
NYISO CEO/COO Report

*Management Committee Meeting
May 19, 2010*

Agenda #3

Report Items

CEO Report

- DOE Stimulus Project
- Control Center
- June 14, 2010 Joint Board/MC Meeting
- 2010 Rate Schedule 1 Recoveries

COO Report

- Market Performance Highlights – For Information Only
- Uplift

**Joint Board/MC Meeting
June 14, 2010**

Topics for Discussion

- **Next 10 Years**
 - **Public Policy**
 - **Competitive Markets – NYISO's role as administrator of those markets**
- **NYISO Responsiveness**
 - **FERC Proceeding on ISO/RTO Responsiveness**
 - **NYS Legislative Proposals related to the NYISO & its markets**
 - **NYISO Plans or Initiatives in this area**

2010 Rate Schedule 1 Recoveries

(\$ in millions, unless otherwise noted)

For Discussion Purposes Only

Mary K. McGarvey
Vice President & Chief Financial Officer
Management Committee
May 19, 2010

Summary of Historical MWh Volumes

STATISTICS ON MWH VOLUME PER YEAR											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
January	14.0	14.6	13.2	14.3	14.9	14.7	14.2	14.7	16.0	15.3	14.5
February	12.8	13.0	11.8	12.8	13.1	12.6	13.0	14.5	14.6	12.9	12.9
March	12.5	13.7	12.5	13.2	13.3	13.7	14.0	14.4	14.8	13.3	13.0
April	11.6	12.2	12.0	12.0	12.0	12.3	12.3	13.4	13.4	12.3	11.8
May	12.8	13.0	12.2	12.1	13.4	12.6	13.2	14.2	14.3	12.7	-
June	13.8	14.3	13.7	13.4	14.1	15.6	15.0	15.2	16.6	13.1	-
July	14.1	14.5	16.1	15.4	15.3	17.1	17.9	16.7	18.7	14.8	-
August	14.9	16.2	16.0	15.4	15.2	17.7	17.1	17.3	16.4	16.2	-
Sept.	13.2	13.0	13.8	13.1	13.5	15.2	13.4	14.7	14.6	13.0	-
October	12.4	12.6	12.9	12.7	12.4	13.8	13.2	14.1	13.5	12.7	-
November	14.1	12.1	12.5	12.4	12.2	13.2	13.1	13.7	13.8	12.3	-
December	15.0	12.8	13.8	14.0	14.0	14.9	13.9	15.3	14.6	14.6	-
Total by Year	161.2	162.0	160.5	160.8	163.4	173.4	170.3	178.1	181.3	163.2	52.2
Average	13.4	13.5	13.4	13.4	13.6	14.5	14.2	14.8	15.1	13.6	13.1

2010 YTD Rate Schedule 1 Recoveries

2010 MWH Comparison: Forecast vs. Actual						
Invoice Month	Forecast MWH	Actual MWH	Monthly Differential MWH	Cumulative Differential MWH	Monthly \$ Impact	Cumulative \$ Impact (in millions)
					<i>Over/(Under)</i>	<i>Over/(Under)</i>
Jan	14.5	14.5	(0.0)	(0.0)	\$ (0.0)	\$ (0.0)
Feb	13.0	12.9	(0.1)	(0.1)	\$ (0.1)	\$ (0.1)
Mar	13.6	13.0	(0.6)	(0.7)	\$ (0.5)	\$ (0.6)
Apr	12.3	11.8	(0.5)	(1.2)	\$ (0.4)	\$ (1.1)
May	12.9	-	-	-	-	-
Jun	14.5	-	-	-	-	-
Jul	16.4	-	-	-	-	-
Aug	16.4	-	-	-	-	-
Sep	13.7	-	-	-	-	-
Oct	13.1	-	-	-	-	-
Nov	12.8	-	-	-	-	-
Dec	14.1	-	-	-	-	-
Total	167.3	52.2	(1.2)			

2010 Projected Rate Schedule 1 Recoveries

Based on 2010 Gold Book

Year	Net Load	Exports	Wheels	Forecast	Budget	Over/ Under
Q1 (Actual)	38,017	1,874	390	40,281	41,090	-809
Q2 (Projection)	37,700	1,800	350	39,850	40,460	-610
Q3 (Projection)	40,060	1,800	350	42,210	42,960	-750
Q4 (Projection)	39,890	1,800	350	42,040	42,790	-750
Annual	155,667	7,274	1,440	164,381	167,300	-2,919

Projected 2010 RS1 MWh Shortfall	2,919,000 MWh
Times: 2010 RS1 charge per MWh	<u>\$0.892</u>
Equals: 2010 Projected RS1 Undercollection	\$2.6M

The projected 2010 RS1 undercollection of \$2.6M should be considered in conjunction with the disposition of \$1.1M in remaining funds from the 2009 budget cycle.

2010 Budget Impacts

- **Status of NYISO 2010 Budgetary Spending:**
 - *No significant variations from budget.*

- **Areas of Potential Concern for 2010 Budget:**
 - *Projected RS1 Revenue Undercollection of \$2.6M*

 - *Projected shortfall in Interest Income of \$0.5M*

 - *Budget impact of 2010 FERC Fees Assessment - ???*

 - *Budget impact of Infrastructure Master Plan - ???*

- **Open Item:**
 - *Disposition of \$1.1M in funds remaining from 2009 budget cycle.*

Next Steps

- April 13: Discussion at Budget & Priorities Working Group
- May 7: Discussion at Budget & Priorities Working Group
- May 19: Discussion at Management Committee

- June 17: PSC decision on Infrastructure Master Plan?

- June 24: Discussion at Budget & Priorities Working Group

- June / July: Impact of 2010 FERC Fees assessment known

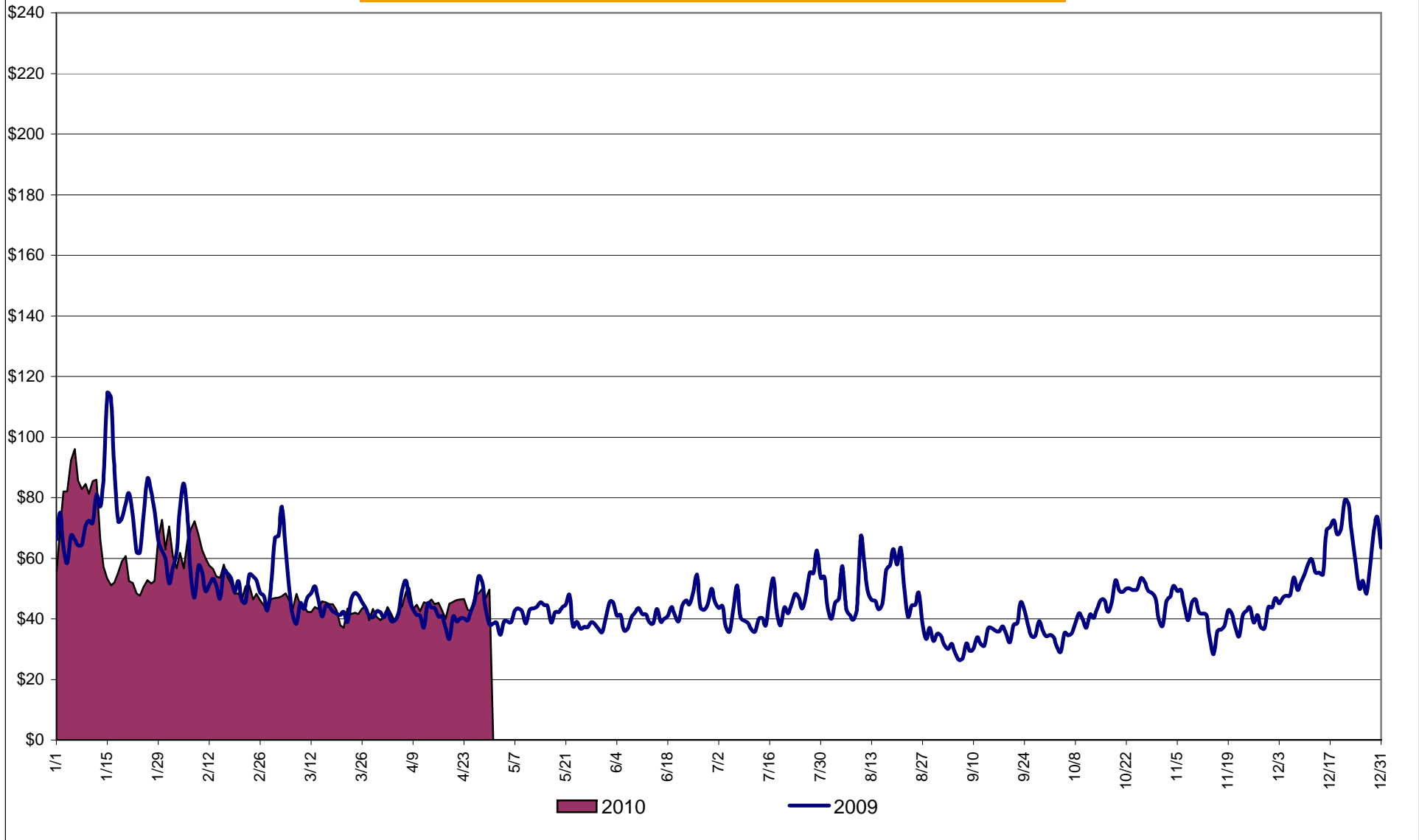
- July: Decision regarding the disposition of \$1.1M remaining from 2009

- July 22: Discussion at Budget & Priorities Working Group

Market Performance Highlights for April 2010

- **LBMP for April is \$41.56/MWh, up from \$40.19/MWh in March 2010.**
 - Average monthly cost is \$45.13/MWh, up from \$43.71/MWh in March 2010.
 - Day Ahead and Real Time LBMPs have increased from March 2010.
- **Average daily sendout is 387GWh/day in April, down from 410GWh/day in March 2010 and lower than the April 2009 sendout of 400GWh/day.**
- **Natural Gas price is down this month while the distillates are up compared to last month.**
 - Kerosene is \$17.09/MMBtu, up from \$16.10/MMBtu in March.
 - No. 2 Fuel Oil is \$15.72/MMBtu, up from \$14.81/MMBtu in March.
 - No. 6 Fuel Oil is \$12.38/MMBtu, up from \$11.93/MMBtu in March.
 - Natural Gas is \$4.33/MMBtu, down from \$4.68/MMBtu in March.
- **Uplift per MWh is down from the previous month.**
 - Uplift (not including NYISO cost of operations) is \$0.61/MWh, down from \$0.82/MWh in March.
 - There were no TSA events.
 - The Local Reliability Share is \$0.39/MWh
 - The Other Share is \$0.22/MWh
 - Total uplift (Schedule 1 components including NYISO Cost of Operations) decreased in April to \$15.5 million from \$19.8 million in March.

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)*
 2009 Annual Average \$48.69/MWh
 April 2009 YTD Average \$56.83/MWh
 April 2010 YTD Average \$53.64/MWh



* Excludes ICAP payments.

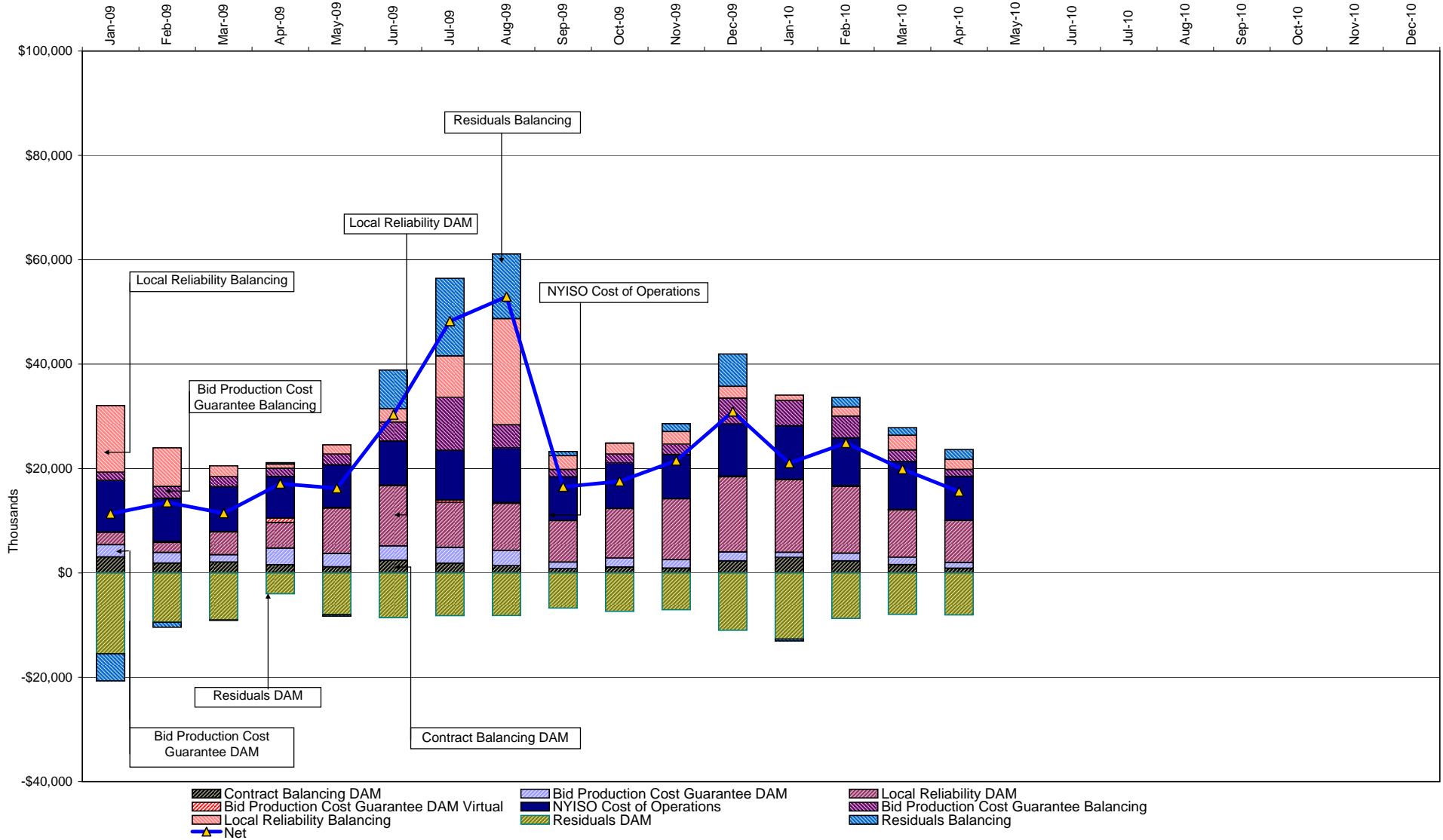
NYISO Average Cost/MWh (Energy and Ancillary Services) *
from the LBMP Customer point of view

2010	<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	63.90	52.44	40.19	41.56								
NTAC	0.70	0.77	0.88	1.19								
Reserve	0.19	0.17	0.26	0.29								
Regulation	0.44	0.37	0.40	0.32								
NYISO Cost of Operations	0.71	0.71	0.71	0.71								
Uplift	0.76	1.22	0.82	0.61								
Uplift: TSA Share	-	-	-	-								
Uplift: Local Reliability Share	0.54	0.72	0.49	0.39								
Uplift: Other Share	0.22	0.50	0.33	0.22								
Voltage Support and Black Start	<u>0.44</u>	<u>0.44</u>	<u>0.44</u>	<u>0.44</u>								
Avg Monthly Cost	67.15	56.13	43.71	45.13								
Avg YTD Cost	67.15	62.07	56.32	53.64								
2009	<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	73.30	52.75	45.64	39.66	37.83	39.01	40.68	43.65	31.74	39.74	37.87	55.63
NTAC	0.45	0.53	0.36	0.87	0.58	0.77	0.63	0.61	0.62	0.65	0.81	0.76
Reserve	0.26	0.35	0.31	0.24	0.30	0.23	0.24	0.16	0.24	0.26	0.20	0.21
Regulation	0.45	0.48	0.55	0.37	0.31	0.37	0.29	0.24	0.32	0.44	0.38	0.42
NYISO Cost of Operations	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.69	0.69	0.69
Uplift	0.11	0.41	0.21	0.67	0.63	1.71	2.66	2.75	0.63	0.70	1.07	1.45
Uplift: TSA Share	-	-	0.00	0.02	0.02	0.43	0.71	0.41	-	-	-	-
Uplift: Local Reliability Share	0.15	0.28	0.12	0.22	0.41	0.80	0.91	1.53	0.40	0.46	0.70	0.78
Uplift: Other Share	(0.04)	0.13	0.09	0.43	0.20	0.48	1.04	0.81	0.23	0.24	0.37	0.67
Voltage Support and Black Start	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>	<u>0.34</u>
Avg Monthly Cost	75.55	55.50	48.06	42.81	40.65	43.08	45.49	48.39	34.55	42.81	41.35	59.50
Avg YTD Cost	75.55	66.83	60.97	56.83	53.90	52.08	51.00	50.57	48.74	48.17	47.62	48.69

* Excludes ICAP payments.

These numbers reflect the true-ups thru December 2009.

NYISO Dollar Flows - Uplift - OATT Schedule 1 components - Data through April 30, 2010



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

2010	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	14,034,781	12,593,305	12,922,930	11,769,468								
DAM LSE Internal LBMP Energy Sales	49%	46%	47%	53%								
DAM External TC LBMP Energy Sales	2%	3%	1%	1%								
DAM Bilateral - Internal Bilaterals	41%	43%	43%	39%								
DAM Bilateral - Import/Non-LBMP Market Bilaterals	6%	5%	5%	4%								
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	2%								
DAM Bilateral - Wheel Through Bilaterals	2%	1%	1%	1%								
Balancing Energy Market MWh	377,994	280,238	21,148	637								
Balancing Energy LSE Internal LBMP Energy Sales	40%	53%	-427%	-14017%								
Balancing Energy External TC LBMP Energy Sales	56%	50%	593%	17099%								
Balancing Energy Bilateral - Internal Bilaterals	9%	7%	191%	6847%								
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	2%	35%								
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	8%	117%	3606%								
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-18%	-376%	-13470%								
Transactions Summary												
LBMP	52%	50%	49%	54%								
Internal Bilaterals	40%	43%	43%	39%								
Import Bilaterals	5%	5%	5%	4%								
Export Bilaterals	2%	2%	2%	2%								
Wheels Through	1%	1%	1%	1%								
Market Share of Total Load												
Day Ahead Market	97.4%	97.8%	99.8%	100.0%								
Balancing Energy +	2.6%	2.2%	0.2%	0.0%								
Total MWh	14,412,775	12,873,543	12,944,078	11,770,104								
Average Daily Energy Sendout/Month GWh	451	444	410	387								

2009	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Day Ahead Market MWh	14,570,391	12,511,009	13,160,913	12,121,505	12,324,218	13,159,069	14,549,784	15,547,976	12,761,517	12,385,591	12,446,286	14,046,621
DAM LSE Internal LBMP Energy Sales	45%	44%	46%	47%	43%	48%	51%	53%	53%	50%	47%	46%
DAM External TC LBMP Energy Sales	4%	2%	1%	1%	2%	2%	1%	1%	1%	1%	2%	3%
DAM Bilateral - Internal Bilaterals	45%	47%	45%	45%	48%	43%	42%	40%	39%	43%	44%	43%
DAM Bilateral - Import/Non-LBMP Market Bilaterals	4%	5%	5%	5%	5%	5%	5%	5%	5%	4%	5%	5%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	2%	1%
DAM Bilateral - Wheel Through Bilaterals	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%
Balancing Energy Market MWh	699,813	282,553	70,320	152,623	272,508	-115,653	131,797	560,968	170,324	238,124	-165,015	432,170
Balancing Energy LSE Internal LBMP Energy Sales	56%	39%	-111%	-31%	28%	-247%	-99%	65%	7%	54%	-124%	49%
Balancing Energy External TC LBMP Energy Sales	38%	46%	150%	118%	74%	141%	140%	29%	76%	53%	55%	46%
Balancing Energy Bilateral - Internal Bilaterals	8%	19%	68%	20%	10%	23%	53%	6%	18%	0%	6%	7%
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	1%	5%	16%	8%	4%	8%	12%	2%	8%	9%	14%	8%
Balancing Energy Bilateral - Wheel Through Bilaterals	-2%	-10%	-24%	-15%	-15%	-27%	-6%	-2%	-8%	-16%	-50%	-10%
Transactions Summary												
LBMP	51%	47%	48%	48%	46%	49%	51%	55%	55%	52%	48%	50%
Internal Bilaterals	43%	46%	45%	44%	47%	44%	42%	38%	38%	42%	45%	42%
Import Bilaterals	4%	5%	5%	5%	5%	5%	5%	5%	5%	4%	5%	5%
Export Bilaterals	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	2%	2%
Wheels Through	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	0%	1%
Market Share of Total Load												
Day Ahead Market	95.4%	97.8%	99.5%	98.8%	97.8%	100.9%	99.1%	96.5%	98.7%	98.1%	101.3%	97.0%
Balancing Energy +	4.6%	2.2%	0.5%	1.2%	2.2%	-0.9%	0.9%	3.5%	1.3%	1.9%	-1.3%	3.0%
Total MWh	15,270,204	12,793,562	13,231,233	12,274,128	12,596,725	13,043,416	14,681,581	16,108,945	12,931,841	12,623,715	12,281,271	14,478,791
Average Daily Energy Sendout/Month GWh	470	447	422	400	396	427	469	511	425	400	401	447

+ 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 2010 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>DAY AHEAD LBMP</u>												
Price *	\$60.96	\$50.47	\$38.69	\$40.13								
Standard Deviation	\$20.86	\$13.07	\$7.78	\$8.09								
Load Weighted Price **	\$62.80	\$51.71	\$39.60	\$41.18								
<u>RTC LBMP</u>												
Price *	\$59.32	\$49.38	\$37.94	\$40.58								
Standard Deviation	\$33.92	\$24.97	\$14.48	\$13.84								
Load Weighted Price **	\$60.85	\$50.16	\$38.64	\$41.54								
<u>REAL TIME LBMP</u>												
Price *	\$60.40	\$50.45	\$38.09	\$40.49								
Standard Deviation	\$42.06	\$30.38	\$19.24	\$17.00								
Load Weighted Price **	\$63.13	\$51.69	\$39.19	\$41.62								
Average Daily Energy Sendout/Month GWh	451	444	410	387								

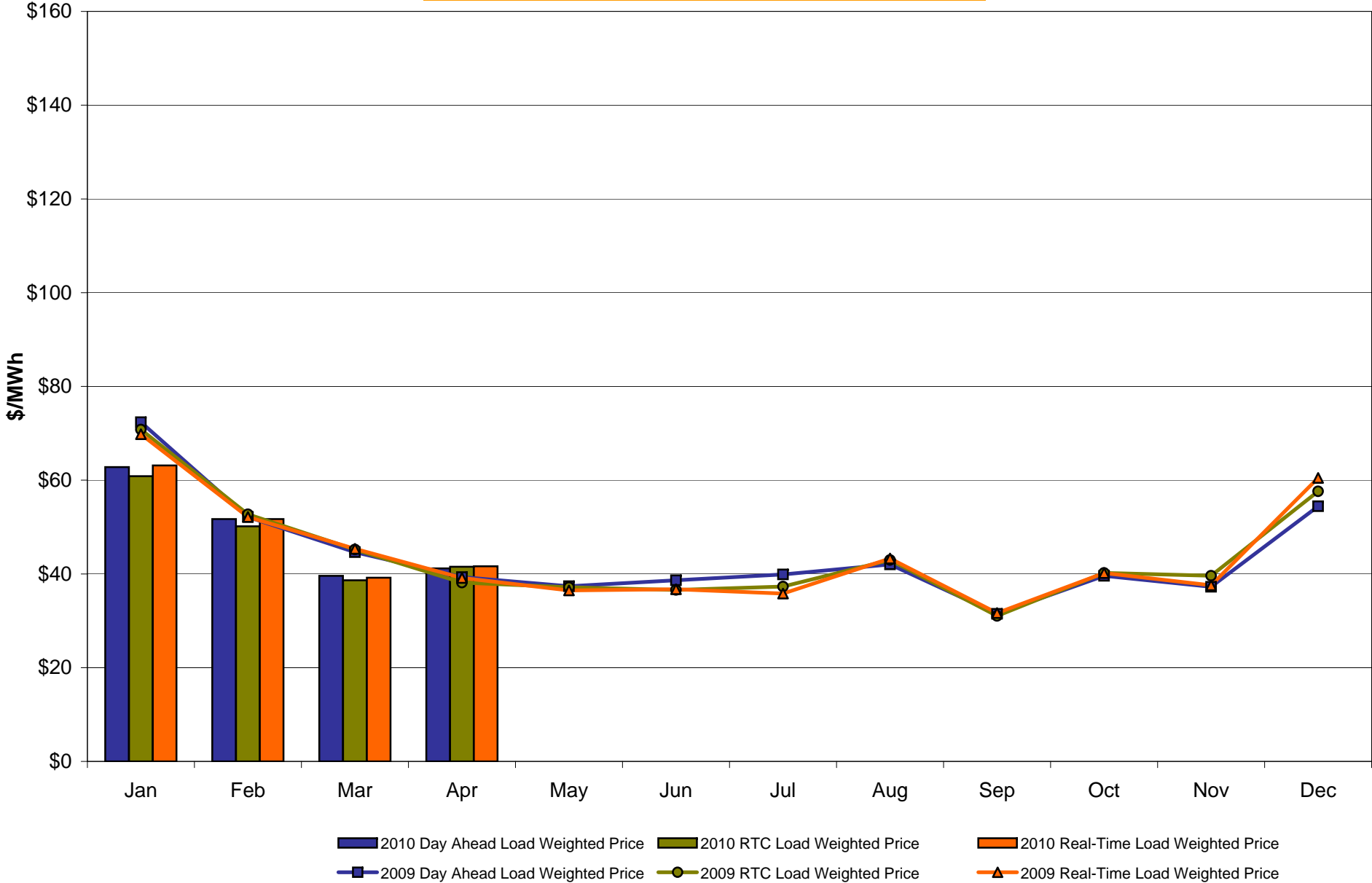
NYISO Markets 2009 Energy Statistics

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>DAY AHEAD LBMP</u>												
Price *	\$70.53	\$50.89	\$43.34	\$38.19	\$36.13	\$37.01	\$37.93	\$39.80	\$30.27	\$38.35	\$36.20	\$52.90
Standard Deviation	\$19.46	\$13.06	\$12.24	\$9.26	\$8.91	\$10.07	\$11.53	\$13.37	\$8.77	\$11.41	\$8.92	\$15.12
Load Weighted Price **	\$72.36	\$52.15	\$44.64	\$39.31	\$37.38	\$38.64	\$39.88	\$42.03	\$31.48	\$39.59	\$37.25	\$54.44
<u>RTC LBMP</u>												
Price *	\$69.26	\$51.46	\$43.88	\$37.06	\$36.18	\$35.15	\$35.97	\$40.81	\$30.04	\$38.87	\$38.70	\$56.09
Standard Deviation	\$23.37	\$21.26	\$20.38	\$15.20	\$12.48	\$20.07	\$17.38	\$23.89	\$12.77	\$24.97	\$18.60	\$35.17
Load Weighted Price **	\$70.80	\$52.72	\$45.21	\$38.14	\$37.16	\$36.57	\$37.29	\$42.97	\$31.04	\$40.22	\$39.62	\$57.62
<u>REAL TIME LBMP</u>												
Price *	\$68.14	\$50.62	\$43.73	\$37.72	\$35.11	\$34.92	\$34.13	\$40.40	\$30.36	\$38.46	\$36.43	\$57.99
Standard Deviation	\$23.66	\$20.30	\$22.27	\$20.84	\$19.81	\$29.81	\$23.16	\$25.84	\$16.66	\$28.61	\$17.84	\$40.84
Load Weighted Price **	\$69.80	\$52.14	\$45.36	\$39.13	\$36.48	\$36.73	\$35.82	\$43.29	\$31.66	\$40.19	\$37.57	\$60.47
Average Daily Energy Sendout/Month GWh	470	447	422	400	396	427	469	511	425	400	401	447

* Average zonal load weighted prices.

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

NYISO Monthly Average Internal LBMPs 2009 - 2010



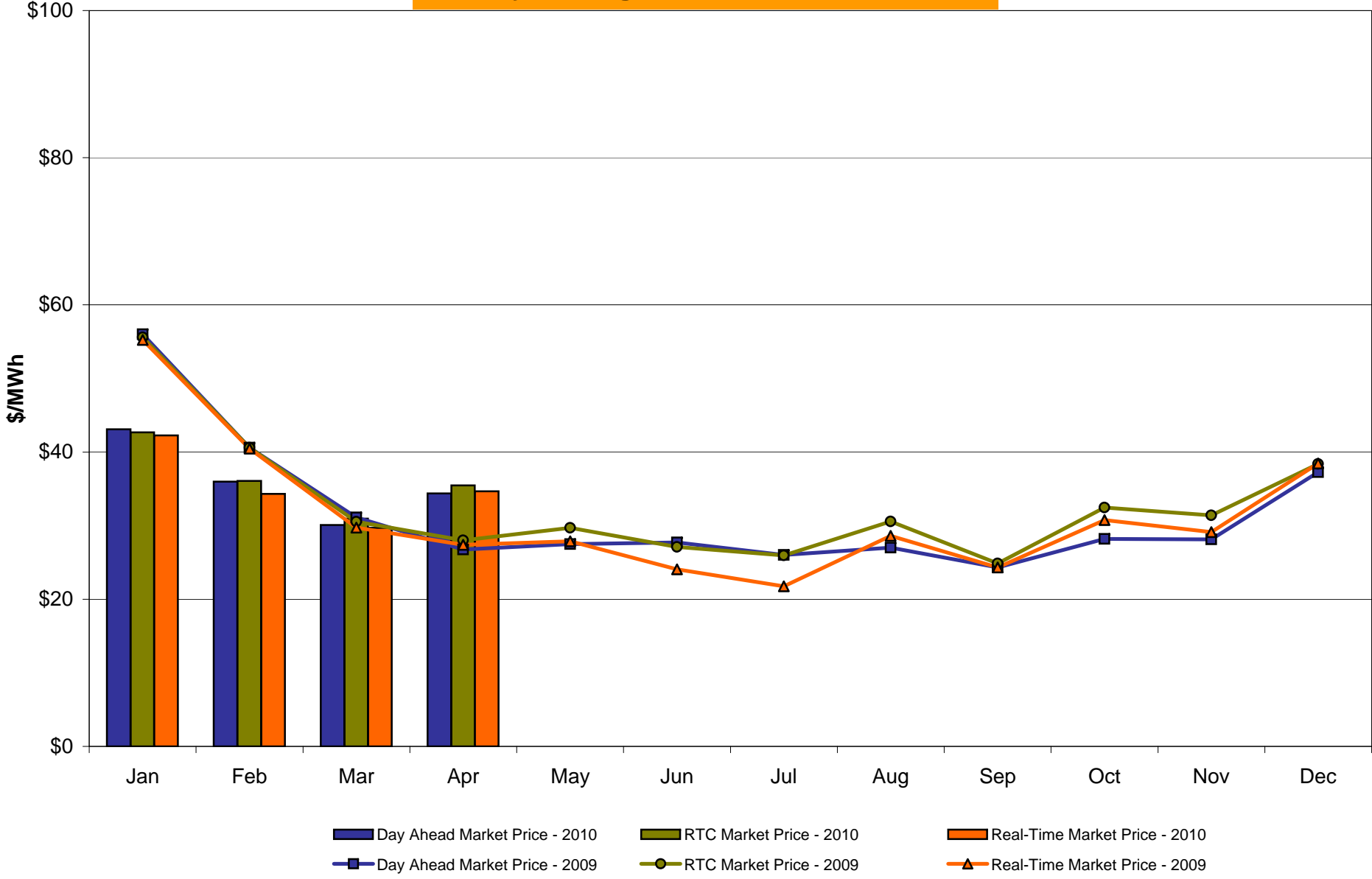
April 2010 Zonal LBMP Statistics for NYISO (\$/MWh)

	WEST	GENESEE	NORTH	CENTRAL	MOHAWK	CAPITAL	HUDSON	MILLWOOD	DUNWOODIE	NEW YORK	LONG
	<u>Zone A</u>	<u>Zone B</u>	<u>Zone D</u>	<u>Zone C</u>	<u>Zone E</u>	<u>Zone F</u>	<u>Zone G</u>	<u>Zone H</u>	<u>Zone I</u>	<u>Zone J</u>	<u>Zone K</u>
<u>DAY AHEAD LBMP</u>											
Unweighted Price *	34.39	35.24	33.46	36.46	37.01	38.56	39.85	40.00	40.14	43.74	43.31
Standard Deviation	5.57	5.93	5.12	5.97	6.22	7.23	7.63	7.85	7.91	10.92	10.19
<u>RTC LBMP</u>											
Unweighted Price *	35.46	36.32	34.67	37.42	38.06	39.27	40.56	40.53	40.66	43.88	42.96
Standard Deviation	12.61	12.97	12.16	13.34	13.46	13.66	14.20	14.19	14.17	15.93	14.46
<u>REAL TIME LBMP</u>											
Unweighted Price *	34.66	35.47	33.66	36.54	37.12	38.22	39.53	39.52	39.67	44.38	44.74
Standard Deviation	15.02	15.37	14.61	15.83	15.97	16.79	17.16	17.18	17.14	21.75	23.32

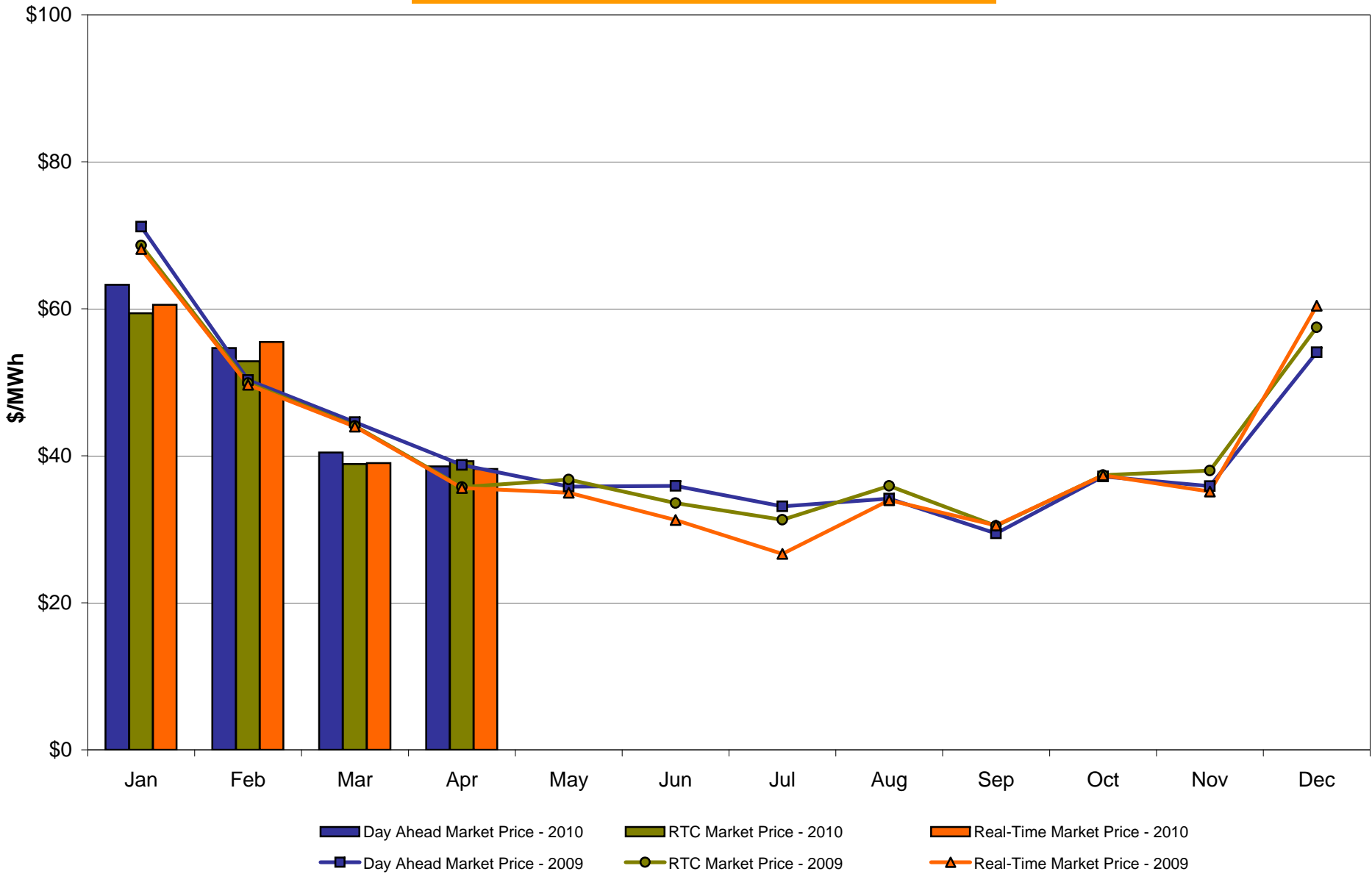
	ONTARIO	HYDRO	HYDRO		NEW	CROSS	NORTHPORT-	NEPTUNE	LINDEN VFT
	IESO	QUEBEC	QUEBEC	PJM	ENGLAND	SOUND	NORWALK	NEPTUNE	LINDEN VFT
	<u>Zone O</u>	<u>Zone M</u>	<u>Zone M</u>	<u>Zone P</u>	<u>Zone N</u>	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>	<u>Controllable</u>
						<u>Line</u>	<u>Line</u>	<u>Line</u>	<u>Line</u>
<u>DAY AHEAD LBMP</u>									
Unweighted Price *	33.24	34.36	32.10	38.13	38.71	42.78	37.78	42.60	42.88
Standard Deviation	5.20	5.34	3.65	7.03	6.76	10.14	7.63	9.98	10.24
<u>RTC LBMP</u>									
Unweighted Price *	32.62	28.96	24.64	36.97	37.27	40.22	37.97	40.35	40.01
Standard Deviation	5.89	53.16	53.06	6.51	6.41	8.02	10.78	8.01	8.53
<u>REAL TIME LBMP</u>									
Unweighted Price *	33.63	34.57	30.07	36.37	37.93	43.61	40.64	43.48	42.62
Standard Deviation	13.57	14.40	14.14	14.80	14.92	22.35	22.25	21.99	19.01

* Straight LBMP averages

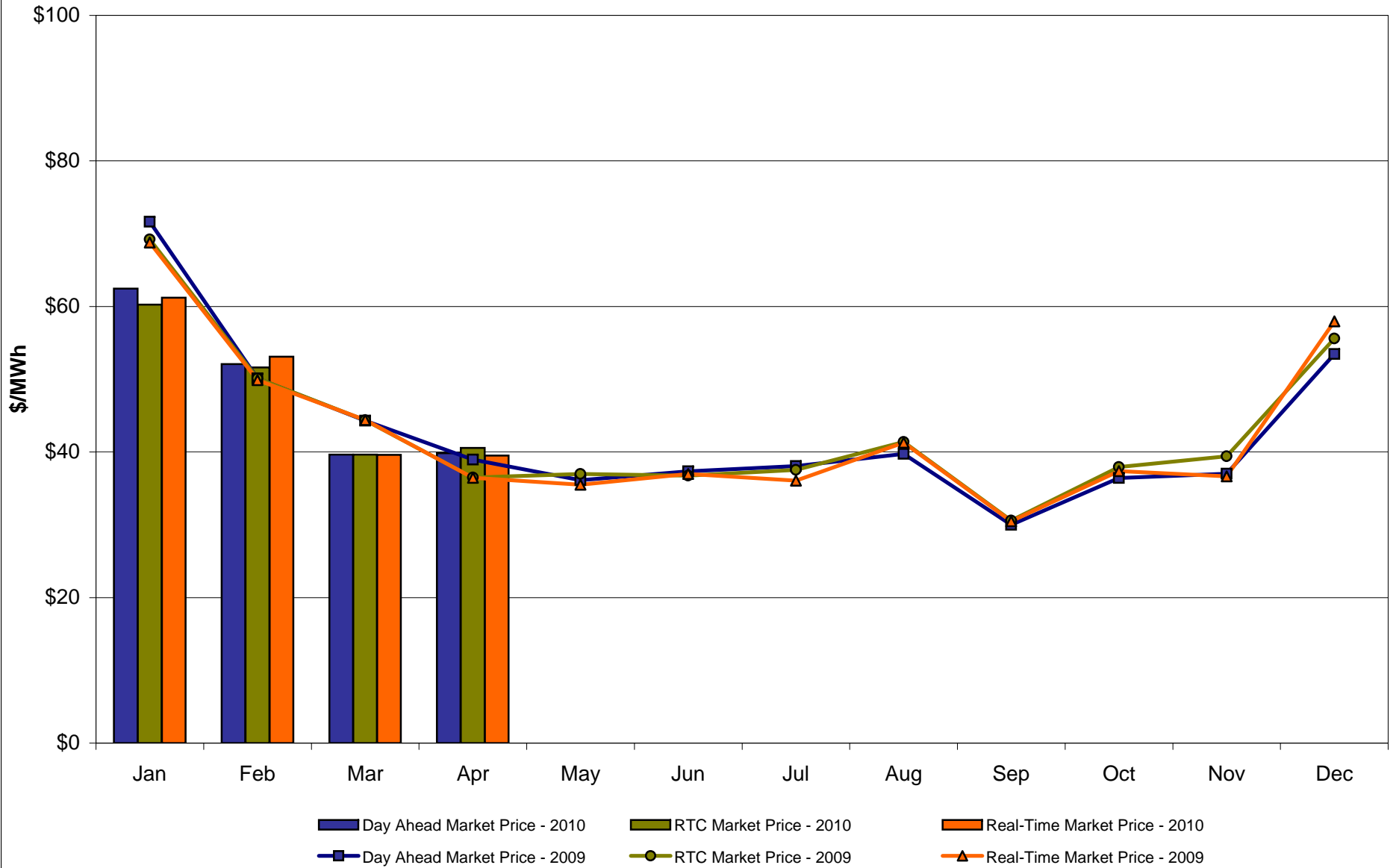
West Zone A Monthly Average LBMP Prices 2009 - 2010



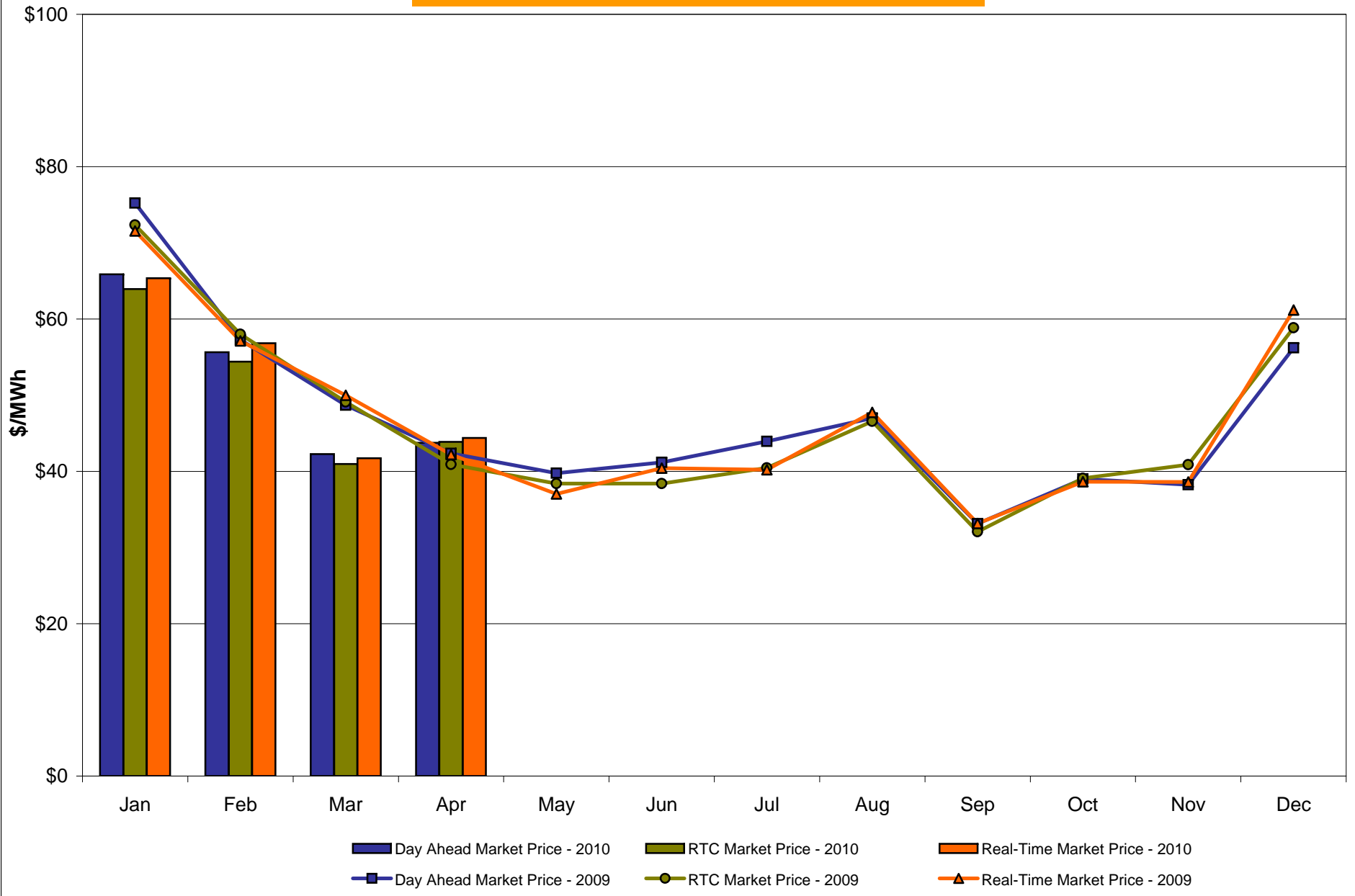
Capital Zone F Monthly Average LBMP Prices 2009 - 2010



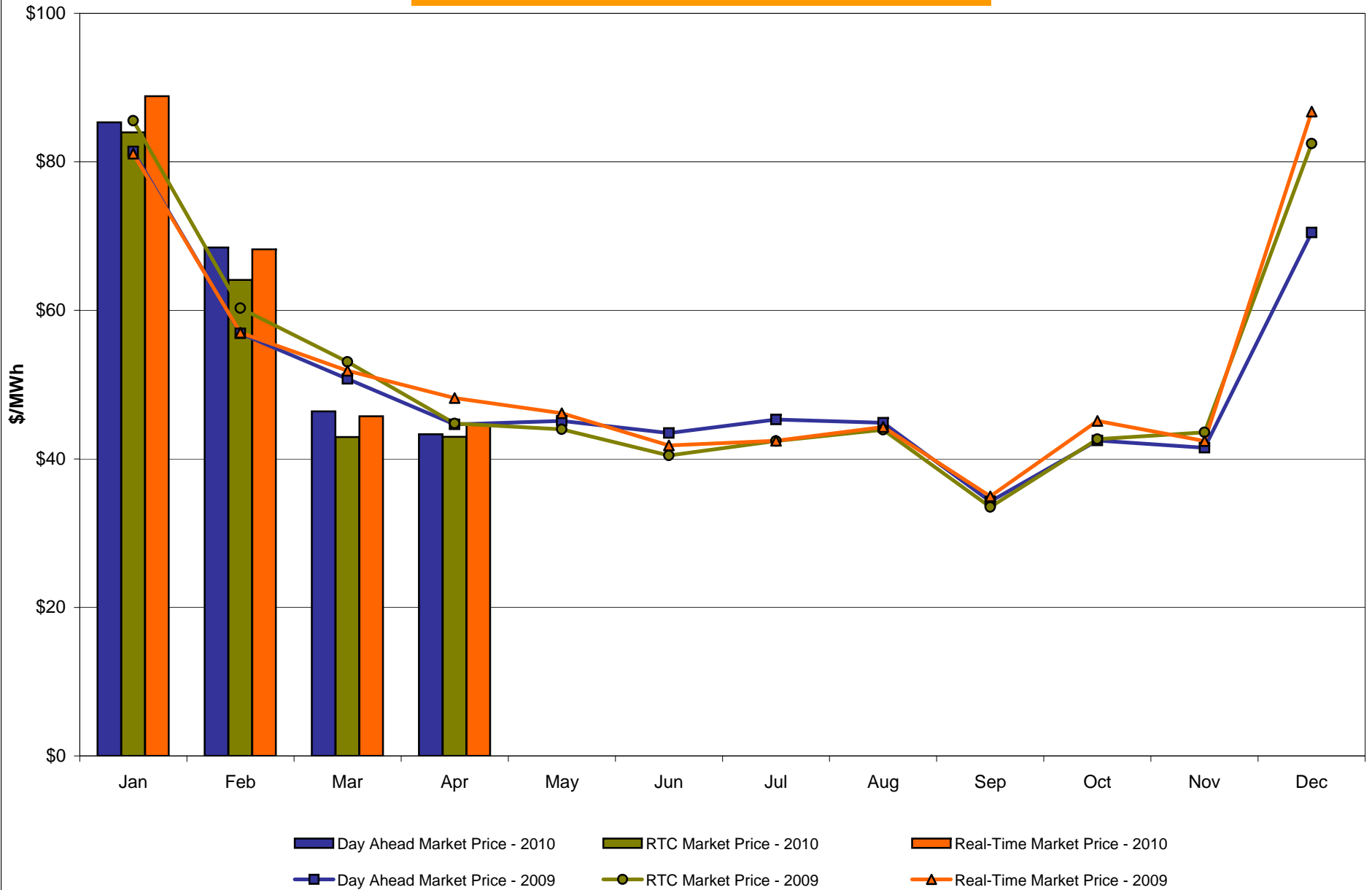
Hudson Valley Zone G Monthly Average LBMP Prices 2009 - 2010



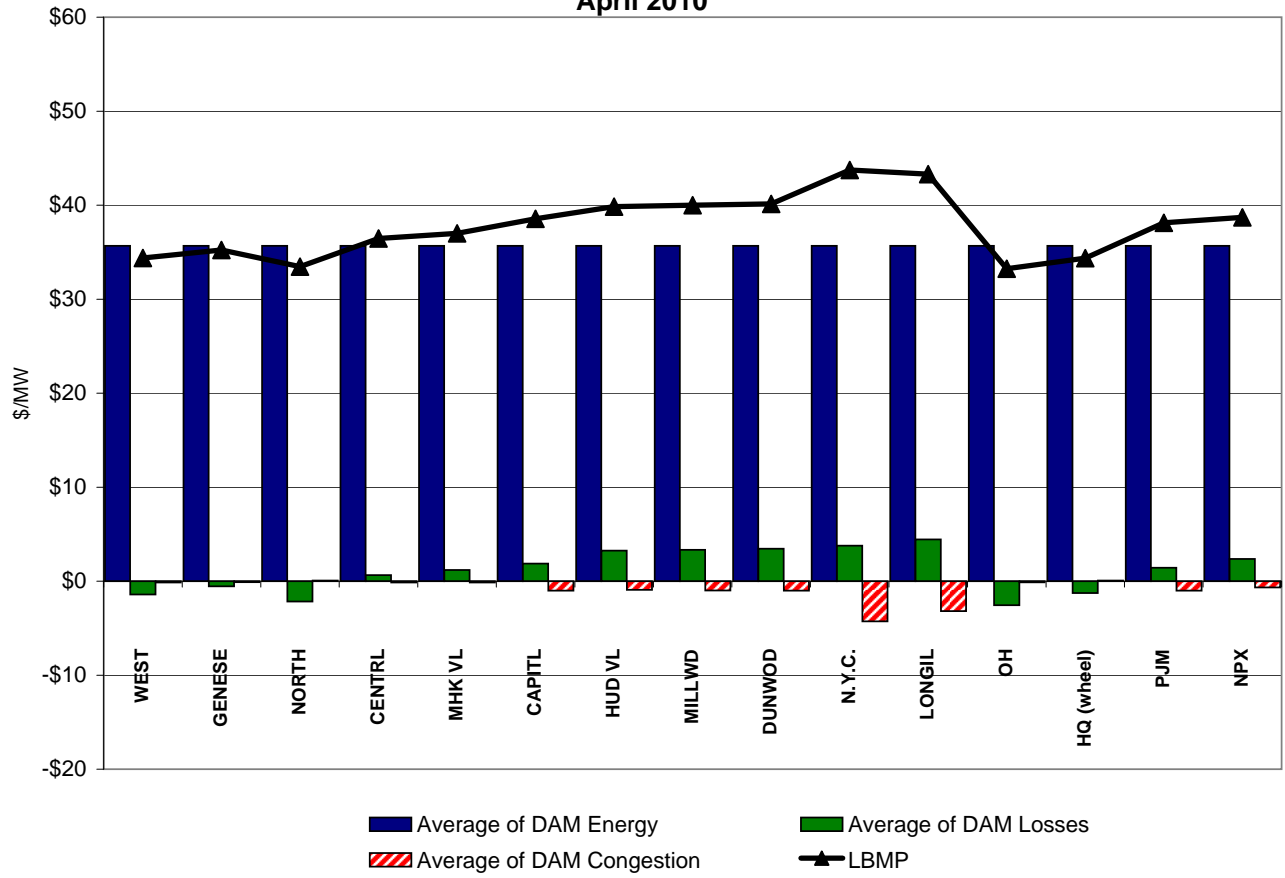
NYC Zone J Monthly Average LBMP Prices 2009 - 2010



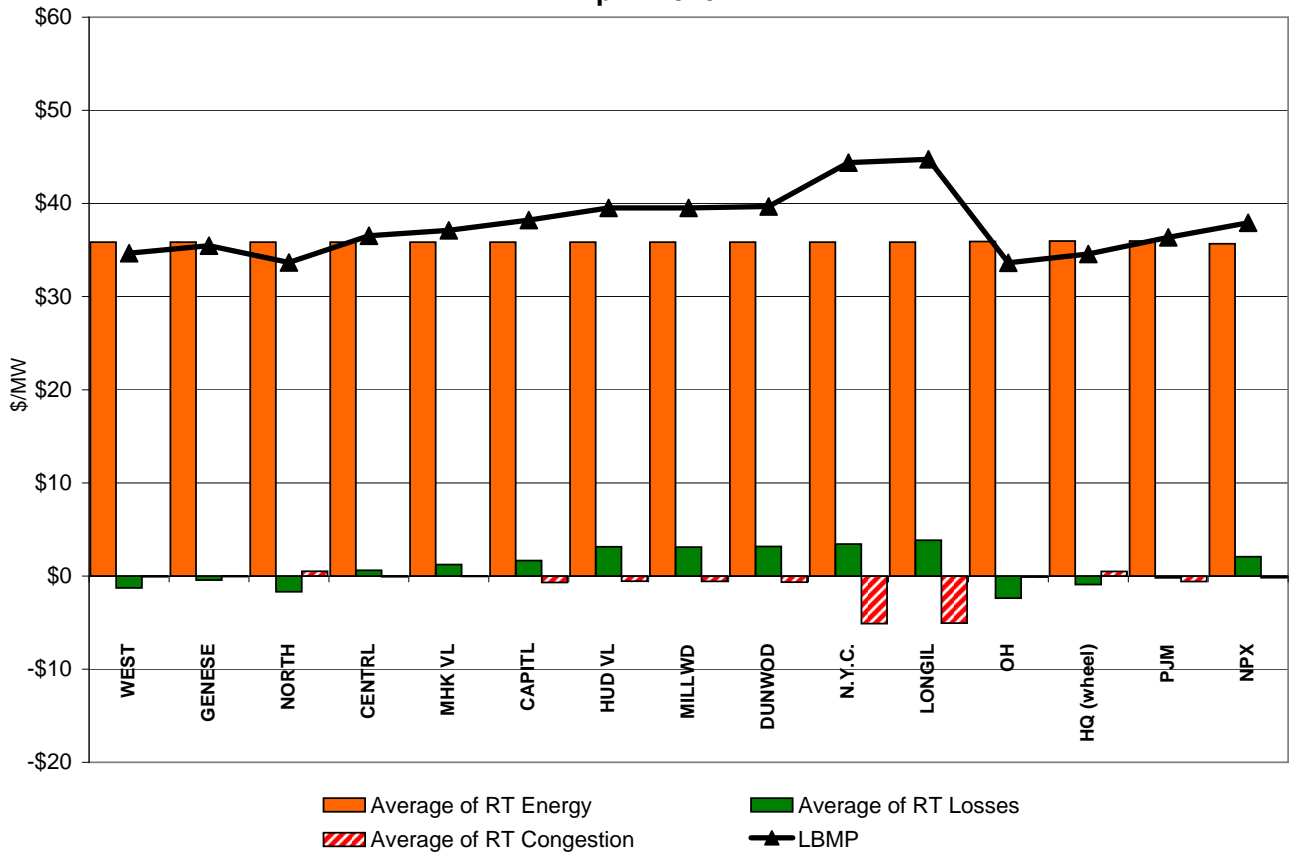
Long Island Zone K Monthly Average LBMP Prices 2009 - 2010



**DAM Zonal Unweighted Monthly Average LBMP Components
April 2010**

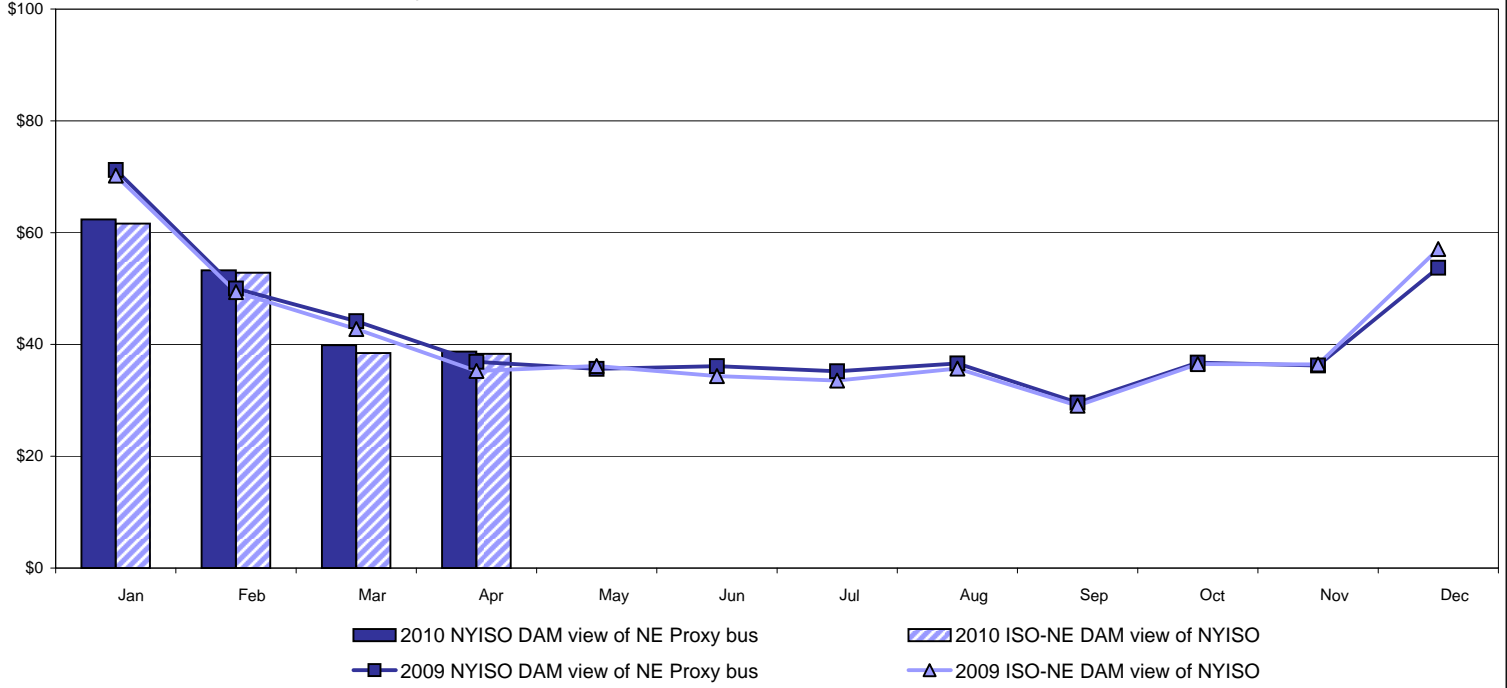


**RT Zonal Unweighted Monthly Average LBMP Components
April 2010**

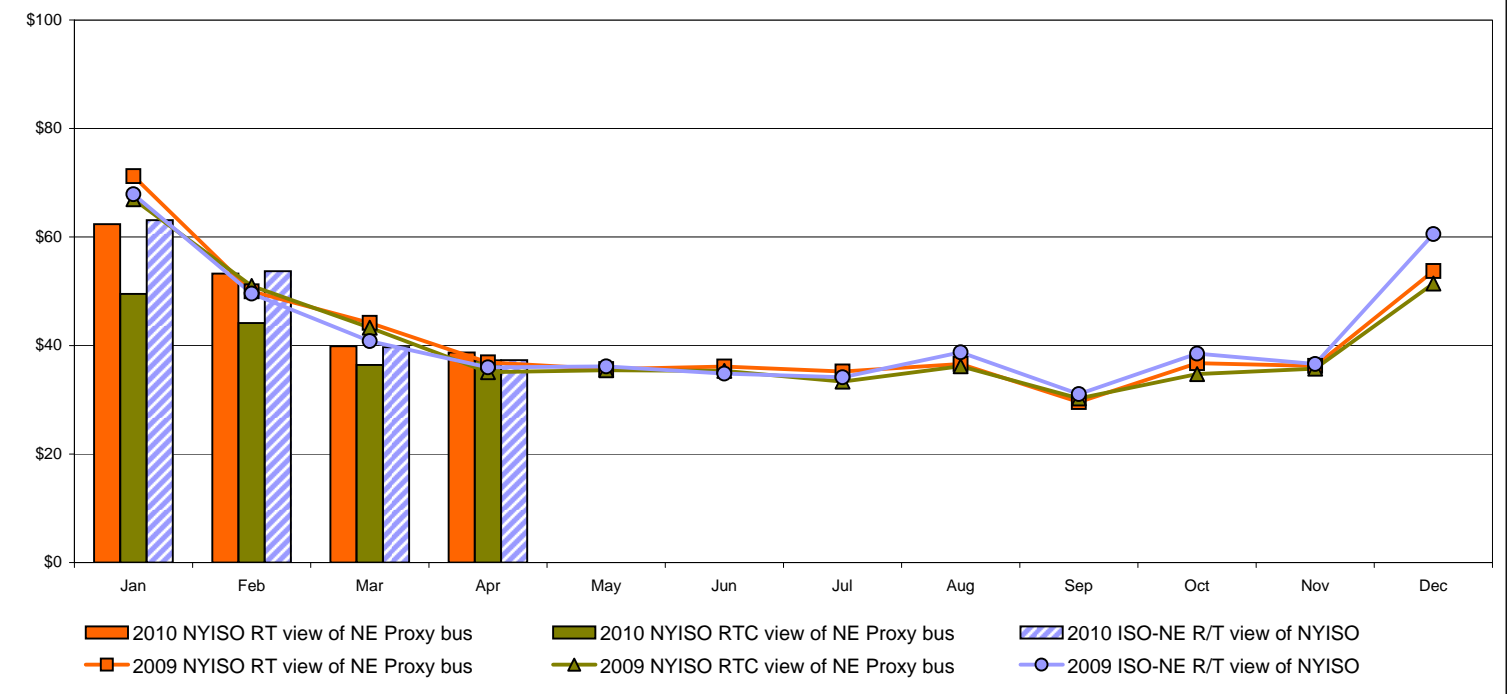


External Comparison ISO-New England

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

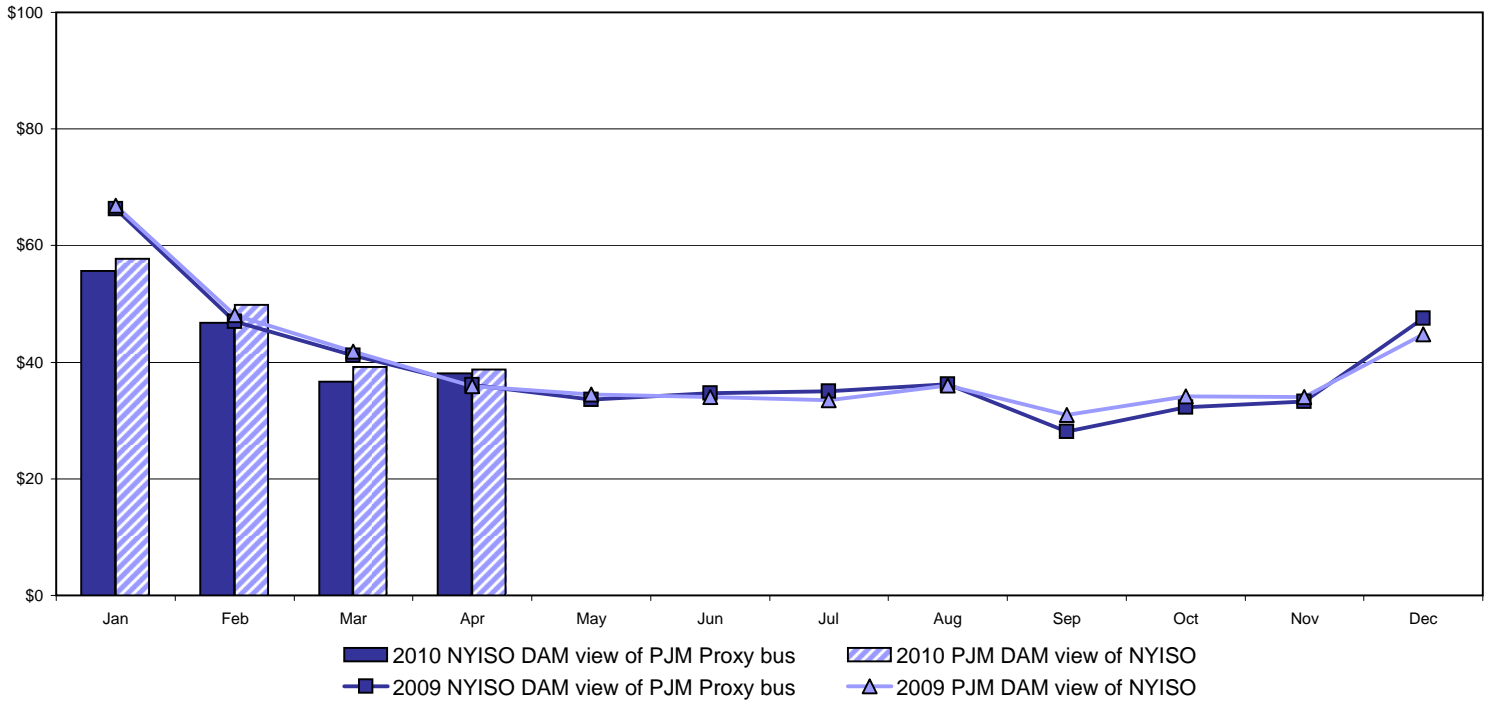


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

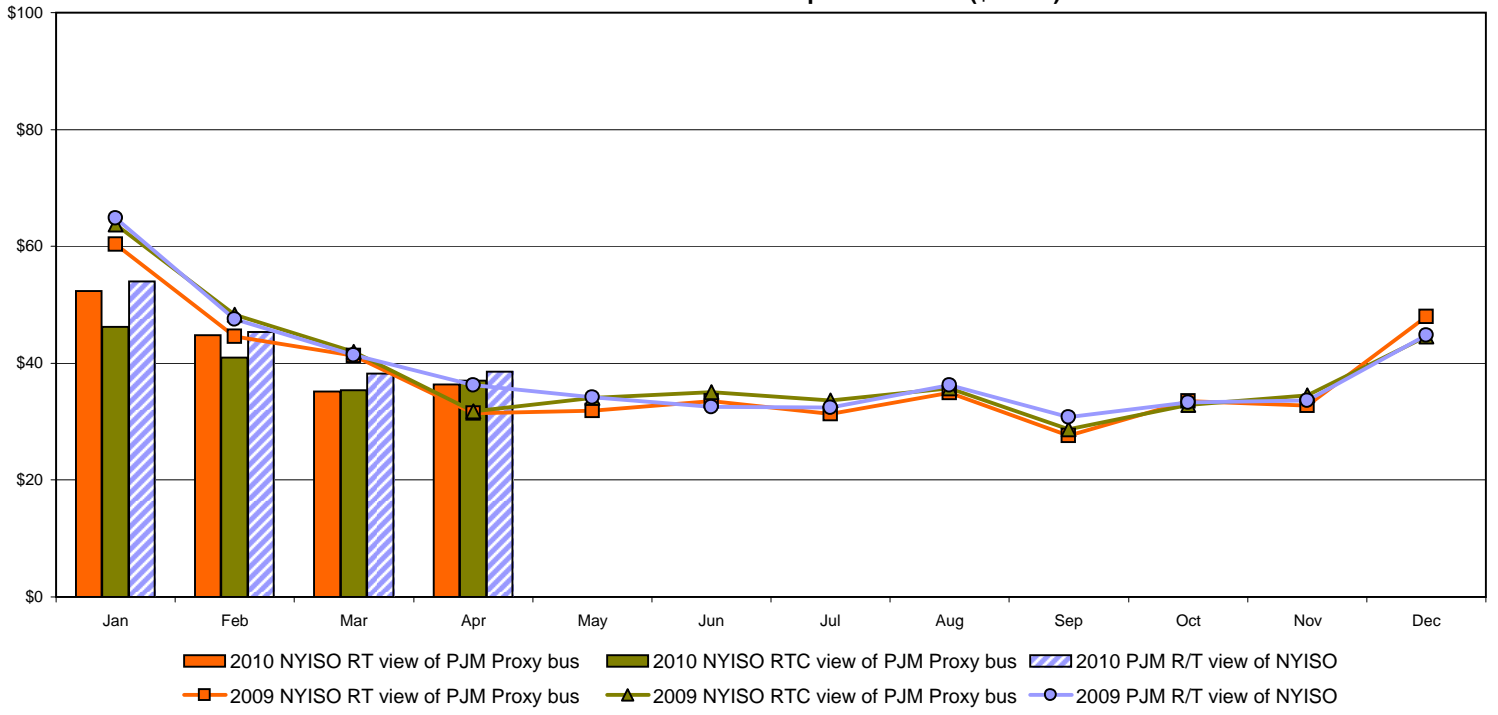


External Comparison PJM

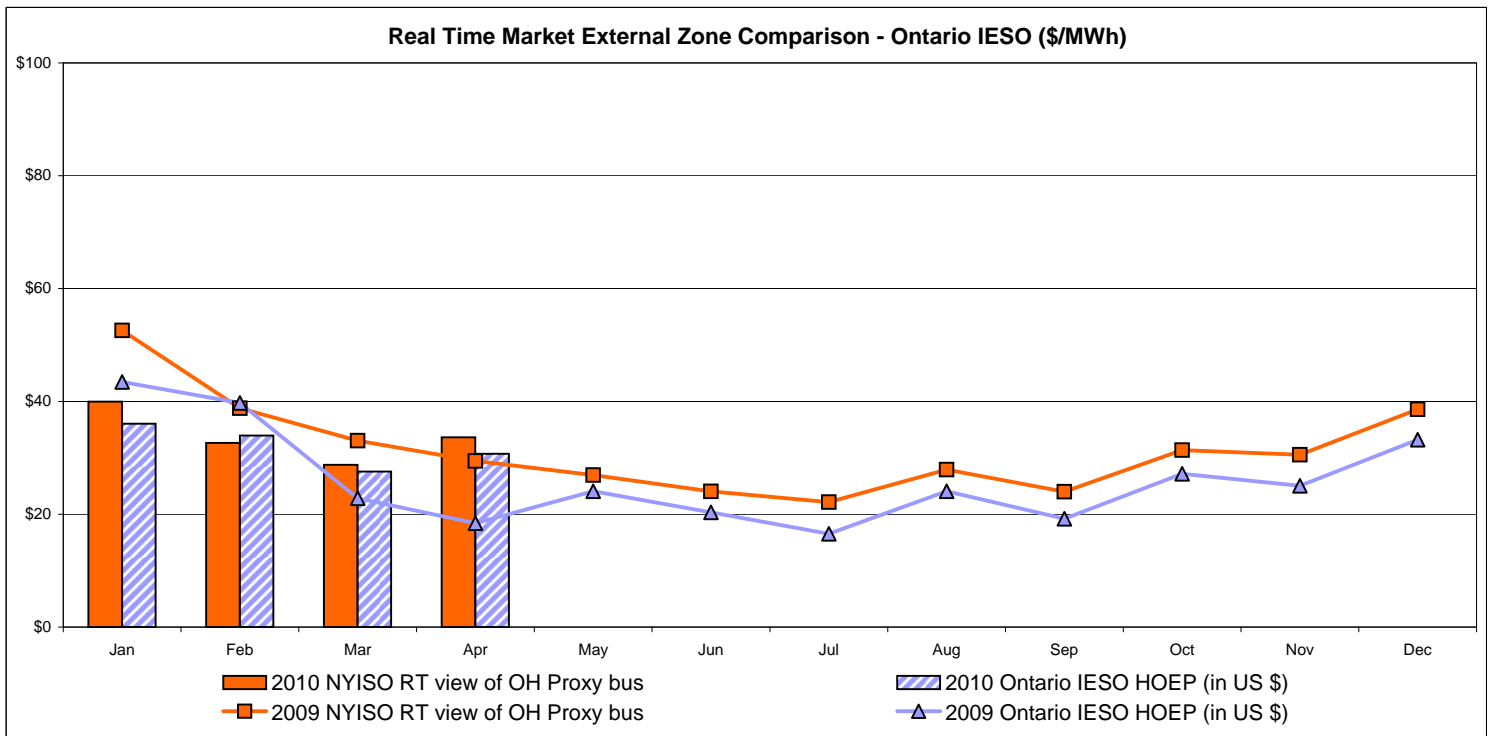
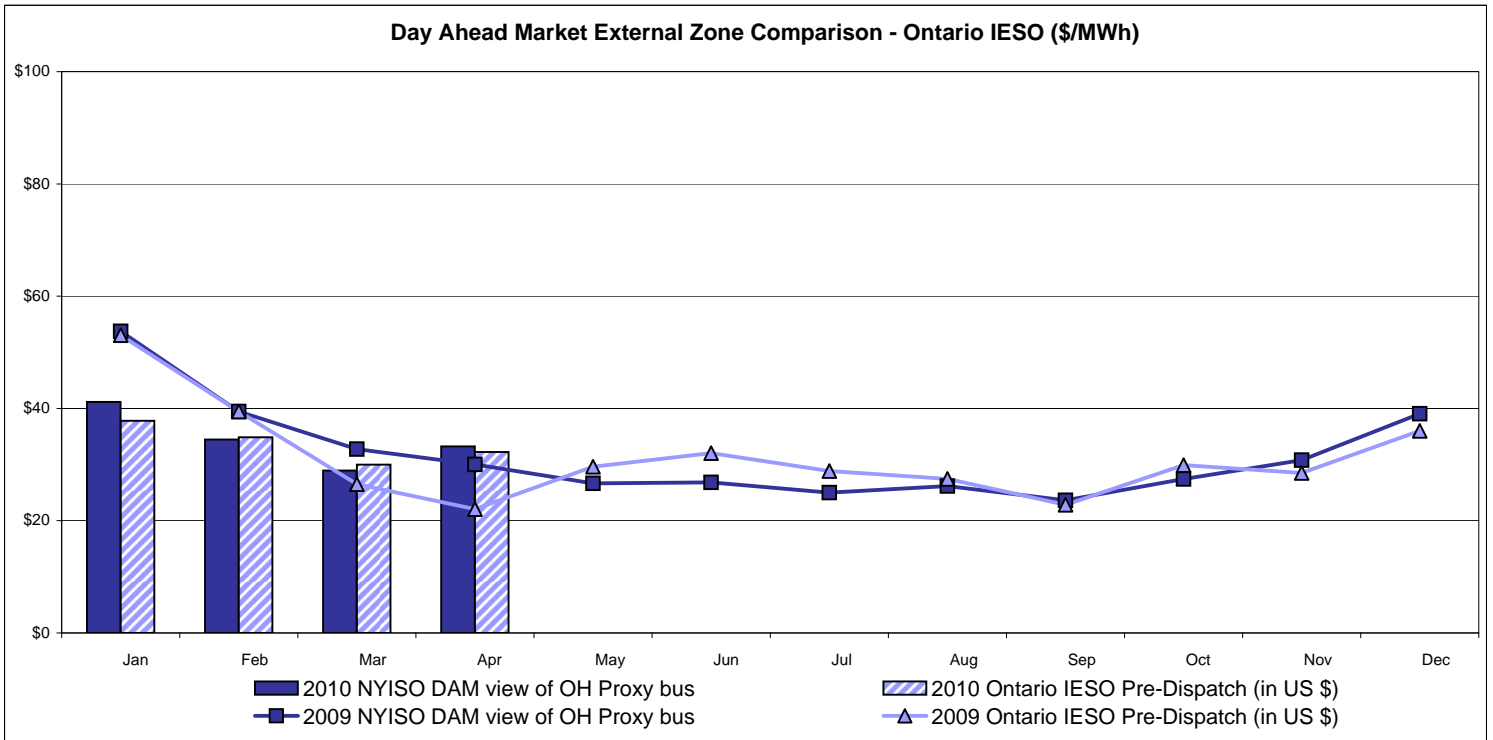
Day Ahead Market External Zone Comparison - PJM (\$/MWh)



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

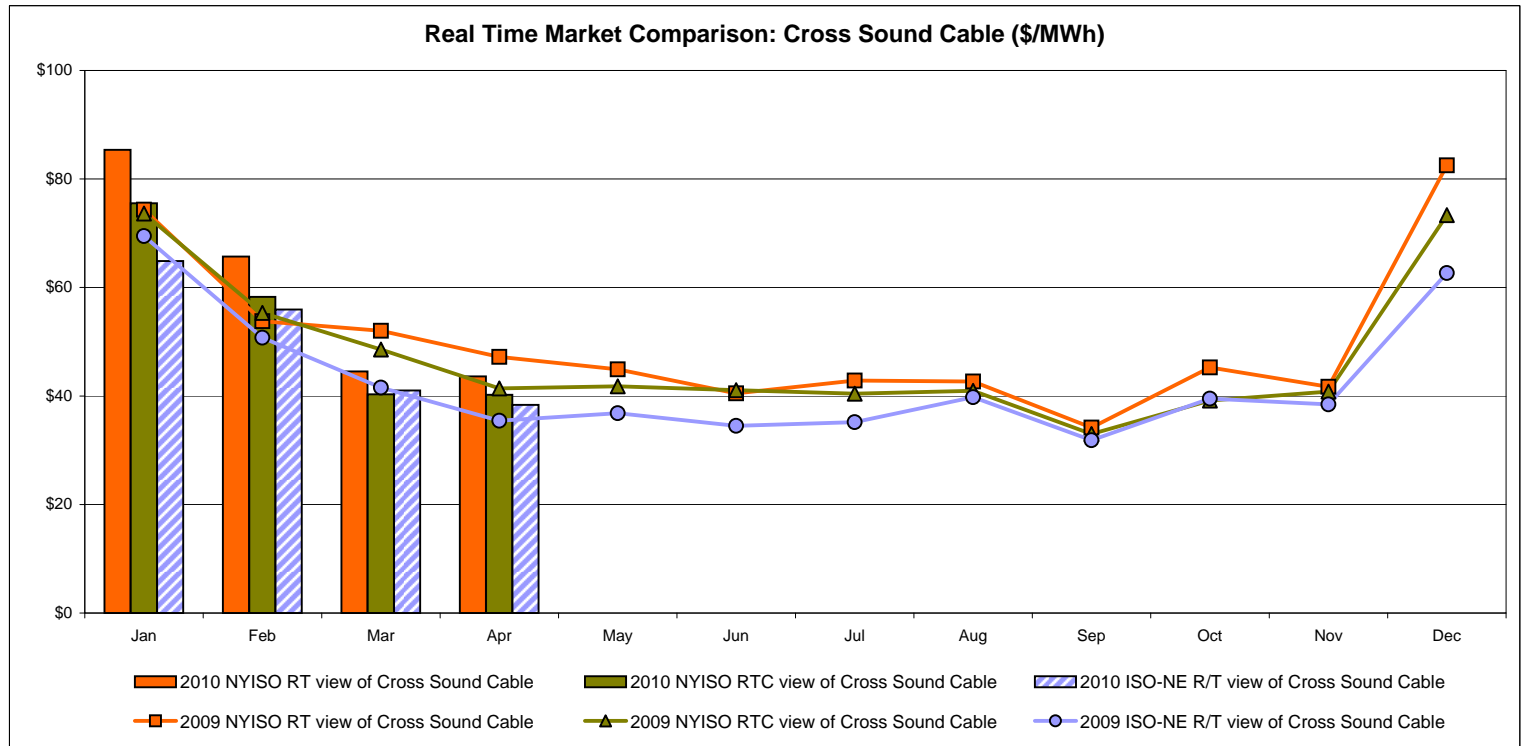
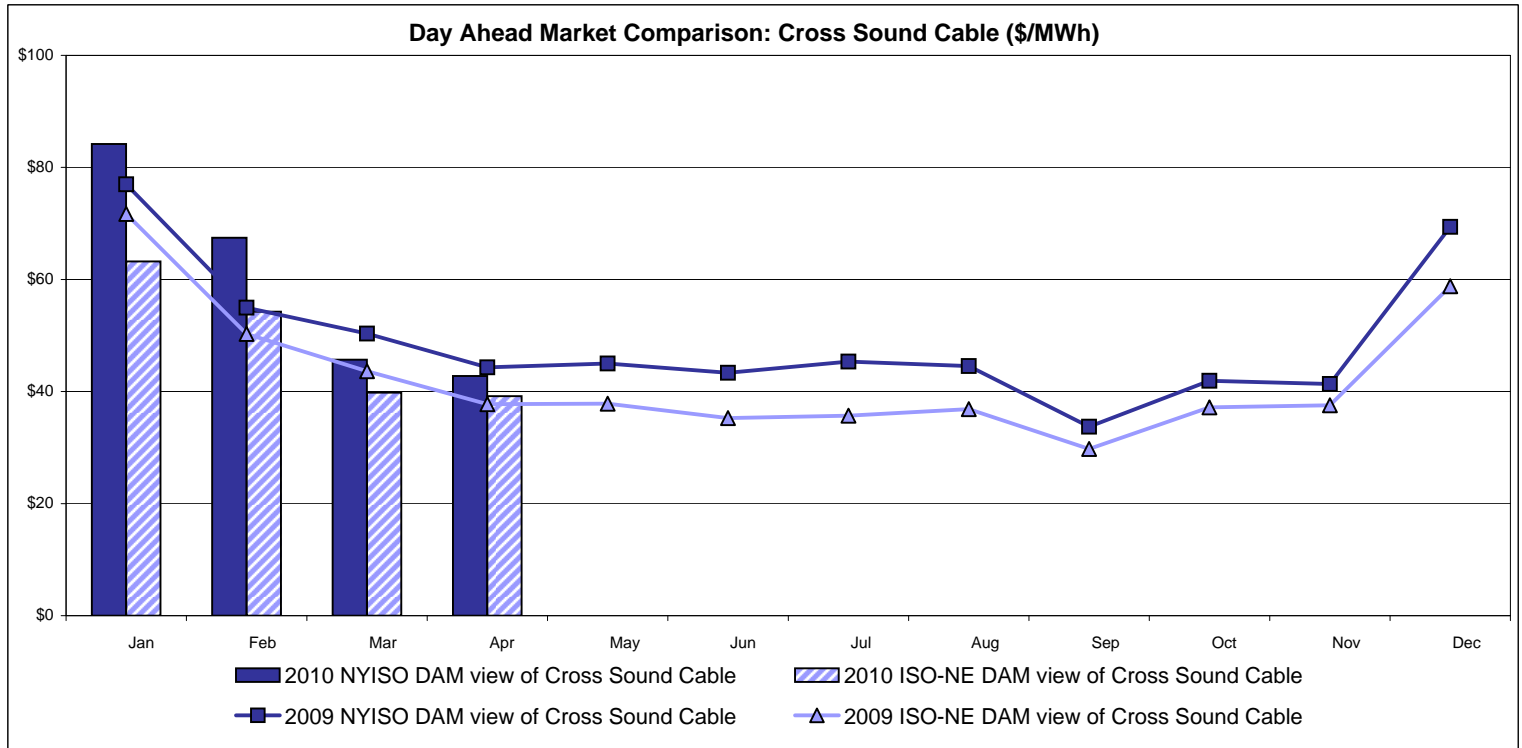


External Comparison Ontario IESO



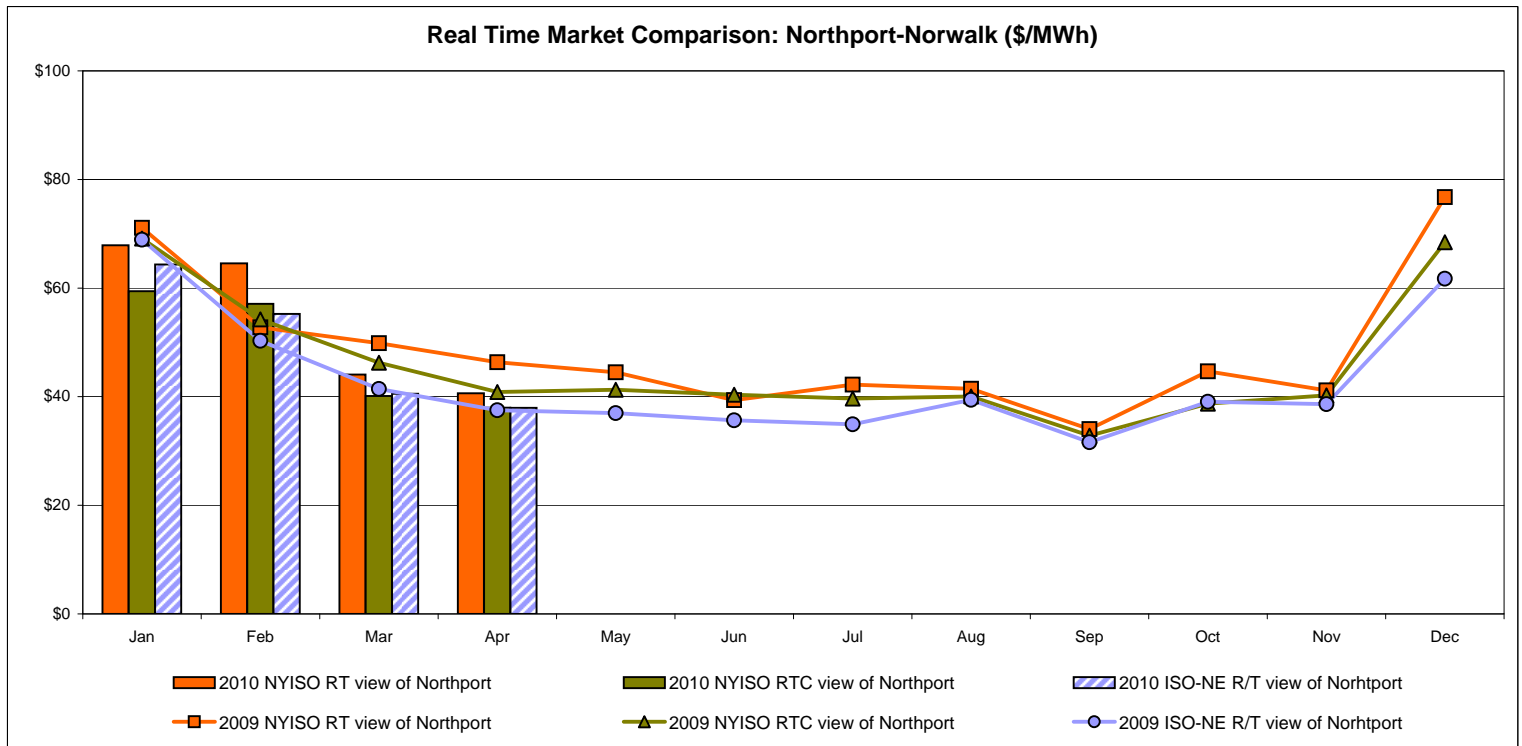
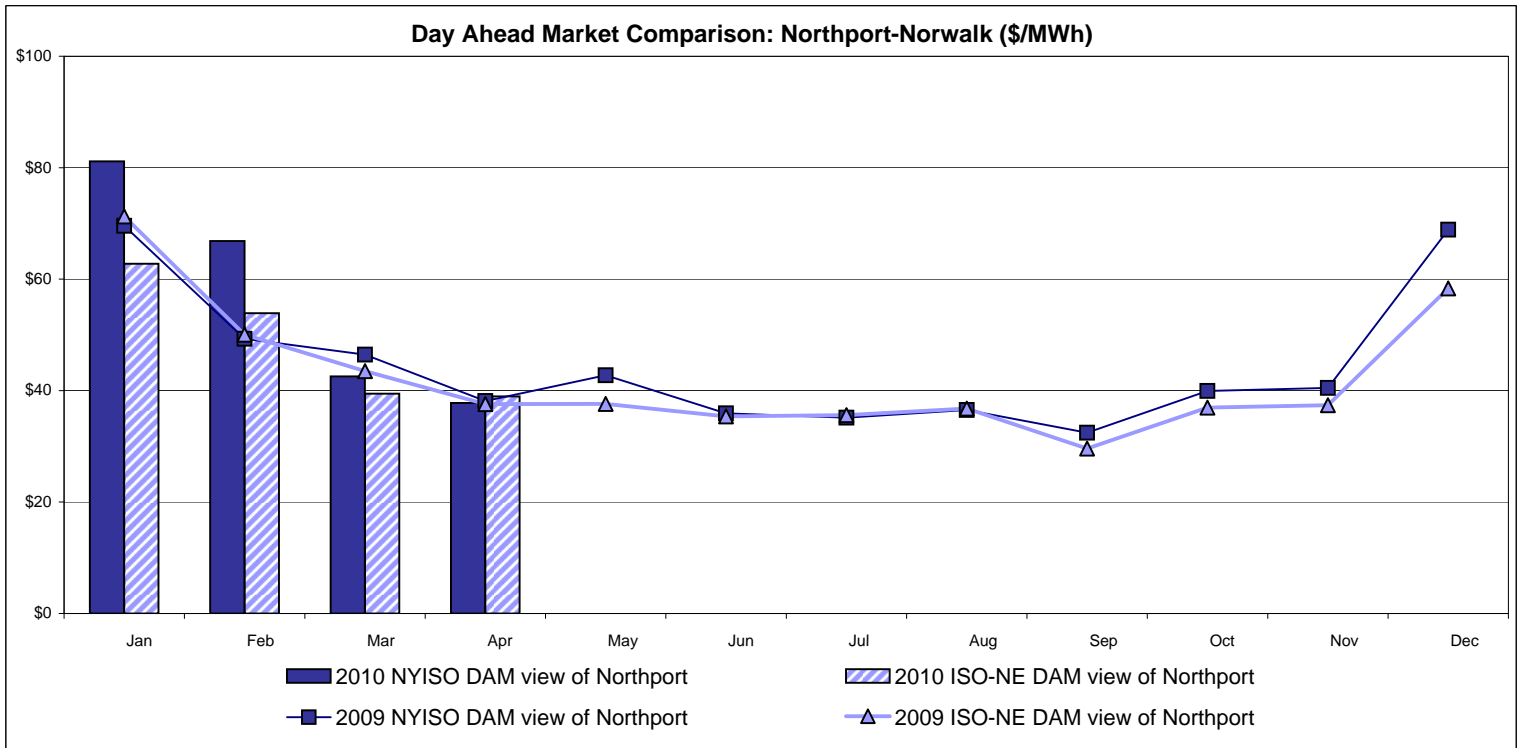
Notes: Exchange factor used for April 2010 was 0.99 to US \$
 HOEP: Hourly Ontario Energy Price
 Pre-Dispatch: Projected Energy Price

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 Shorham138 99 interface are used for ISO-NE.
 The DAM and R/T prices at the CSC interface are used for NYISO.

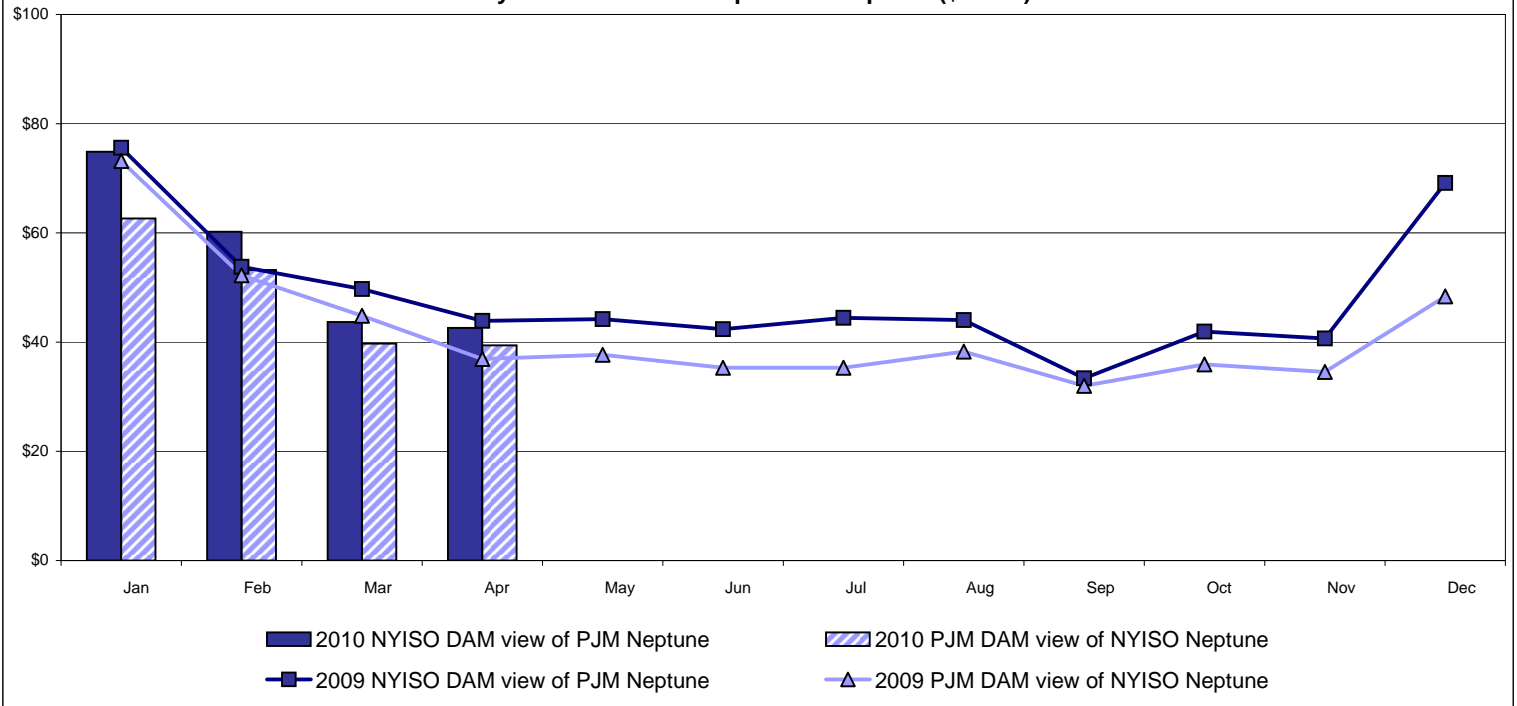
External Controllable Line: Northport - Norwalk (New England)



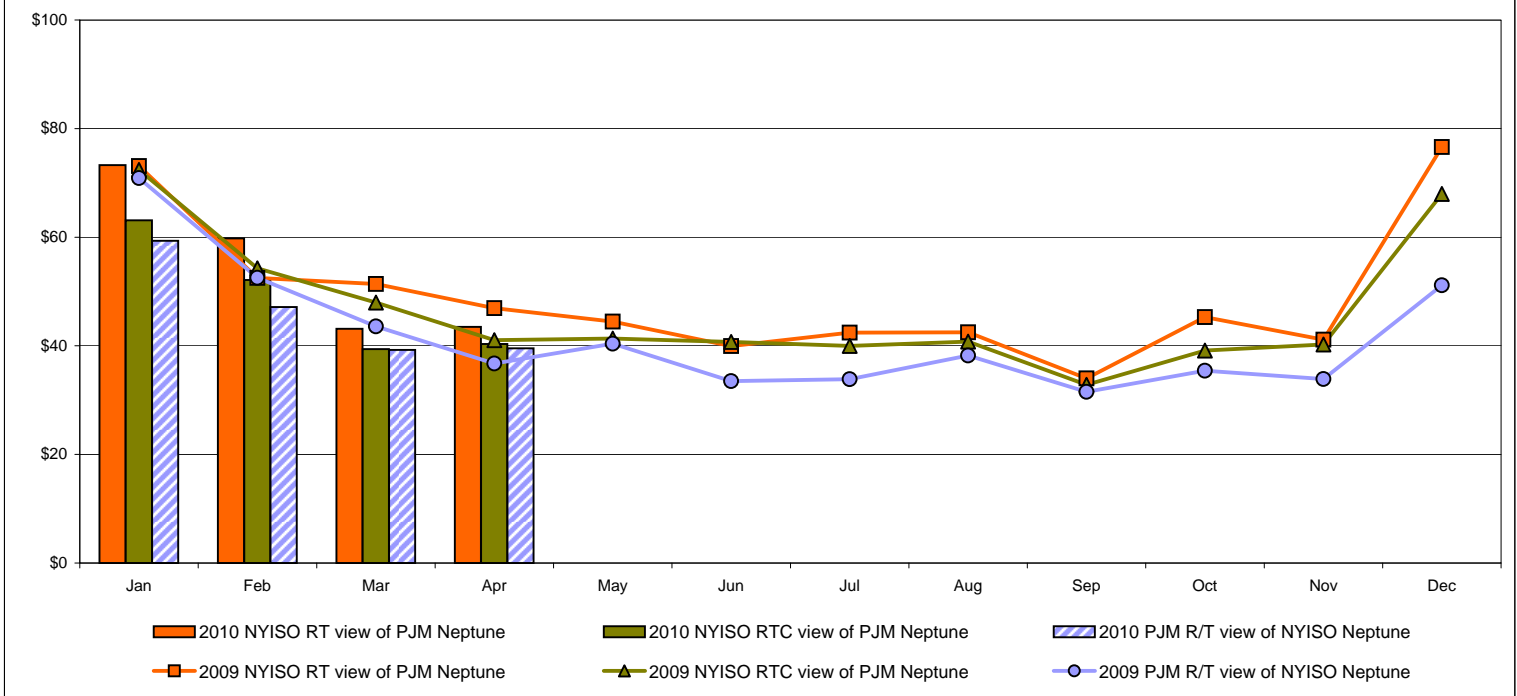
Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before.
 The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.
 The DAM and R/T prices at the 1385 interface are used for NYISO.

External Controllable Line: Neptune (PJM)

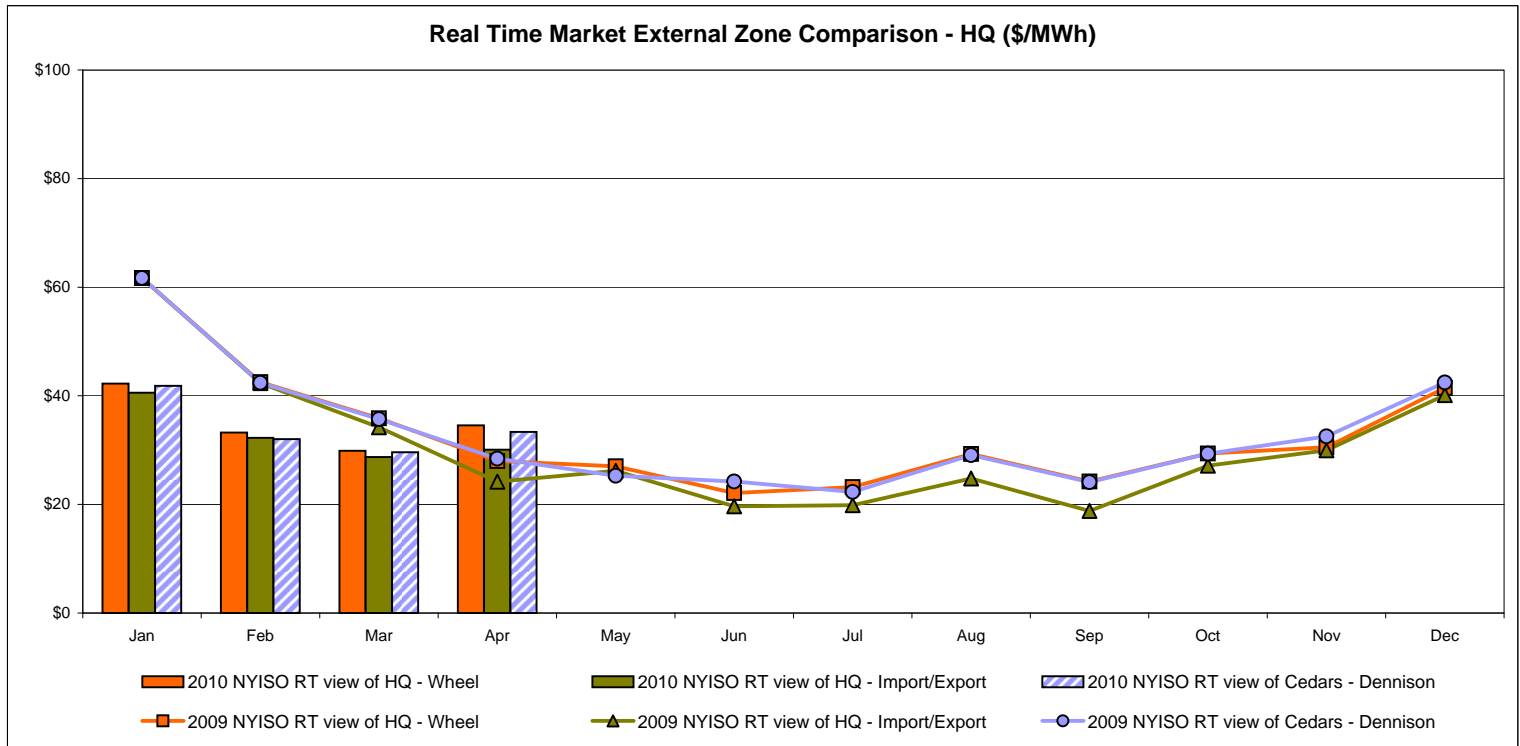
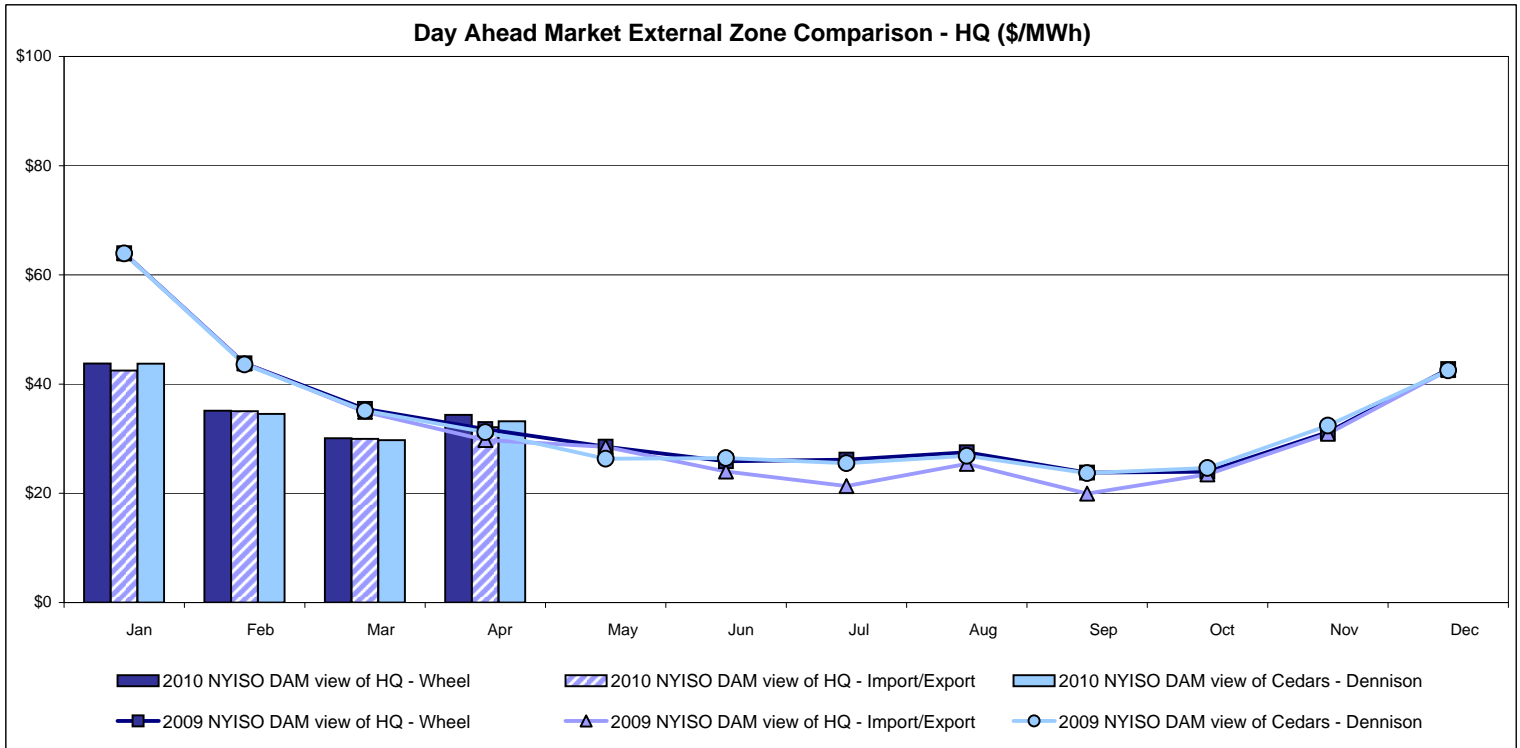
Day Ahead Market Comparison: Neptune (\$/MWh)



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



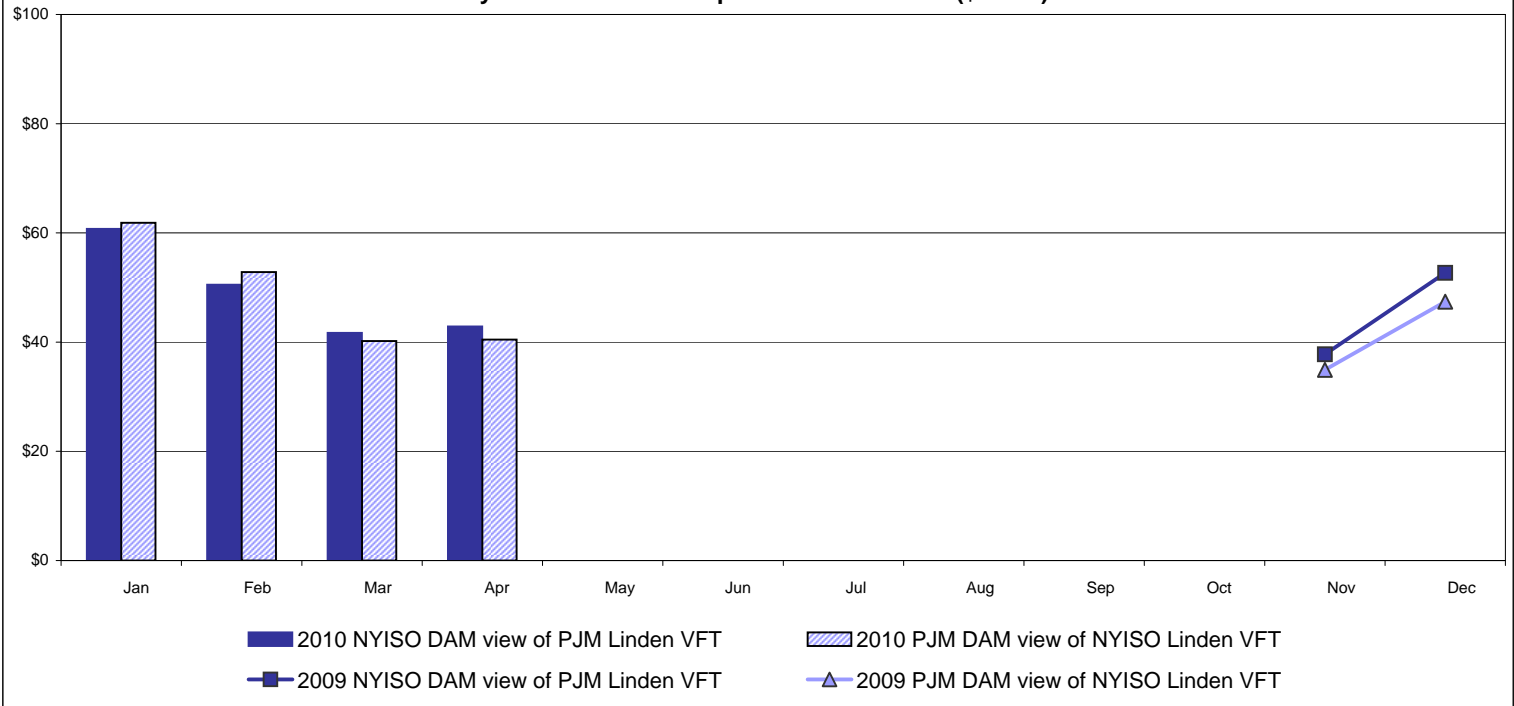
External Comparison Hydro-Quebec



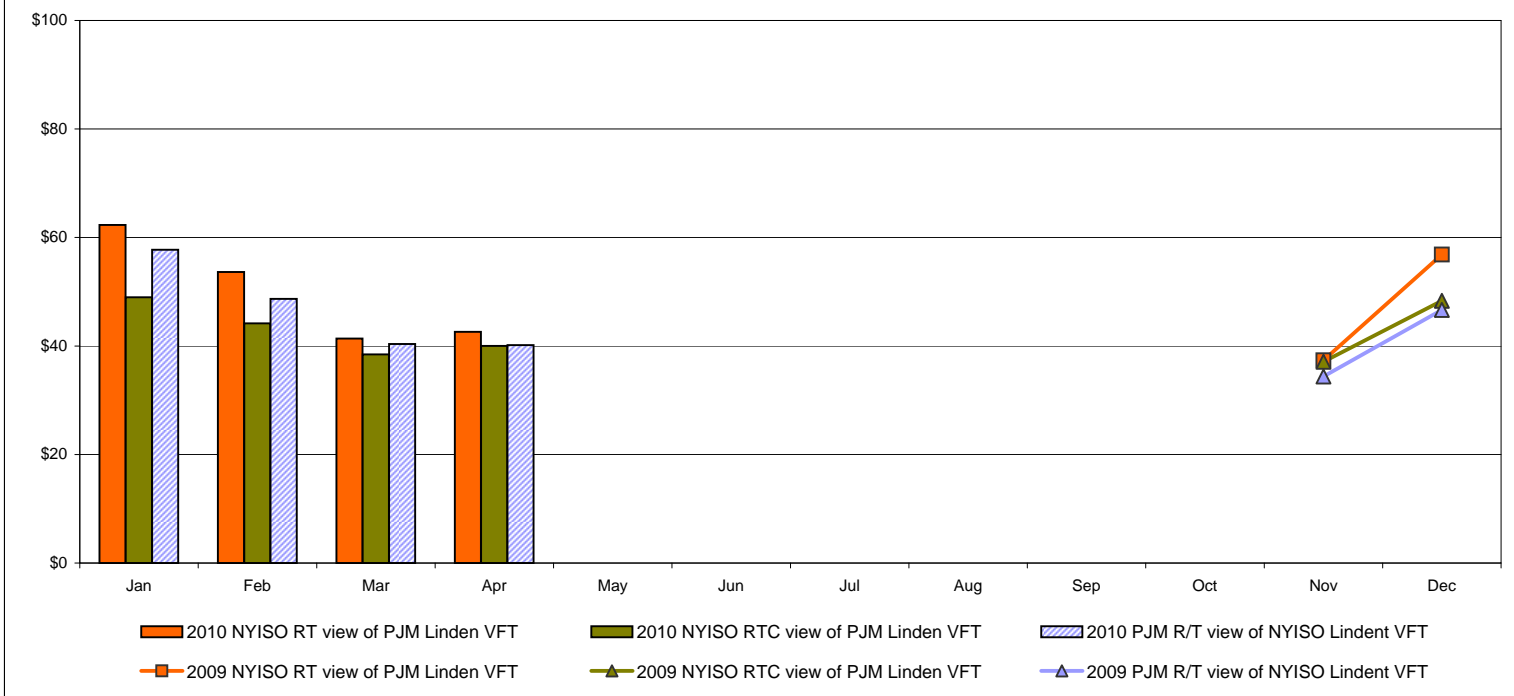
Note:
 Hydro-Quebec Prices are unavailable.
 Dennison Scheduled Line Data available beginning 10/1/2008.

External Controllable Line: Linden VFT (PJM)

Day Ahead Market Comparison: Linden VFT (\$/MWh)



Real Time Market Comparison: Linden VFT (\$/MWh)



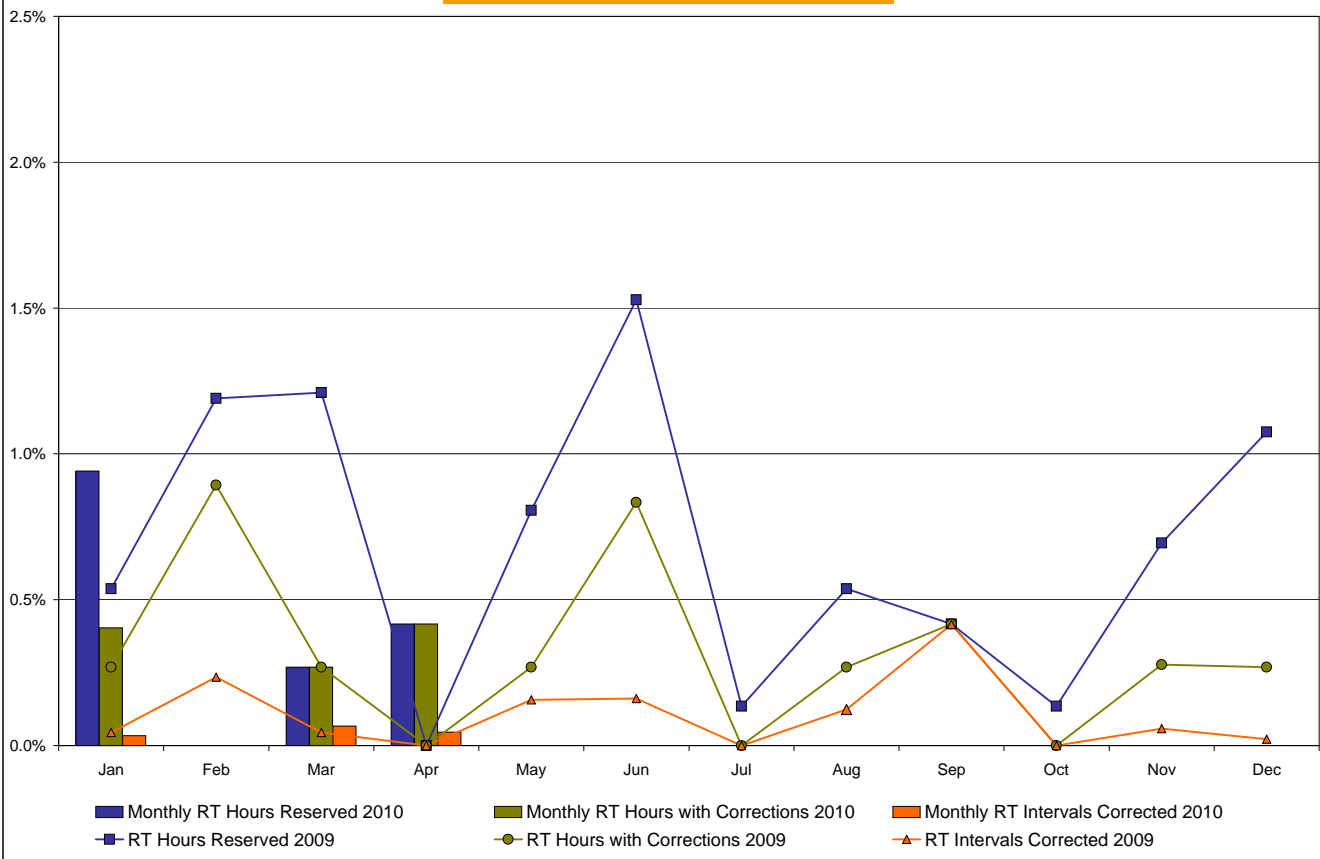
Note: Linden VFT Scheduled Line Data available beginning 11/1/2009.

NYISO Real Time Price Correction Statistics

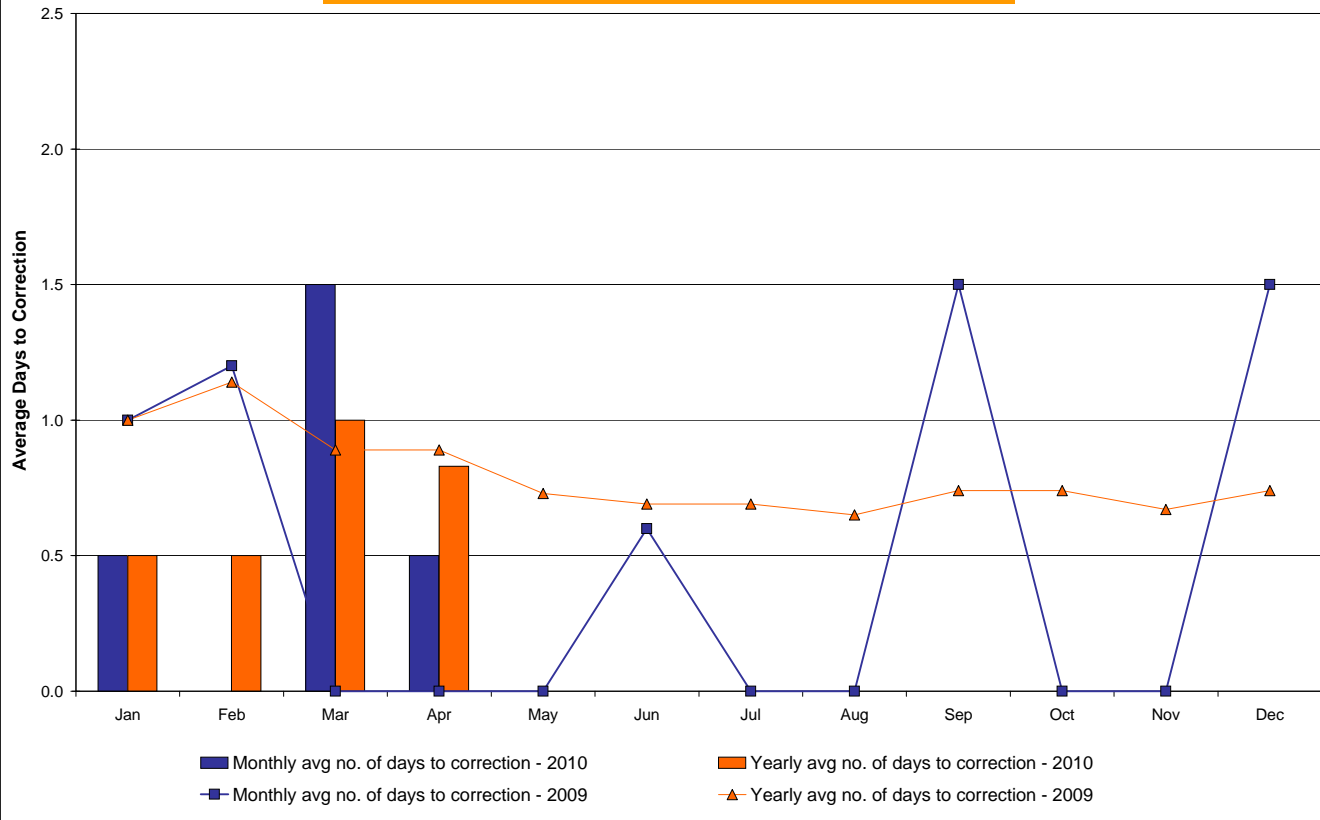
2010		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	3	0	2	3								
Number of hours	in the month	744	672	744	720								
% of hours with corrections	in the month	0.40%	0.00%	0.27%	0.42%								
% of hours with corrections	year-to-date	0.40%	0.21%	0.23%	0.28%								
Interval Corrections													
Number of intervals corrected	in the month	3	0	6	4								
Number of intervals	in the month	8,934	8,057	8,913	8,640								
% of intervals corrected	in the month	0.03%	0.00%	0.07%	0.05%								
% of intervals corrected	year-to-date	0.03%	0.02%	0.03%	0.04%								
Hours Reserved													
Number of hours reserved	in the month	7	0	2	3								
Number of hours	in the month	744	672	744	720								
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.42%								
% of hours reserved	year-to-date	0.94%	0.49%	0.42%	0.42%								
Days to Correction *													
Avg. number of days to correction	in the month	0.50	0.00	1.50	0.50								
Avg. number of days to correction	year-to-date	0.50	0.50	1.00	0.83								
Days Without Corrections													
Days without corrections	in the month	29	28	29	28								
Days without corrections	year-to-date	29	57	86	114								
2009		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	2	6	2	0	2	6	0	2	3	0	2	2
Number of hours	in the month	744	672	744	720	744	720	744	744	720	744	720	744
% of hours with corrections	in the month	0.27%	0.89%	0.27%	0.00%	0.27%	0.83%	0.00%	0.27%	0.42%	0.00%	0.28%	0.27%
% of hours with corrections	year-to-date	0.27%	0.56%	0.46%	0.35%	0.33%	0.41%	0.35%	0.34%	0.35%	0.32%	0.31%	0.31%
Interval Corrections													
Number of intervals corrected	in the month	4	19	4	0	14	14	0	11**	36	0	5	2
Number of intervals	in the month	8,966	8,082	8,933	8,639	8,941	8,655	8,947	8,910	8,656	8,933	8,632	8,941
% of intervals corrected	in the month	0.04%	0.24%	0.04%	0.00%	0.16%	0.16%	0.00%	0.12%	0.42%	0.00%	0.06%	0.02%
% of intervals corrected	year-to-date	0.04%	0.13%	0.10%	0.08%	0.09%	0.11%	0.09%	0.09%	0.13%	0.12%	0.11%	0.10%
Hours Reserved													
Number of hours reserved	in the month	4	8	9	0	6	11	1	4	3	1	5	8
Number of hours	in the month	744	672	744	720	744	720	744	744	720	744	720	744
% of hours reserved	in the month	0.54%	1.19%	1.21%	0.00%	0.81%	1.53%	0.13%	0.54%	0.42%	0.13%	0.69%	1.08%
% of hours reserved	year-to-date	0.54%	0.85%	0.97%	0.73%	0.75%	0.87%	0.77%	0.74%	0.70%	0.64%	0.65%	0.68%
Days to Correction *													
Avg. number of days to correction	in the month	1.00	1.20	0.00	0.00	0.00	0.60	0.00	0.00	1.50	0.00	0.00	1.50
Avg. number of days to correction	year-to-date	1.00	1.14	0.89	0.89	0.73	0.69	0.69	0.65	0.74	0.74	0.67	0.74
Days Without Corrections													
Days without corrections	in the month	29	23	29	30	29	25	31	30	28	31	28	29
Days without corrections	year-to-date	29	52	81	111	140	165	196	226	254	285	313	342

* Calendar days from reservation date.

Percentage of Real-Time Corrections

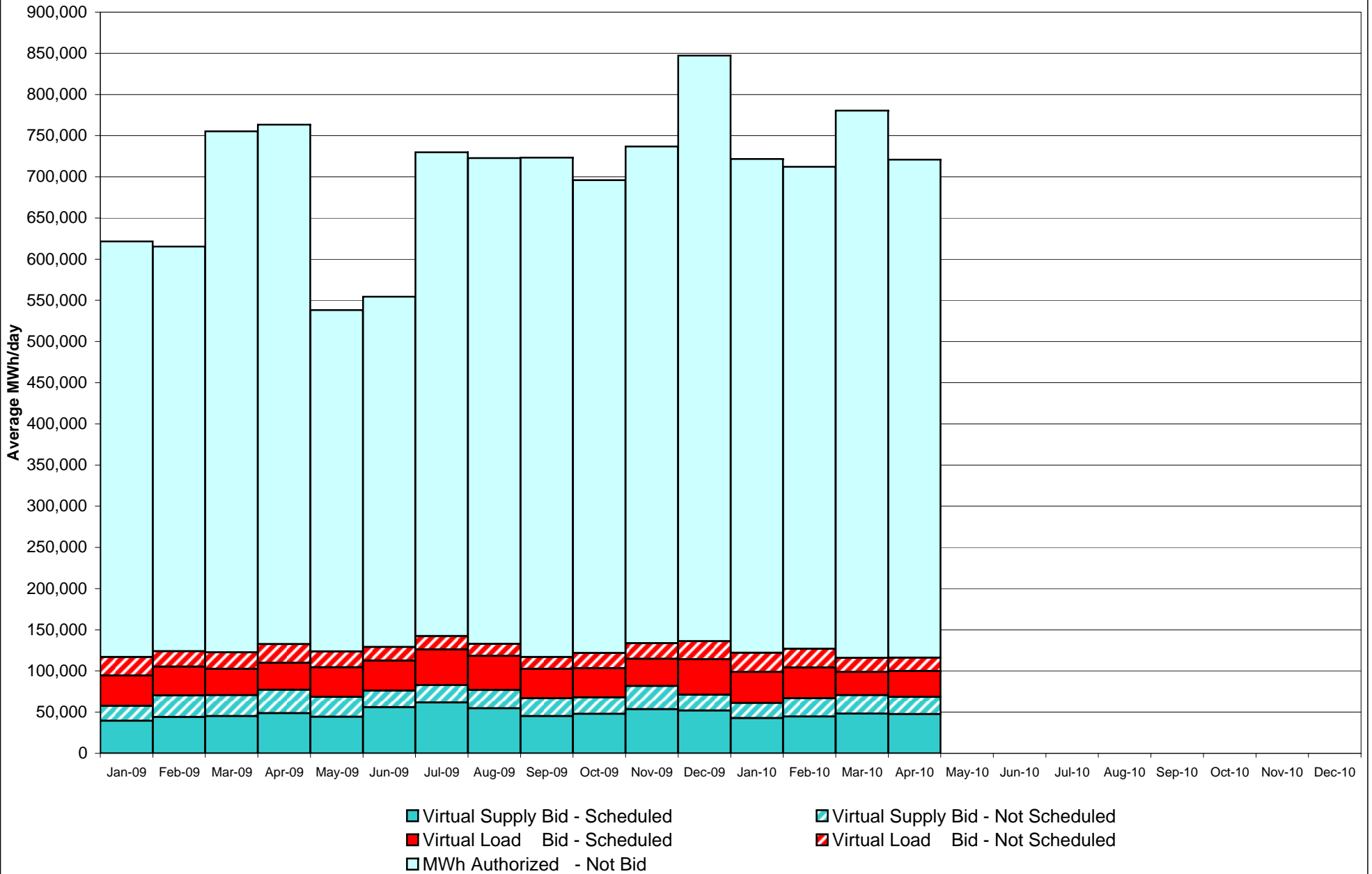


Annual average time period for making Price Corrections (from reservation date) *

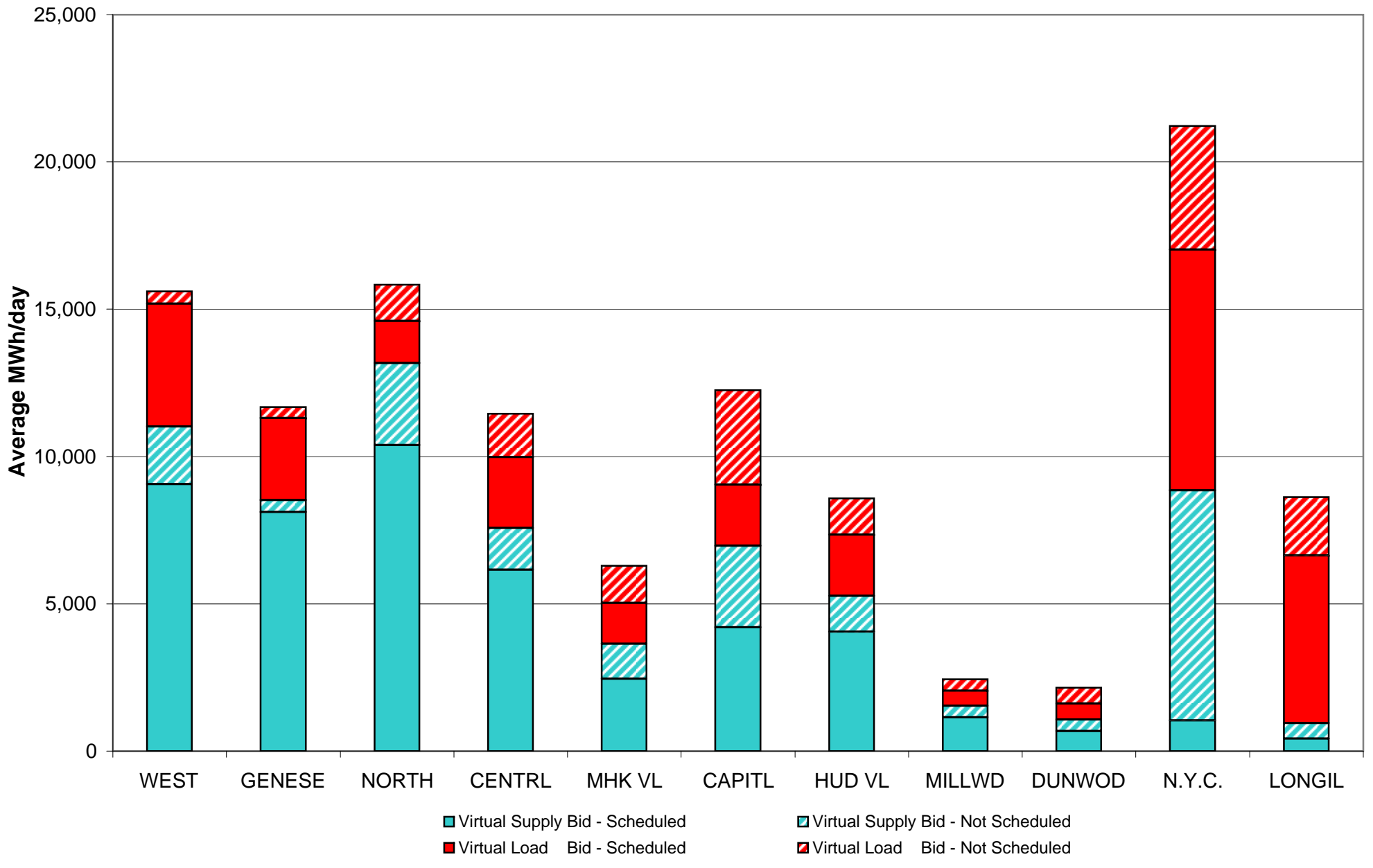


* Calendar days from reservation date.

**NYISO Virtual Trading
Average MWh per day**



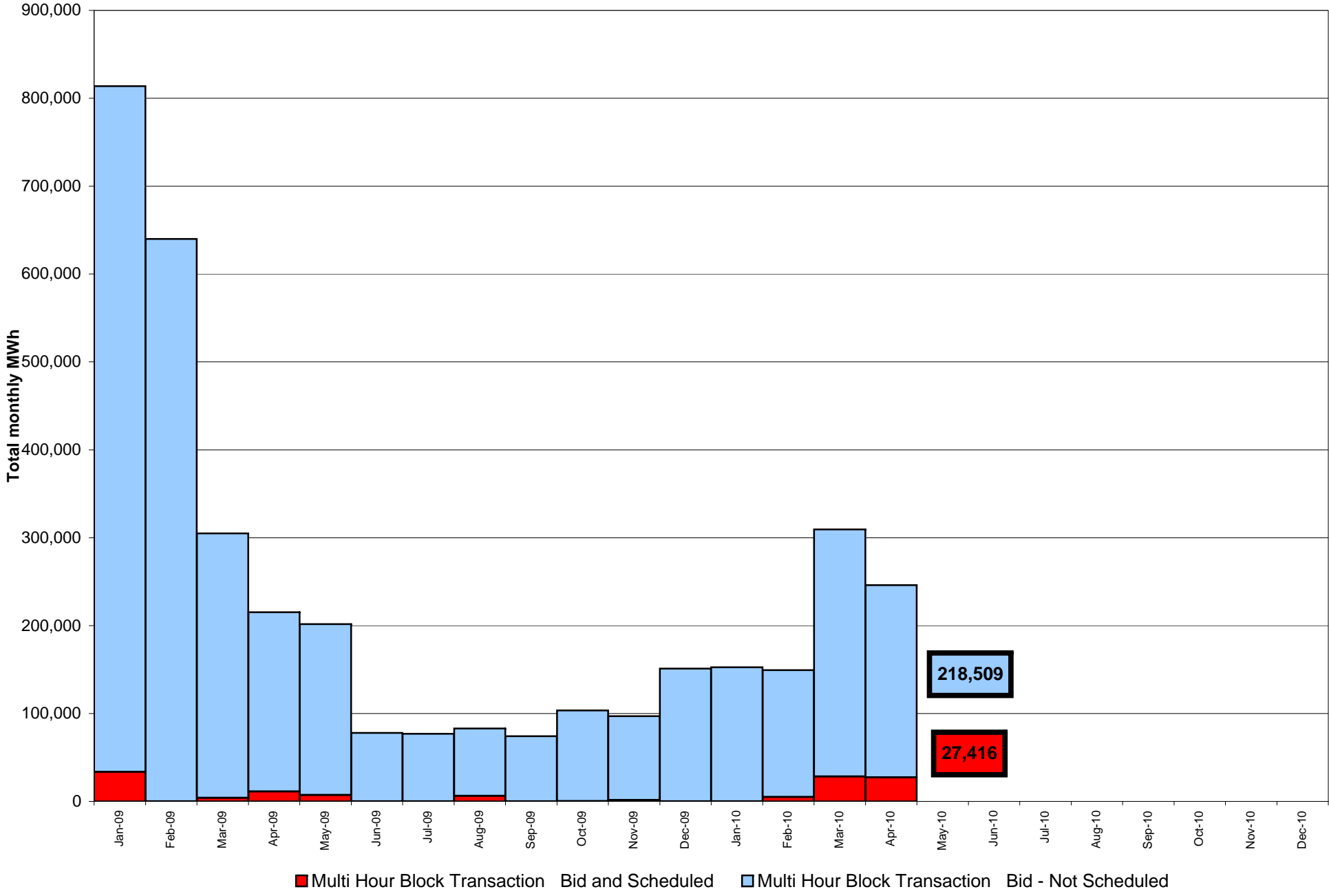
Virtual Load and Supply Zonal Statistics through April 30, 2010



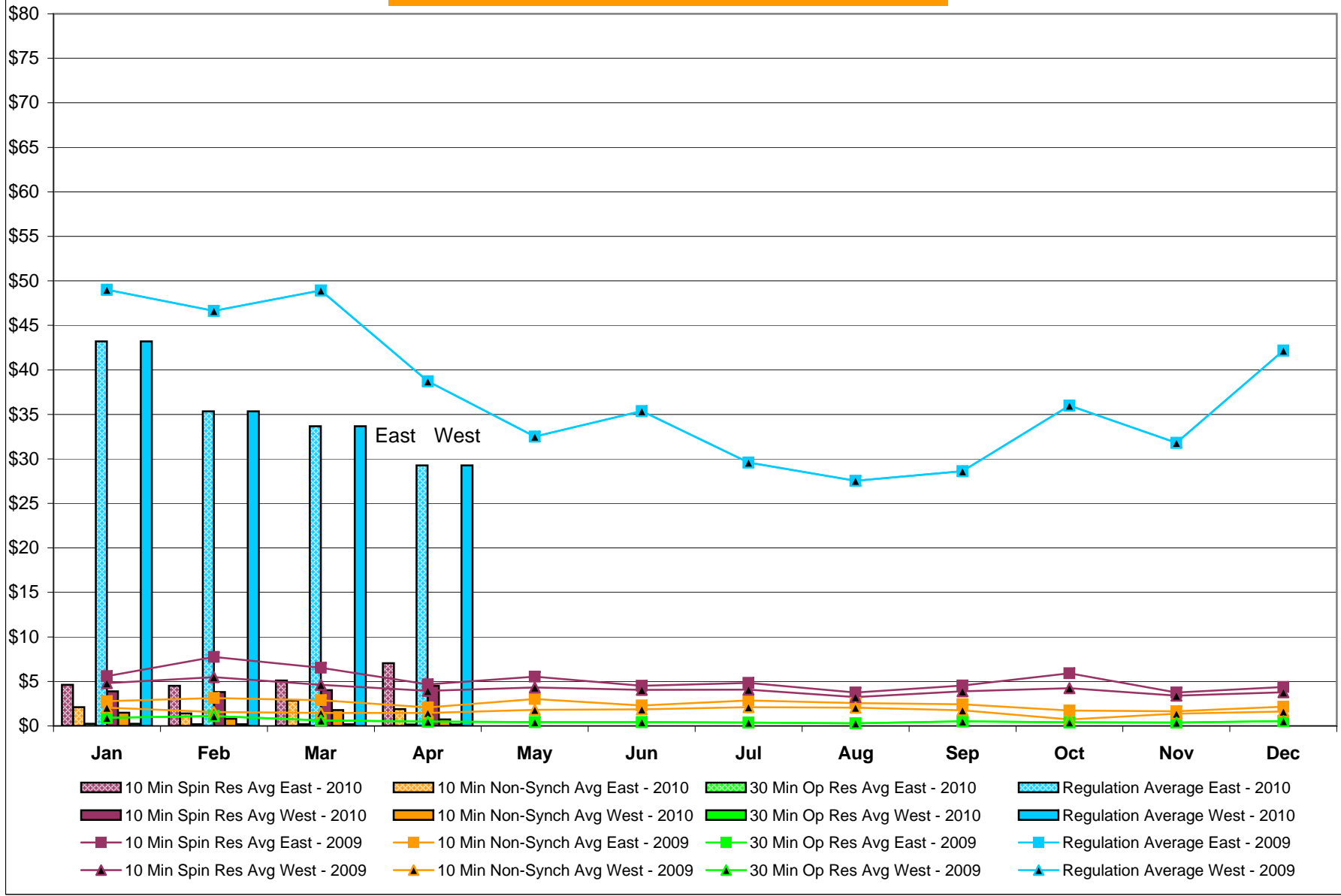
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2010

		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-10	2369	639	7053	1096	MHK VL	Jan-10	566	1360	1944	1812	DUNWOD	Jan-10	1366	715	1007	493
	Feb-10	1782	1503	5731	2602		Feb-10	900	1327	1812	1507		Feb-10	1229	852	615	463
	Mar-10	1878	500	7531	2586		Mar-10	2071	1405	1835	1399		Mar-10	778	691	818	372
	Apr-10	4158	430	9060	1963		Apr-10	1389	1264	2449	1195		Apr-10	550	537	680	383
	May-10						May-10						May-10				
	Jun-10						Jun-10						Jun-10				
	Jul-10						Jul-10						Jul-10				
	Aug-10						Aug-10						Aug-10				
	Sep-10						Sep-10						Sep-10				
	Oct-10						Oct-10						Oct-10				
	Nov-10						Nov-10						Nov-10				
	Dec-10						Dec-10						Dec-10				
GENESE	Jan-10	1307	507	6615	438	CAPITL	Jan-10	3858	3282	1918	1988	N.Y.C.	Jan-10	9721	6433	4216	7305
	Feb-10	1868	599	9495	497		Feb-10	3189	3547	1880	2918		Feb-10	11568	5863	4477	8219
	Mar-10	1081	427	10627	589		Mar-10	2368	3502	1815	3219		Mar-10	9745	3891	687	7785
	Apr-10	2782	375	8112	406		Apr-10	2080	3213	4197	2767		Apr-10	8167	4195	1041	7812
	May-10						May-10						May-10				
	Jun-10						Jun-10						Jun-10				
	Jul-10						Jul-10						Jul-10				
	Aug-10						Aug-10						Aug-10				
	Sep-10						Sep-10						Sep-10				
	Oct-10						Oct-10						Oct-10				
	Nov-10						Nov-10						Nov-10				
	Dec-10						Dec-10						Dec-10				
NORTH	Jan-10	371	910	8227	1944	HUD VL	Jan-10	9362	1921	2611	911	LONGIL	Jan-10	7706	5282	946	254
	Feb-10	946	1438	9552	1793		Feb-10	5602	1774	2178	1513		Feb-10	7375	3929	847	591
	Mar-10	1143	1259	11701	2063		Mar-10	1631	1015	3149	456		Mar-10	6118	2380	592	410
	Apr-10	1425	1245	10390	2780		Apr-10	2073	1240	4047	1220		Apr-10	5689	1983	421	527
	May-10						May-10						May-10				
	Jun-10						Jun-10						Jun-10				
	Jul-10						Jul-10						Jul-10				
	Aug-10						Aug-10						Aug-10				
	Sep-10						Sep-10						Sep-10				
	Oct-10						Oct-10						Oct-10				
	Nov-10						Nov-10						Nov-10				
	Dec-10						Dec-10						Dec-10				
CENTRL	Jan-10	768	1670	7053	1452	MILLWD	Jan-10	477	492	1256	492	NYISO	Jan-10	37871	23210	42846	18184
	Feb-10	1917	1556	7543	1652		Feb-10	786	472	549	462		Feb-10	37163	22861	44679	22218
	Mar-10	991	1607	8467	3033		Mar-10	397	441	1052	376		Mar-10	28200	17119	48274	22288
	Apr-10	2416	1476	6155	1412		Apr-10	508	387	1147	393		Apr-10	31237	16345	47699	20857
	May-10						May-10						May-10				
	Jun-10						Jun-10						Jun-10				
	Jul-10						Jul-10						Jul-10				
	Aug-10						Aug-10						Aug-10				
	Sep-10						Sep-10						Sep-10				
	Oct-10						Oct-10						Oct-10				
	Nov-10						Nov-10						Nov-10				
	Dec-10						Dec-10						Dec-10				

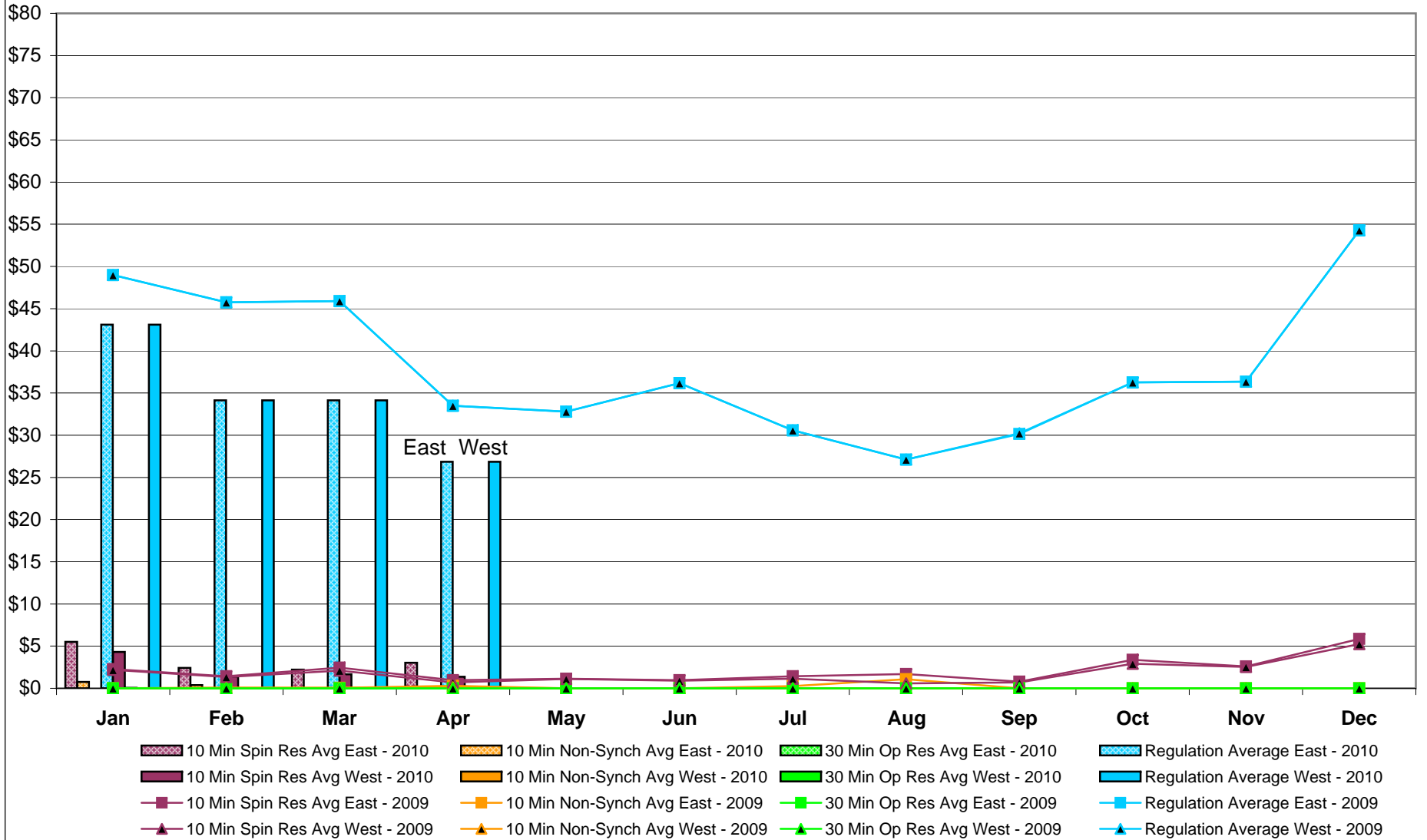
NYISO Multi Hour Block Transactions Monthly Total MWh



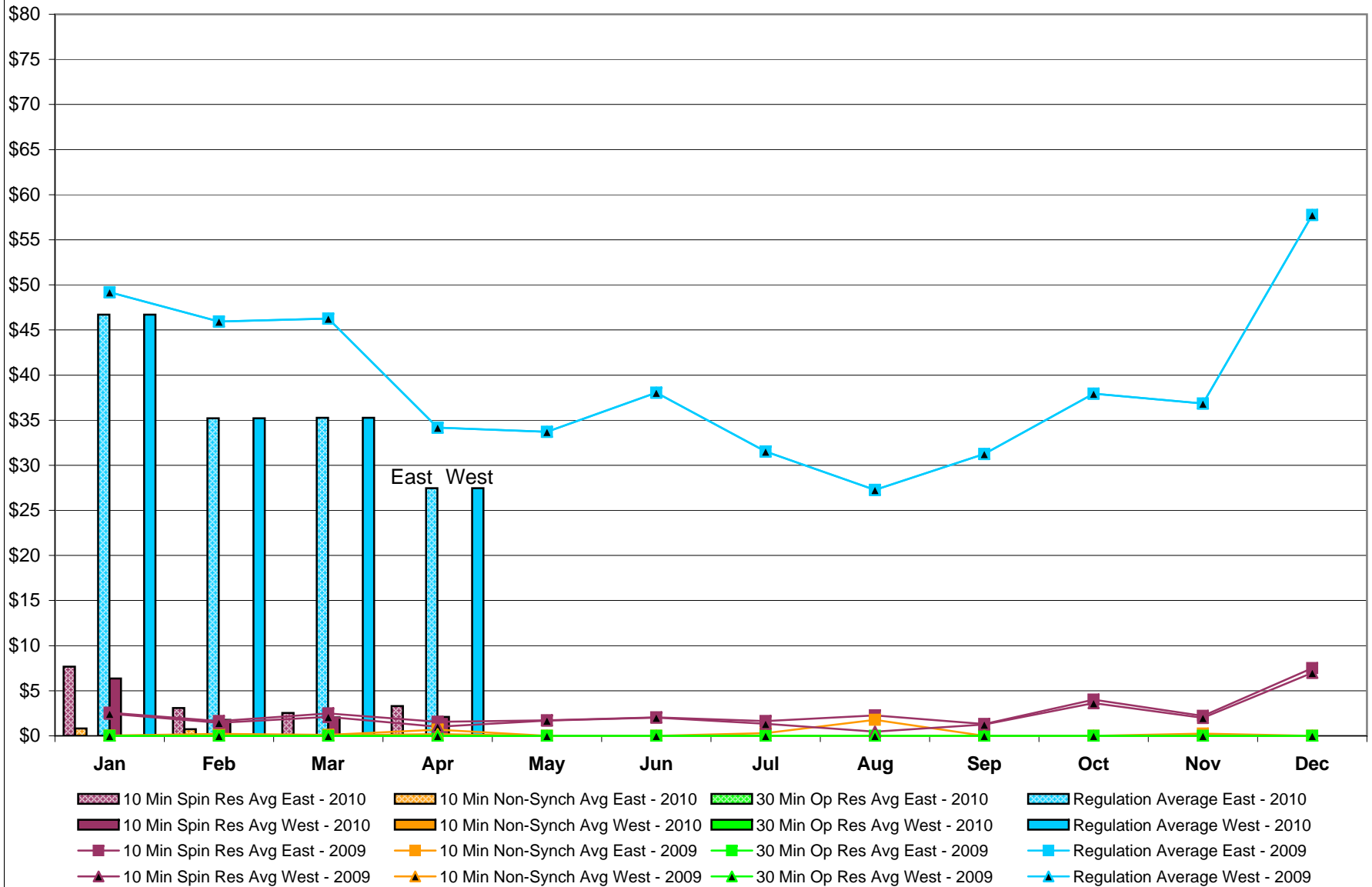
NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2009 - 2010



NYISO Monthly Average Ancillary Service Prices RTC Market 2009 - 2010



NYISO Monthly Average Ancillary Service Prices Real Time Market 2009 - 2010



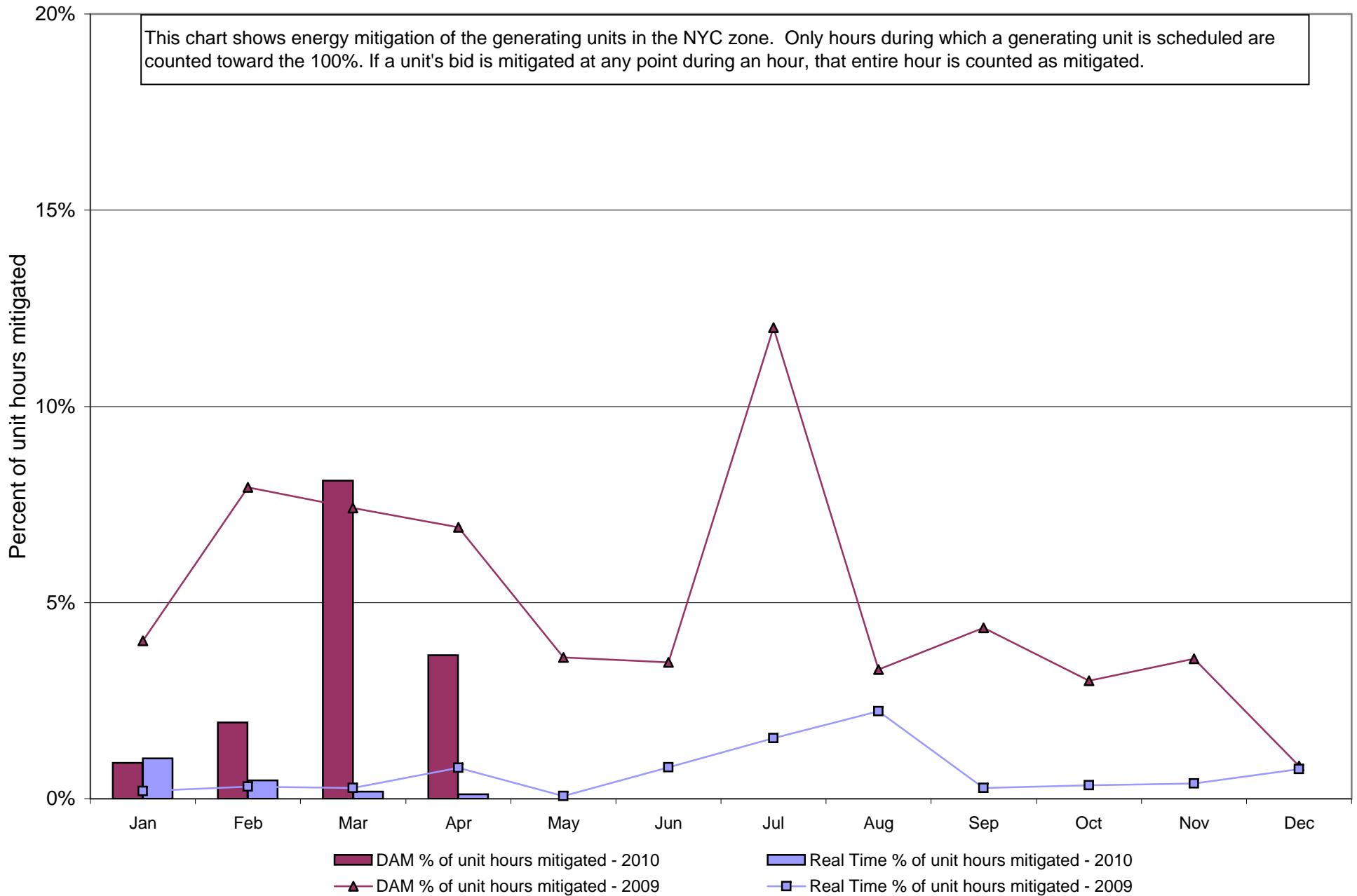
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

2010	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>Day Ahead Market</u>												
10 Min Spin East	4.62	4.51	5.10	7.04								
10 Min Spin West	3.90	3.80	4.02	4.51								
10 Min Non Synch East	2.11	1.42	2.85	1.89								
10 Min Non Synch West	1.49	0.80	1.78	0.74								
30 Min East	0.24	0.18	0.18	0.16								
30 Min West	0.24	0.18	0.18	0.16								
Regulation East	43.21	35.33	33.67	29.28								
Regulation West	43.21	35.33	33.67	29.28								
<u>RTC Market</u>												
10 Min Spin East	5.49	2.42	2.22	3.03								
10 Min Spin West	4.32	1.40	1.66	1.38								
10 Min Non Synch East	0.77	0.37	0.00	0.00								
10 Min Non Synch West	0.05	0.00	0.00	0.00								
30 Min East	0.00	0.00	0.00	0.00								
30 Min West	0.00	0.00	0.00	0.00								
Regulation East	43.11	34.13	34.13	26.86								
Regulation West	43.11	34.13	34.13	26.86								
<u>Real Time Market</u>												
10 Min Spin East	7.67	3.08	2.54	3.31								
10 Min Spin West	6.37	1.78	2.05	2.09								
10 Min Non Synch East	0.83	0.74	0.00	0.00								
10 Min Non Synch West	0.00	0.00	0.00	0.00								
30 Min East	0.00	0.00	0.00	0.00								
30 Min West	0.00	0.00	0.00	0.00								
Regulation East	46.71	35.21	35.26	27.47								
Regulation West	46.71	35.21	35.26	27.47								
2009	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>Day Ahead Market</u>												
10 Min Spin East	5.60	7.74	6.54	4.66	5.53	4.50	4.84	3.76	4.54	5.90	3.75	4.38
10 Min Spin West	4.81	5.48	4.62	3.94	4.32	4.05	4.08	3.25	3.88	4.25	3.41	3.78
10 Min Non Synch East	2.77	3.13	2.88	2.09	3.03	2.31	2.86	2.56	2.42	1.74	1.66	2.16
10 Min Non Synch West	2.05	1.58	1.45	1.46	1.82	1.87	2.11	2.05	1.76	0.73	1.38	1.63
30 Min East	0.92	1.12	0.63	0.50	0.43	0.43	0.37	0.30	0.51	0.41	0.39	0.54
30 Min West	0.92	1.12	0.63	0.50	0.43	0.43	0.37	0.30	0.51	0.41	0.39	0.54
Regulation East	49.01	46.62	48.92	38.71	32.52	35.37	29.59	27.55	28.63	35.99	31.80	42.17
Regulation West	49.01	46.62	48.92	38.71	32.52	35.37	29.59	27.55	28.63	35.99	31.80	42.17
<u>RTC Market</u>												
10 Min Spin East	2.27	1.44	2.43	0.97	1.12	0.96	1.41	1.68	0.79	3.38	2.58	5.85
10 Min Spin West	2.20	1.35	2.09	0.70	1.10	0.91	1.13	0.57	0.71	2.90	2.53	5.24
10 Min Non Synch East	0.00	0.08	0.05	0.30	0.00	0.00	0.27	1.06	0.00	0.00	0.01	0.00
10 Min Non Synch West	0.00	0.04	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30 Min East	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
Regulation East	48.98	45.76	45.90	33.49	32.80	36.17	30.59	27.12	30.14	36.24	36.34	54.29
Regulation West	48.98	45.76	45.90	33.49	32.80	36.17	30.59	27.12	30.23	36.24	36.34	54.29
<u>Real Time Market</u>												
10 Min Spin East	2.57	1.65	2.49	1.55	1.73	2.06	1.65	2.26	1.32	4.01	2.22	7.50
10 Min Spin West	2.46	1.43	2.09	1.01	1.70	2.02	1.33	0.48	1.25	3.62	1.99	7.00
10 Min Non Synch East	0.03	0.22	0.10	0.69	0.00	0.00	0.31	1.77	0.00	0.00	0.24	0.00
10 Min Non Synch West	0.03	0.05	0.05	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
30 Min East	-	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00
Regulation East	49.19	45.95	46.27	34.17	33.71	38.05	31.54	27.27	31.26	37.93	36.84	57.76
Regulation West	49.19	45.95	46.27	34.17	33.71	38.05	31.54	27.27	31.26	37.93	36.84	57.76

NYISO In City Energy Mitigation - AMP (NYC Zone) 2009 - 2010

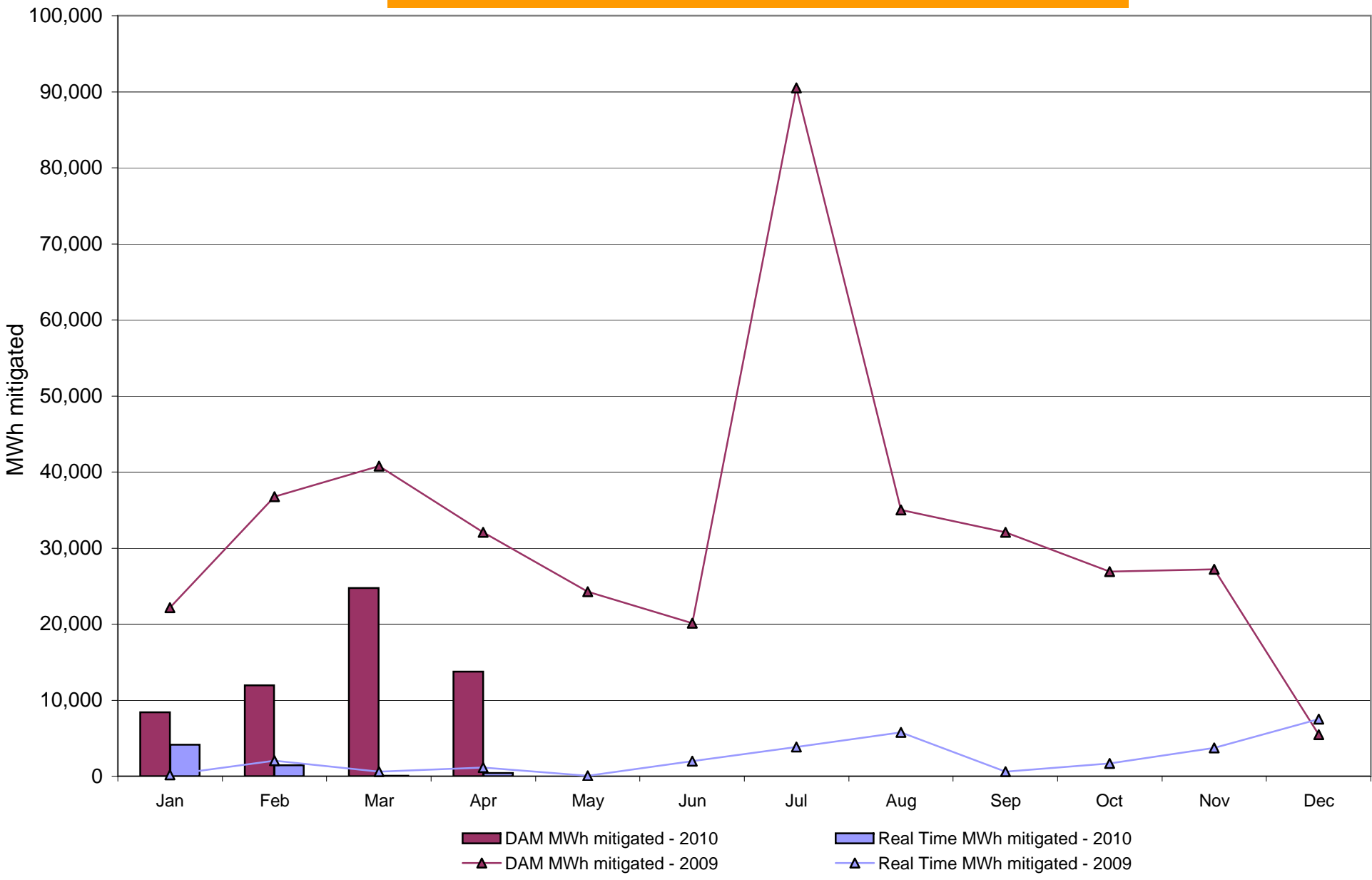
Percentage of committed unit-hours mitigated

This chart shows energy mitigation of the generating units in the NYC zone. Only hours during which a generating unit is scheduled are counted toward the 100%. If a unit's bid is mitigated at any point during an hour, that entire hour is counted as mitigated.

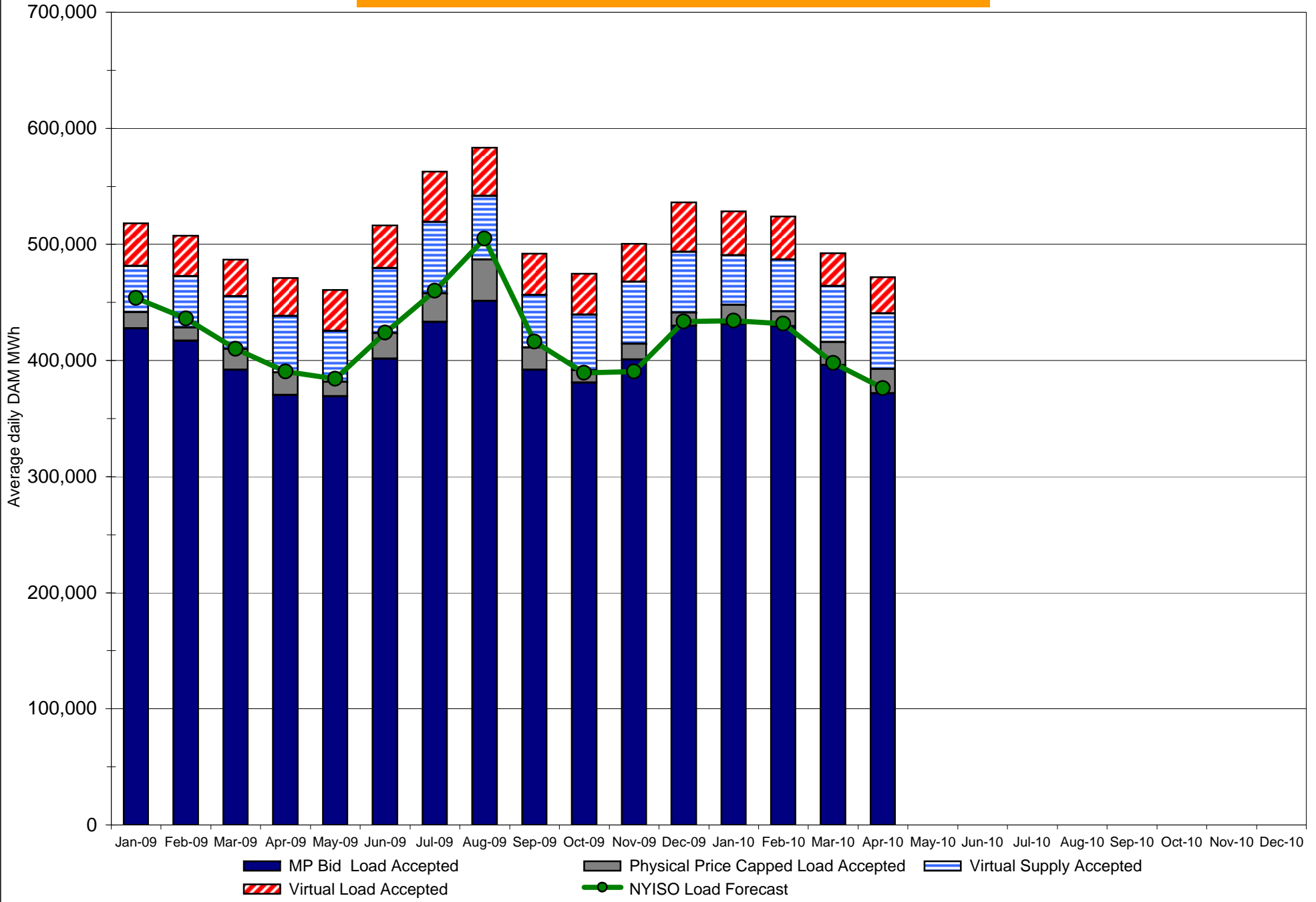


NYISO In City Energy Mitigation (NYC Zone) 2009 - 2010

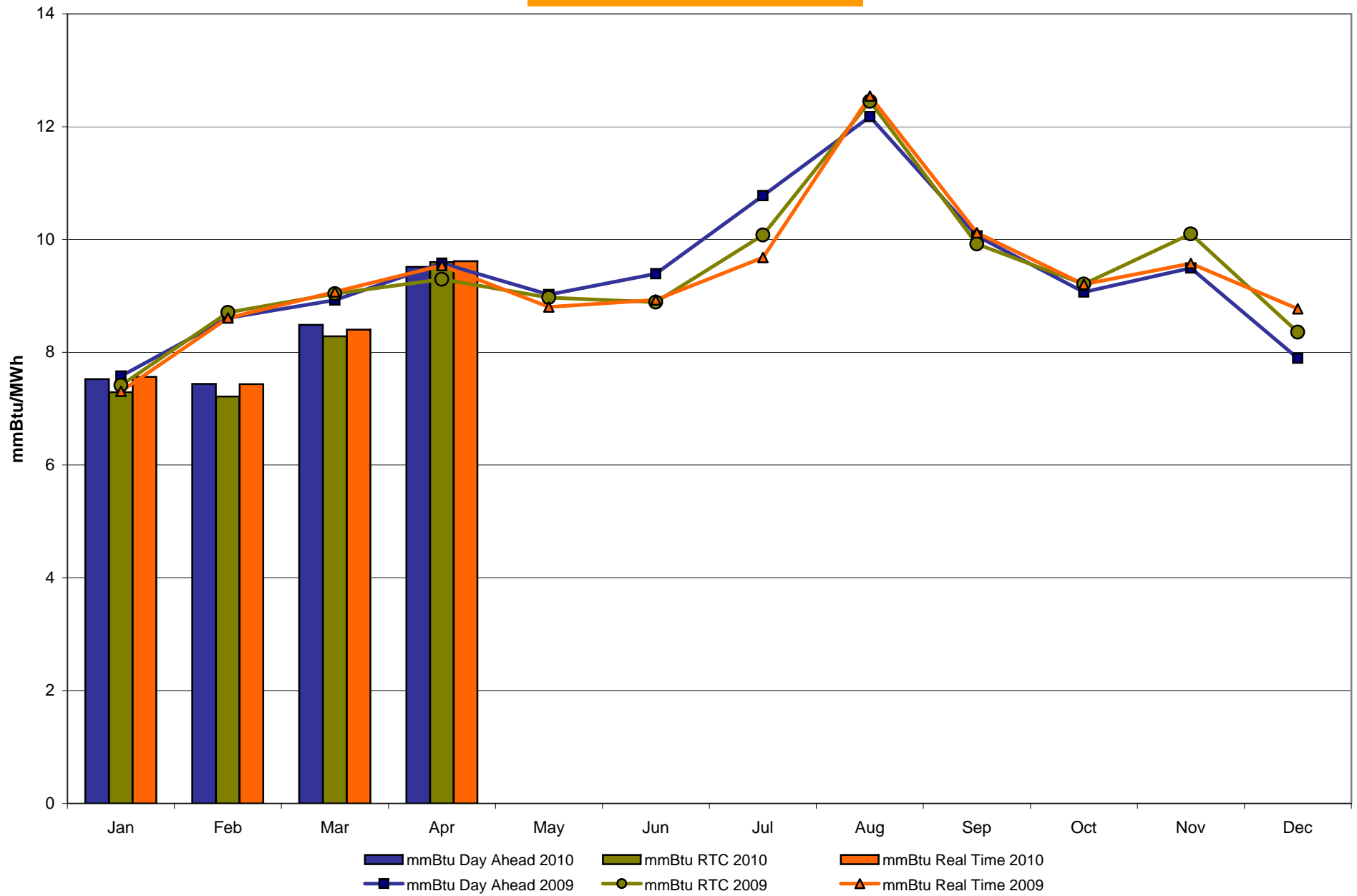
Monthly megawatt hours mitigated



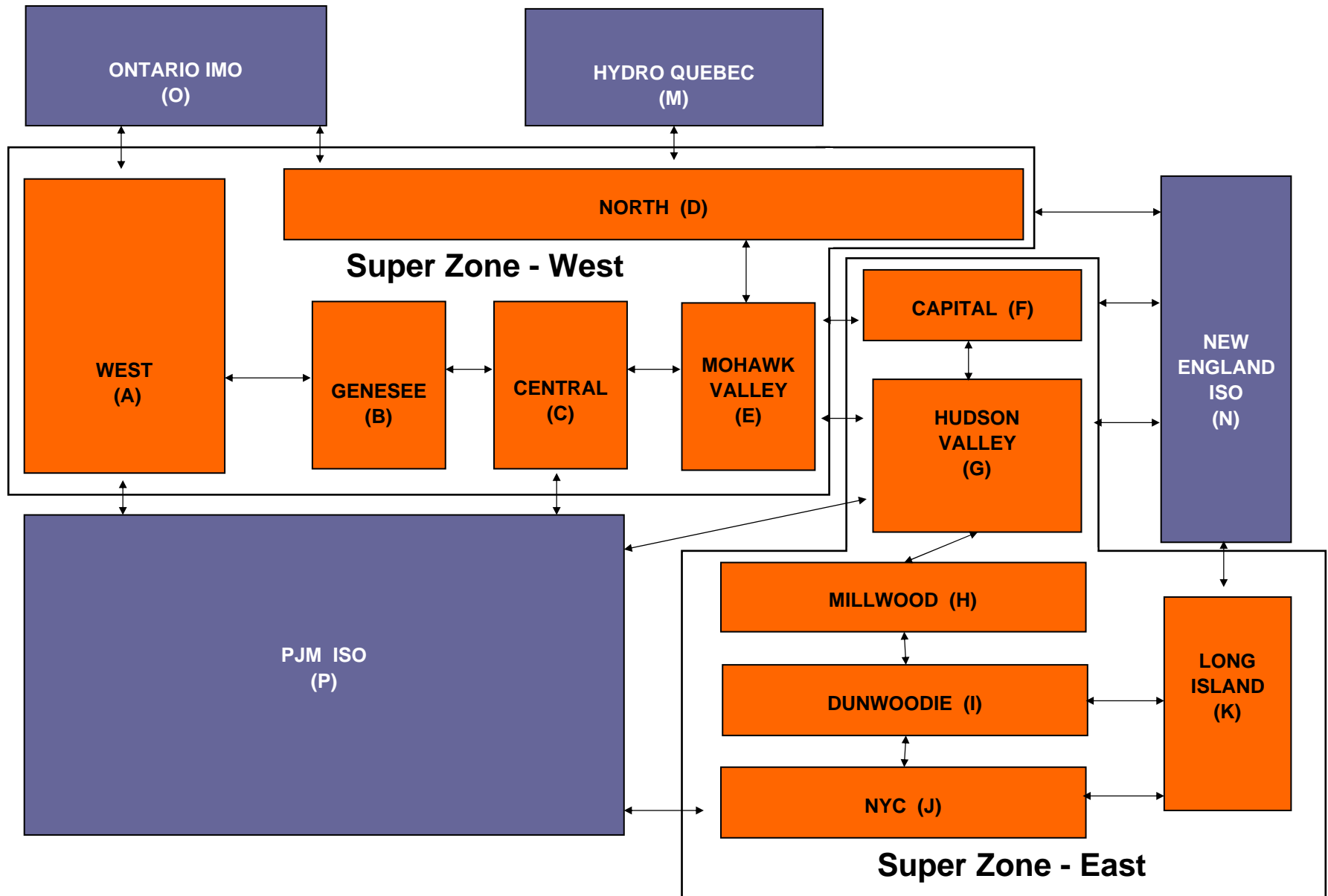
NYISO Average Daily DAM Load Bid Summary



Monthly Implied Heat Rate 2009-2010



NYISO LBMP ZONES

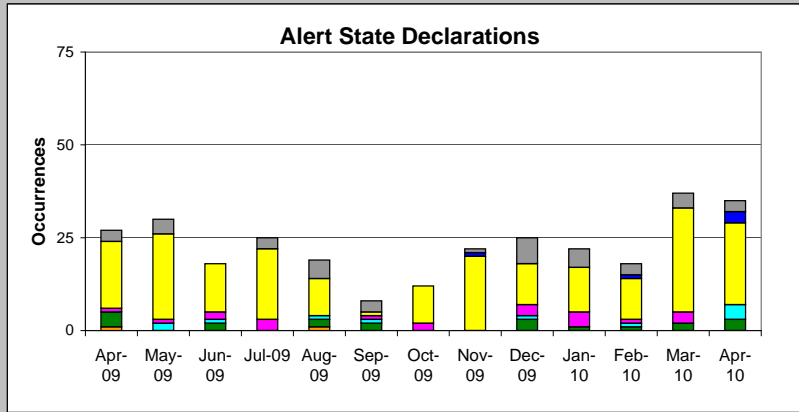


Billing Codes for Chart 4-C










Chart 4-C Category Name	Billing Code	Billing Category Name
Bid Production Cost Guarantee Balancing	81203	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81204	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee Balancing	81205	Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports
Bid Production Cost Guarantee Balancing	81208	Balancing NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee Balancing	81209	Balancing NYISO Bid Production Cost Guarantee - External Units
Bid Production Cost Guarantee Balancing	81213	Balancing NYISO Bid Production Cost Guarantee Expenditure due to Curtailed Imports
Bid Production Cost Guarantee DAM	81201	DAM NYISO Bid Production Cost Guarantee - Internal Units
Bid Production Cost Guarantee DAM	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

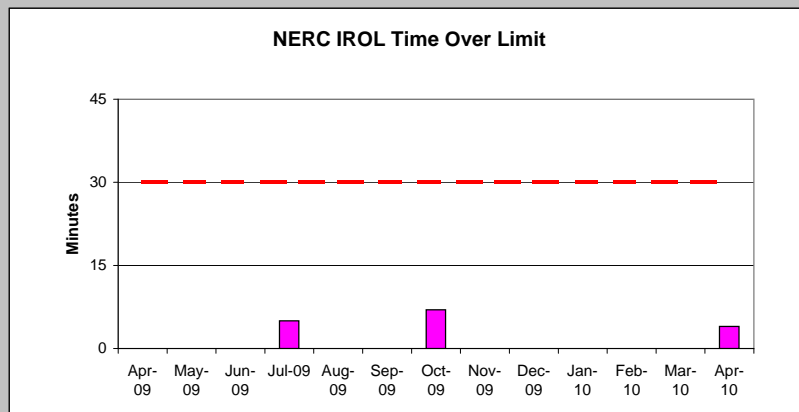
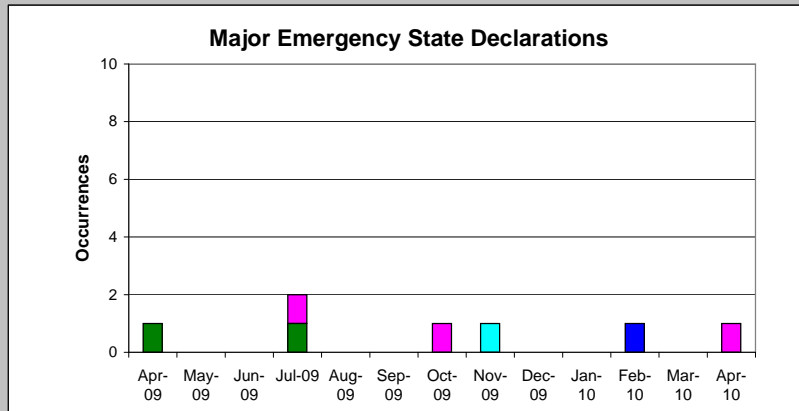
Report Overview

All reliability performance metrics are normal.




System State Declarations

-  ACE Threshold Exceedance
-  Adverse Operating Conditions
-  Communications Degradation
-  Frequency Threshold Exceedance
-  Interface Transfer Limit (IROL) Exceedance
-  Neighboring System in Voltage Reduction
-  Operating Reserve Deficiency
-  Thermal Rating Limit (SOL) Exceedance
-  Voltage Rating Limit (SOL) Exceedance



NERC IROL Exceedance

-  IROL Exceedance Time
- IROL Exceedance Time Limit

Definitions

Alert State Declarations:

The number and causes of Alert State declarations reflect system operating conditions beyond thresholds associated with Normal and Warning States. Declaration of the Alert State allows the NYISO to take corrective actions not available in the Normal and Warning States.

Major Emergency State Declarations:

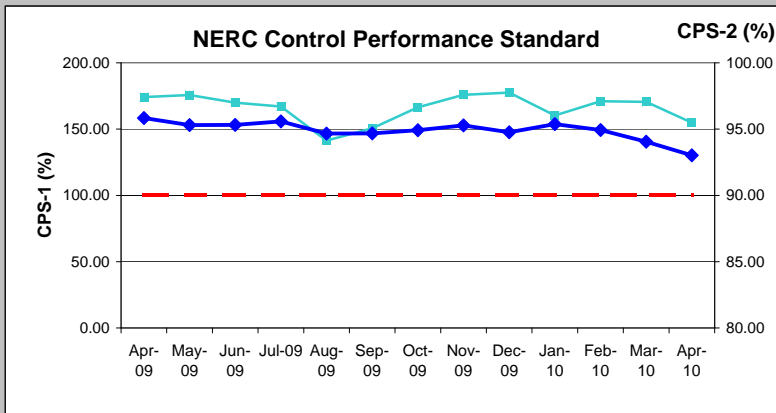
The number and causes of Major Emergency State declarations reflect system operating conditions beyond thresholds associated with the Alert State. Declaration of the Major Emergency State allows the NYISO to take aggressive corrective actions not available in the Alert State.

NERC IROL Time Over Limit:

For IROL exceedances leading to a Major Emergency State declarations, the maximum time for which the IROL is exceeded. IROL exceedances that last for more than thirty minutes are considered a NERC non compliance event.

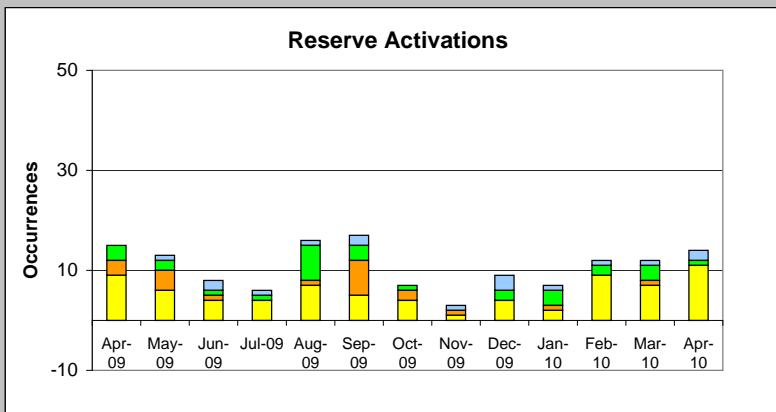
Report Overview

All reliability performance metrics are normal.



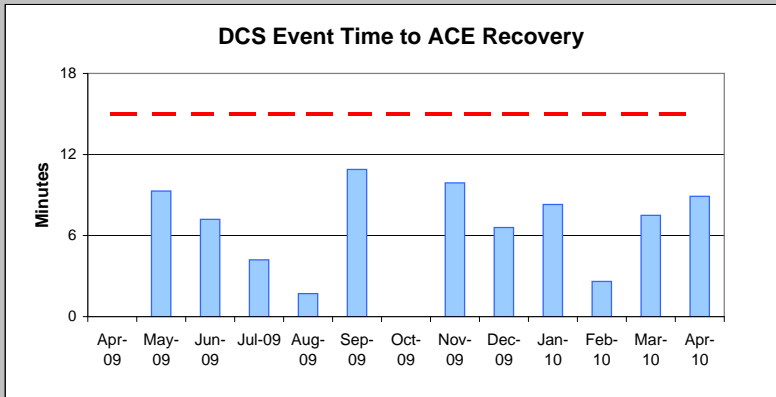
Control Performance

- CPS-1
- CPS-2
- - - CPS Limit



Reserve Activations

- ACE Not Normal
- NYCA Resource Loss < 500 MW
- NYCA Resource Loss >= 500 MW
- Shared Activation of Reserves



NERC DCS Events

- NYISO ACE Recovery Time
- - - NERC DCS - ACE Recovery Time Limit

Definitions

Control Performance Standards:

The values of NERC Control Performance Standards (CPS-1 and CPS-2) are indicators of the NYISO Area resource and demand balancing performance.

Reserve Activations:

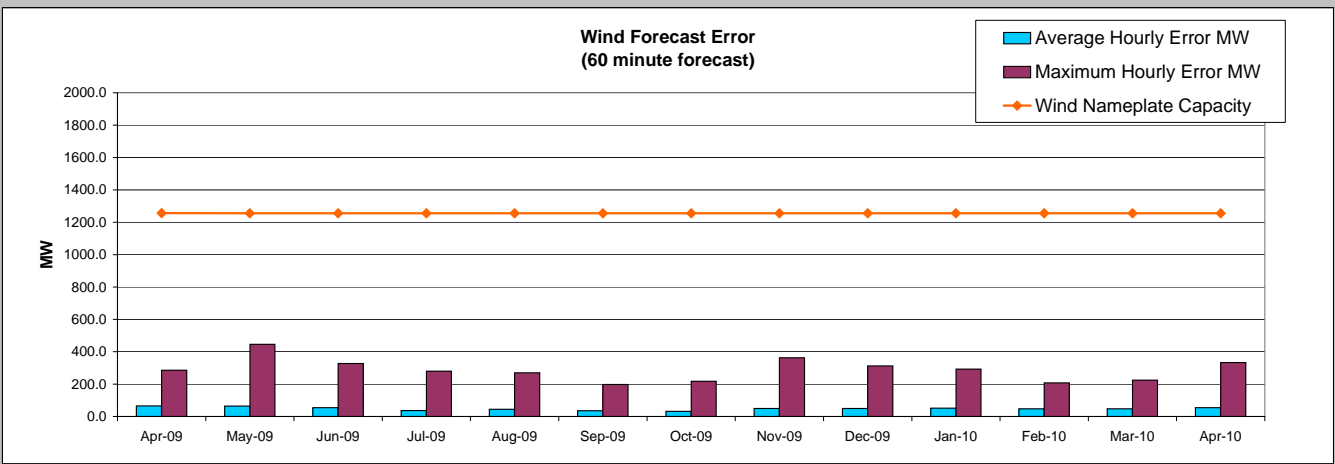
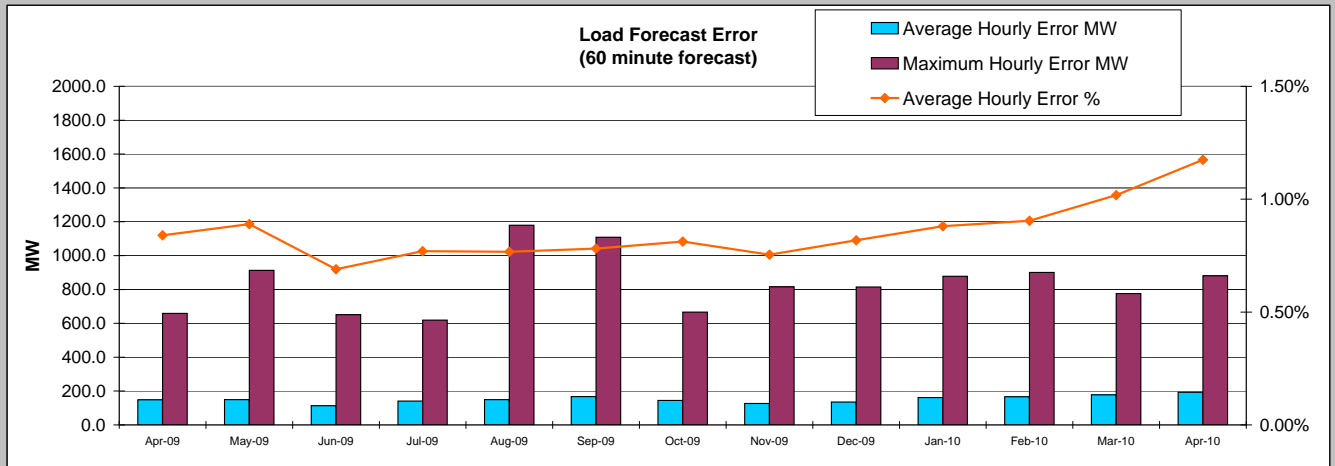
The number and causes of NYISO Reserve Activations are indicators of the need to respond to unexpected operational conditions within the NYISO Area or to assist a neighboring Area (Shared Activation of Reserves) by activating an immediate resource and demand balancing operation.

NERC Disturbance Control Standard (DCS):

For the NYISO initiated Reportable Disturbances, the maximum ACE recovery time. Recovery times exceeding the Disturbance Recovery Period of 15 minutes can lead to NERC non-compliance.

Report Overview

No excessive forecasting errors observed.



Definitions

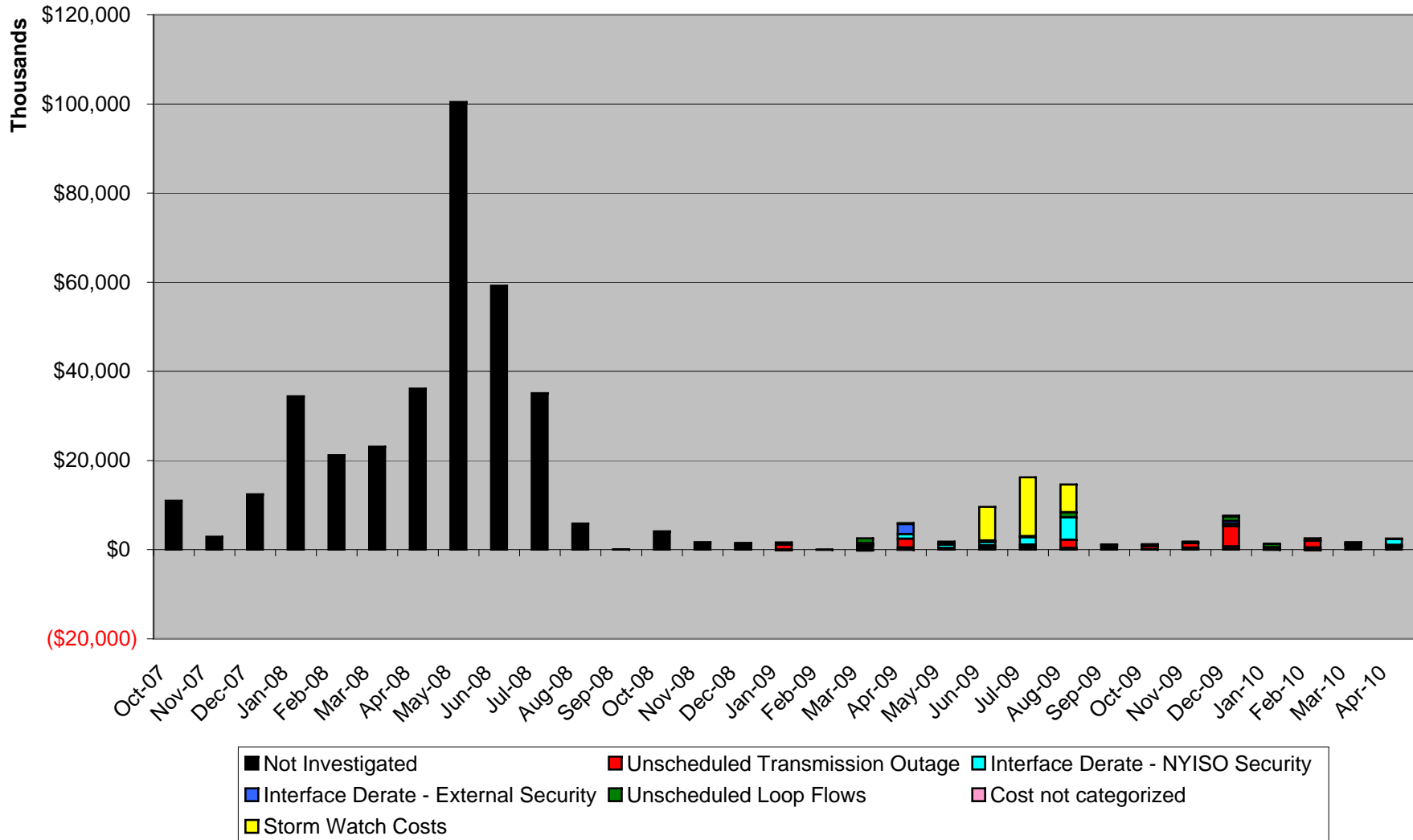
Load Forecast Error

Absolute value of the difference between the hourly average actual load demand and the average 60-minute forecast load demand.
 Average Hourly Error % - Average value of the ratio of hourly average error magnitude to hourly average actual load demand.

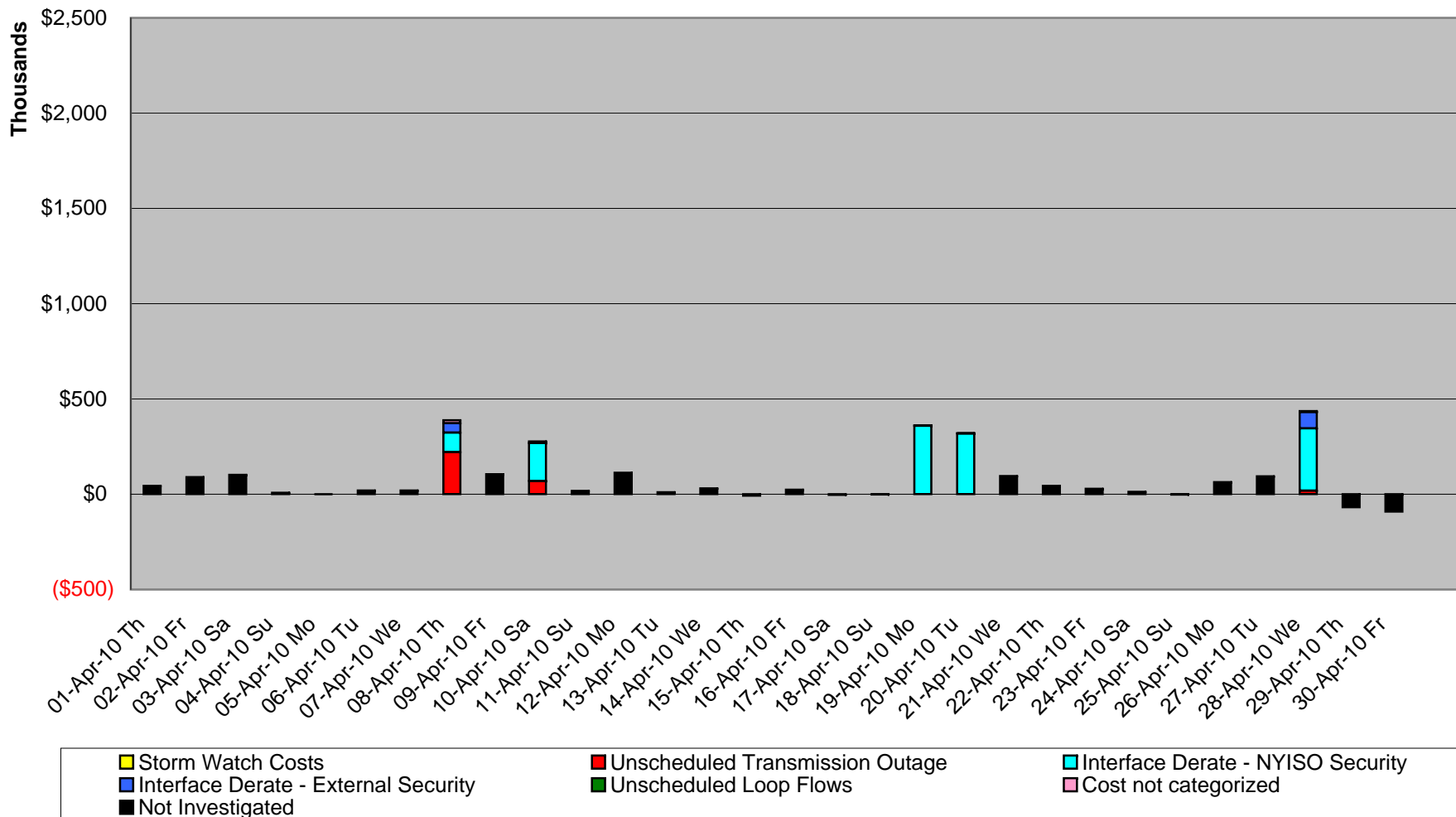
Wind Forecast Error:

Absolute value of the difference between the hourly average actual wind generation and the average 60-minute forecast wind generation.
 Wind Nameplate Capacity - Maximum value of installed NYCA wind generator capacity.

NYISO Balancing Market Congestion Residual Report Monthly Uplift Cost Categories








April 2010 Balancing Market Congestion Residual Report Daily Uplift Cost Categories



Day's investigated in April: 08, 10, 19, 20, 28

Event	Date	Hours	Description
	20100408	7, 10-22	Forced outage Vernon-Kent Ave 138kV (#31232-1)
	20100408	7, 10-11, 13-22	Forced outage Kent Ave-Greenwood 138kV (#31232-2)
	20100408	19	Extended outage Marcy-Coopers Corners 345kV (#UC2-41)
	20100408	10-11, 13-14	Derate East Fish Kill-Pleasant Valley 345kV (#F36) for I/o TWR:PV F30, F31, W80, W81, BK1
	20100408	19	Derate Central East
	20100408	19, 21	Derate Dunwoodie-Shore Rd 345kV (#Y50)
	20100408	10-11, 13-15	Derate Astoria West/QueensBridge/Vernon
	20100408	16, 17	ISONE DNI Ramp Limit
	20100408	22	IESO DNI Ramp Limit
	20100410	18-21	Extended outage Waldwick-South Mahwah 345kV (#J3410)
	20100410	0	Derate Mott Haven-Dunwoodie 345kV (#71) for I/o Dunwoodie-Mott Haven 345kV (#72)
	20100410	9-13, 15-16, 18-21	Derate E179th St-Hell Gate 138kV (#15054)
	20100410	9-13, 15-16, 18-21	Derate West 49th Street-Sprainbrook 345kV (#M52) for I/o SCB RS3 on Sprainbrook-W49th St 345kV (#M51)
	20100410	19	Derate Rainey-Vernon 138kV (#36312)
	20100419	8-18, 20-21	Derate Mott Haven-Dunwoodie 345kV (#71) for I/o Dunwoodie-Mott Haven 345kV (#72)
	20100419	20-21	Derate GowanusN-Greenwood 138kV (#42231)
	20100420	8-17, 19-20	Derate Mott Haven-Dunwoodie 345kV (#71) for I/o Dunwoodie-Mott Haven 345kV (#72)
	20100420	13, 16-17, 19	Derate Dunwoodie-Shore Rd 345kV (#Y50) for I/o Neptune HVDC Tie Line
	20100420	8-17, 19-20	Derate GowanusN-Greenwood 138kV (#42231)
	20100428	11	Forced outage Massena-Marcy 765kV (#MSU1), Chateuguay-Massena 765 kV (#7040)
	20100428	22	NYCA DNI Ramp Limit
	20100428	7-19, 21	Derate Astoria West/QueensBridge/Vernon
	20100428	7-9, 14-15, 21-23	Derate Hudson Avenue-Jamaica 138kV (#702)
	20100428	7-9, 11-12	Derate Rainey-Vernon 138kV (#36312)
	20100428	7-10	Derate Greenwood-Vernon 138kV (#31231) for I/o Goethals tower
	20100428	10, 14-16	Derate Dunwoodie-Shore Rd 345kV (#Y50)
	20100428	14-15, 21-23	Derate Greenwood-Kent Avenue 138kV (#31232-1) for I/o Goethals tower
	20100428	11, 12, 22	Derate Freshkills-Willowbrook 138kV (#29211-2)
	20100428	11, 12	HQ-NY Scheduling Limit
	20100428	13, 14	HQ DNI Ramp Limit

Real-Time Balancing Market Congestion Residual (Uplift Cost) Categories

<u>Category</u>	<u>Cost Assignment</u>	<u>Events Types</u>	<u>Event Examples</u>
 Storm Watch	Zone J	Thunderstorm Alert (TSA)	TSA Activations
 Unscheduled Transmission Outage	Market-wide	Reduction in DAM to RTM transfers related to unscheduled transmission outage	Forced Line Outage, Unit AVR Outages
 Interface Derate - NYISO Security	Market-wide	Reduction in DAM to RTM transfers not related to transmission outage	Interface Derates due to RTM voltages
 Interface Derate - External Security	Market-wide	Reduction in DAM to RTM transfers related to External Control Area Security Events	TLR Events, External Transaction Curtailments
 Unscheduled Loop Flows	Market-wide	Changes in DAM to RTM unscheduled loop flows impacting NYISO Interface transmission constraints	DAM to RTM Clockwise Lake Erie Loop Flows greater than 300MW

Monthly Balancing Market Congestion Report Assumptions/Notes

- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) At a minimum those days with \$ 100 K/HR, shortfall of \$ 200 K/Day or more, or surplus of \$ 100 K/Day or more are investigated
- 3) Uplift costs associated with multiple event types are apportioned equally by hour
- 4) Investigations began with Dec 2008. Prior months are reported as Not Investigated.