.17	\$77.95	\$46.85	\$43.13	\$48.52	\$45.32	\$61.77	\$39.00	\$40.47	\$37.37		
<b><u>RTC LBMP</u></b>												
Price *	\$73.69	\$64.15	\$45.75	\$40.50	\$39.51	\$42.00	\$55.41	\$35.90	\$39.06	\$34.08		
Standard Deviation	\$88.27	\$36.96	\$22.62	\$14.79	\$24.44	\$30.96	\$58.54	\$18.35	\$60.70	\$17.38		
Load Weighted Price **	\$77.52	\$66.07	\$46.79	\$41.52	\$42.14	\$44.70	\$61.64	\$37.65	\$43.41	\$35.49		
<b><u>REAL TIME LBMP</u></b>												
Price *	\$76.47	\$64.87	\$45.01	\$42.74	\$42.32	\$43.93	\$65.57	\$37.03	\$39.02	\$36.02		
Standard Deviation	\$83.80	\$38.96	\$16.27	\$15.96	\$26.99	\$34.72	\$89.92	\$20.11	\$36.85	\$19.07		
Load Weighted Price **	\$81.71	\$66.83	\$45.94	\$43.73	\$45.50	\$47.00	\$76.32	\$38.92	\$43.28	\$37.47		
Average Daily Energy Sendout/Month GWh	453	453	429	398	407	469	561	485	438	407		

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

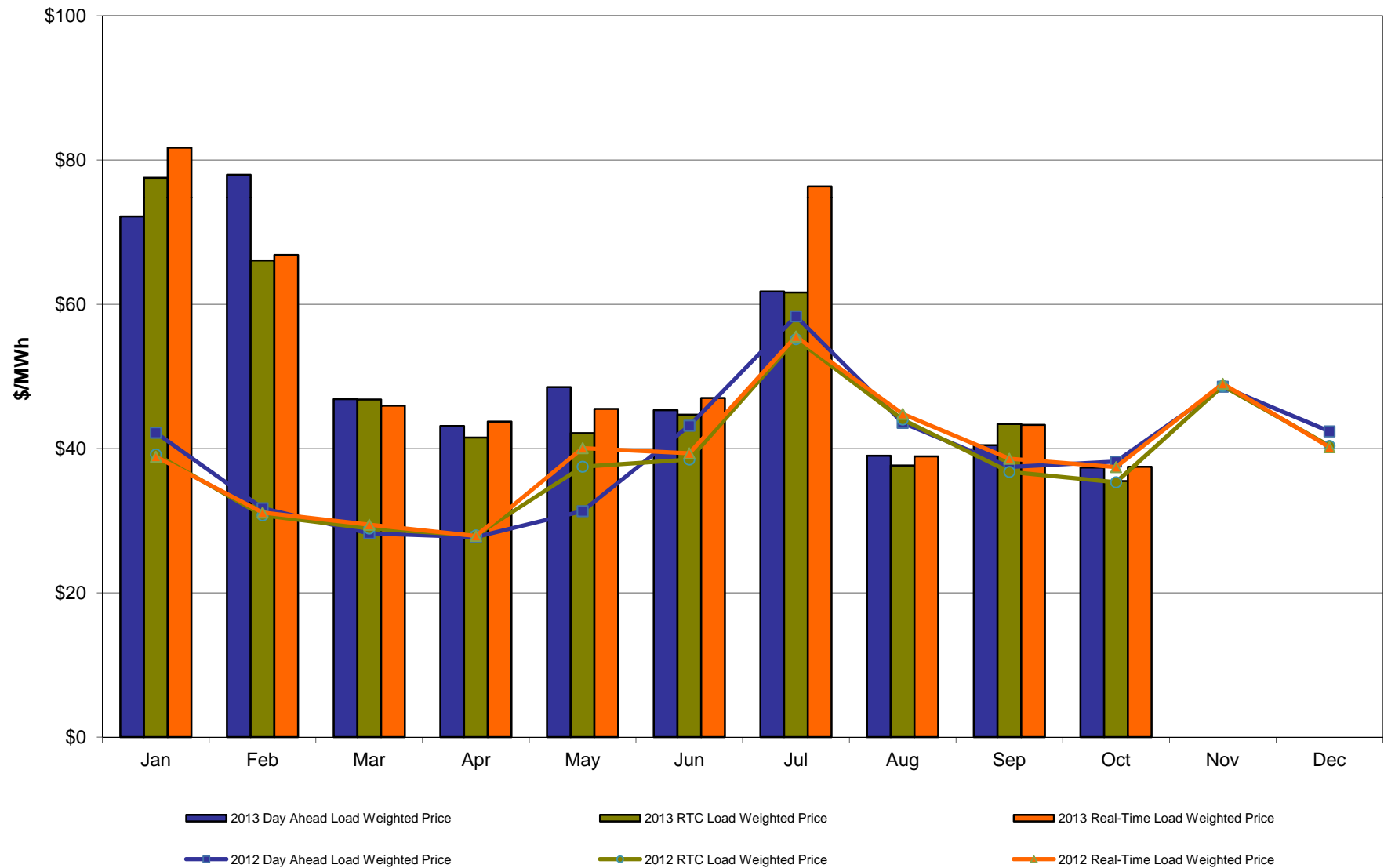
	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>DAY AHEAD LBMP</u></b>												
Price *	\$40.91	\$31.15	\$27.44	\$26.88	\$29.79	\$38.71	\$53.95	\$41.17	\$35.74	\$37.10	\$47.31	\$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**

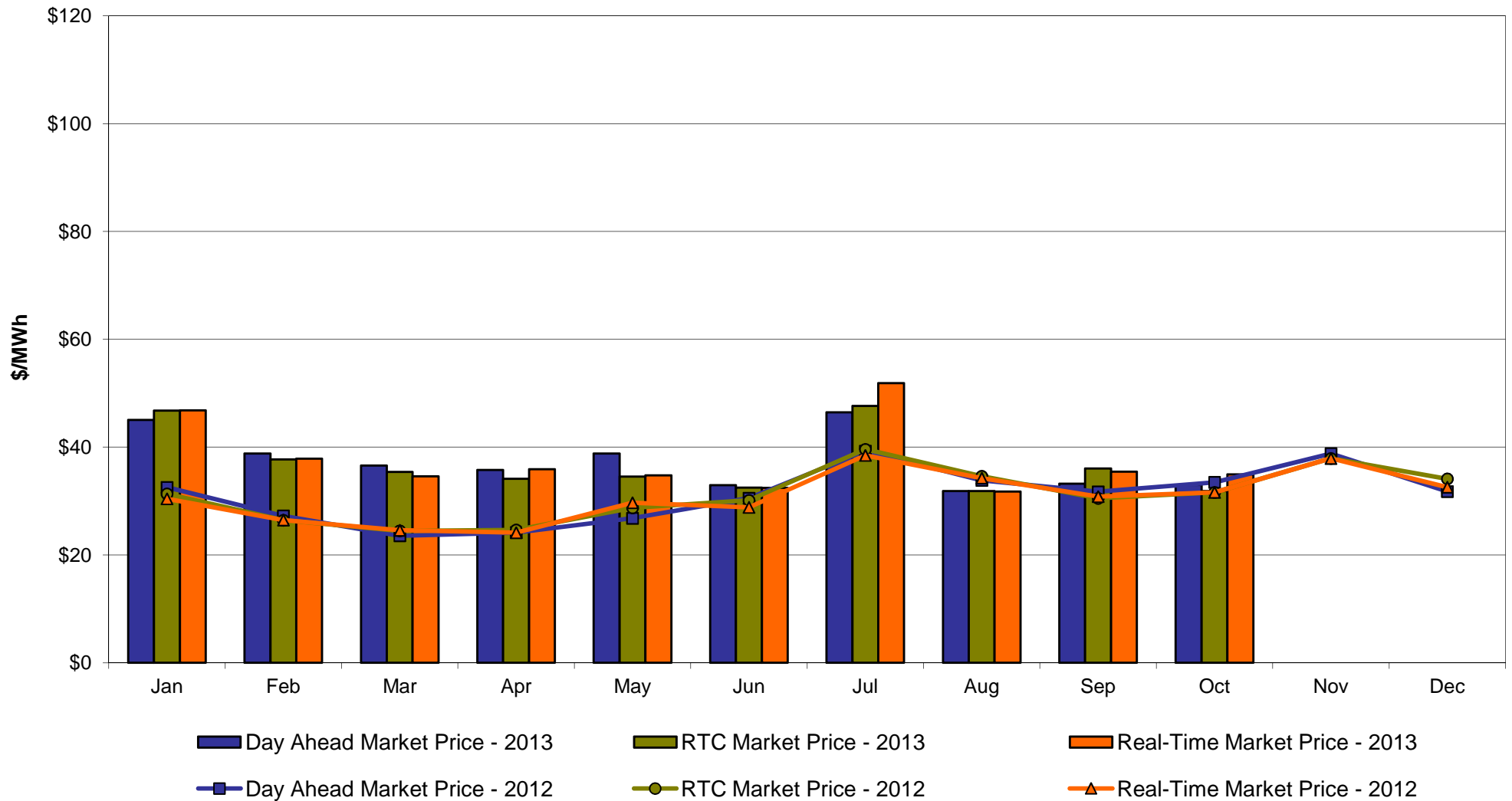


**October 2013 Zonal LBMP Statistics for NYISO (\$/MWh)**

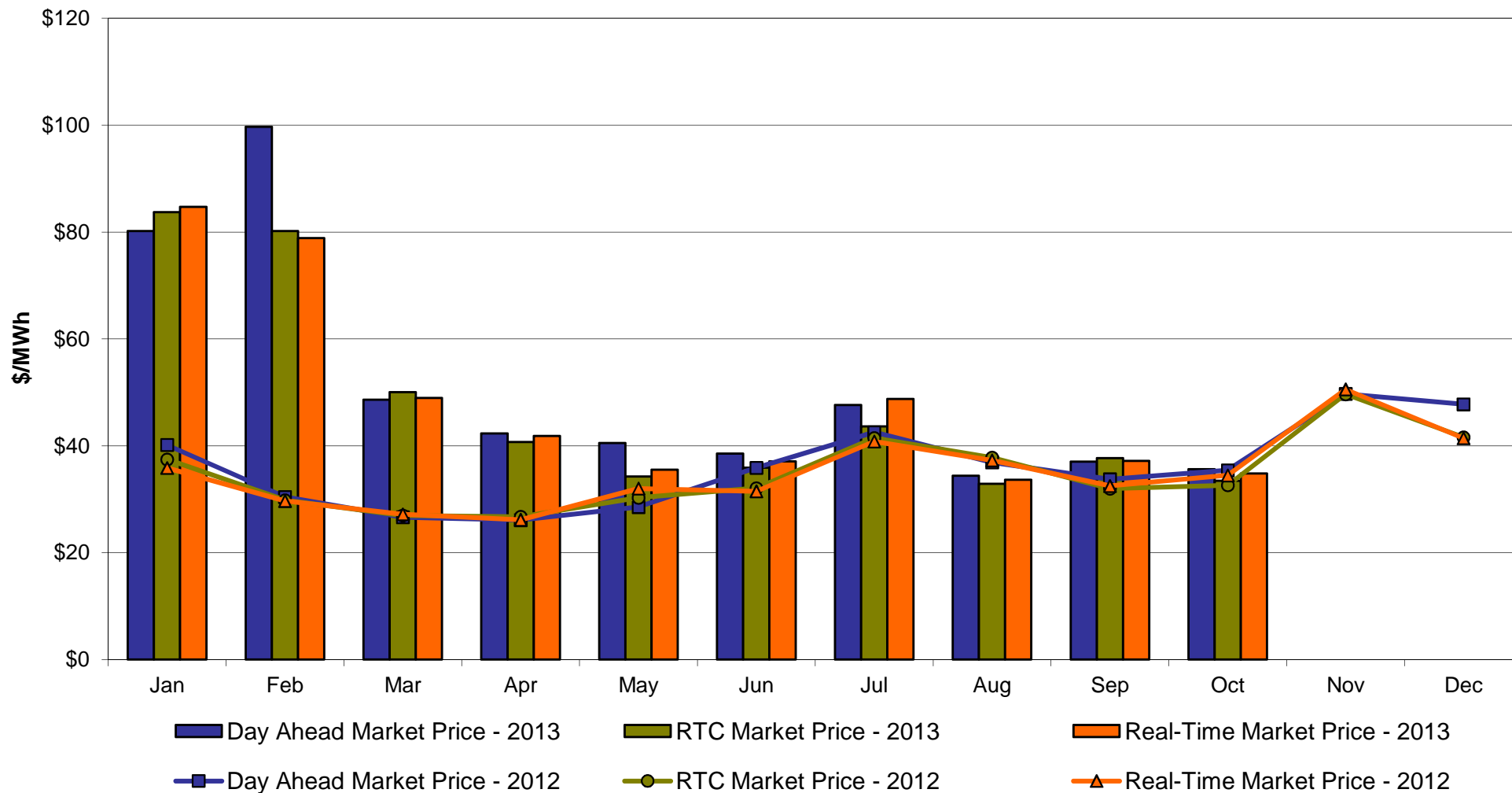
	<b><u>WEST</u></b> <b><u>Zone A</u></b>	<b><u>GENESEE</u></b> <b><u>Zone B</u></b>	<b><u>NORTH</u></b> <b><u>Zone D</u></b>	<b><u>CENTRAL</u></b> <b><u>Zone C</u></b>	<b><u>MOHAWK</u></b> <b><u>VALLEY</u></b> <b><u>Zone E</u></b>	<b><u>CAPITAL</u></b> <b><u>Zone F</u></b>	<b><u>HUDSON</u></b> <b><u>VALLEY</u></b> <b><u>Zone G</u></b>	<b><u>MILLWOOD</u></b> <b><u>Zone H</u></b>	<b><u>DUNWOODIE</u></b> <b><u>Zone I</u></b>	<b><u>NEW YORK</u></b> <b><u>CITY</u></b> <b><u>Zone J</u></b>	<b><u>LONG</u></b> <b><u>ISLAND</u></b> <b><u>Zone K</u></b>
<b><u>DAY AHEAD LBMP</u></b>											
Unweighted Price *	33.00	32.68	28.47	33.65	33.88	35.61	36.70	36.79	36.80	37.55	41.21
Standard Deviation	8.49	7.84	7.09	8.23	8.31	8.75	9.17	9.25	9.23	9.59	12.37
<b><u>RTC LBMP</u></b>											
Unweighted Price *	31.86	30.11	25.99	31.07	31.34	33.48	34.44	34.21	34.19	35.35	39.96
Standard Deviation	30.13	15.05	18.48	15.50	15.55	15.94	16.48	16.38	16.34	16.83	26.35
<b><u>REAL TIME LBMP</u></b>											
Unweighted Price *	34.95	31.39	27.42	32.52	32.76	34.81	35.89	35.65	35.64	37.24	42.95
Standard Deviation	31.59	16.34	15.79	16.96	16.91	17.52	18.19	18.17	18.14	19.37	31.91
	<b><u>ONTARIO</u></b> <b><u>IESO</u></b>  <b><u>Zone O</u></b>	<b><u>HYDRO</u></b> <b><u>QUEBEC</u></b> <b><u>(Wheel)</u></b> <b><u>Zone M</u></b>	<b><u>HYDRO</u></b> <b><u>QUEBEC</u></b> <b><u>(Import/Export)</u></b> <b><u>Zone M</u></b>	<b><u>PJM</u></b>  <b><u>Zone P</u></b>	<b><u>NEW</u></b> <b><u>ENGLAND</u></b>  <b><u>Zone N</u></b>	<b><u>CROSS</u></b> <b><u>SOUND</u></b> <b><u>CABLE</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>NORTHPORT-</u></b> <b><u>NORWALK</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>NEPTUNE</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>LINDEN VFT</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>HUDSON</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>	<b><u>Dennison</u></b> <b><u>Controllable</u></b> <b><u>Line</u></b>
<b><u>DAY AHEAD LBMP</u></b>											
Unweighted Price *	30.84	32.03	32.03	34.09	35.81	38.84	37.65	38.58	36.45	37.28	28.05
Standard Deviation	6.77	7.62	7.62	8.26	8.71	10.92	9.11	10.47	8.94	9.34	6.80
<b><u>RTC LBMP</u></b>											
Unweighted Price *	27.09	27.95	27.78	30.23	32.12	35.52	35.04	34.75	33.77	34.01	24.63
Standard Deviation	9.26	11.03	10.94	10.79	10.58	28.10	27.90	28.17	11.71	11.98	16.09
<b><u>REAL TIME LBMP</u></b>											
Unweighted Price *	29.41	30.74	30.53	33.82	34.92	38.67	34.02	36.19	36.97	37.28	26.86
Standard Deviation	14.58	16.21	16.07	19.86	17.38	43.18	28.78	31.88	19.40	20.00	14.42

\* Straight LBMP averages

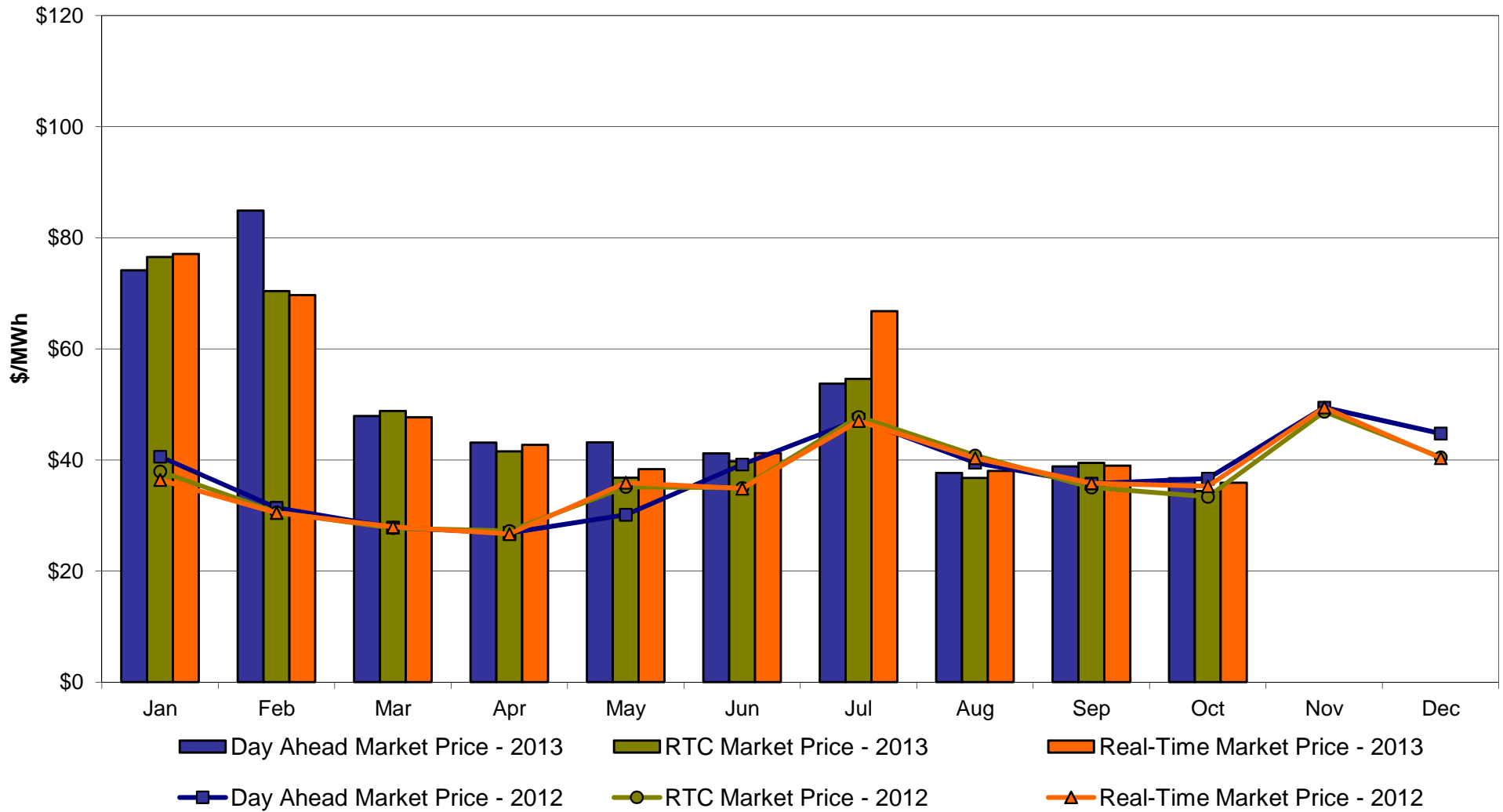
# **West Zone A** **Monthly Average LBMP Prices 2012 - 2013**



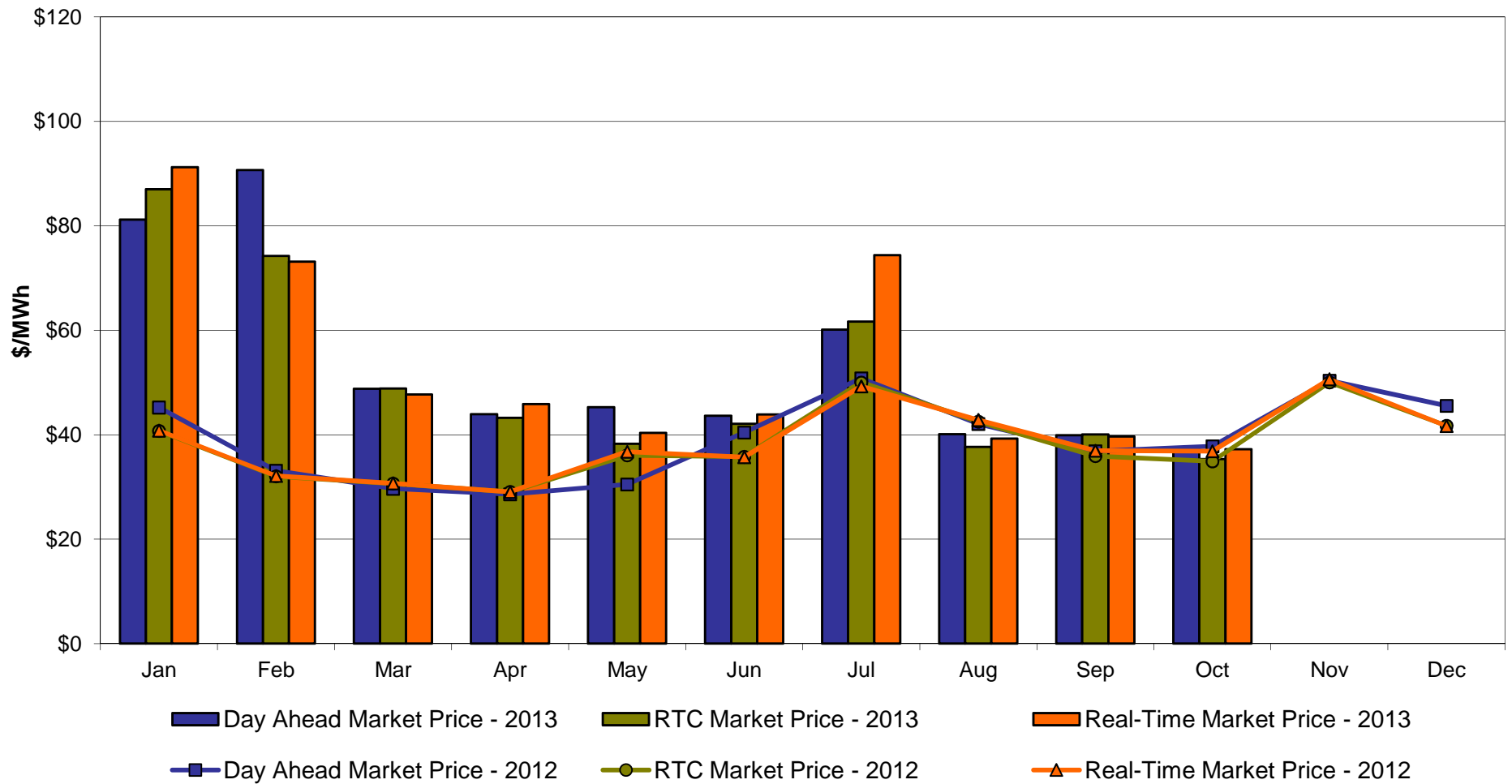
# **Capital Zone F** **Monthly Average LBMP Prices 2012 - 2013**



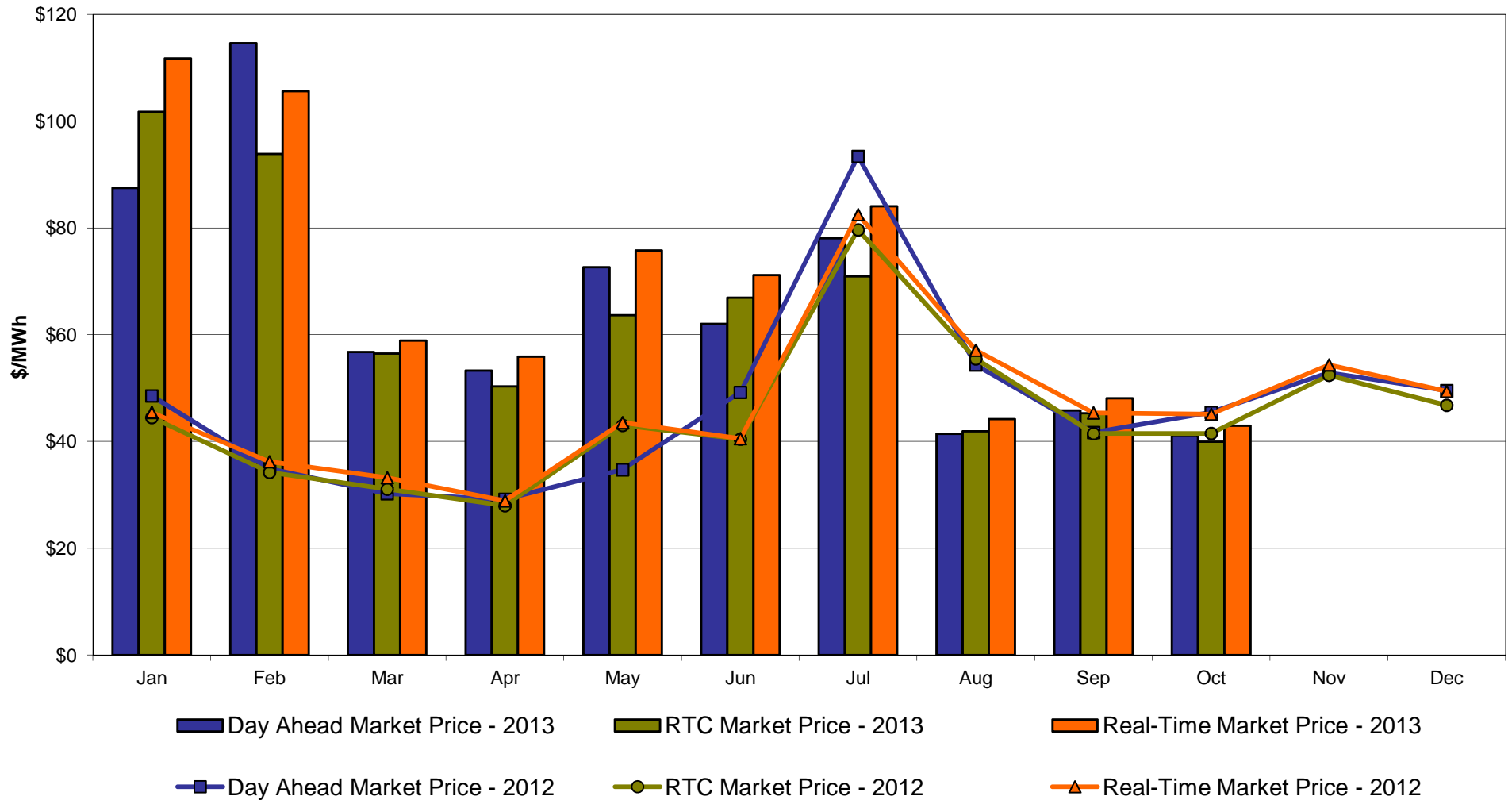
# Hudson Valley Zone G Monthly Average LBMP Prices 2012 - 2013



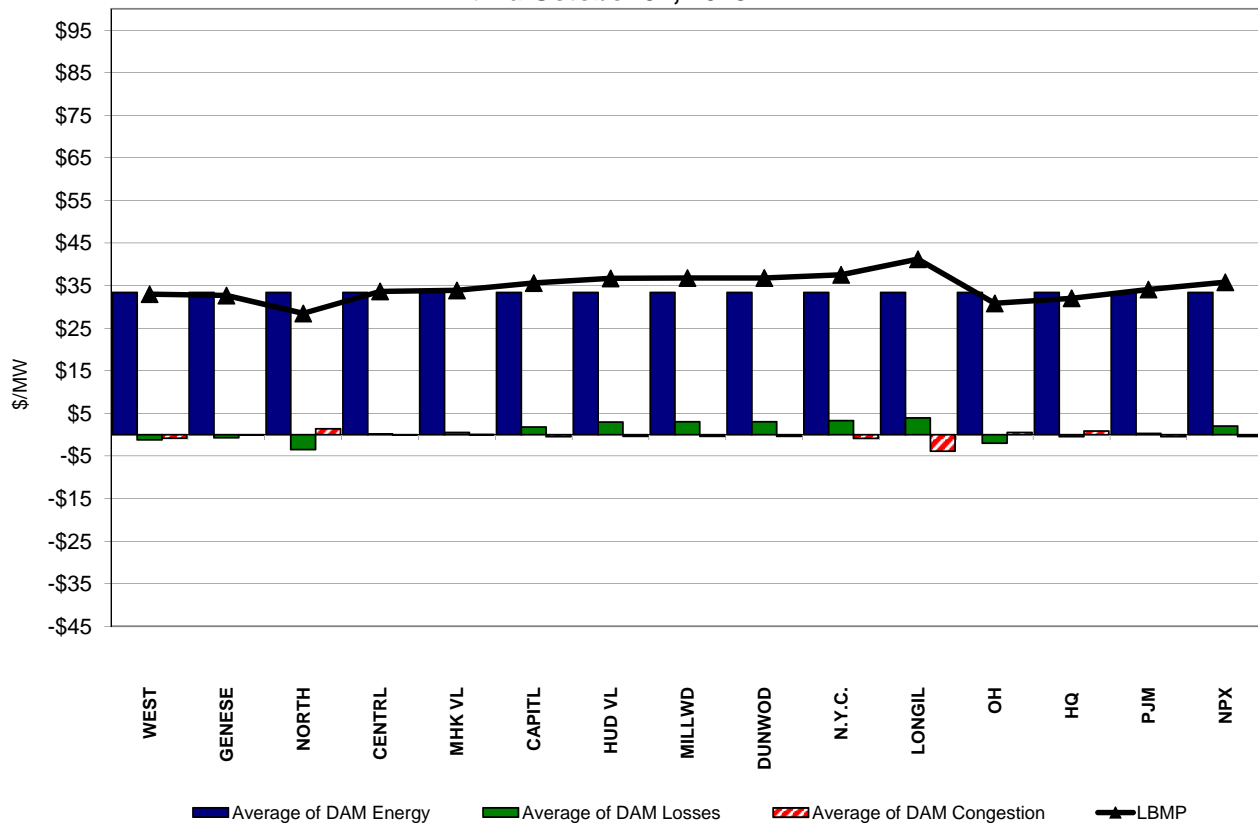
# NYC Zone J Monthly Average LBMP Prices 2012 - 2013



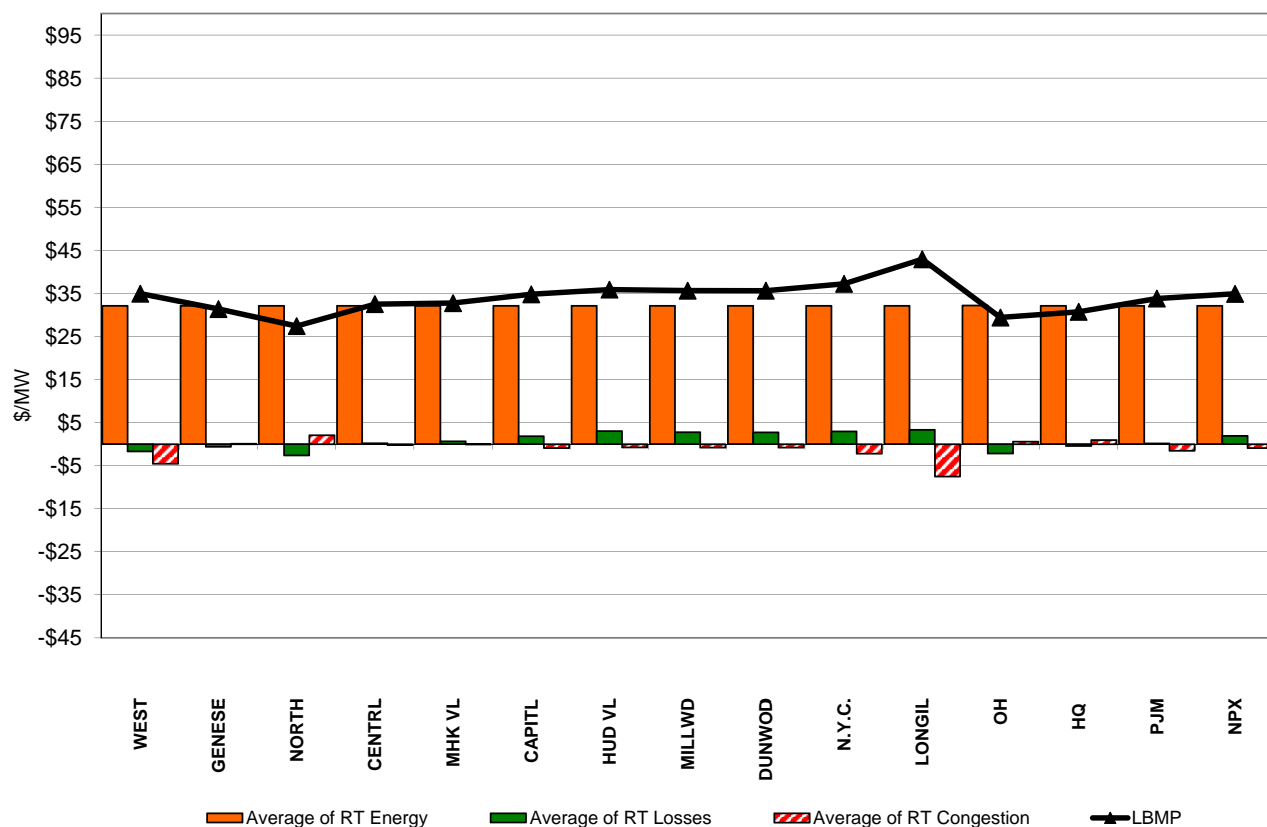
# Long Island Zone K Monthly Average LBMP Prices 2012 - 2013



**DAM Zonal Unweighted Monthly Average LBMP Components  
thru October 31, 2013**



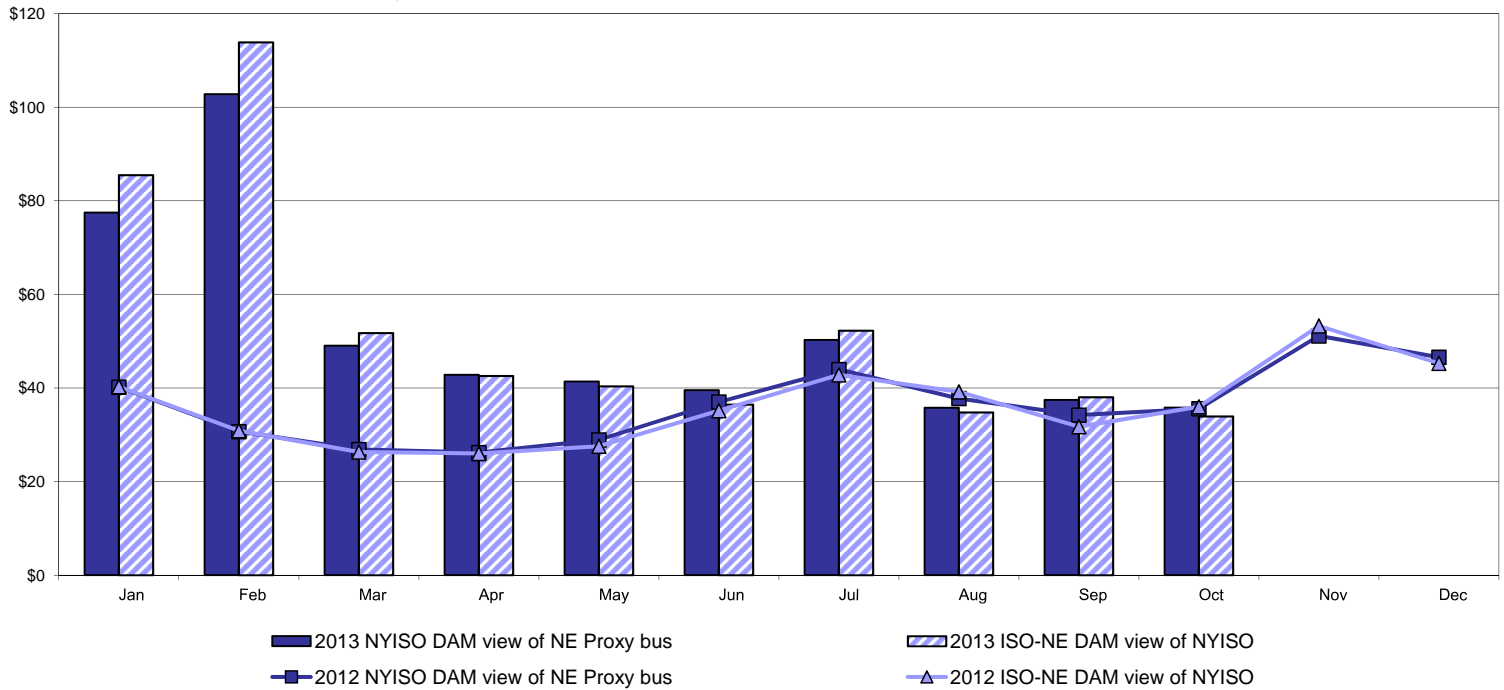
**RT Zonal Unweighted Monthly Average LBMP Components  
thru October 31, 2013**



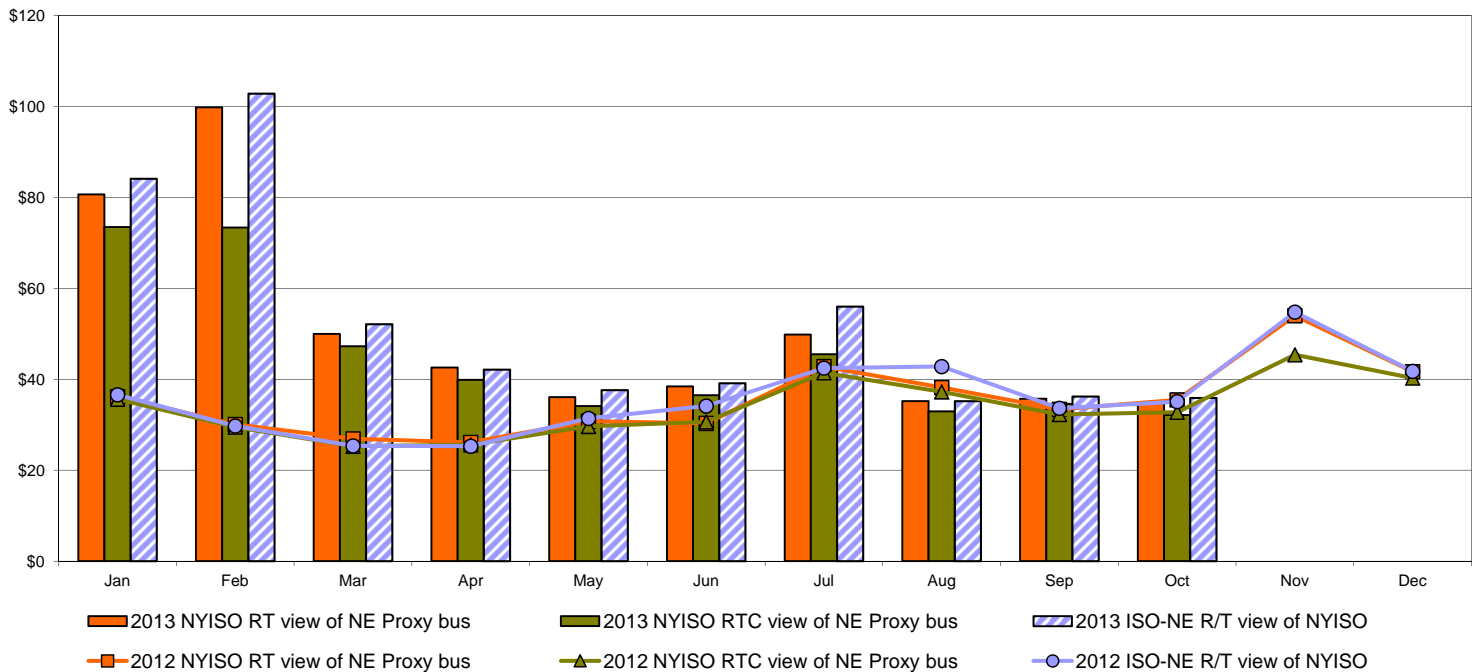


# External Comparison ISO-New England

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

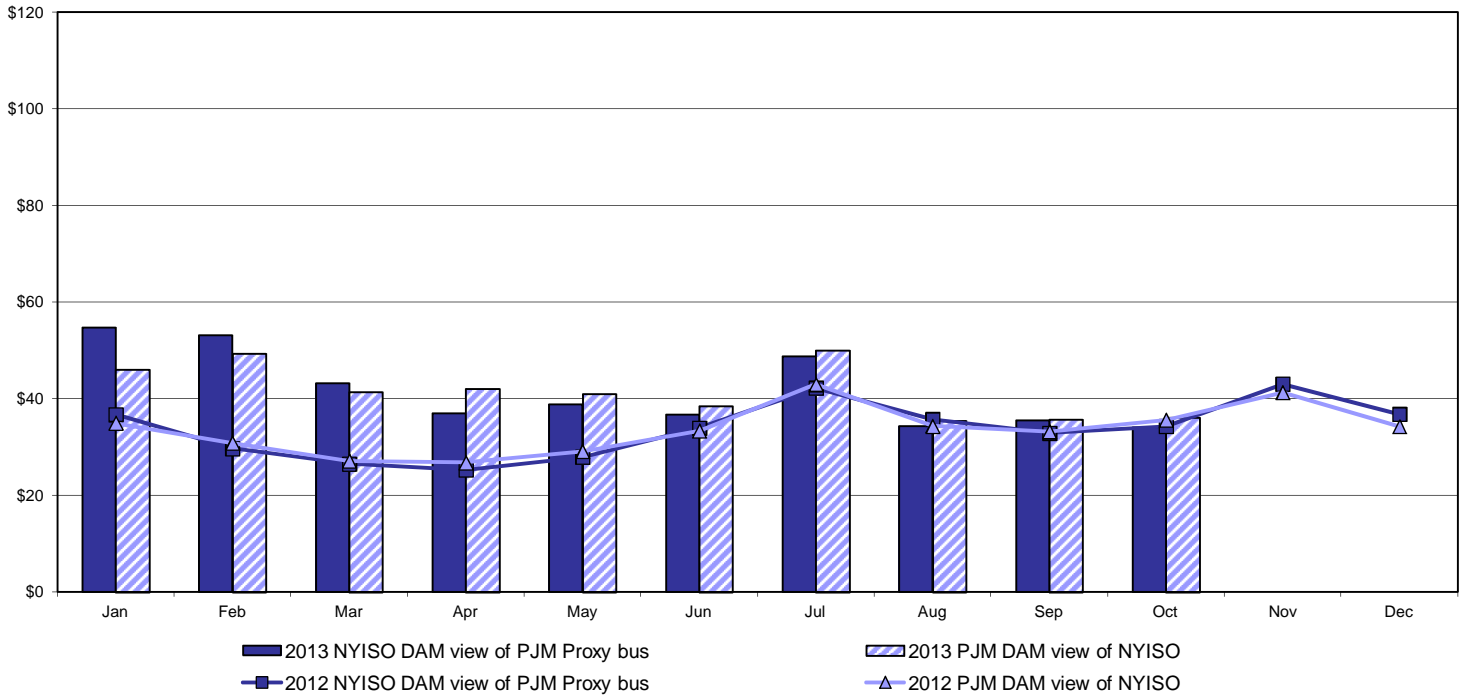


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

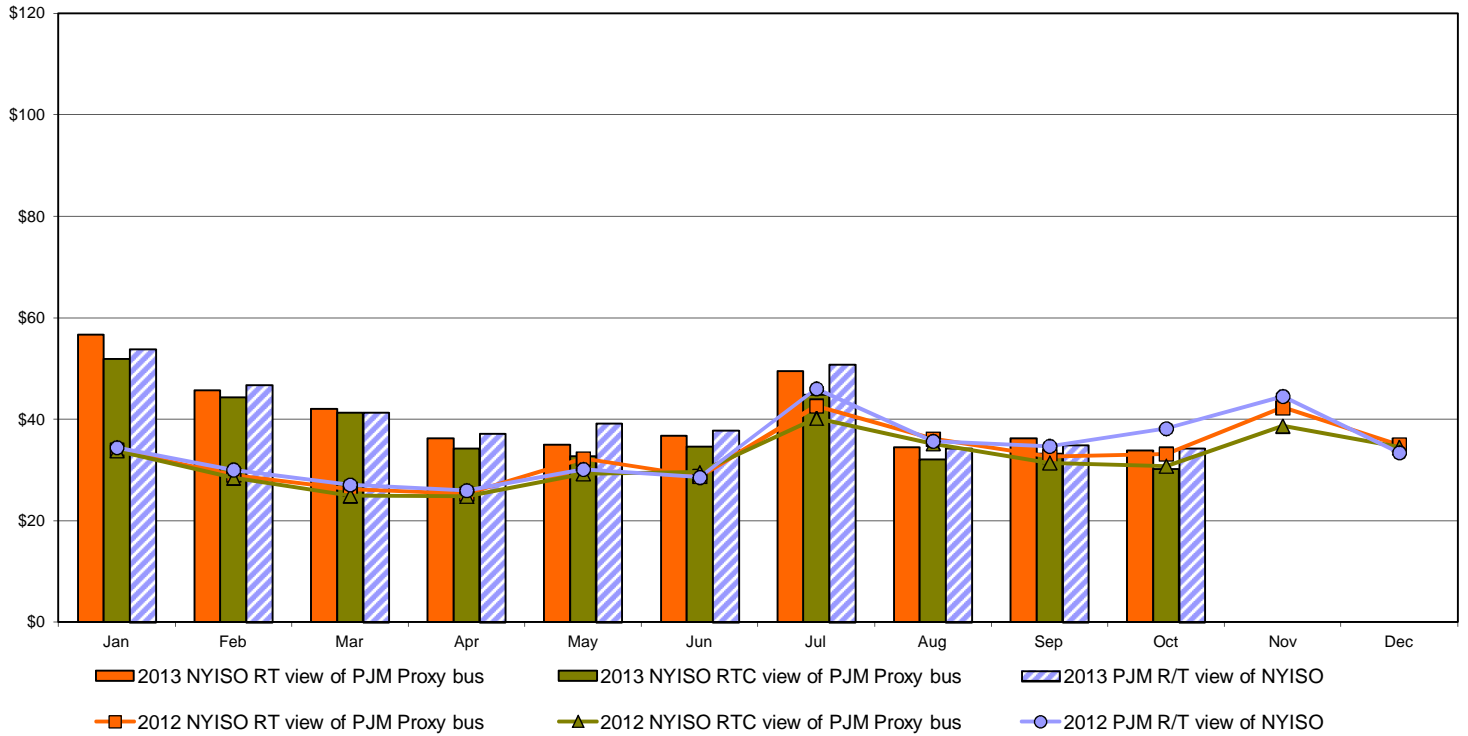


## External Comparison PJM

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

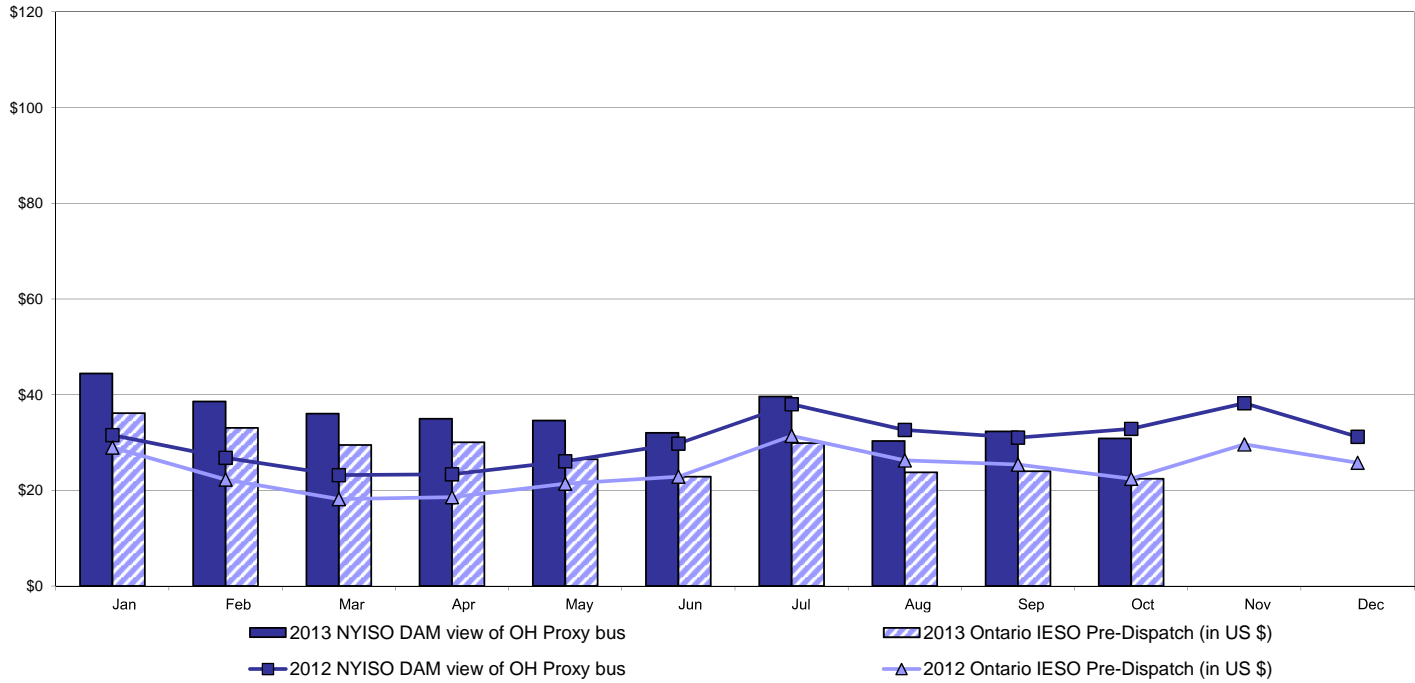


**Real Time Market External Zone Comparison - PJM (\$/MWh)**

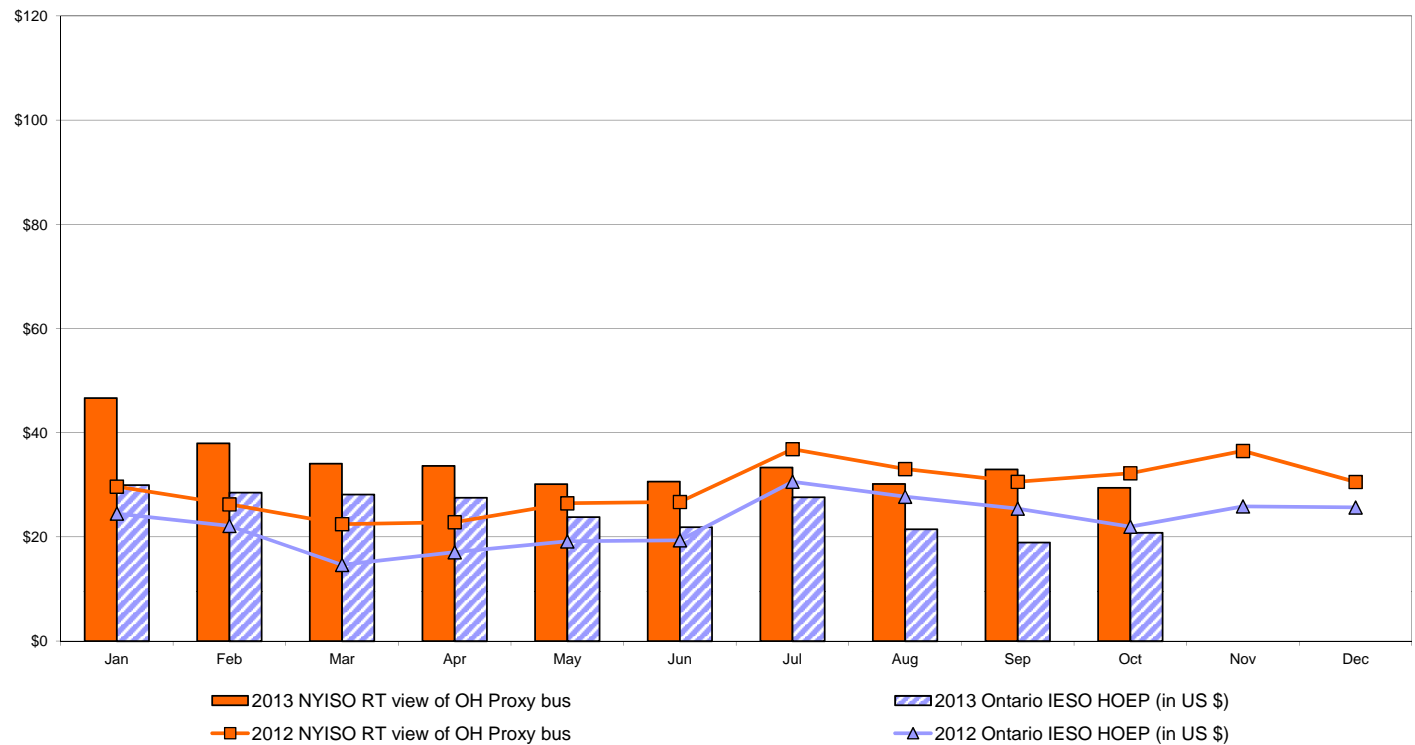


## External Comparison Ontario IESO

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

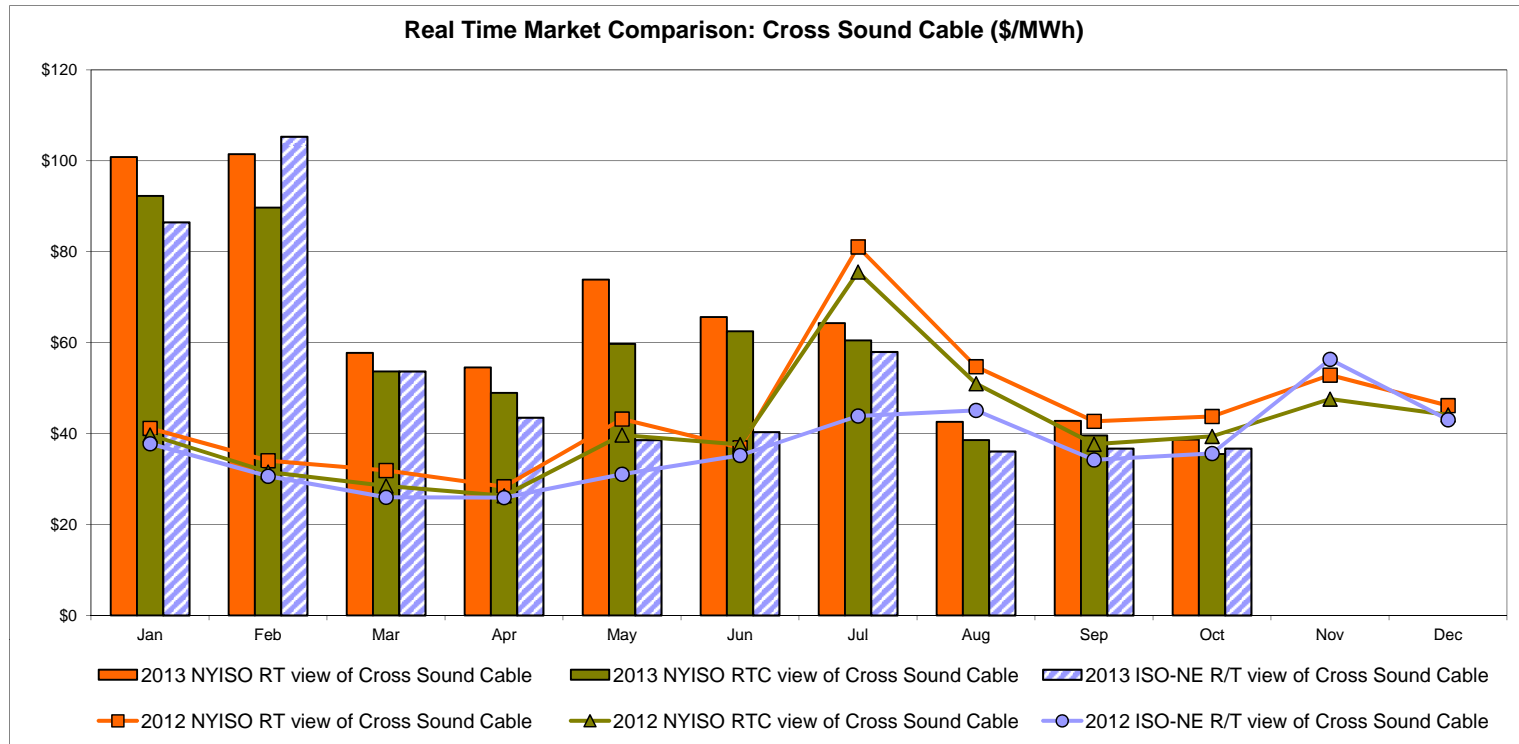
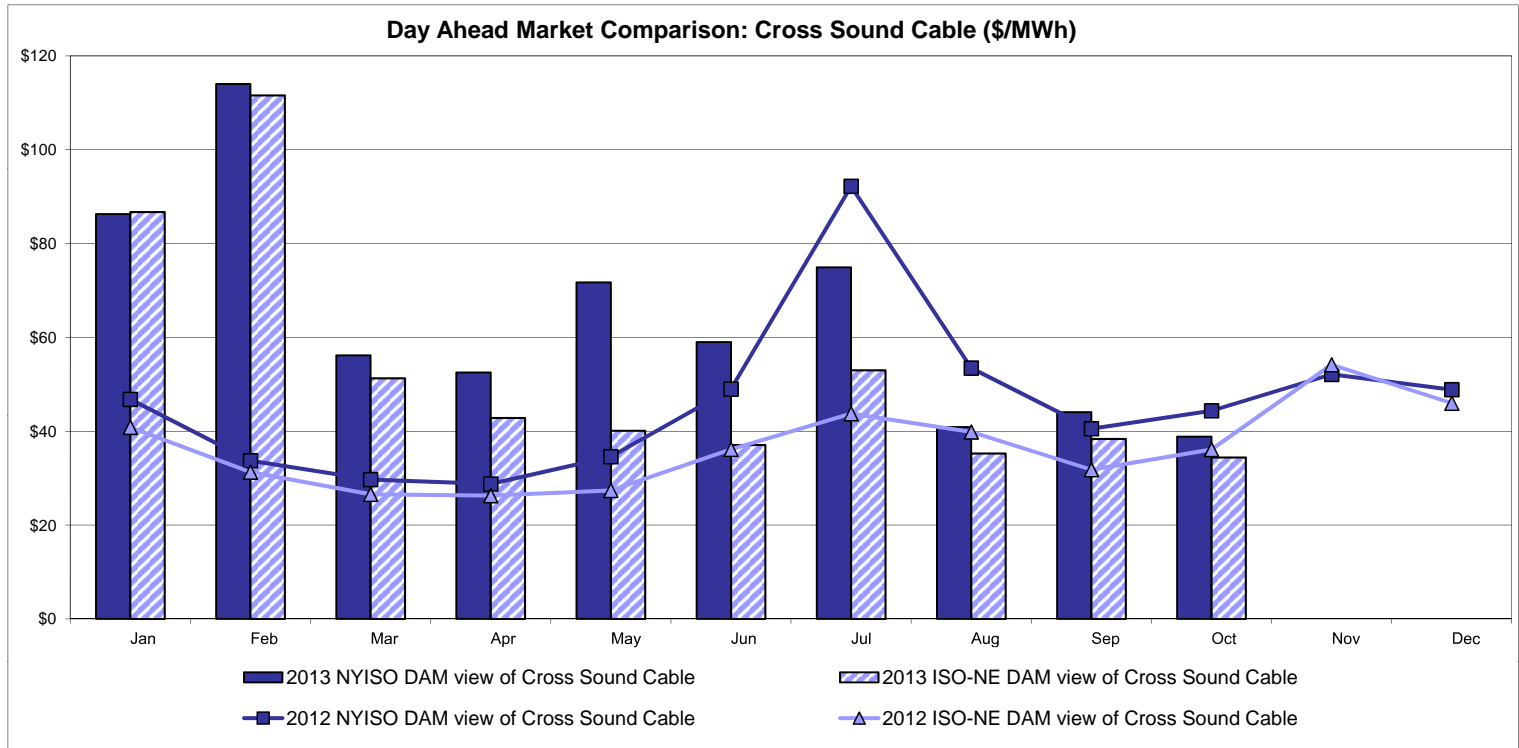


**Real Time Market External Zone Comparison - Ontario IESO (\$/MWh)**



Notes: Exchange factor used for October 2013 was 0.965 to US \$  
 HOEP: Hourly Ontario Energy Price  
 Pre-Dispatch: Projected Energy Price

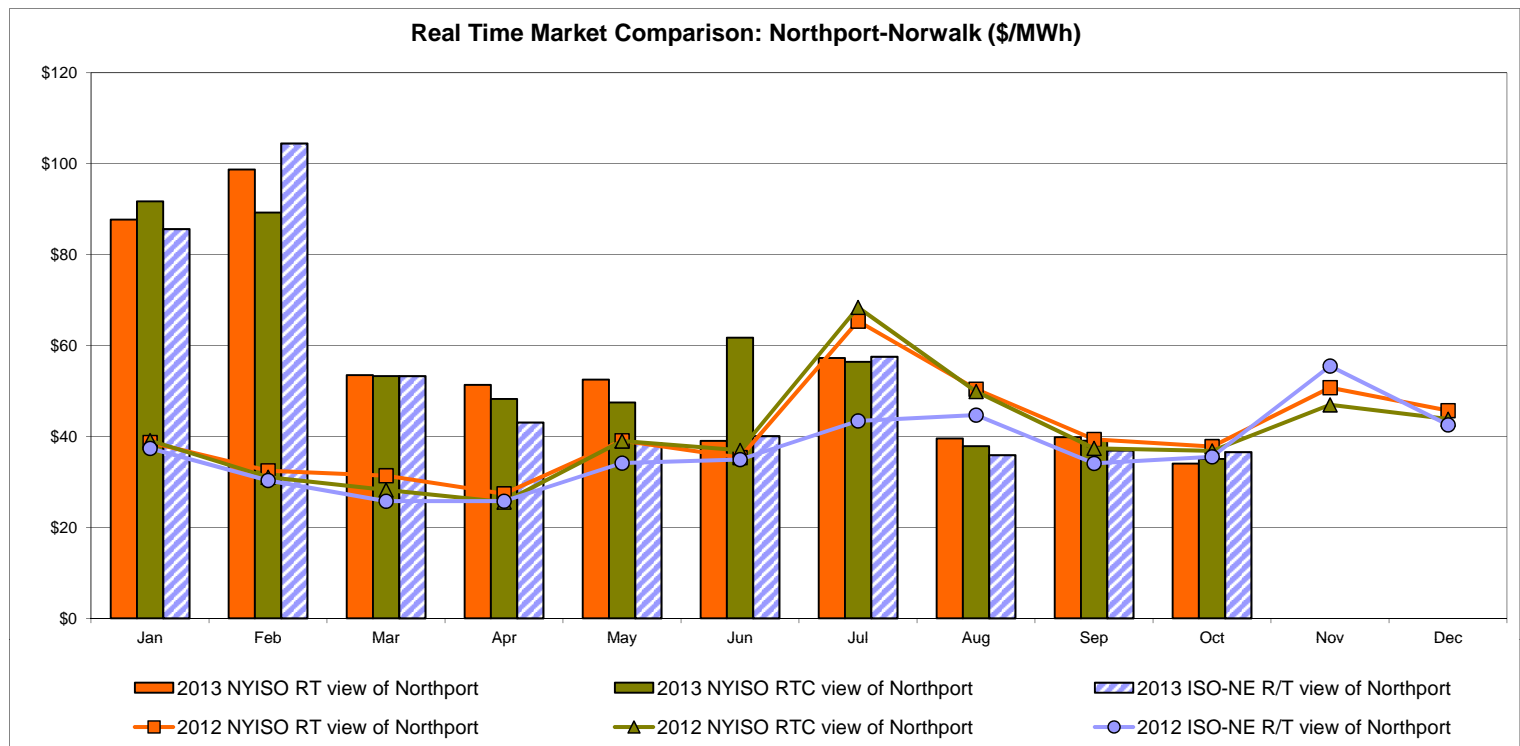
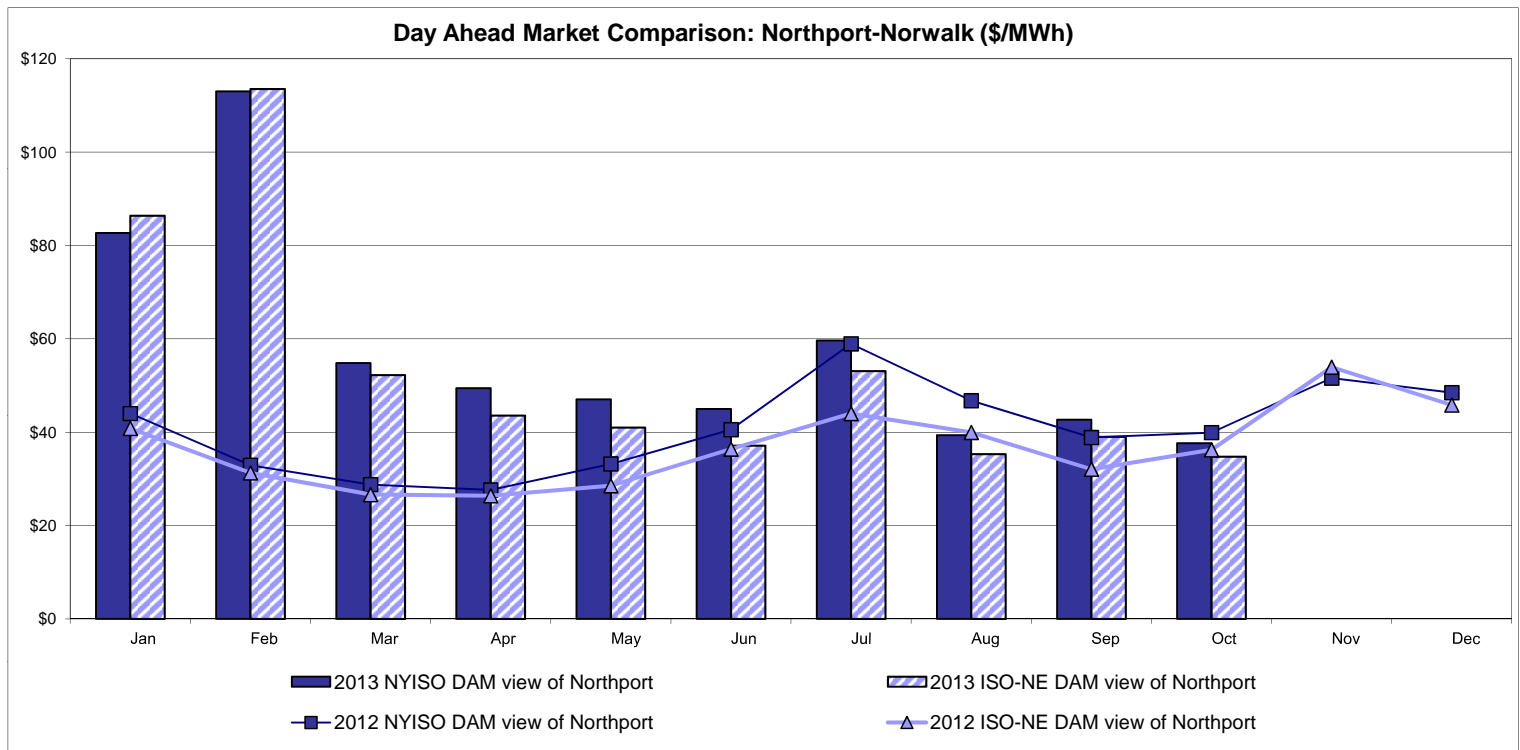
## External Controllable Line: Cross Sound Cable (New England)



**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)

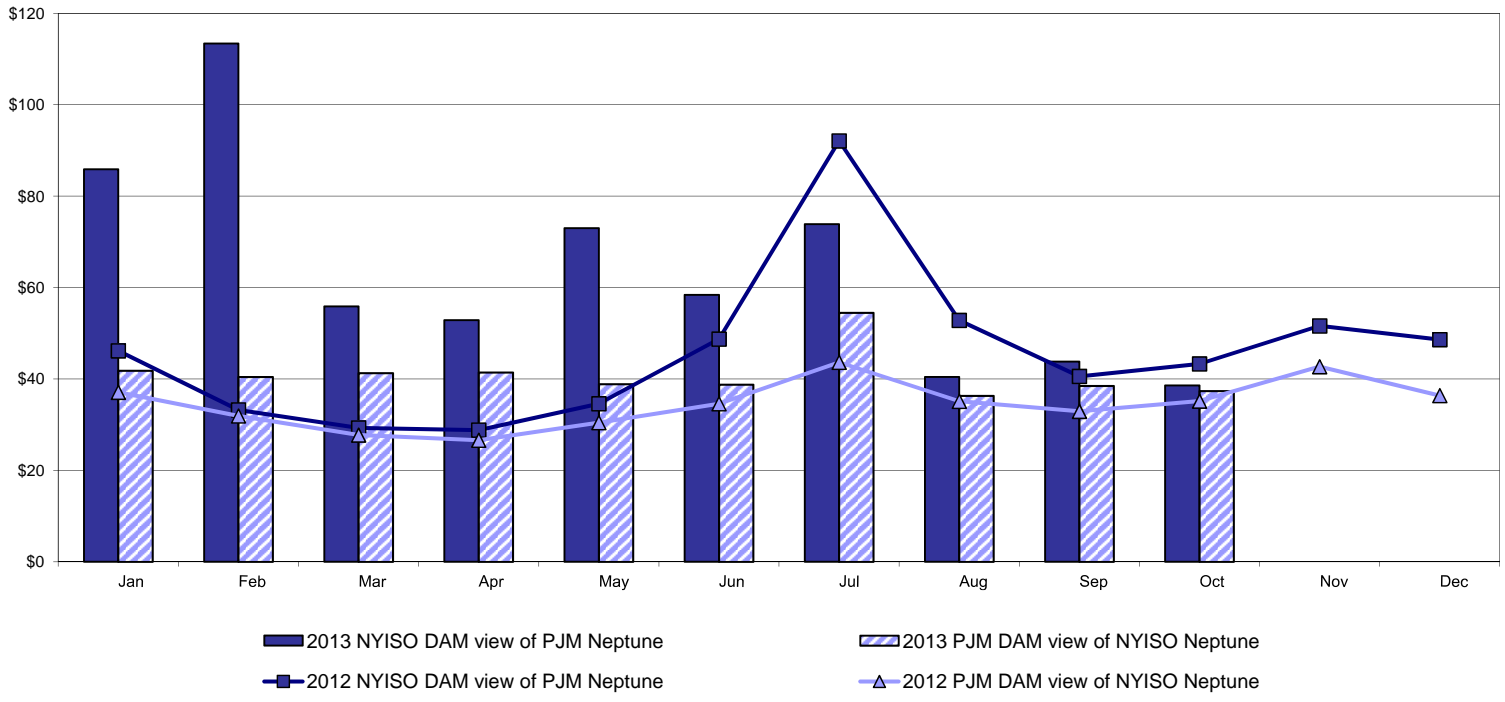


**Note:**

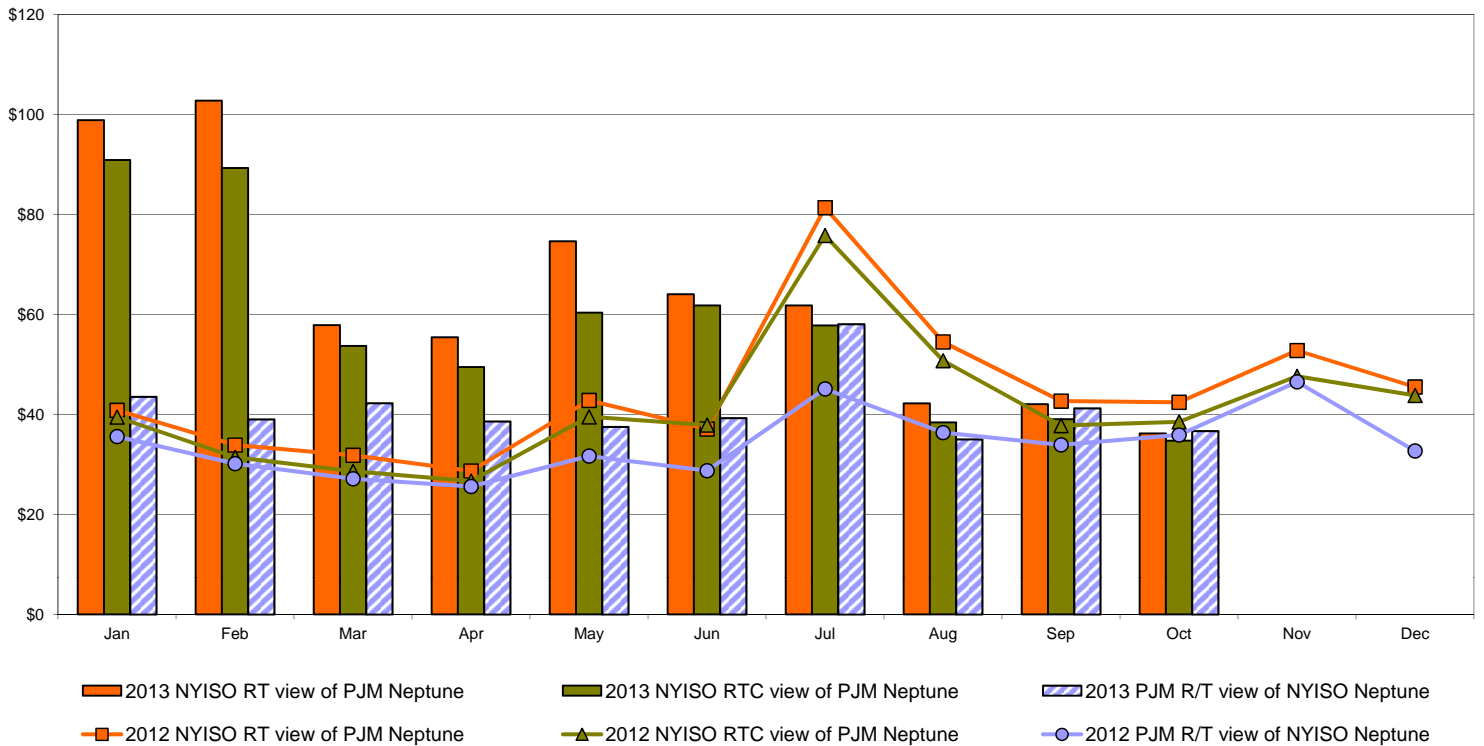
ISO-NE Forecast is an advisory posting @ 18:00 day before.  
 The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.  
 The DAM and R/T prices at the 1385 interface are used for NYISO.

## External Controllable Line: Neptune (PJM)

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

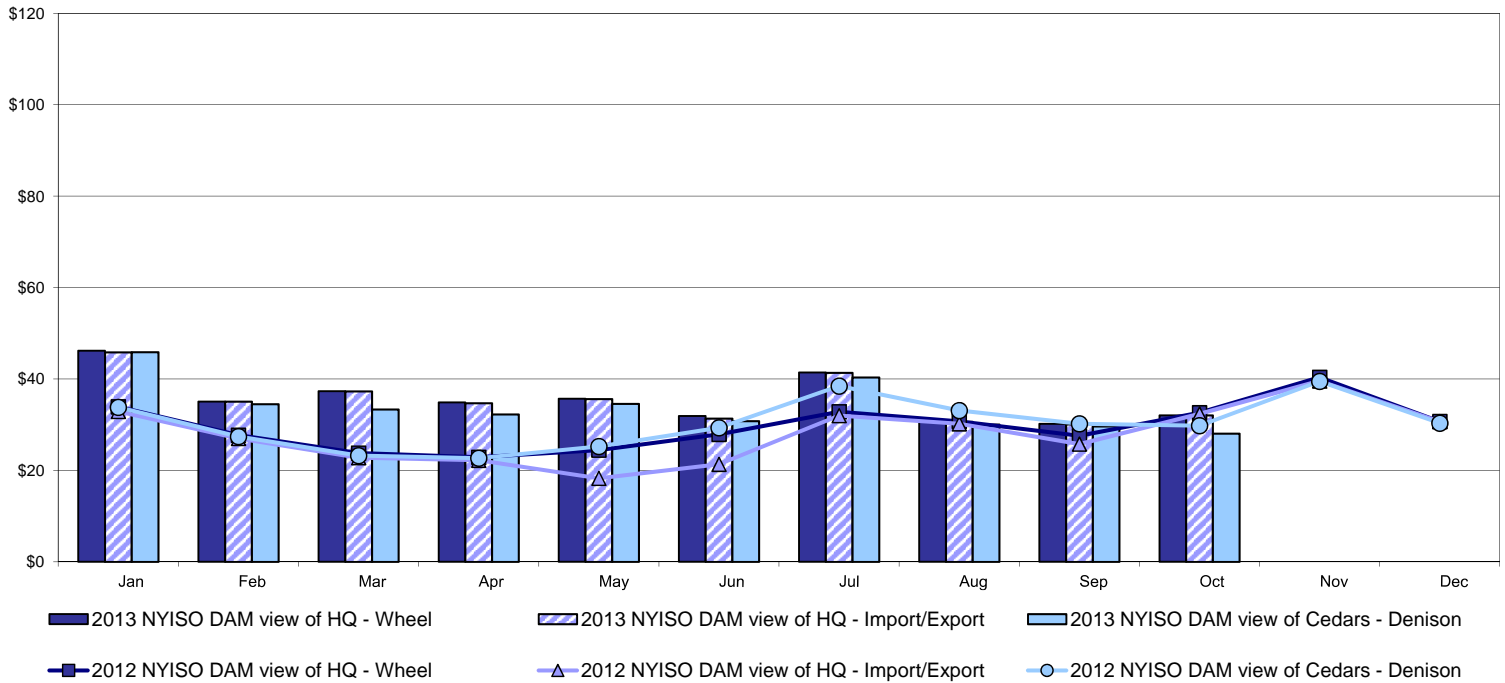


**Real Time Market Comparison: Neptune (\$/MWh)**

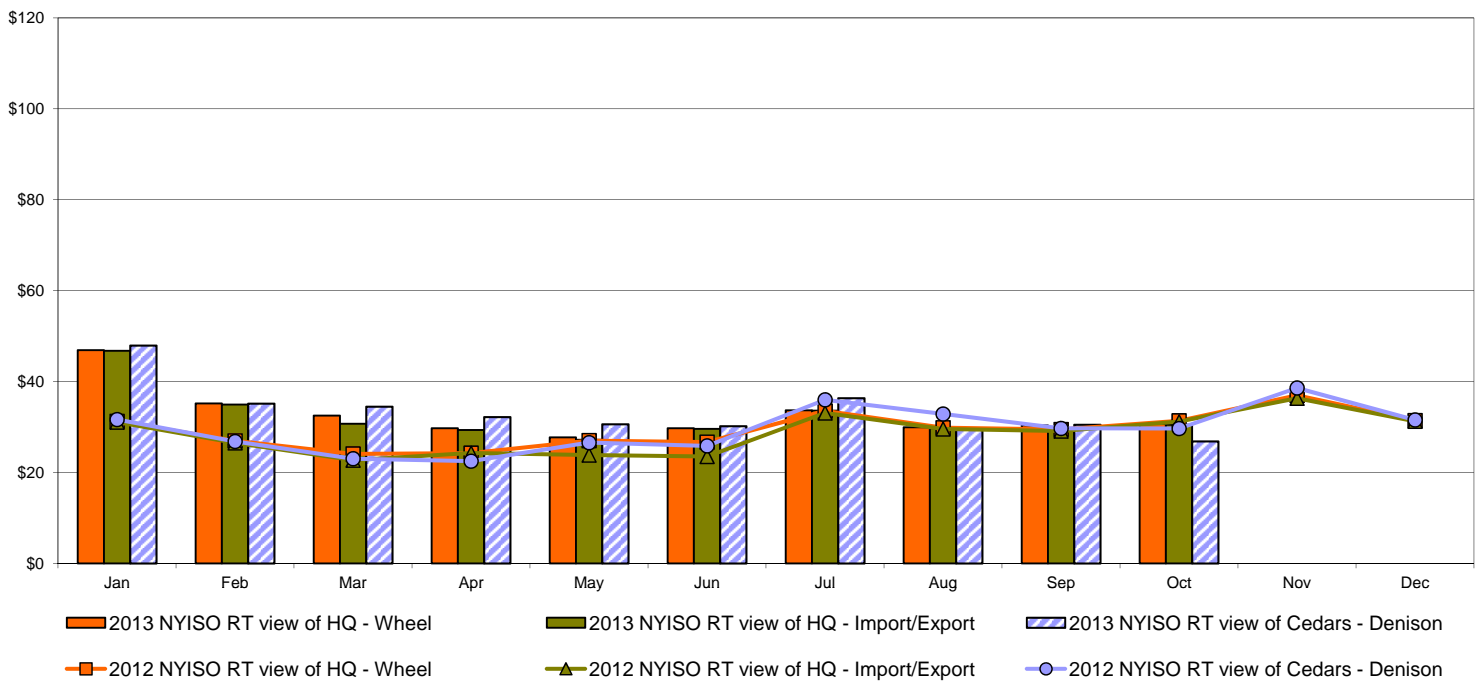


## External Comparison Hydro-Quebec

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

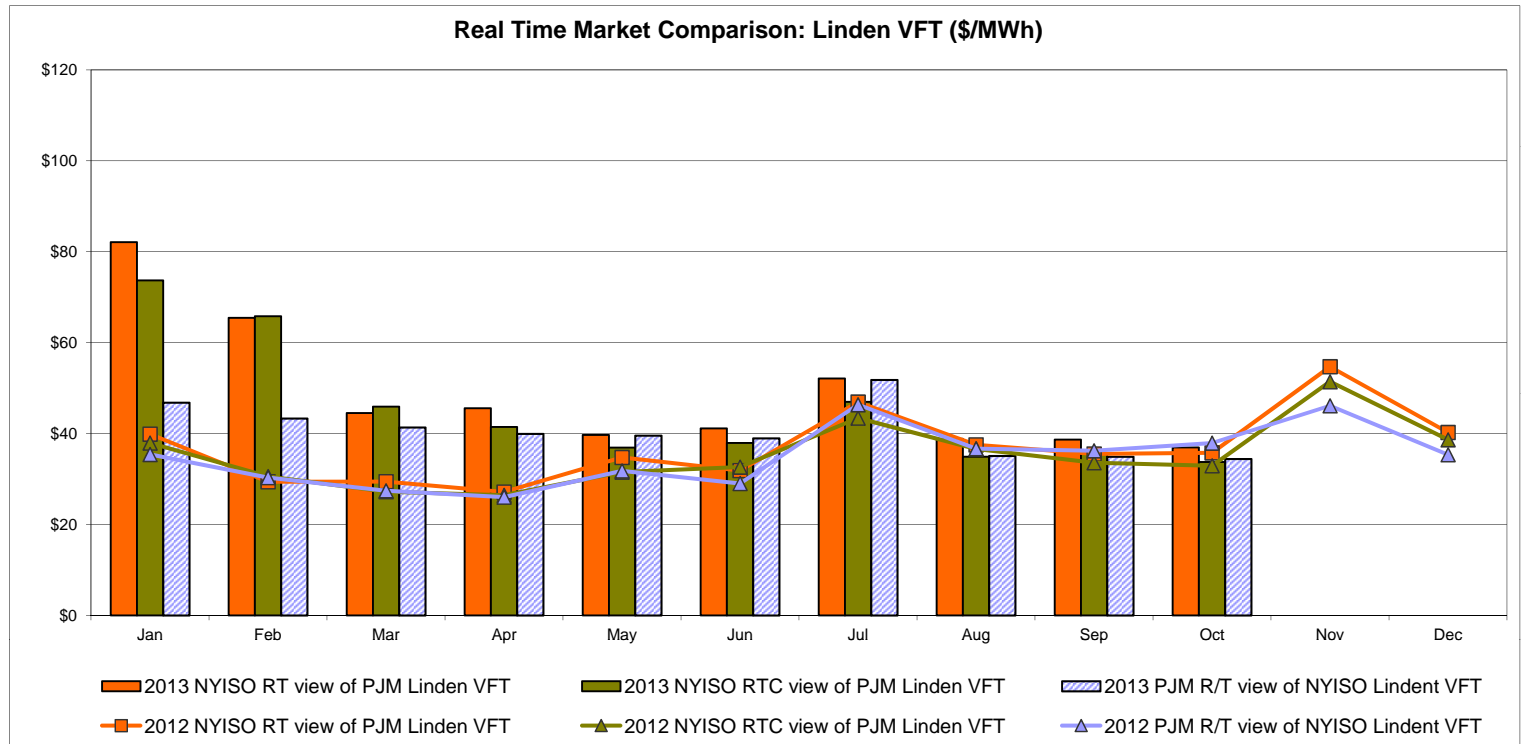
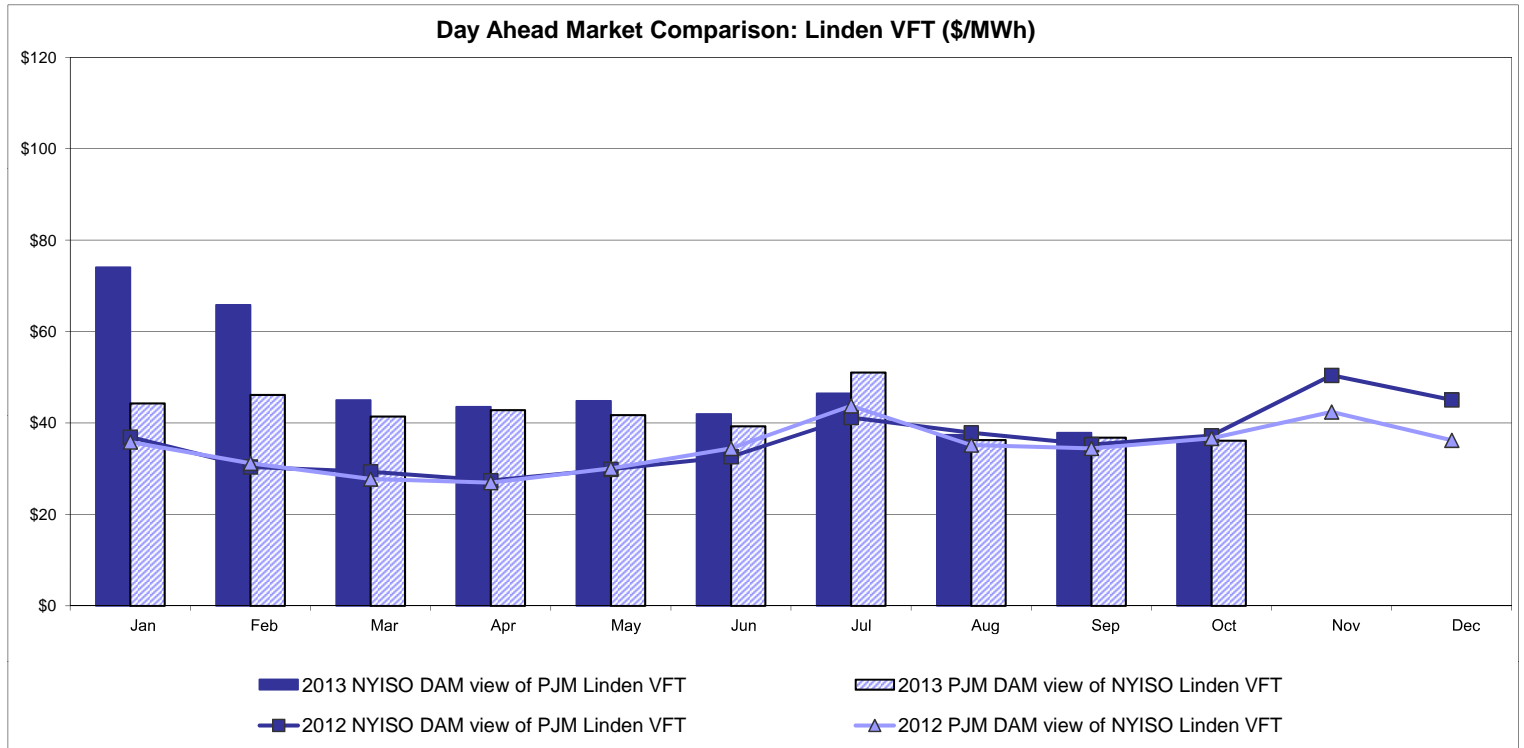


**Real Time Market External Zone Comparison - HQ (\$/MWh)**



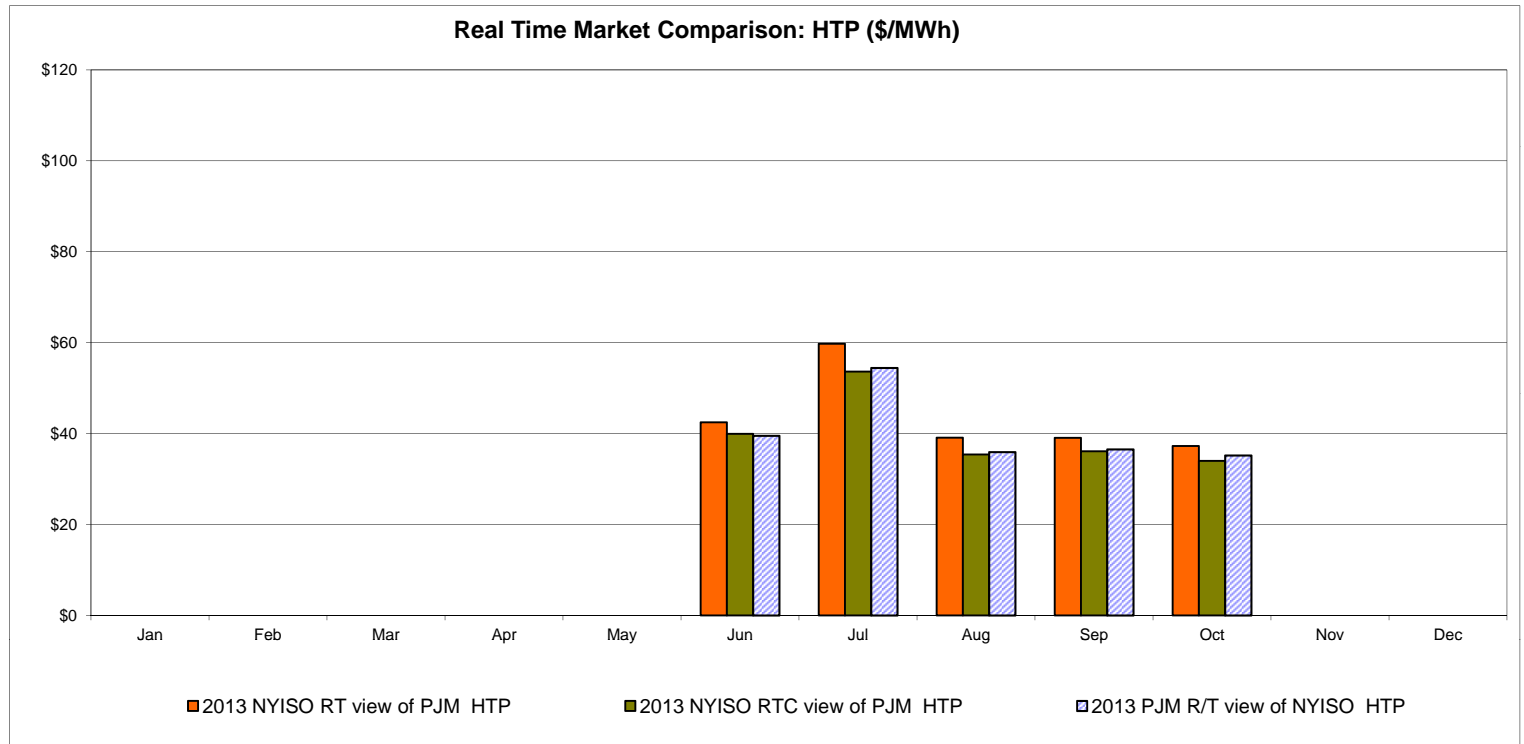
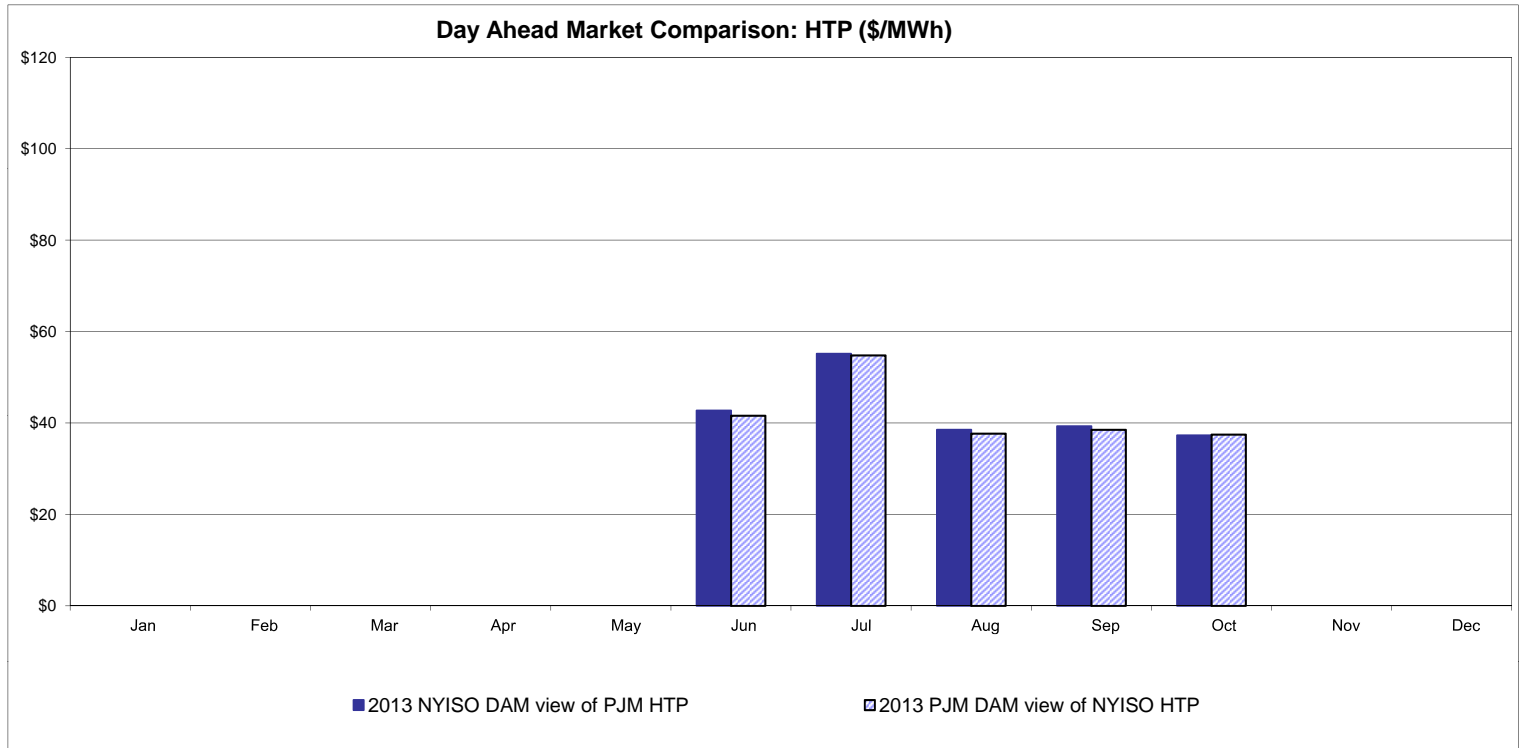
Note:  
Hydro-Quebec Prices are unavailable.

## External Controllable Line: Linden VFT (PJM)





## External Controllable Line: Hudson (PJM)

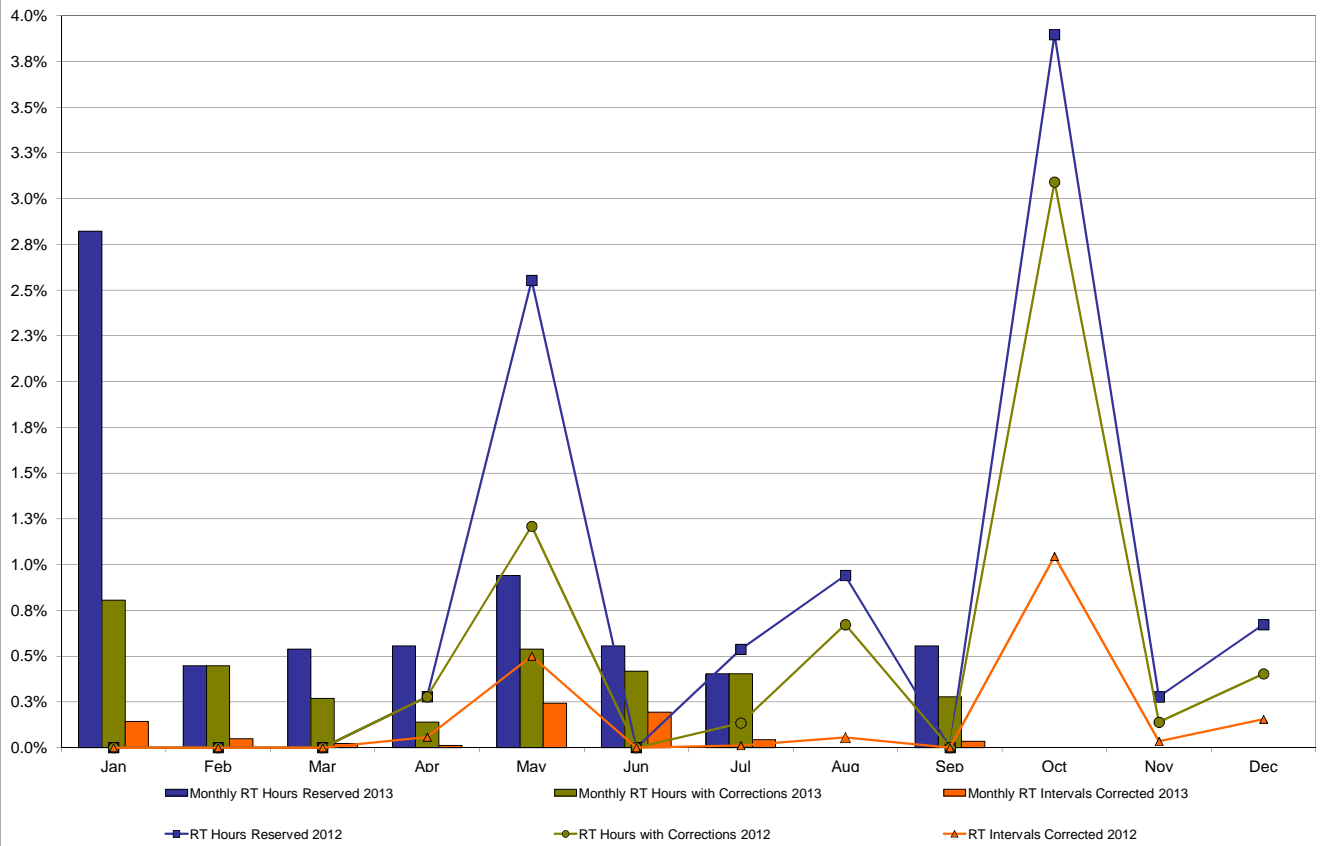


### NYISO Real Time Price Correction Statistics

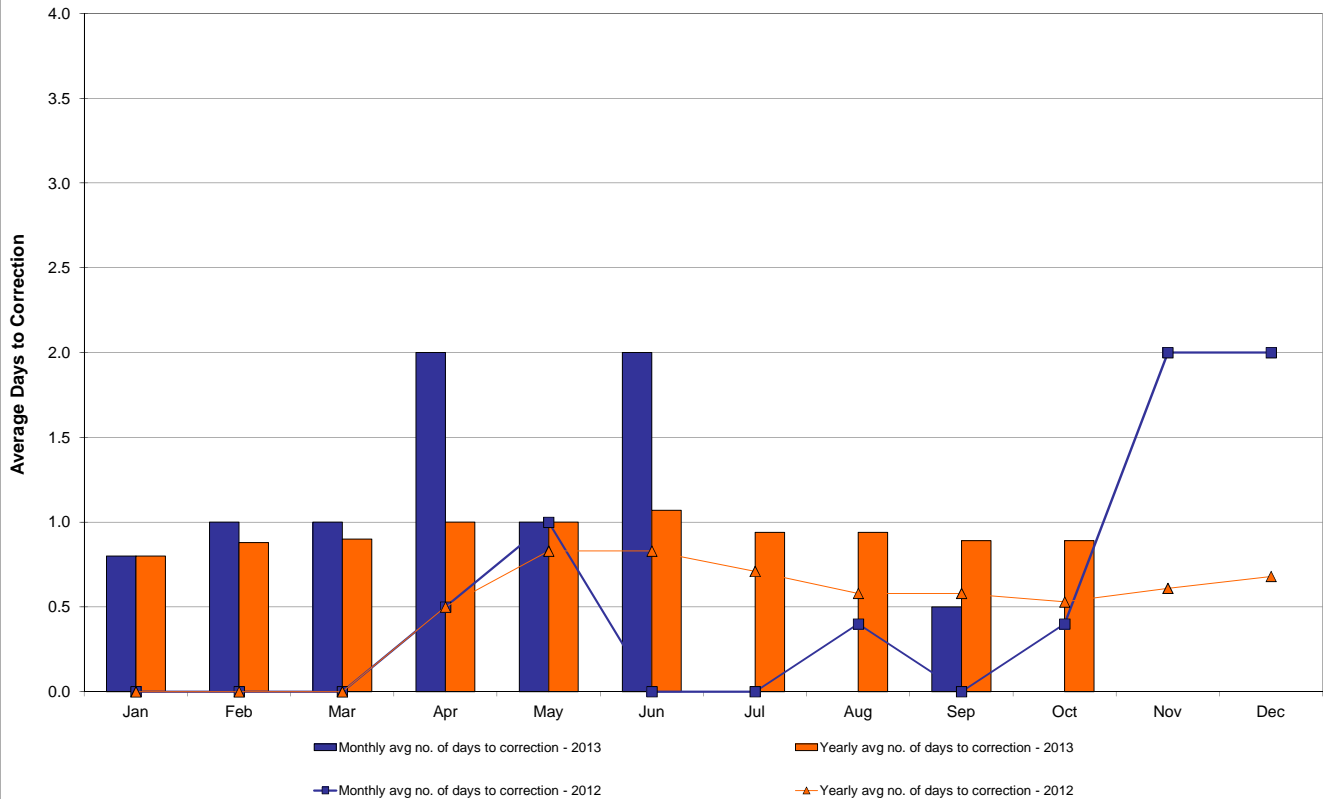
<b>2013</b>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Hour Corrections</u></b>													
Number of hours with corrections	in the month	6	3	2	1	4	3	3	0	2	0		
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744		
% of hours with corrections	in the month	0.81%	0.45%	0.27%	0.14%	0.54%	0.42%	0.40%	0.00%	0.28%	0.00%		
% of hours with corrections	year-to-date	0.81%	0.64%	0.51%	0.42%	0.44%	0.44%	0.43%	0.38%	0.37%	0.33%		
<b><u>Interval Corrections</u></b>													
Number of intervals corrected	in the month	13	4	2	1	22	17	4	0	3	0		
Number of intervals	in the month	9,104	8,230	9,026	8,727	9,083	8,740	9,079	9,002	8,760	9,041		
% of intervals corrected	in the month	0.14%	0.05%	0.02%	0.01%	0.24%	0.19%	0.04%	0.00%	0.03%	0.00%		
% of intervals corrected	year-to-date	0.14%	0.10%	0.07%	0.06%	0.10%	0.11%	0.10%	0.09%	0.08%	0.07%		
<b><u>Hours Reserved</u></b>													
Number of hours reserved	in the month	21	3	4	4	7	4	3	0	4	0		
Number of hours	in the month	744	672	743	720	744	720	744	744	720	744		
% of hours reserved	in the month	2.82%	0.45%	0.54%	0.56%	0.94%	0.56%	0.40%	0.00%	0.56%	0.00%		
% of hours reserved	year-to-date	2.82%	1.69%	1.30%	1.11%	1.08%	0.99%	0.90%	0.79%	0.76%	0.69%		
<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	0.00	0.00	0.50	0.00		
Avg. number of days to correction	year-to-date	0.80	0.88	0.90	1.00	1.00	1.07	0.94	0.94	0.89	0.89		
<b><u>Days Without Corrections</u></b>													
Days without corrections	in the month	26	25	29	29	28	29	29	31	28	31		
Days without corrections	year-to-date	26	51	80	109	137	166	195	226	254	285		
<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

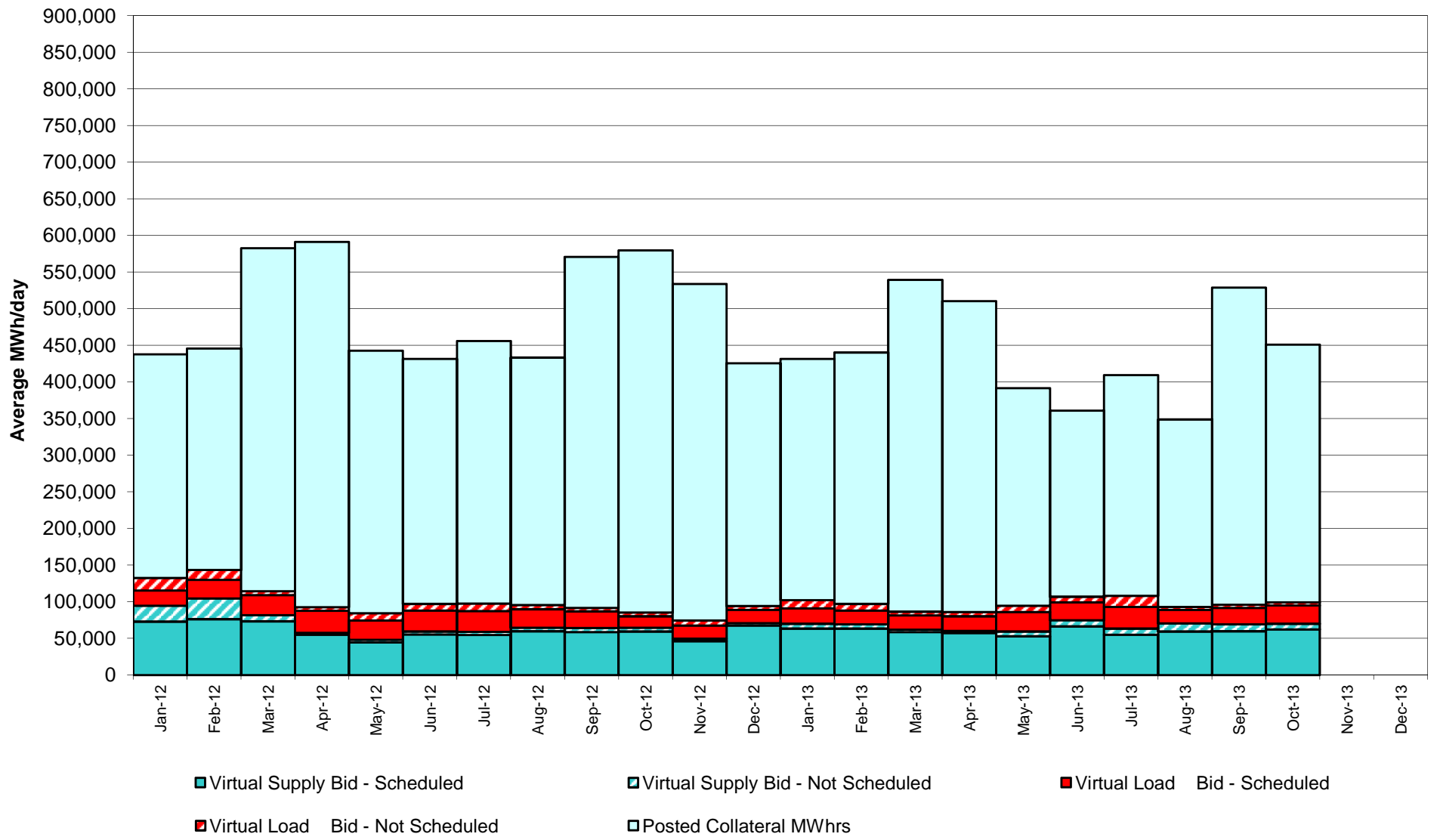


### Annual average time period for making Price Corrections (from reservation date) \*

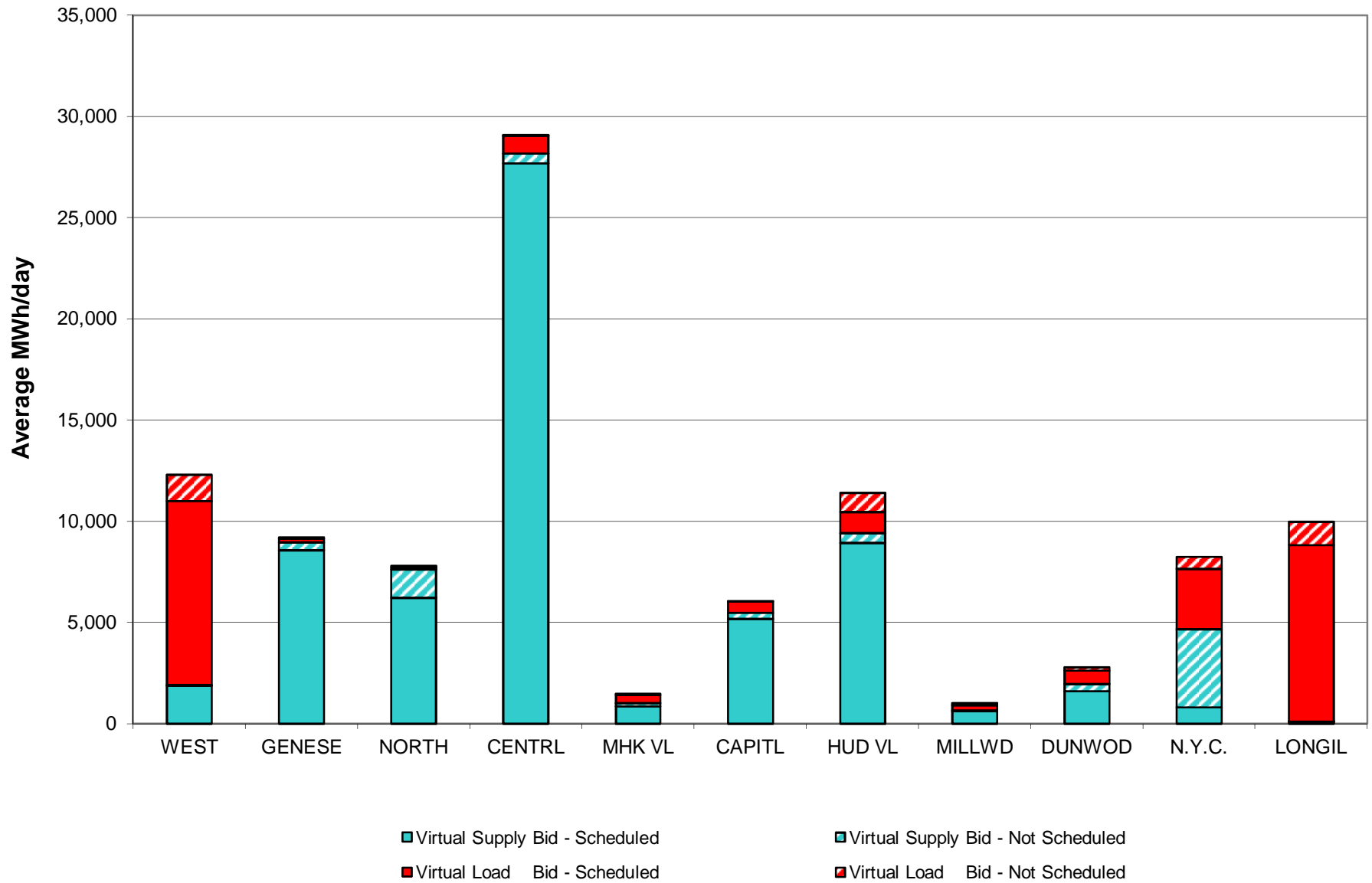


\* Calendar days from reservation date.

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



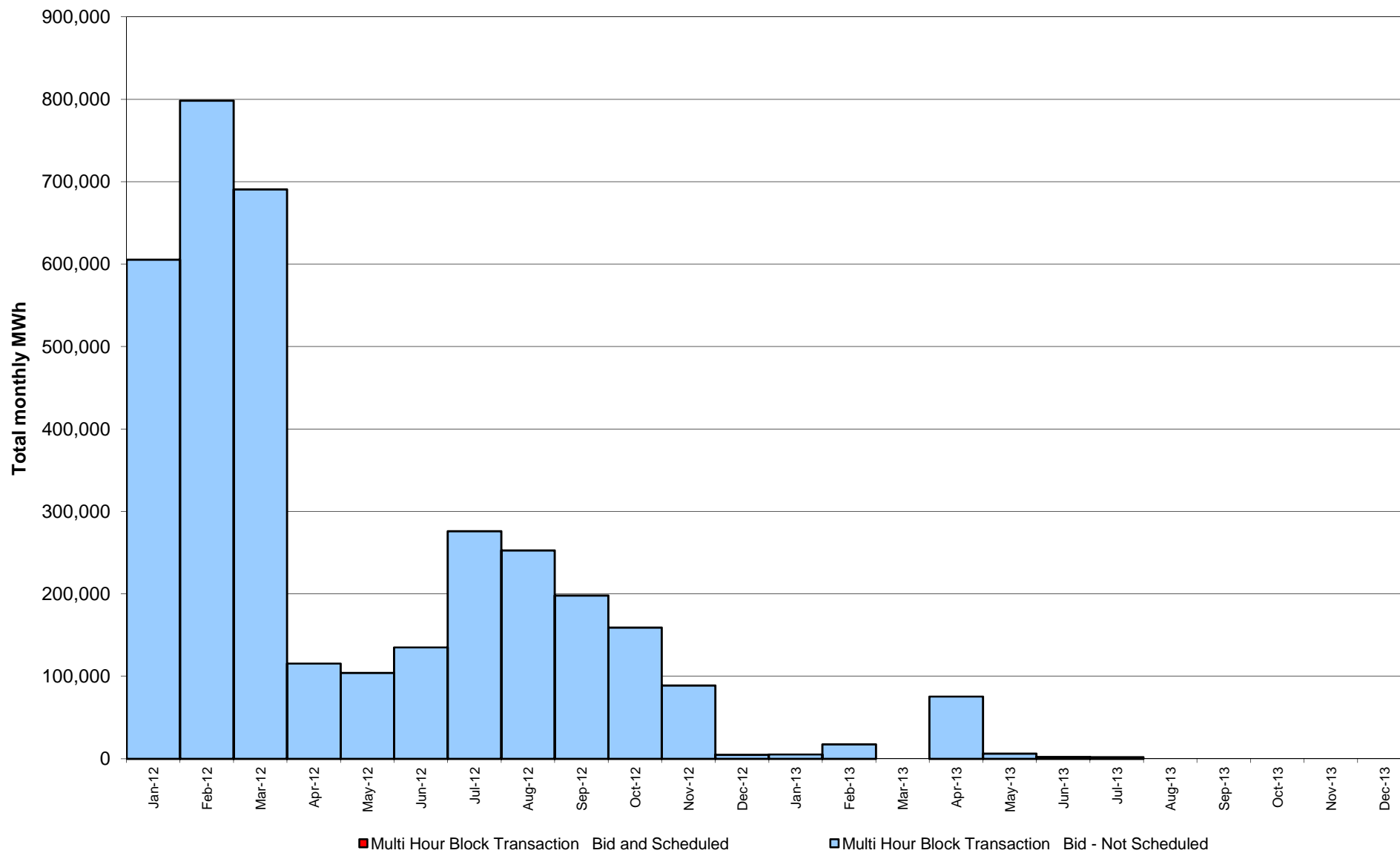
# Virtual Load and Supply Zonal Statistics through October 31, 2013



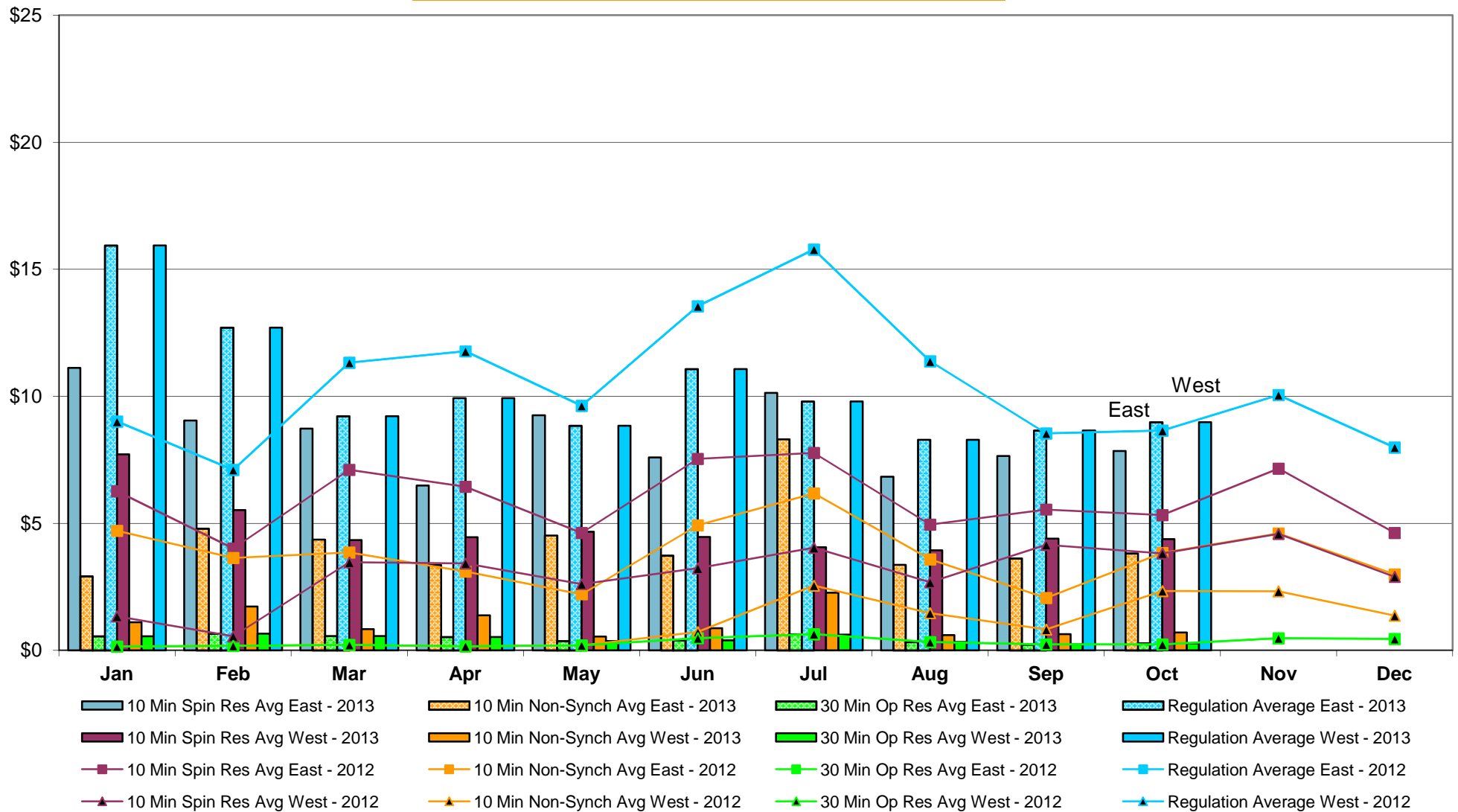
## Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2013

		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	1682	491
	Feb-13	3,366	263	3,940	151		Feb-13	480	324	370	72		Feb-13	448	294	2570	1216
	Mar-13	3,221	70	4,824	401		Mar-13	733	72	455	32		Mar-13	698	249	1630	270
	Apr-13	3,771	549	3,702	236		Apr-13	250	25	740	56		Apr-13	394	621	2361	242
	May-13	6,533	717	2,963	415		May-13	398	150	1140	198		May-13	2255	600	1359	258
	Jun-13	4,209	425	4,163	1,085		Jun-13	196	193	1227	523		Jun-13	3272	336	1362	354
	Jul-13	3,854	1,048	3,726	489		Jul-13	409	255	930	272		Jul-13	4064	1164	1299	205
	Aug-13	3,273	489	2,969	853		Aug-13	251	15	980	284		Aug-13	2572	277	1573	418
	Sep-13	3,906	348	1,961	164		Sep-13	229	129	1025	350		Sep-13	2952	376	1354	306
	Oct-13	9,086	1,299	1,886	34		Oct-13	404	61	878	148		Oct-13	657	150	1613	350
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				
GENESE	Jan-13	184	207	5,822	492	CAPITL	Jan-13	2053	1313	3977	1088	N.Y.C.	Jan-13	3192	2206	1171	414
	Feb-13	238	60	5,305	266		Feb-13	1175	1148	5323	585		Feb-13	3964	2187	689	450
	Mar-13	636	24	5,867	24		Mar-13	1945	452	4418	604		Mar-13	2474	688	623	45
	Apr-13	538	26	6,978	153		Apr-13	1573	981	3063	585		Apr-13	5374	558	545	24
	May-13	440	195	7,639	274		May-13	1254	624	2254	660		May-13	5443	753	394	40
	Jun-13	89	194	7,213	801		Jun-13	509	602	5483	638		Jun-13	5732	1097	755	999
	Jul-13	364	209	4,569	365		Jul-13	706	351	5081	630		Jul-13	7490	3998	1367	3129
	Aug-13	113	26	5,279	368		Aug-13	242	97	5676	1448		Aug-13	3461	682	2437	3792
	Sep-13	439	104	7,020	437		Sep-13	947	92	5345	370		Sep-13	3193	796	788	4052
	Oct-13	169	73	8,568	399		Oct-13	572	26	5192	294		Oct-13	2996	591	816	3852
	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	1042	9608	971	LONGIL	Jan-13	7420	3530	419	882
	Feb-13	376	72	5,234	969		Feb-13	1353	684	10729	819		Feb-13	6410	3439	442	682
	Mar-13	121	46	6,582	709		Mar-13	835	824	4831	783		Mar-13	7422	1814	579	135
	Apr-13	23	6	7,827	510		Apr-13	1724	621	7958	709		Apr-13	5474	1674	340	82
	May-13	91	59	8,434	735		May-13	3226	1375	7847	932		May-13	5758	3582	257	210
	Jun-13	55	34	6,624	1,688		Jun-13	1912	777	10419	1006		Jun-13	7152	3355	227	201
	Jul-13	63	7	6,321	1,293		Jul-13	2572	2122	6603	533		Jul-13	7750	5034	280	774
	Aug-13	125	247	5,247	1,649		Aug-13	1734	786	7344	1201		Aug-13	5680	930	267	289
	Sep-13	177	52	5,019	1,921		Sep-13	1532	1060	8072	1098		Sep-13	7662	1326	240	127
	Oct-13	97	86	6,233	1,394		Oct-13	1042	959	8933	479		Oct-13	8733	1154	92	1
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				
CENTRL	Jan-13	436	244	28,385	349	MILLWD	Jan-13	173	162	894	214	NYISO	Jan-13	20932	11035	63512	6579
	Feb-13	794	499	27,674	231		Feb-13	197	250	1250	184		Feb-13	18802	9219	63526	5626
	Mar-13	1,054	430	27,791	13		Mar-13	543	278	1028	211		Mar-13	19682	4947	58627	3227
	Apr-13	798	861	22,488	112		Apr-13	233	100	1147	183		Apr-13	20151	6021	57149	2892
	May-13	516	226	19,878	2,645		May-13	818	290	572	152		May-13	26733	8572	52738	6520
	Jun-13	1,015	229	28,370	554		Jun-13	603	452	715	301		Jun-13	24743	7693	66557	8150
	Jul-13	1,275	361	24,599	431		Jul-13	1076	503	329	79		Jul-13	29624	15052	55105	8198
	Aug-13	949	27	26,789	298		Aug-13	499	178	1059	122		Aug-13	18898	3754	59620	10722
	Sep-13	238	219	27,972	548		Sep-13	719	206	922	390		Sep-13	21995	4708	59717	9763
	Oct-13	845	74	27,696	494		Oct-13	239	121	607	61		Oct-13	24840	4594	62515	7508
	Nov-13						Nov-13						Nov-13				
	Dec-13						Dec-13						Dec-13				

# NYISO Multi Hour Block Transactions Monthly Total MWh

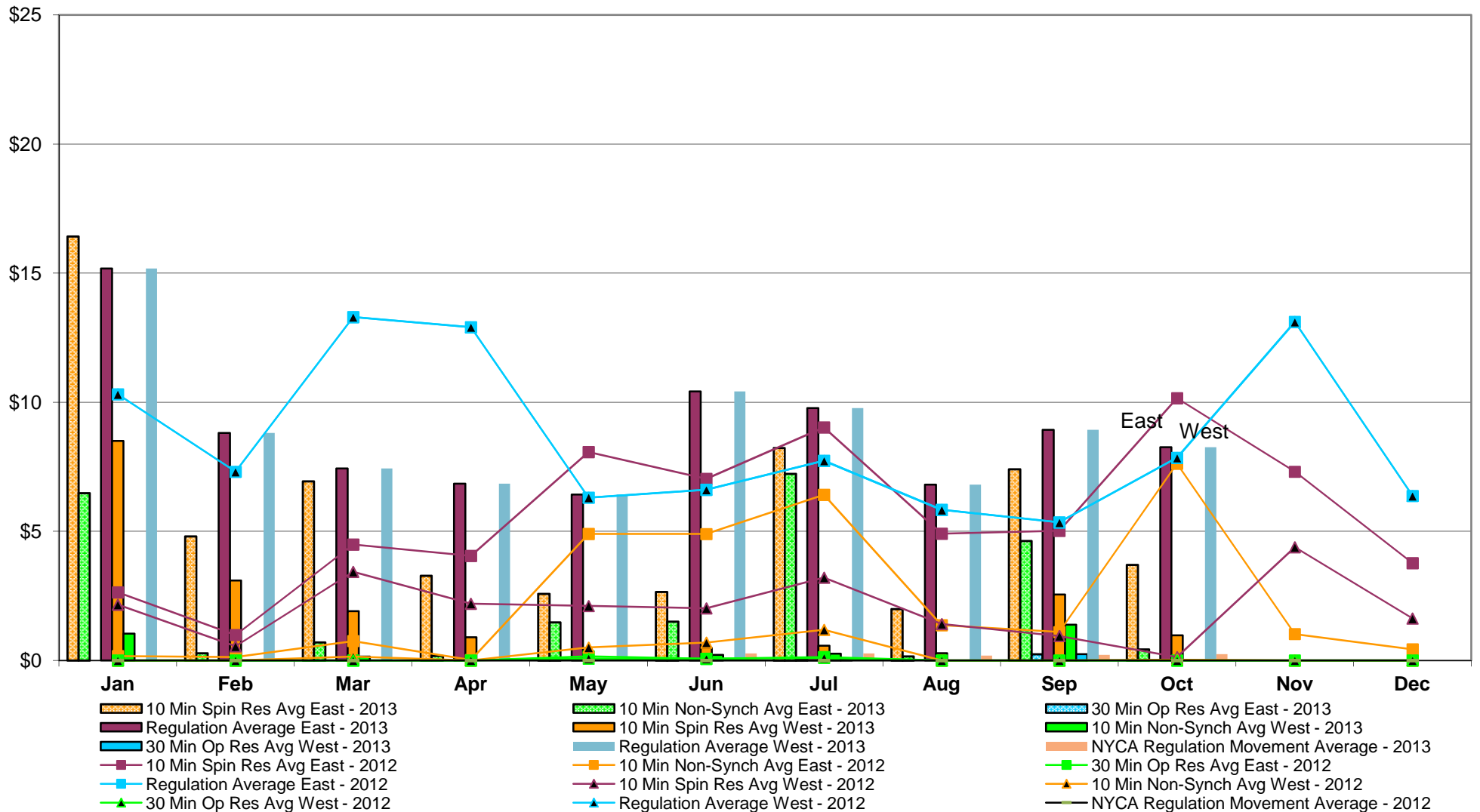


# **NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2012 - 2013**

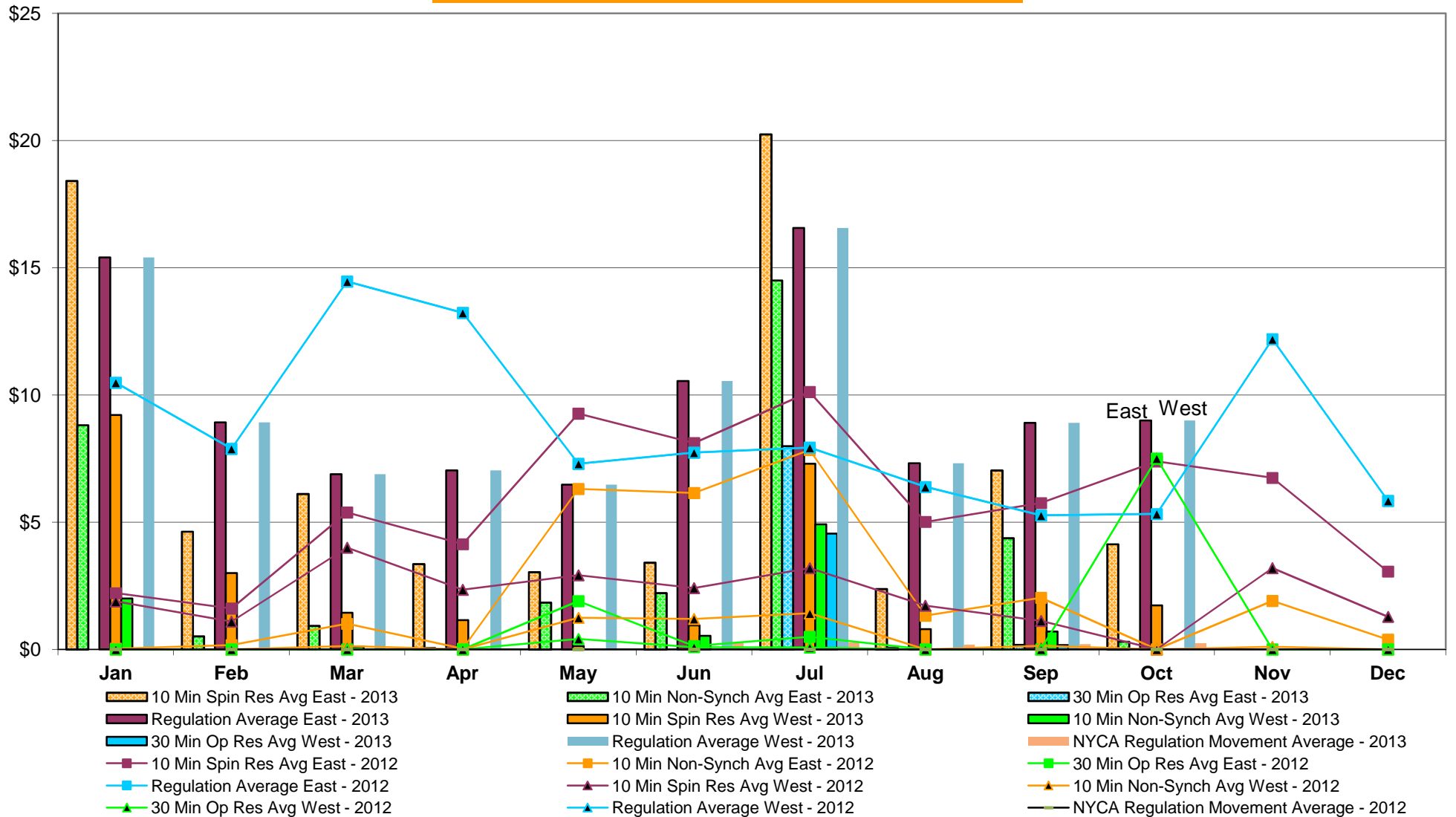




## NYISO Monthly Average Ancillary Service Prices RTC Market 2012 - 2013



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

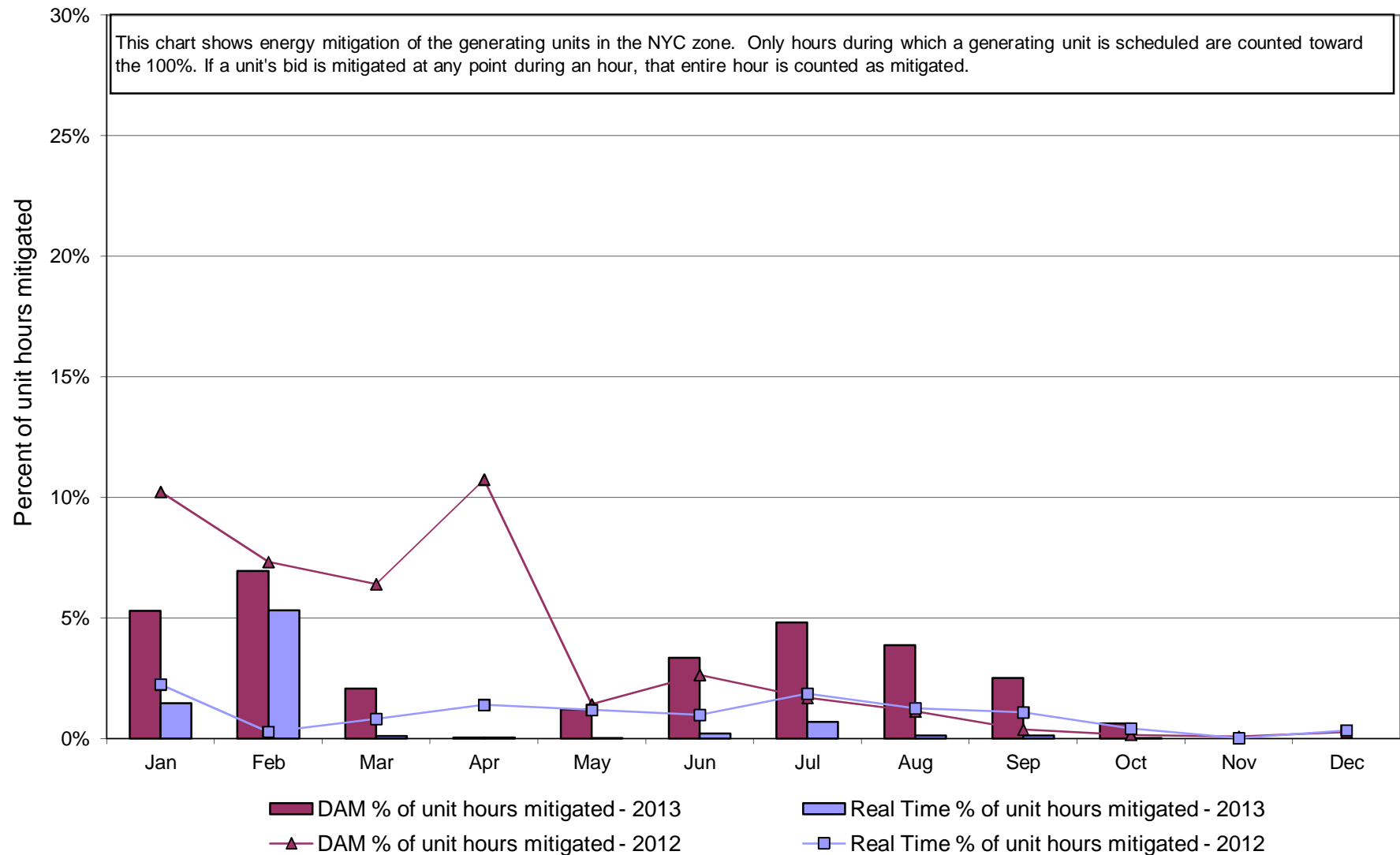


# NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

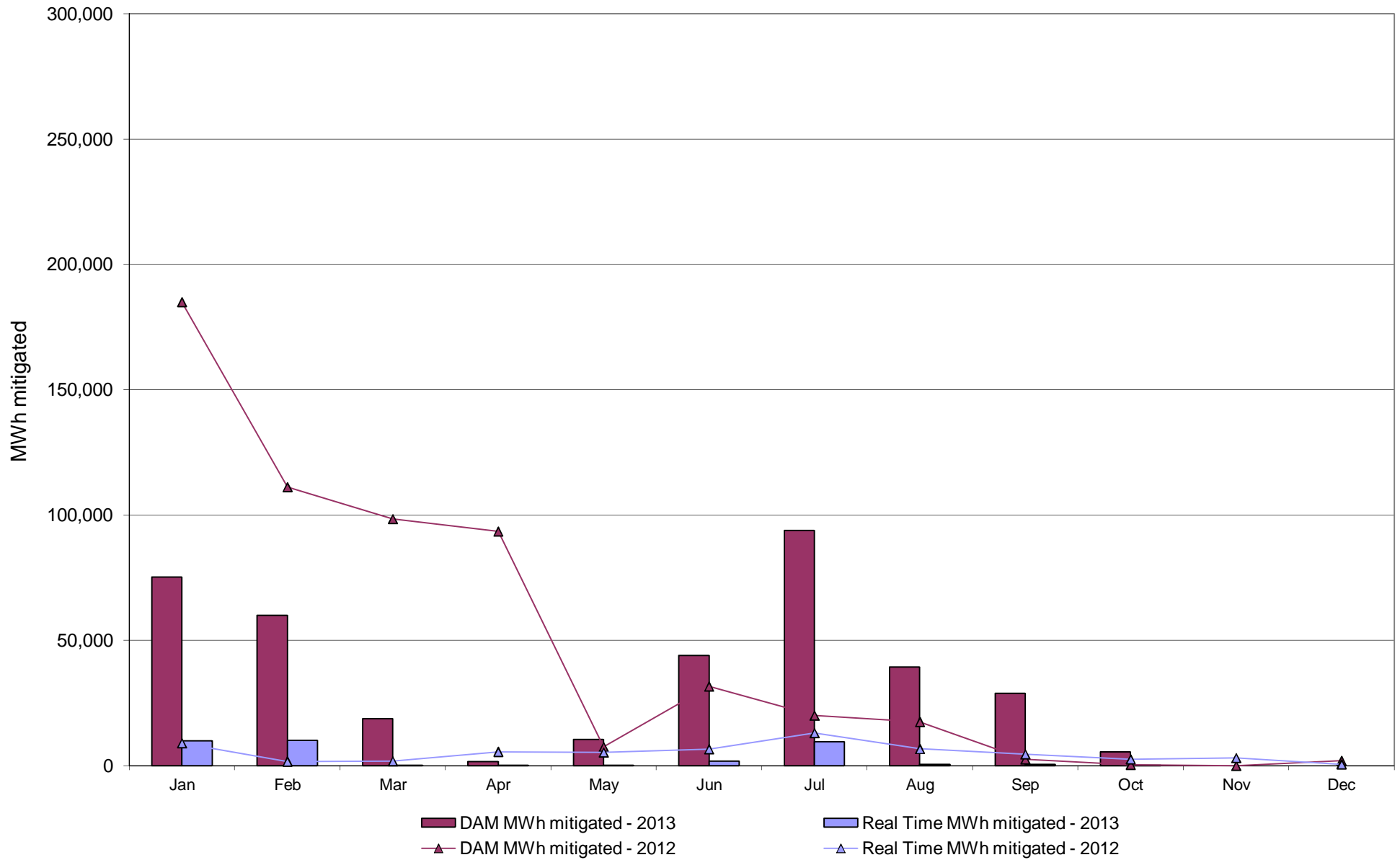
<u>2013</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Day Ahead Market</u></b>												
10 Min Spin East	11.12	9.05	8.73	6.49	9.25	7.59	10.13	6.84	7.65	7.85		
10 Min Spin West	7.72	5.53	4.34	4.46	4.67	4.46	4.06	3.94	4.40	4.38		
10 Min Non Synch East	2.91	4.79	4.36	3.36	4.52	3.73	8.31	3.37	3.62	3.82		
10 Min Non Synch West	1.11	1.73	0.84	1.38	0.55	0.88	2.27	0.60	0.63	0.70		
30 Min East	0.56	0.65	0.56	0.53	0.36	0.40	0.62	0.33	0.23	0.28		
30 Min West	0.56	0.65	0.56	0.53	0.36	0.40	0.62	0.33	0.23	0.28		
Regulation East	15.94	12.70	9.21	9.93	8.84	11.07	9.80	8.29	8.65	8.98		
Regulation West	15.94	12.70	9.21	9.93	8.84	11.07	9.80	8.29	8.65	8.98		
<b><u>RTC Market</u></b>												
10 Min Spin East	16.42	4.81	6.94	3.28	2.59	2.65	8.23	1.99	7.40	3.70		
10 Min Spin West	8.50	3.10	1.90	0.90	0.05	0.48	0.57	0.29	2.56	0.97		
10 Min Non Synch East	6.48	0.28	0.70	0.18	1.48	1.50	7.23	0.16	4.63	0.44		
10 Min Non Synch West	1.04	0.00	0.15	0.00	0.00	0.22	0.26	0.00	1.39	0.00		
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.24	0.00		
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.24	0.00		
Regulation East	15.18	8.81	7.43	6.84	6.42	10.42	9.77	6.81	8.93	8.26		
Regulation West	15.18	8.81	7.43	6.84	6.42	10.42	9.77	6.81	8.93	8.26		
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.27	0.28	0.18	0.21	0.24		
<b><u>Real Time Market</u></b>												
10 Min Spin East	18.42	4.63	6.12	3.35	3.03	3.41	20.24	2.37	7.03	4.14		
10 Min Spin West	9.22	3.00	1.44	1.15	0.13	0.94	7.29	0.80	1.83	1.73		
10 Min Non Synch East	8.81	0.52	0.93	0.06	1.84	2.22	14.51	0.07	4.37	0.31		
10 Min Non Synch West	2.00	0.00	0.10	0.00	0.00	0.53	4.91	0.00	0.70	0.00		
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	7.99	0.00	0.17	0.00		
30 Min West	0.00	0.00	0.00	0.00	0.00	0.00	4.55	0.00	0.17	0.00		
Regulation East	15.40	8.92	6.89	7.03	6.48	10.55	16.57	7.32	8.90	9.00		
Regulation West	15.40	8.92	6.89	7.03	6.48	10.55	16.57	7.32	8.90	9.00		
NYCA Regulation Movement	0.00	0.00	0.00	0.00	0.00	0.27	0.27	0.19	0.21	0.24		
<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

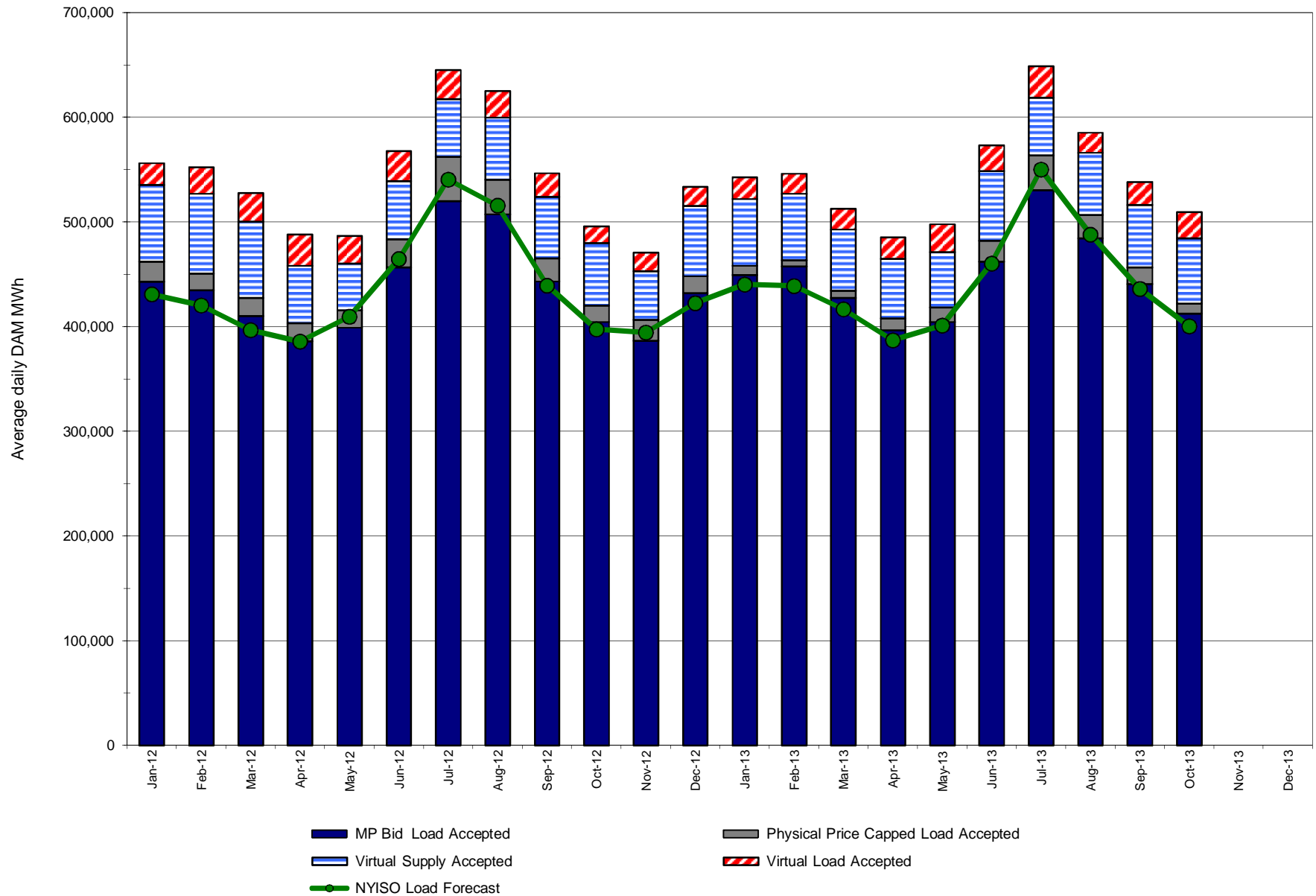
### Percentage of committed unit-hours mitigated



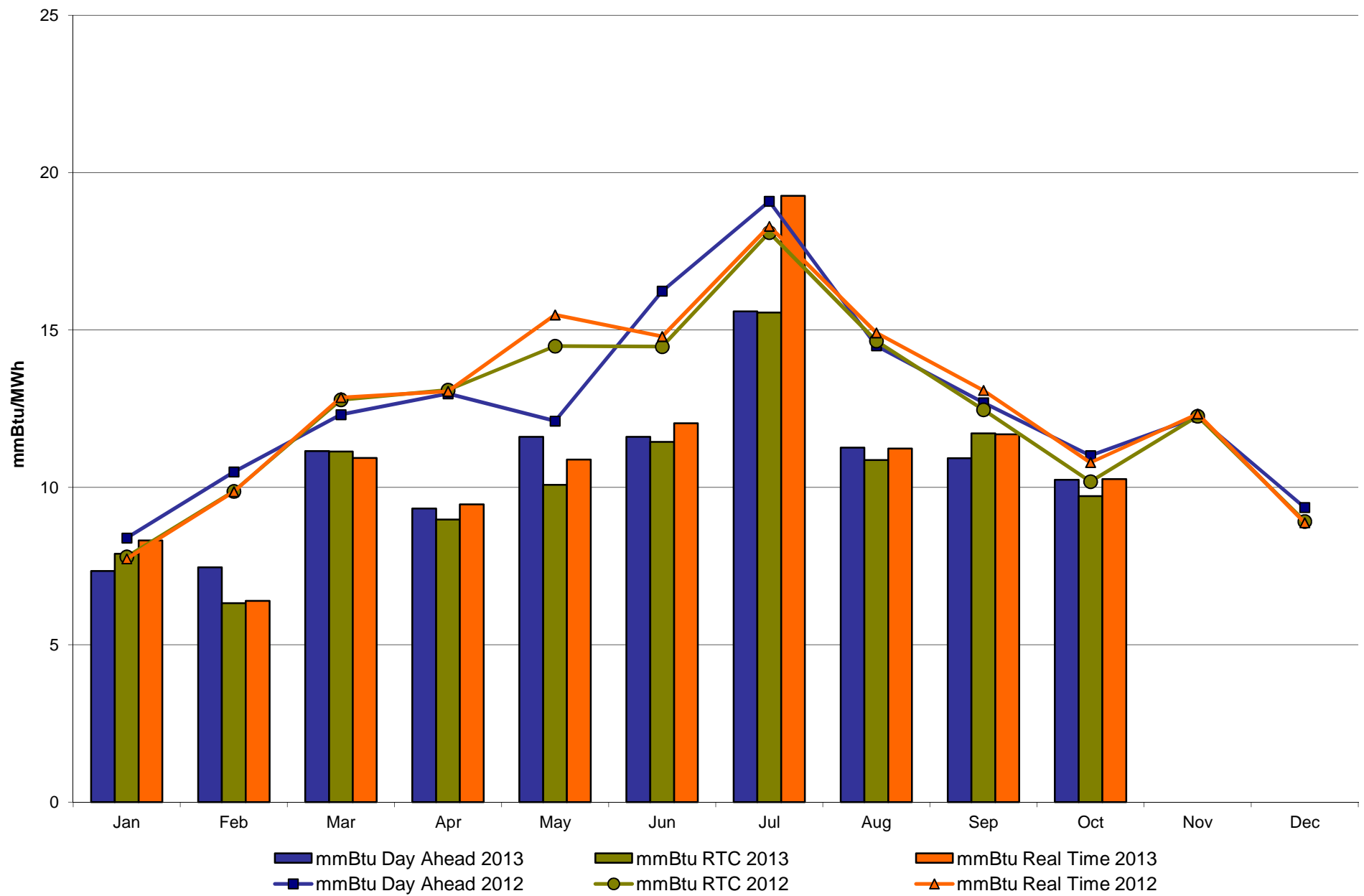
**NYISO In City Energy Mitigation (NYC Zone) 2012 - 2013**  
**Monthly megawatt hours mitigated**



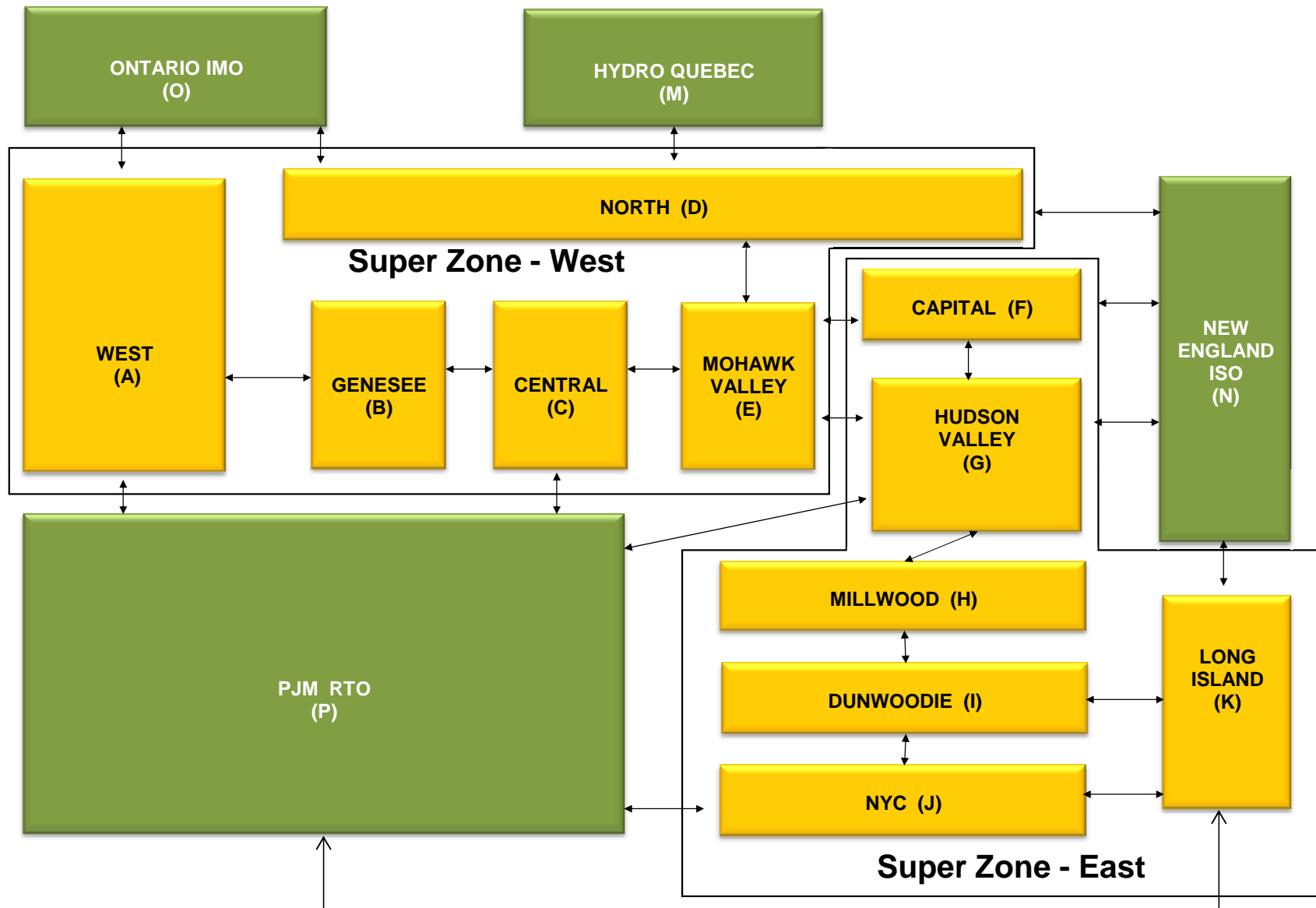
# NYISO Average Daily DAM Load Bid Summary



## Monthly Implied Heat Rate 2012-2013



# NYISO LBMP ZONES

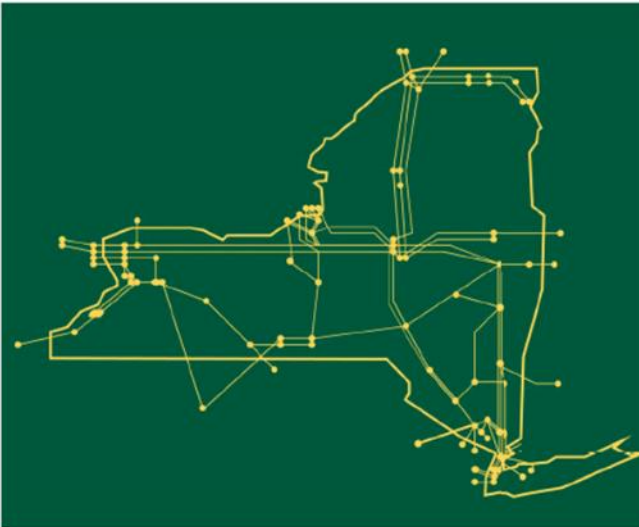




**Billing Codes for Chart 4-C**

<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>
11/29/2013	NYISO triennial filing re: ICAP demand curves	ER04-44-000 and ER12-360-000

### 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>
09/05/2013	NYISO filing re: amendments to the market power mitigation measures	ER13-298-001	11/05/2013	FERC letter order accepting filing effective September 25, 2013, as requested but directing a compliance filing within 30 days to remove obsolete or moot provisions
10/01/2013	NYISO tariff filing re: allowing longer term Long Island TCCs to be offered in the NYISO centralized TCC auctions for durations of up to three years	ER14-2-000	11/01/2013	FERC letter order accepting filing effective November 30, 2013, as requested
10/04/2013	NYISO filing of a motion re: request to extend a limited tariff waiver period in order to complete the bundled package of software improvements prior to deployment	ER13-2016-000	10/24/2013	FERC notice granting NYISO an extension of its limited tariff waiver up to and including November 14, 2013

### Recently Submitted Filings

<b>Filing Date</b>	<b>Filing Summary</b>	<b>Docket Number</b>
10/22/2013	NYISO filing of a notice of implementation of real-time guarantee mitigation software for regulation capacity and regulation movement bids	ER13-2016-000
10/22/2013	NYISO filing of a request to file a limited answer out-of-time re: Demand Response Supporter's answer to NYISO's Order No. 745 compliance filing	ER11-4338-002

Draft – For Discussion Purposes Only

10/28/2013	NYISO filing re: request for reconsideration of the 8/13/13 FERC order concerning rejection a proposed phase-in of the price impacts of the new capacity zone (G-J Locality)	ER13-1380-003
10/30/2013	NYISO filing of a notice of delayed implementation of real-time guarantee payment mitigation software	ER13-2016-000
10/30/2013	NYISO and Con Edison joint 205 filing of an amended and restated large generator interconnection agreement among NYISO, Con Ed and Bayonne Energy Center	ER14-235-000
10/31/2013	NYISO filing of a request to withdraw the NYISO and Con Edison joint 205 filing of an amended and restated large generator interconnection agreement among NYISO, Con Ed and Bayonne Energy Center	ER14-235-000
10/31/2013	NYISO and Con Edison refiling of a corrected joint 205 filing of an amended and restated large generator interconnection agreement among NYISO, Con Ed and Bayonne Energy Center	ER14-239-000
10/31/2013	NYISO filing of an informational report re: implementation of enhancements to the scarcity pricing mechanism	ER13-909-000
11/04/2013	NYISO compliance filing re: NYPA's amended annual transmission revenue requirement as listed in OATT Section 14.2	ER12-2317-001
11/04/2013	NYISO 205 filing re: OATT revisions to the Prohibited Investments provisions	ER14-308-000
11/04/2013	NYISO 205 filing re: ISO Agreement revisions to the Prohibited Investments provisions	ER14-309-000
11/06/2013	NYISO filing re: notice to inform FERC that it intends to incorporate Regulation Capacity and Regulation Movement Bids and reference levels into the NYISO's RTGP mitigation software on 11/13/13	ER13-2016-000
11/12/2013	NYISO compliance filing re: FERC Order No. 764 concerning integration of variable energy resources	ER14-385-000
11/13/2013	NYISO filing re: answer to a third party protest concerning proposed SCR ICAP program enhancements	ER14-39-000