



Monthly Report

June 2010

Rana Mukerji

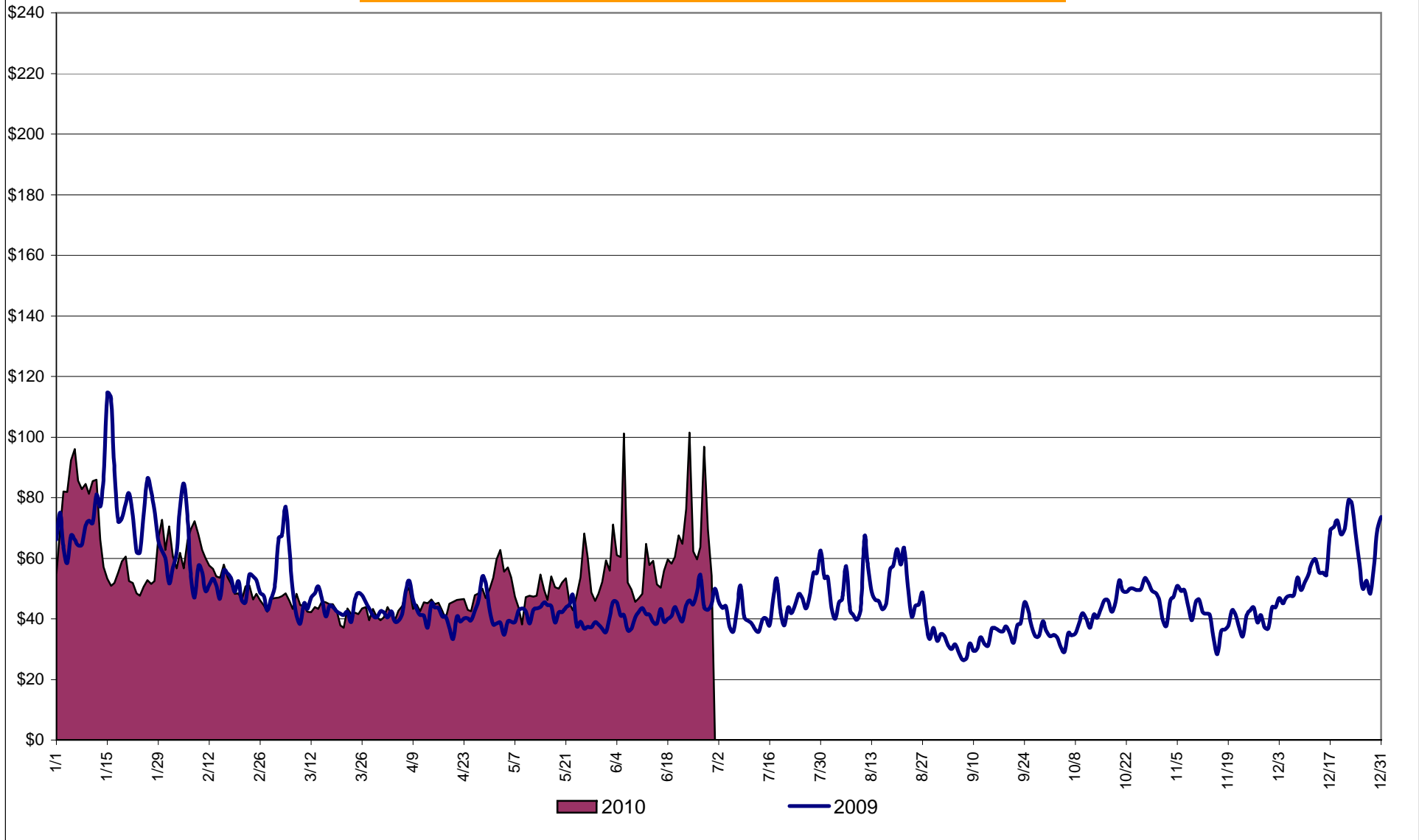
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Market Performance Highlights for June 2010

- **LBMP for June is \$59.09/MWh, up from \$48.82/MWh in May 2010.**
 - Average monthly cost is \$64.46/MWh, up from \$51.87/MWh in May 2010.
 - Day Ahead and Real Time LBMPs have increased from May 2010.
- **Average daily sendout is 491GWh/day in June, up from 415GWh/day in May 2010 and higher than the June 2009 sendout of 427GWh/day.**
- **Natural Gas prices are up compared to last month, while the distillates are lower.**
 - Kerosene is \$15.76/MMBtu, down from \$15.86/MMBtu in May.
 - No. 2 Fuel Oil is \$14.50/MMBtu, down from \$14.60/MMBtu in May.
 - No. 6 Fuel Oil is \$11.21/MMBtu, down from \$11.62/MMBtu in May.
 - Natural Gas is \$5.18/MMBtu, up from \$4.49/MMBtu in May.
- **Uplift per MWh is trending up from the previous month.**
 - Uplift (not including NYISO cost of operations) is \$2.31/MWh, up from \$0.32/MWh in May:
 - The TSA share is \$0.69/MWh
 - The Local Reliability Share is \$0.76/MWh
 - The Other Share is \$0.86/MWh
- **Total uplift (Schedule 1 components including NYISO Cost of Operations) of \$44.6 million in June is higher compared to \$13.6 million in May.**
 - A Large portion of the Uplift is attributed to seven TSA events and the fire at the Dunwoodie substation

Daily NYISO Average Cost/MWh (Energy & Ancillary Services)*
 2009 Annual Average \$48.68/MWh
 June 2009 YTD Average \$52.08/MWh
 June 2010 YTD Average \$55.47/MWh



* Excludes ICAP payments.

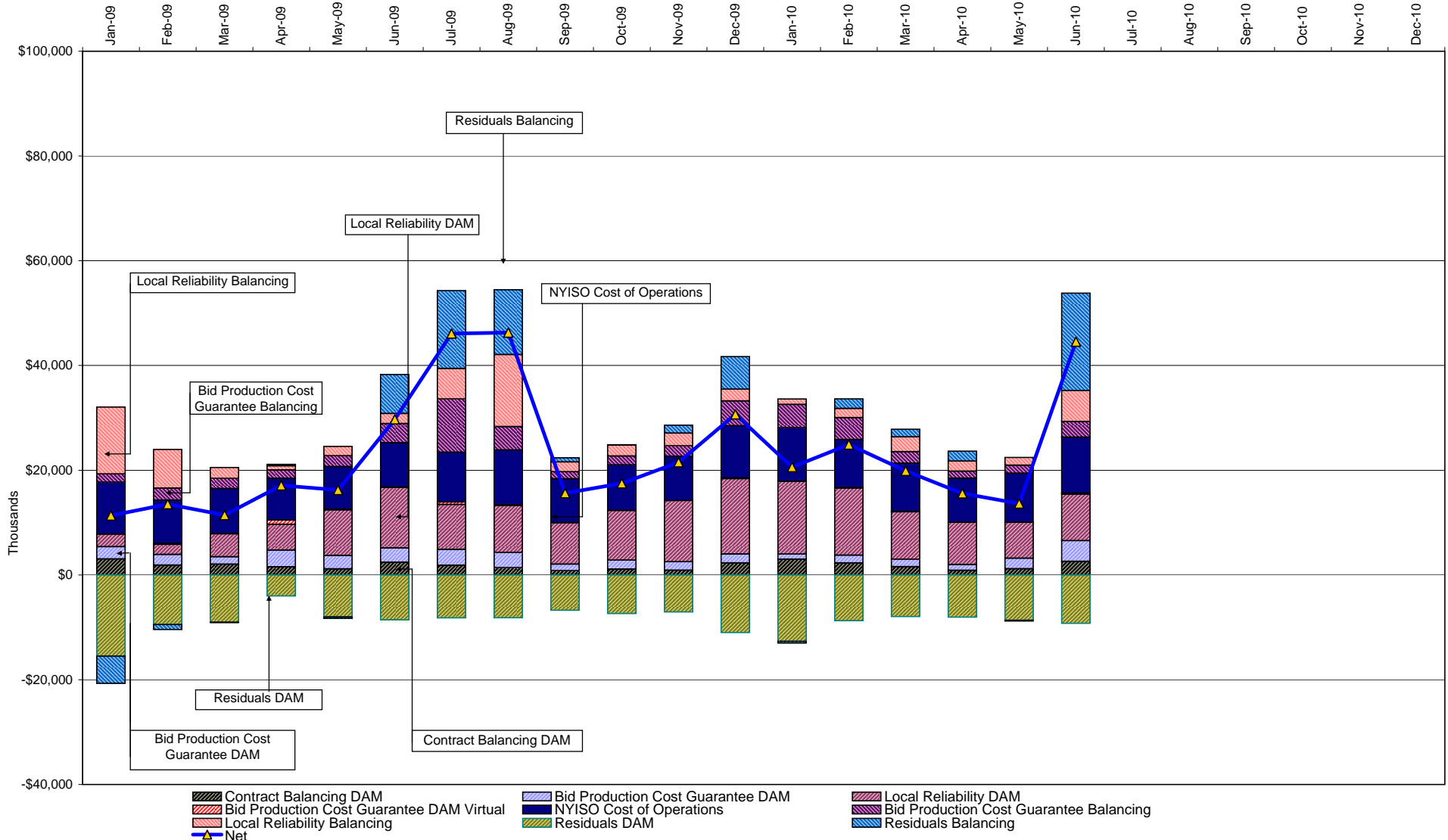
NYISO Average Cost/MWh (Energy and Ancillary Services) *
from the LBMP Customer point of view

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	48.82	59.09						
NTAC	0.70	0.77	0.88	1.19	0.95	1.46						
Reserve	0.19	0.17	0.26	0.29	0.32	0.14						
Regulation	0.44	0.37	0.40	0.32	0.30	0.31						
NYISO Cost of Operations	0.71	0.71	0.71	0.71	0.71	0.71						
Uplift	0.73	1.22	0.82	0.61	0.32	2.31						
Uplift: TSA Share	-	-	-	-	0.03	0.69						
Uplift: Local Reliability Share	0.53	0.72	0.49	0.39	0.19	0.76						
Uplift: Other Share	0.20	0.50	0.33	0.22	0.10	0.86						
Voltage Support and Black Start	<u>0.44</u>	<u>0.44</u>	<u>0.44</u>	<u>0.44</u>	<u>0.44</u>	<u>0.44</u>						
Avg Monthly Cost	67.11	56.13	43.71	45.13	51.87	64.46						
Avg YTD Cost	67.11	62.05	56.30	53.63	53.28	55.47						
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>
LBMP	73.30	52.75	45.64	39.66	37.83	39.01	40.68	43.65	31.74	39.74	37.87	55.64
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	2.74	0.62	0.70	1.07	1.43
Uplift: TSA Share	-	-	0.00	0.02	0.02	0.45	0.75	0.47	-	-	-	-
Uplift: Local Reliability Share	0.15	0.28	0.12	0.22	0.41	0.78	0.83	1.35	0.39	0.46	0.70	0.78
Uplift: Other Share	(0.04)	0.13	0.09	0.43	0.20	0.48	1.08	0.92	0.23	0.24	0.37	0.65
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	34.54	42.81	41.35	59.48
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	48.68

* Excludes ICAP payments.

These numbers reflect the true-ups thru May 2010.

NYISO Dollar Flows - Uplift - OATT Schedule 1 components - Data through June 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	12,795,110	14,263,543						
DAM LSE Internal LBMP Energy Sales	49%	46%	47%	53%	47%	49%						
DAM External TC LBMP Energy Sales	2%	3%	1%	1%	1%	2%						
DAM Bilateral - Internal Bilaterals	41%	43%	43%	39%	44%	42%						
DAM Bilateral - Import/Non-LBMP Market Bilaterals	6%	5%	5%	4%	5%	5%						
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	2%	2%	2%	1%						
DAM Bilateral - Wheel Through Bilaterals	2%	1%	1%	1%	1%	1%						
Balancing Energy Market MWh	377,242	280,238	21,148	637	341,742	735,521						
Balancing Energy LSE Internal LBMP Energy Sales	40%	53%	-427%	-14017%	61%	87%						
Balancing Energy External TC LBMP Energy Sales	56%	50%	593%	17099%	44%	11%						
Balancing Energy Bilateral - Internal Bilaterals	10%	7%	191%	6847%	7%	10%						
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	2%	35%	1%	0%						
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	7%	8%	117%	3606%	6%	3%						
Balancing Energy Bilateral - Wheel Through Bilaterals	-12%	-18%	-376%	-13470%	-19%	-10%						
Transactions Summary												
LBMP	52%	50%	49%	54%	50%	54%						
Internal Bilaterals	40%	43%	43%	39%	43%	40%						
Import Bilaterals	5%	5%	5%	4%	5%	5%						
Export Bilaterals	2%	2%	2%	2%	2%	1%						
Wheels Through	1%	1%	1%	1%	0%	0%						
Market Share of Total Load												
Day Ahead Market	97.4%	97.8%	99.8%	100.0%	97.4%	95.1%						
Balancing Energy +	2.6%	2.2%	0.2%	0.0%	2.6%	4.9%						
Total MWh	14,412,023	12,873,543	12,944,078	11,770,104	13,136,851	14,999,065						
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491						

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	431,981
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	14,478,602
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	\$45.29	\$52.71						
Standard Deviation	\$20.86	\$13.07	\$7.78	\$8.09	\$11.45	\$16.14						
Load Weighted Price **	\$62.80	\$51.71	\$39.60	\$41.18	\$47.04	\$55.22						
<u>RTC LBMP</u>												
Price *	\$59.32	\$49.38	\$37.94	\$40.58	\$46.70	\$58.69						
Standard Deviation	\$33.92	\$24.97	\$14.48	\$13.84	\$21.47	\$58.47						
Load Weighted Price **	\$60.85	\$50.16	\$38.64	\$41.54	\$48.31	\$61.91						
<u>REAL TIME LBMP</u>												
Price *	\$60.40	\$50.45	\$38.09	\$40.49	\$47.17	\$58.49						
Standard Deviation	\$42.06	\$30.38	\$19.24	\$17.00	\$28.15	\$56.05						
Load Weighted Price **	\$63.13	\$51.69	\$39.19	\$41.62	\$49.38	\$63.06						
Average Daily Energy Sendout/Month GWh	451	444	410	387	415	491						

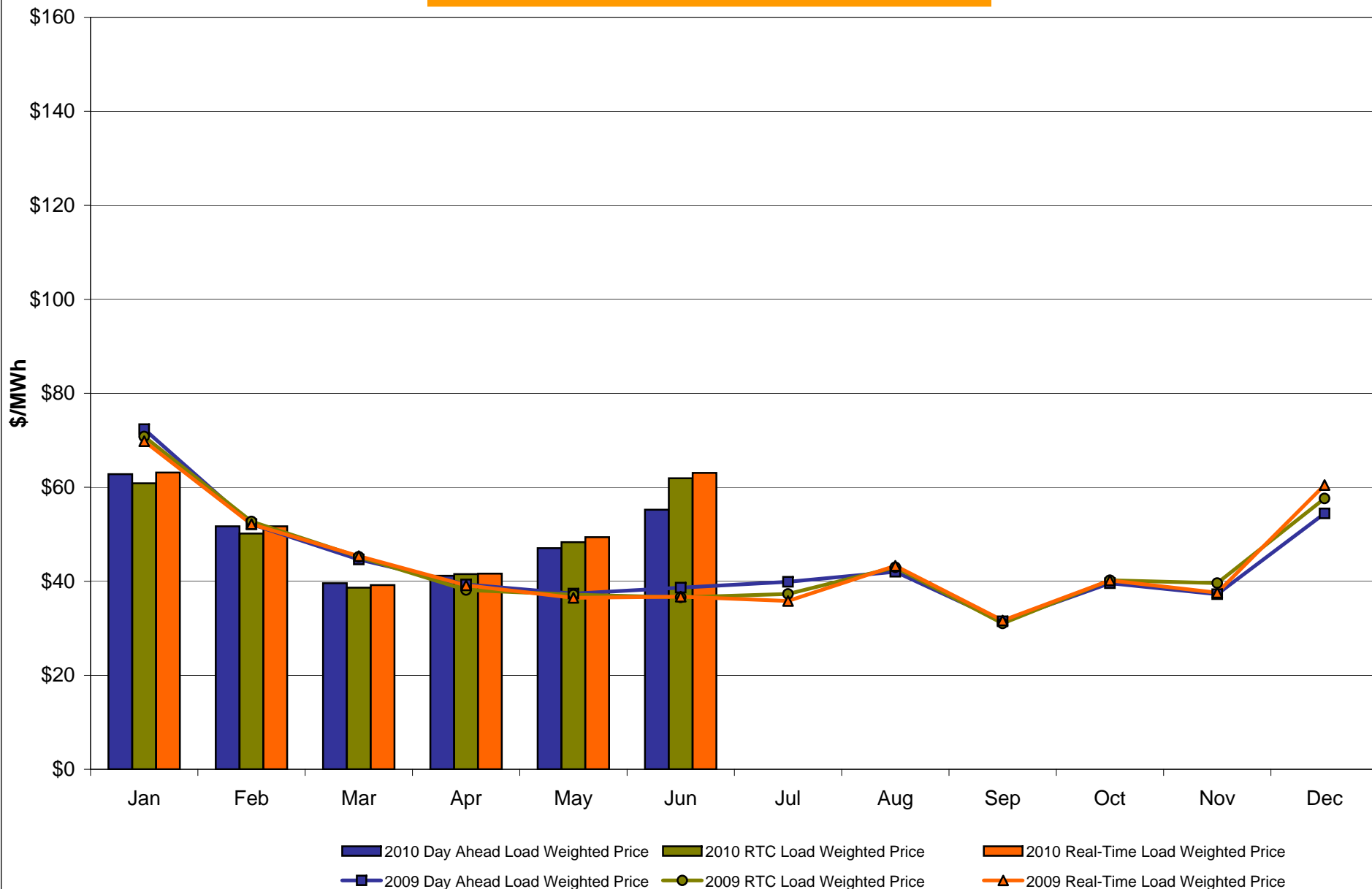
NYISO Markets 2009 Energy Statistics

	<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

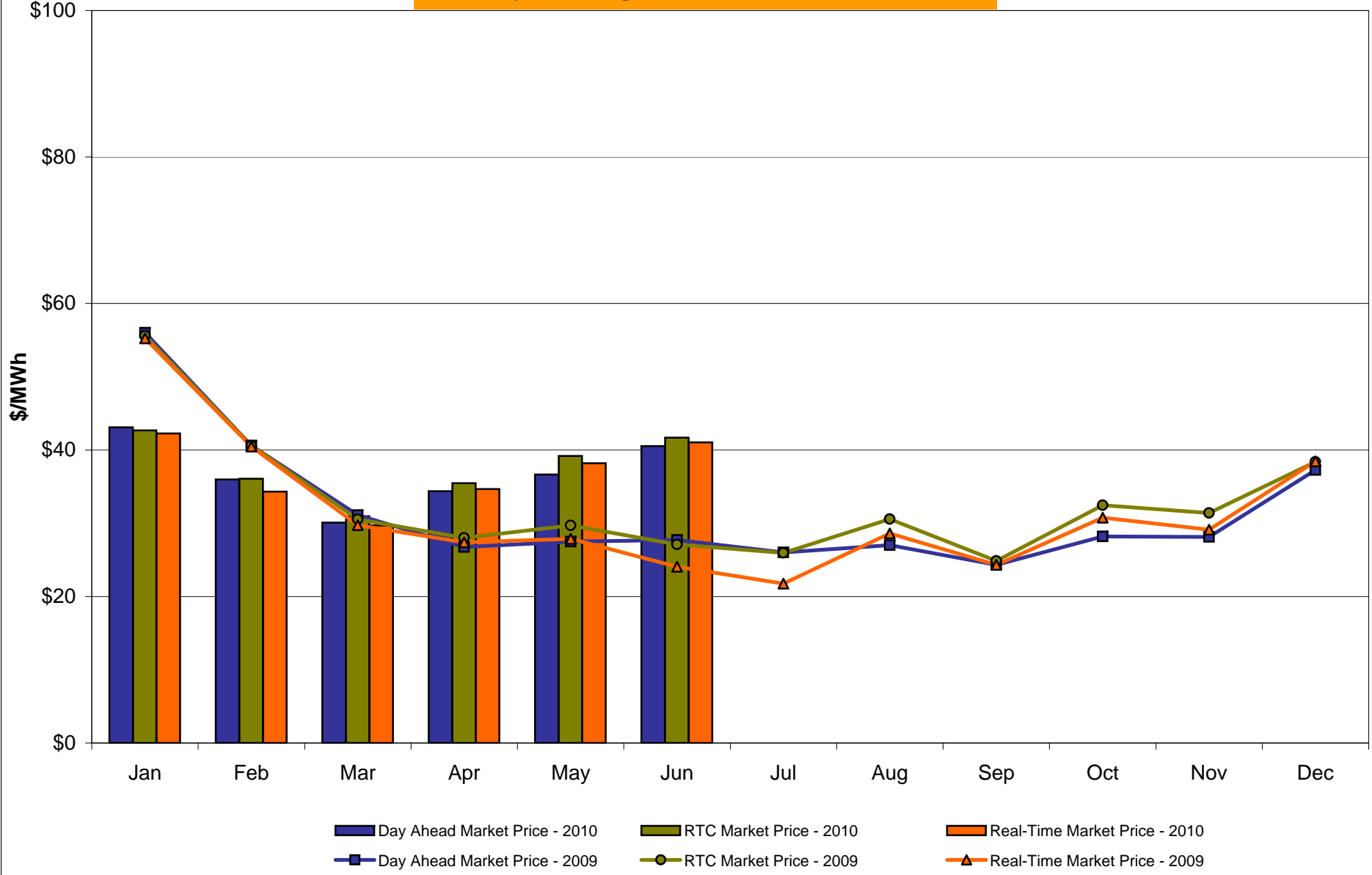


June 2010 Zonal LBMP Statistics for NYISO (\$/MWh)

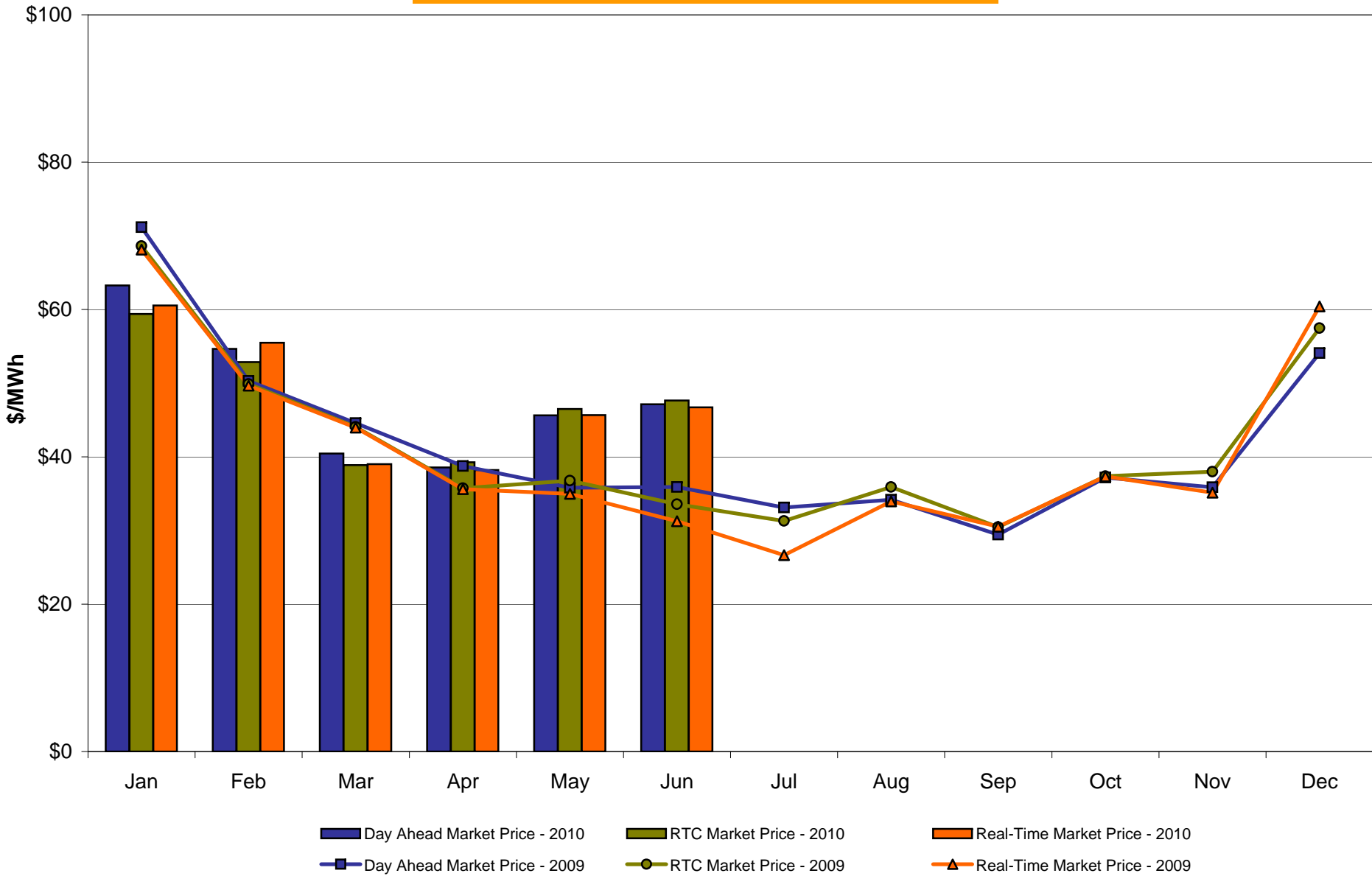
	<u>WEST</u> <u>Zone A</u>	<u>GENESEE</u> <u>Zone B</u>	<u>NORTH</u> <u>Zone D</u>	<u>CENTRAL</u> <u>Zone C</u>	<u>MOHAWK</u> <u>VALLEY</u> <u>Zone E</u>	<u>CAPITAL</u> <u>Zone F</u>	<u>HUDSON</u> <u>VALLEY</u> <u>Zone G</u>	<u>MILLWOOD</u> <u>Zone H</u>	<u>DUNWOODIE</u> <u>Zone I</u>	<u>NEW YORK</u> <u>CITY</u> <u>Zone J</u>	<u>LONG</u> <u>ISLAND</u> <u>Zone K</u>
<u>DAY AHEAD LBMP</u>											
Unweighted Price *	40.53	41.90	41.97	43.32	45.19	47.15	53.14	54.25	54.88	58.98	59.41
Standard Deviation	6.66	7.12	6.62	7.46	8.02	9.28	17.39	20.30	20.83	22.35	23.34
<u>RTC LBMP</u>											
Unweighted Price *	41.69	43.16	43.36	44.37	46.74	47.64	59.10	60.91	63.21	68.38	67.85
Standard Deviation	20.44	21.49	21.42	21.94	23.62	22.98	76.40	86.67	89.31	85.86	90.59
<u>REAL TIME LBMP</u>											
Unweighted Price *	41.06	42.48	42.77	43.68	46.01	46.73	58.60	60.43	62.56	68.13	67.94
Standard Deviation	22.92	24.03	23.52	24.50	25.52	25.33	71.41	81.06	83.26	79.58	84.15
	<u>ONTARIO</u> <u>IESO</u> <u>Zone O</u>	<u>HYDRO</u> <u>QUEBEC</u> <u>(Wheel)</u> <u>Zone M</u>	<u>HYDRO</u> <u>QUEBEC</u> <u>(Import/Export)</u> <u>Zone M</u>	<u>PJM</u> <u>Zone P</u>	<u>NEW</u> <u>ENGLAND</u> <u>Zone N</u>	<u>CROSS</u> <u>SOUND</u> <u>CABLE</u> <u>Controllable</u> <u>Line</u>	<u>NORTHPORT-</u> <u>NORWALK</u> <u>Controllable</u> <u>Line</u>	<u>NEPTUNE</u> <u>Controllable</u> <u>Line</u>	<u>LINDEN VFT</u> <u>Controllable</u> <u>Line</u>	<u>Dennison</u> <u>Controllable</u> <u>Line</u>	
<u>DAY AHEAD LBMP</u>											
Unweighted Price *	39.55	42.30	41.70	49.66	49.23	58.83	57.87	58.18	55.11	41.78	
Standard Deviation	6.26	6.51	5.97	14.54	11.58	23.44	21.11	23.11	15.22	6.43	
<u>RTC LBMP</u>											
Unweighted Price *	40.31	43.26	40.01	49.54	49.14	60.85	60.18	60.58	52.39	40.94	
Standard Deviation	11.89	32.23	32.82	15.70	14.70	41.64	41.11	41.63	20.09	36.98	
<u>REAL TIME LBMP</u>											
Unweighted Price *	39.88	41.83	38.88	49.91	50.55	66.93	66.34	66.60	59.43	42.44	
Standard Deviation	22.85	22.99	22.69	45.64	35.96	87.18	85.52	87.24	73.23	23.77	

* Straight LBMP averages

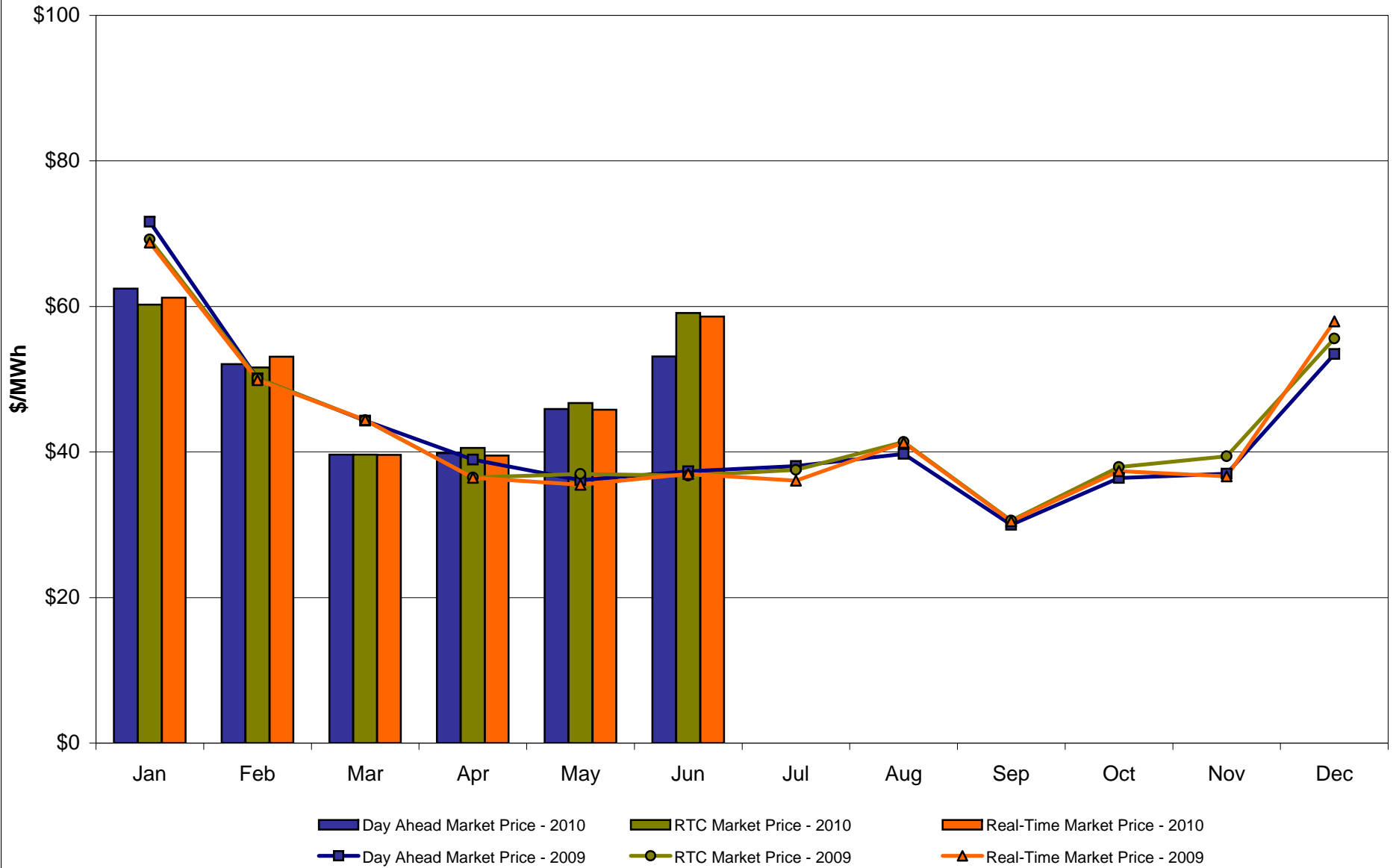
West Zone A Monthly Average LBMP Prices 2009 - 2010



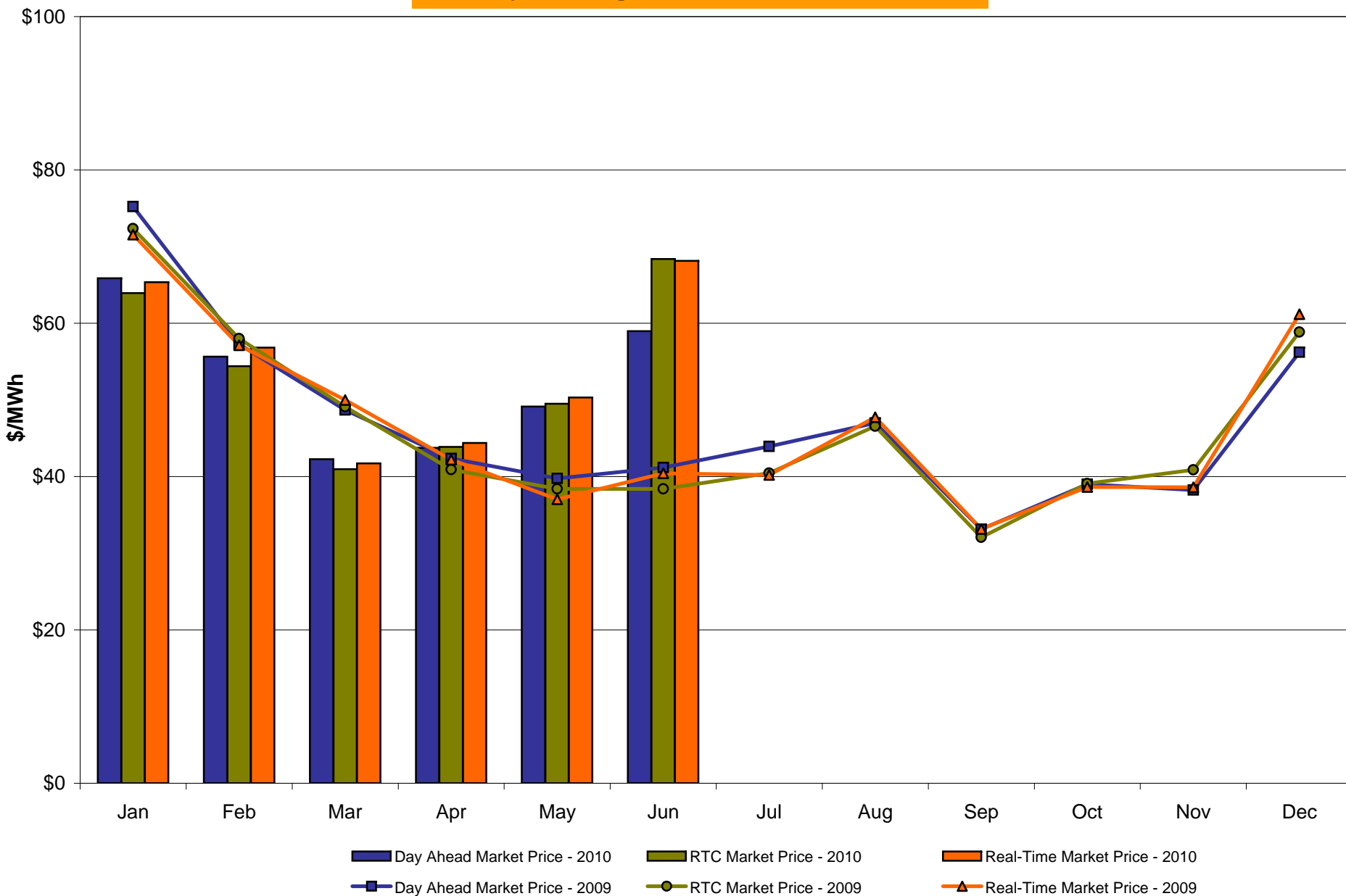
Capital Zone F Monthly Average LBMP Prices 2009 - 2010



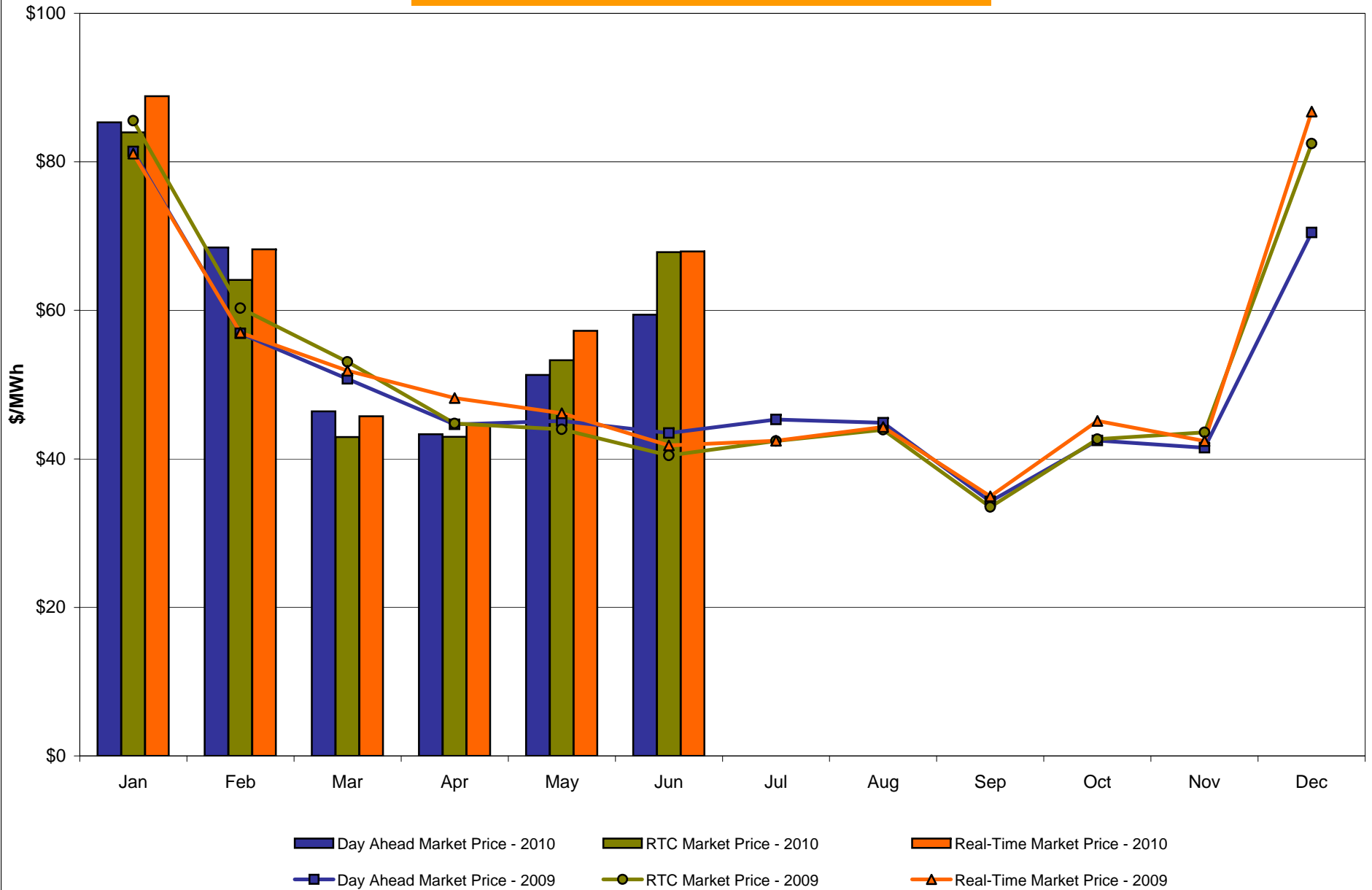
Hudson Valley Zone G Monthly Average LBMP Prices 2009 - 2010



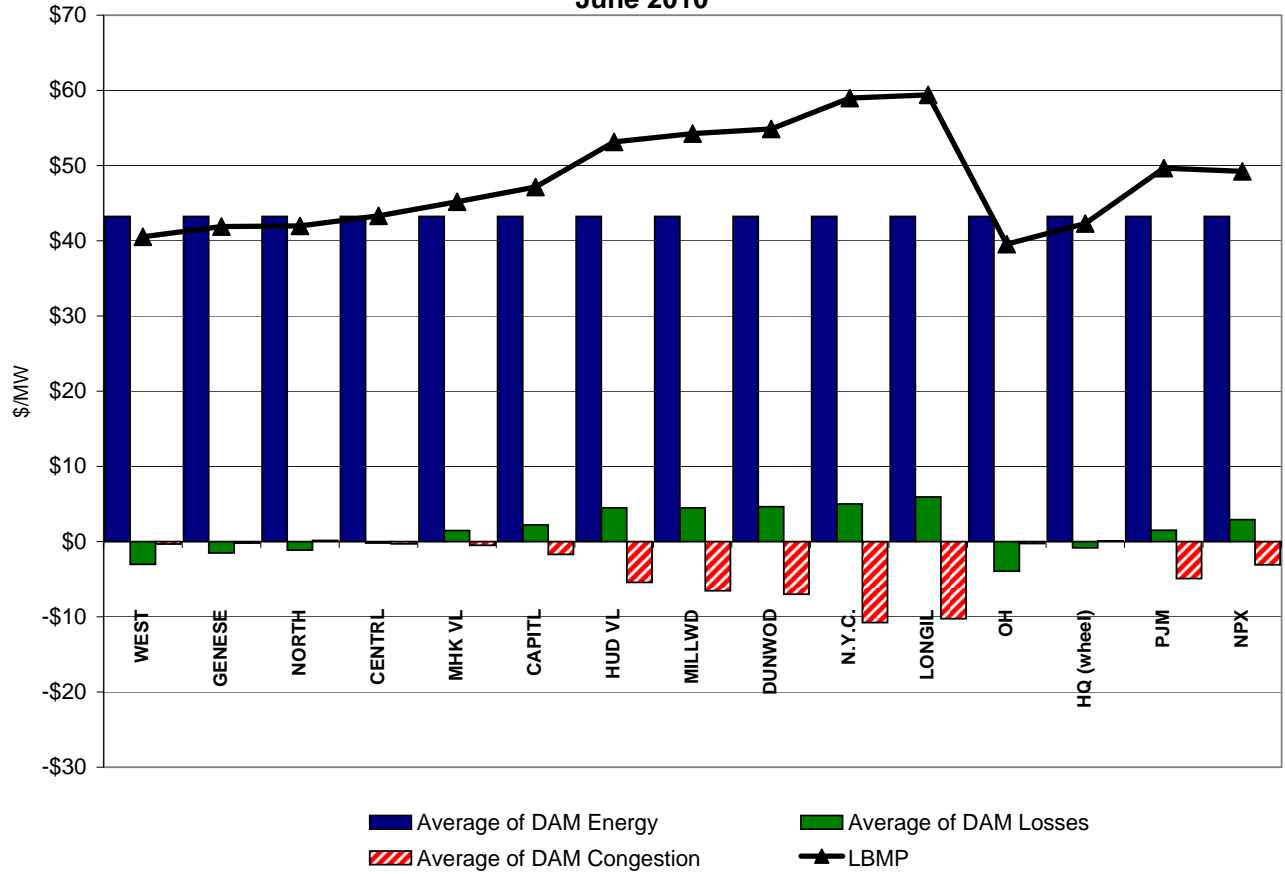
NYC Zone J Monthly Average LBMP Prices 2009 - 2010



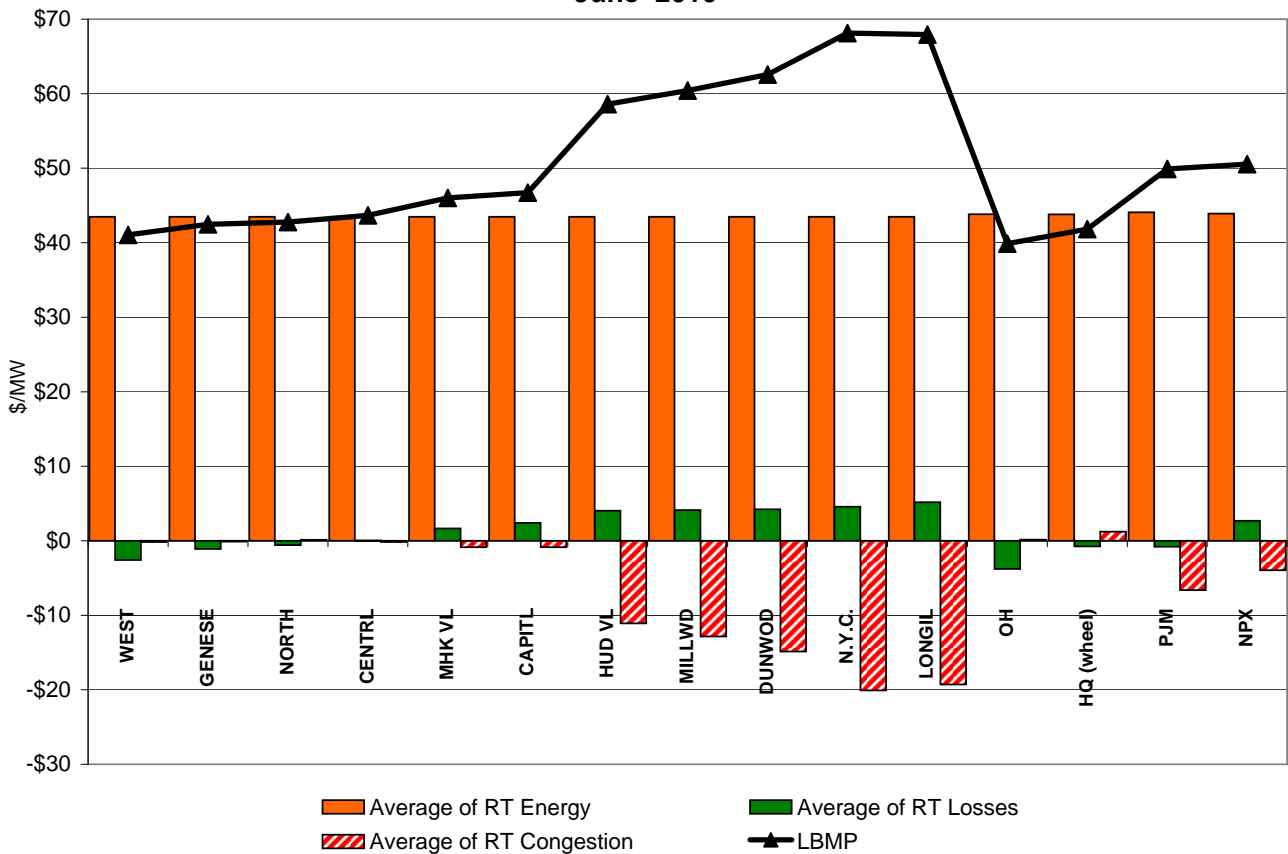
Long Island Zone K Monthly Average LBMP Prices 2009 - 2010



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

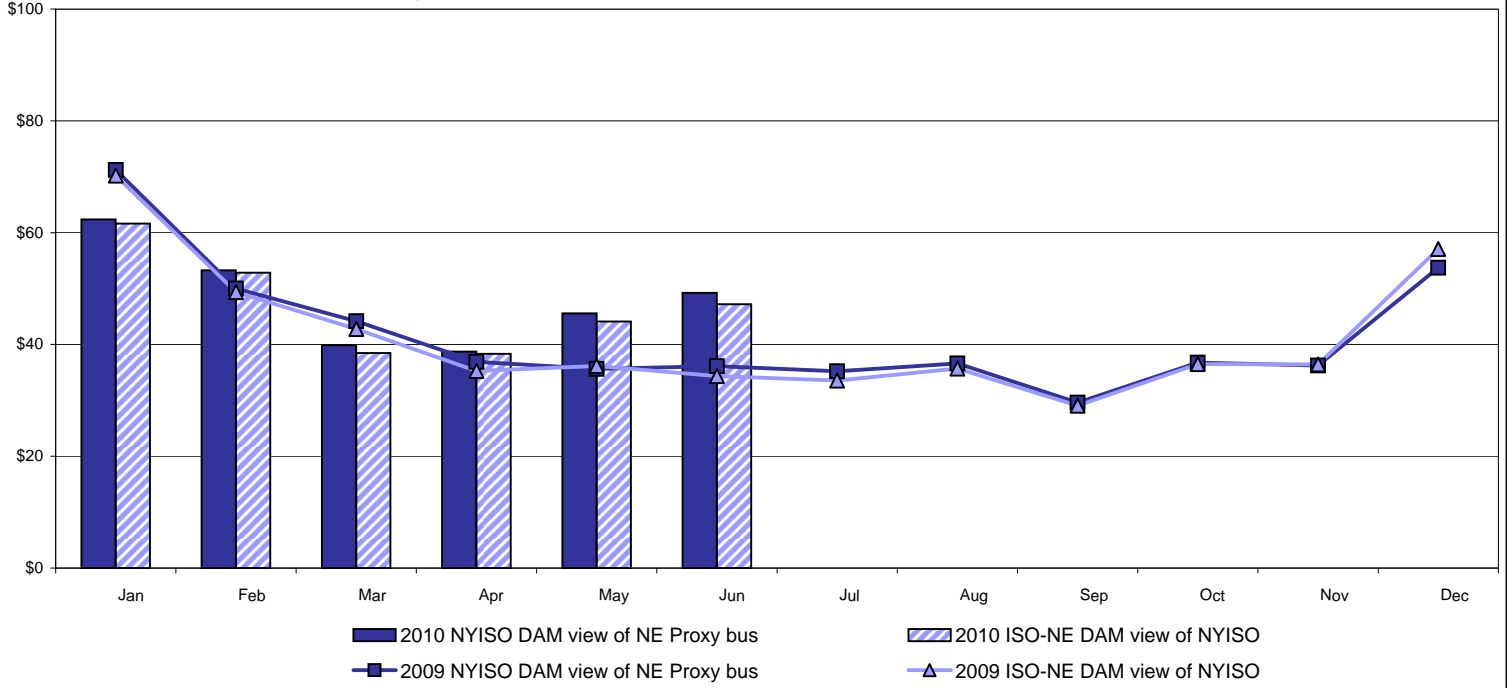


**RT Zonal Unweighted Monthly Average LBMP Components
June 2010**

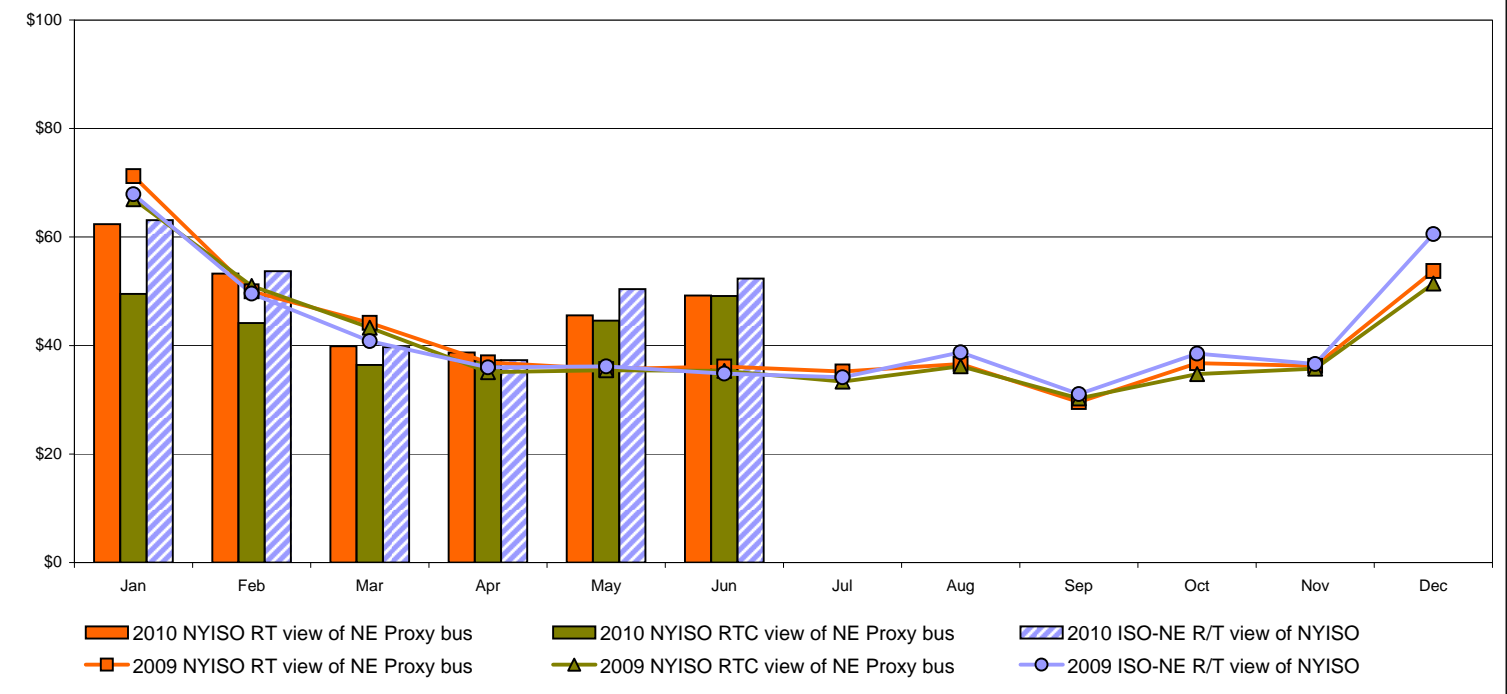


External Comparison ISO-New England

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

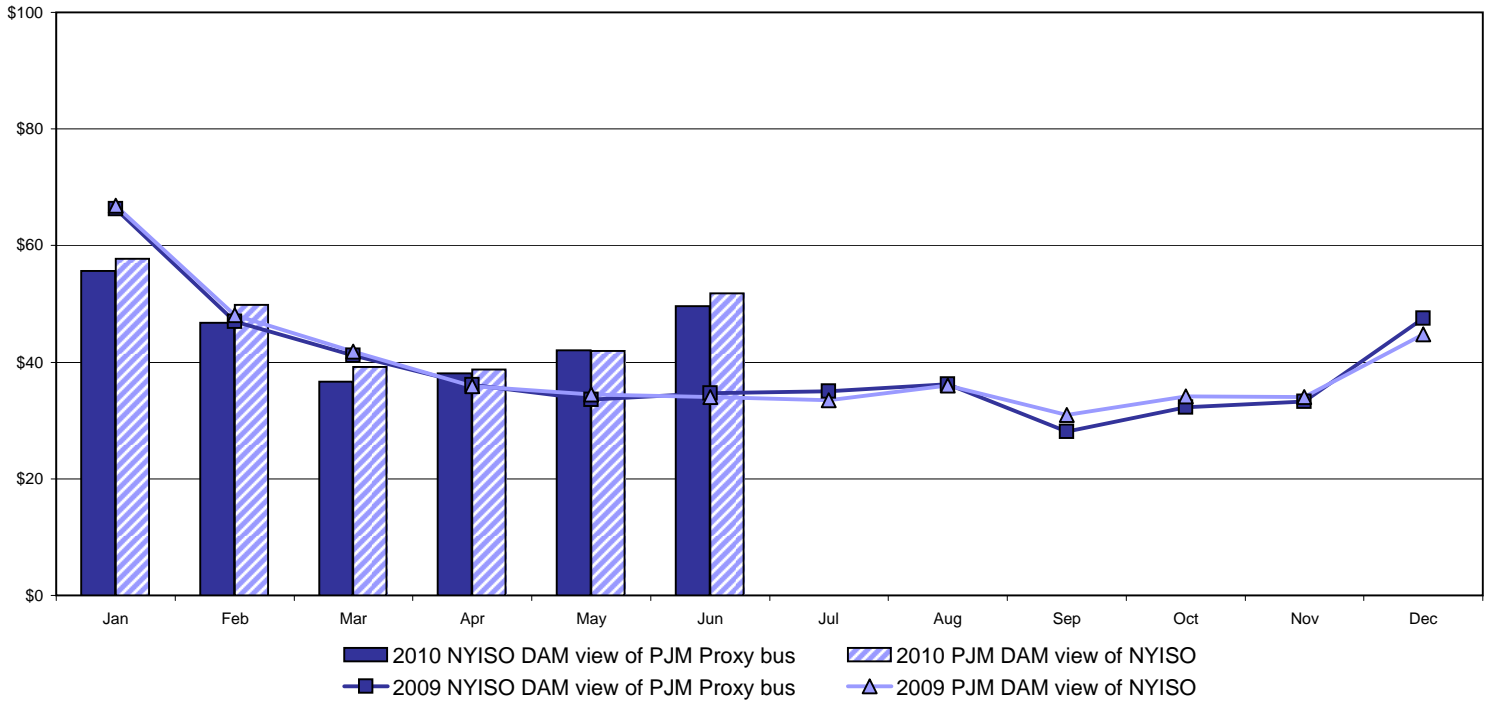


Real Time Market External Zone Comparison: ISO-NE (\$/MWh)

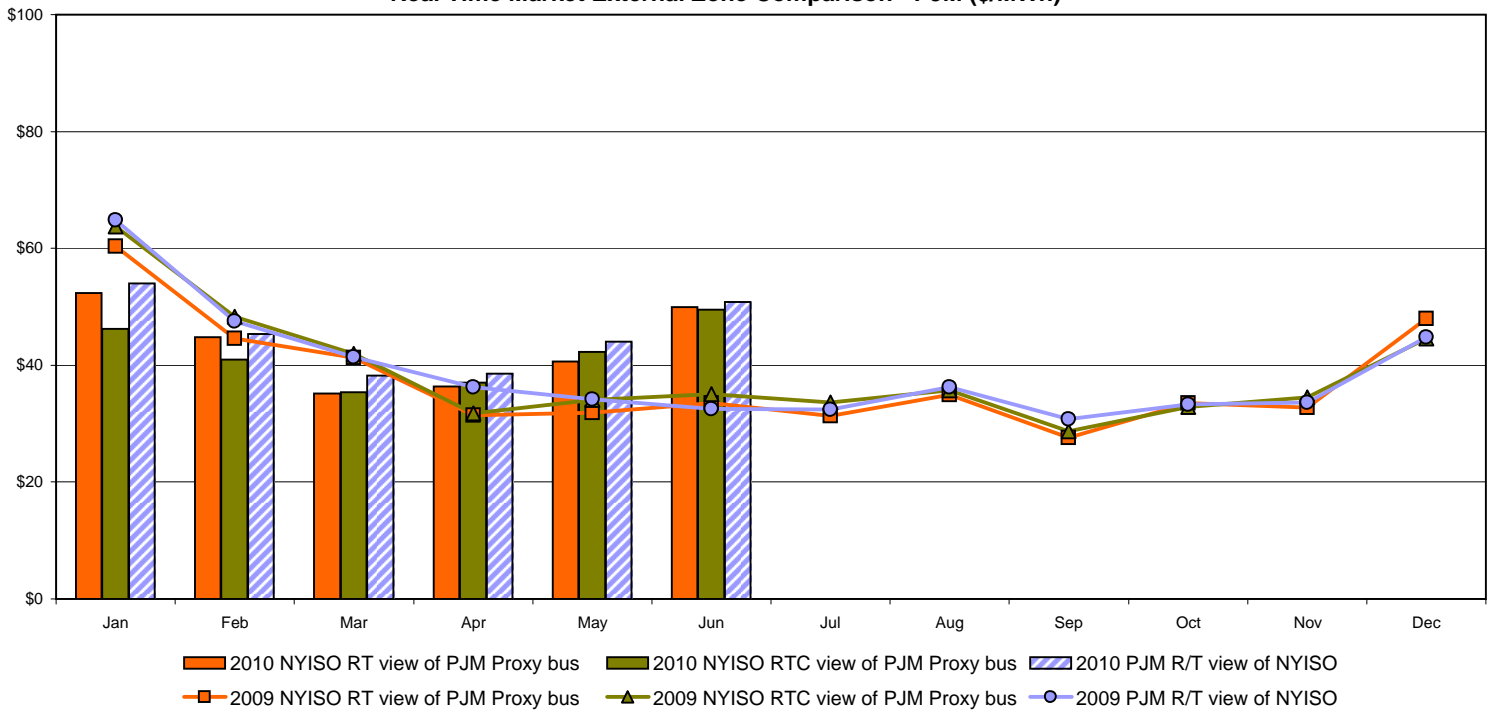


External Comparison PJM

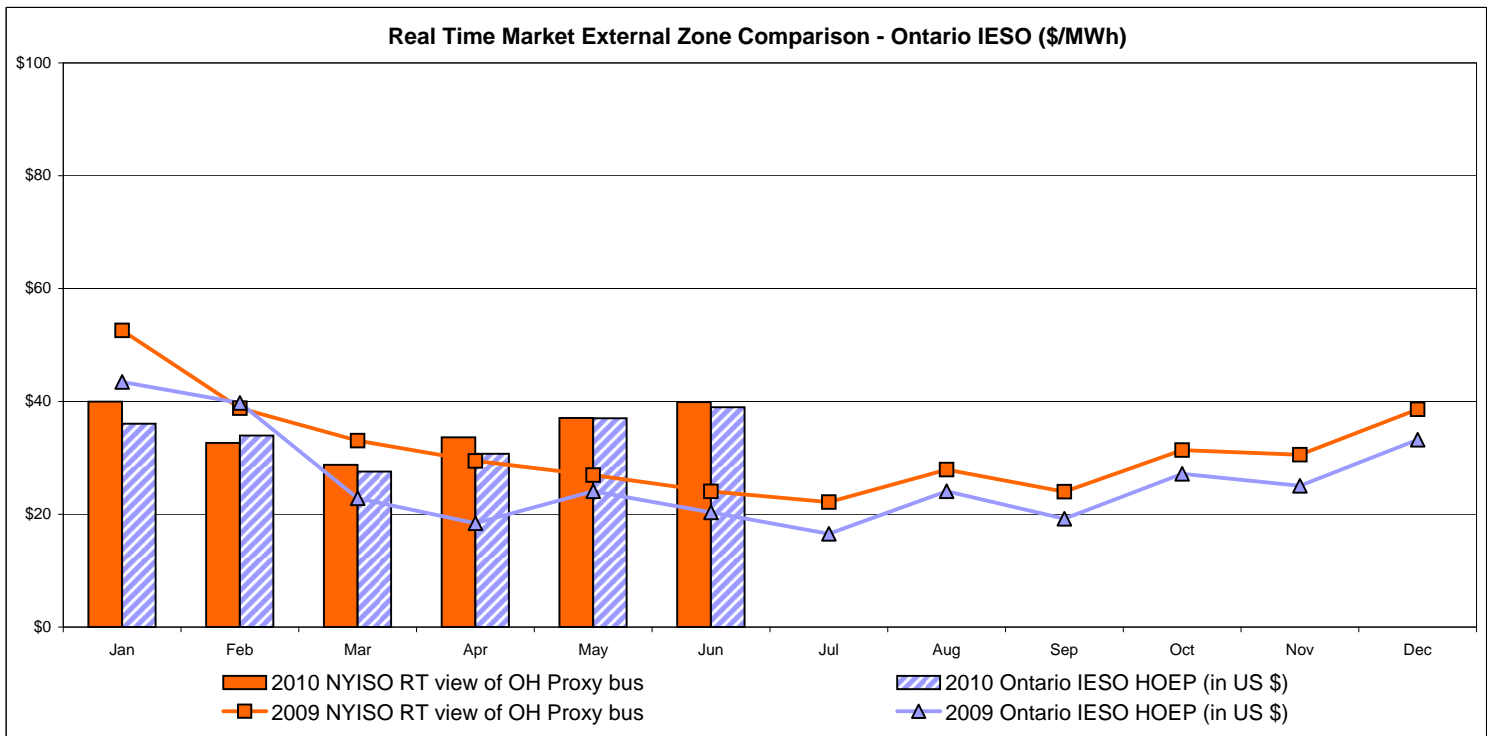
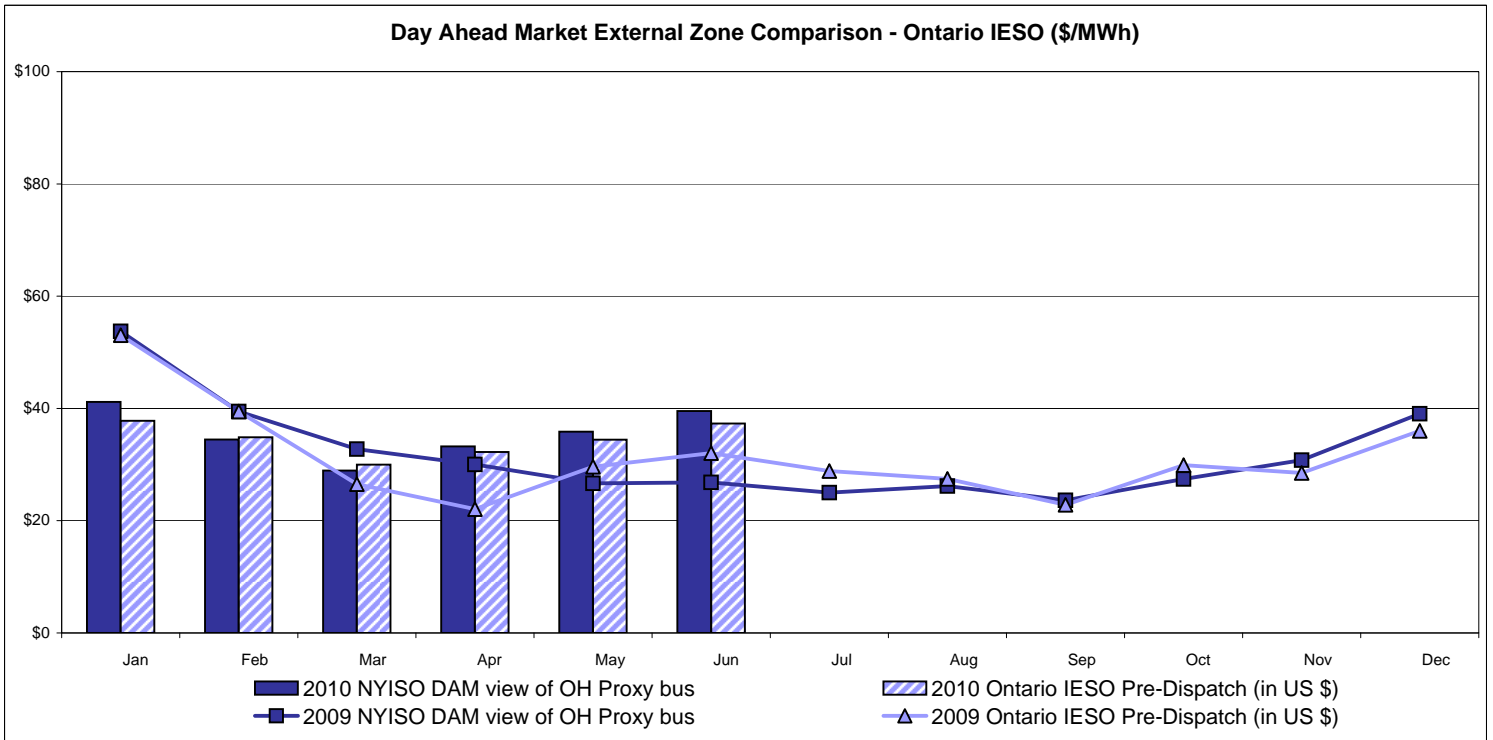
Day Ahead Market External Zone Comparison - PJM (\$/MWh)



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

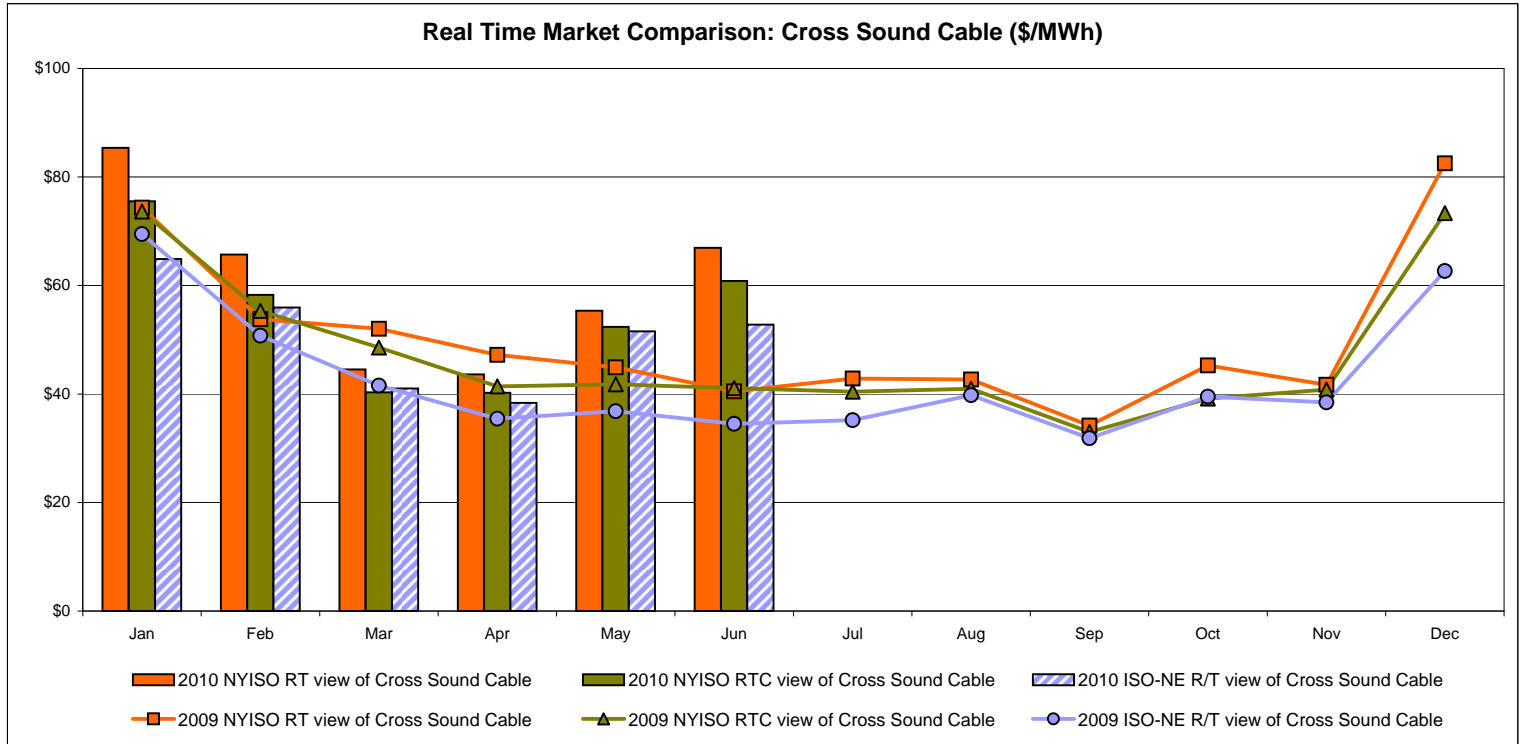
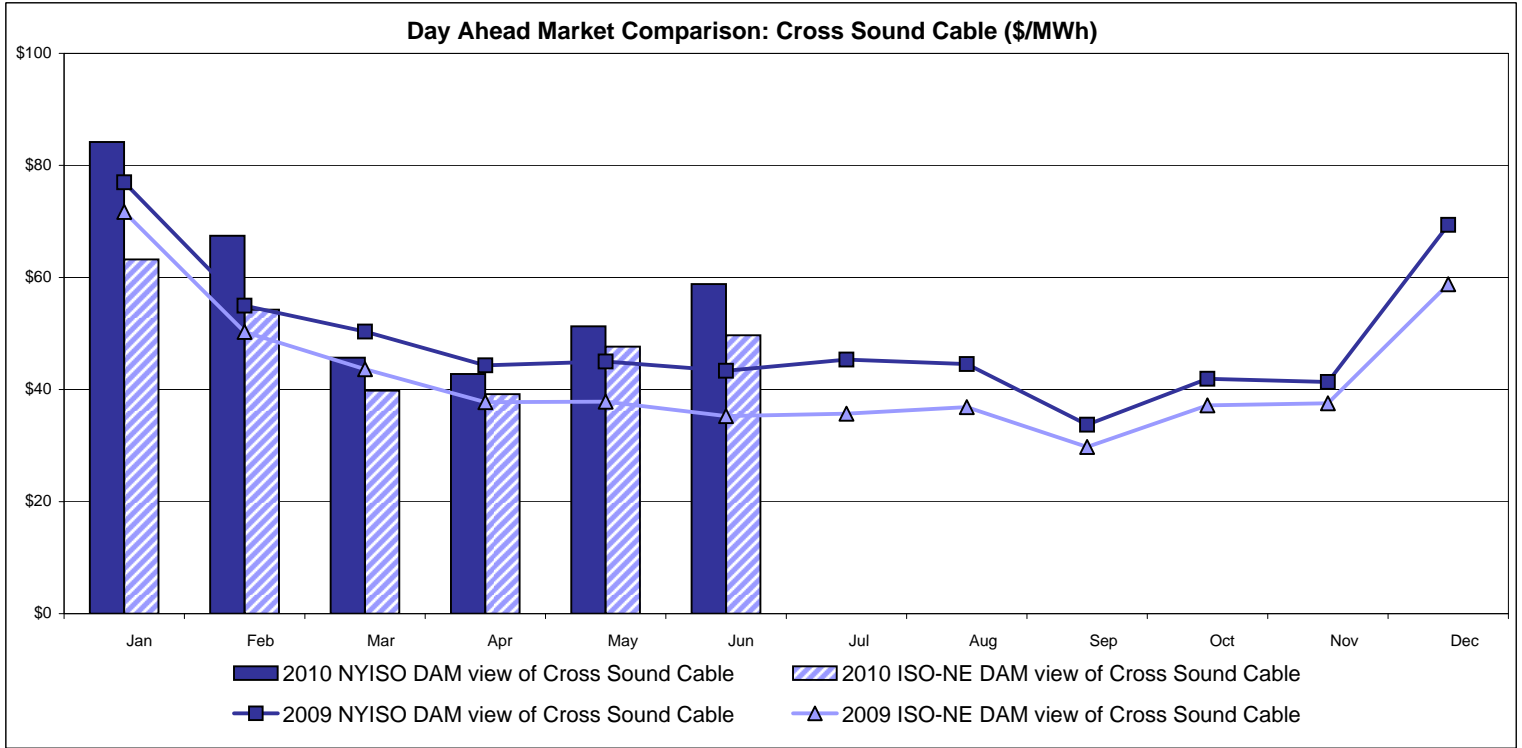


External Comparison Ontario IESO



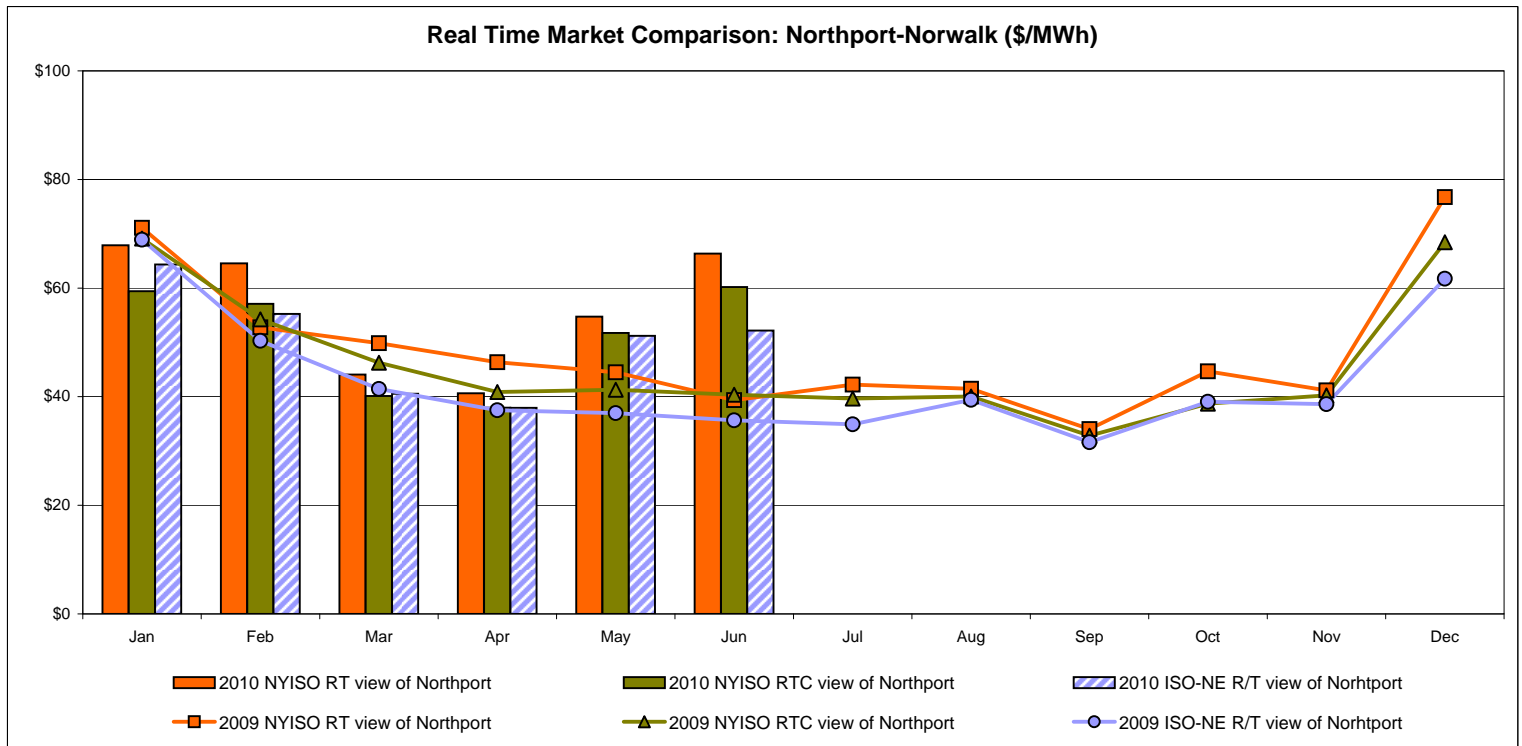
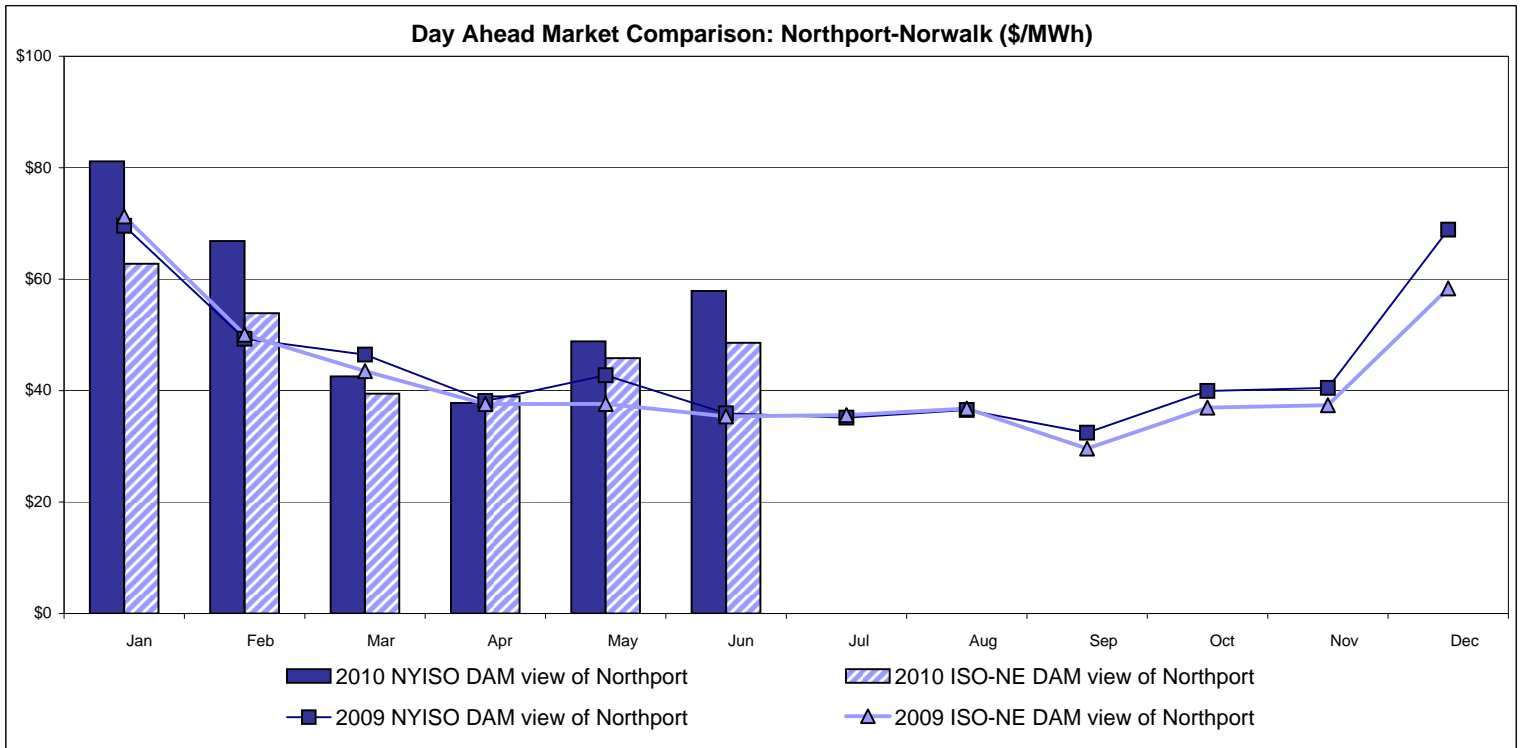
Notes: Exchange factor used for June 2010 was 0.97 to US \$
 HOEP: Hourly Ontario Energy Price
 Pre-Dispatch: Projected Energy Price

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.

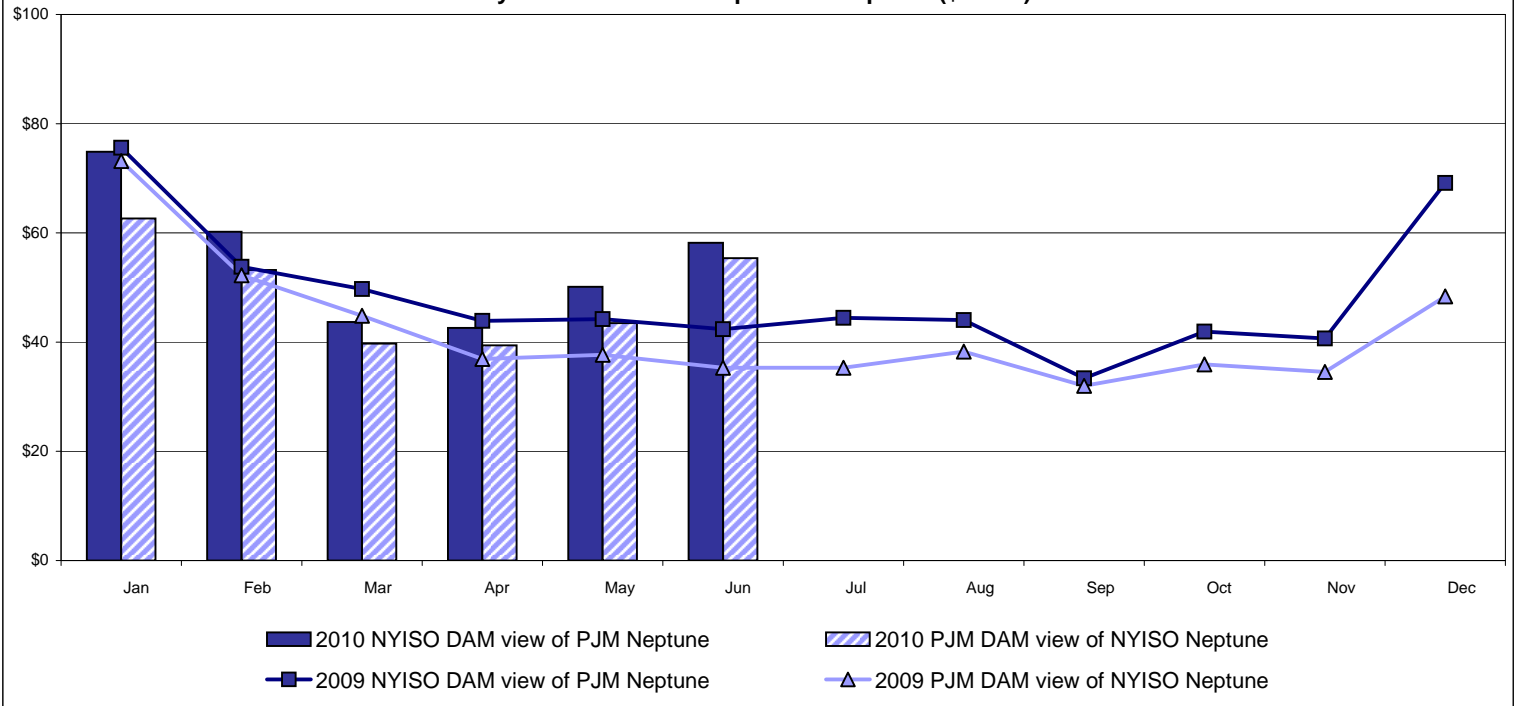
External Controllable Line: Northport - Norwalk (New England)



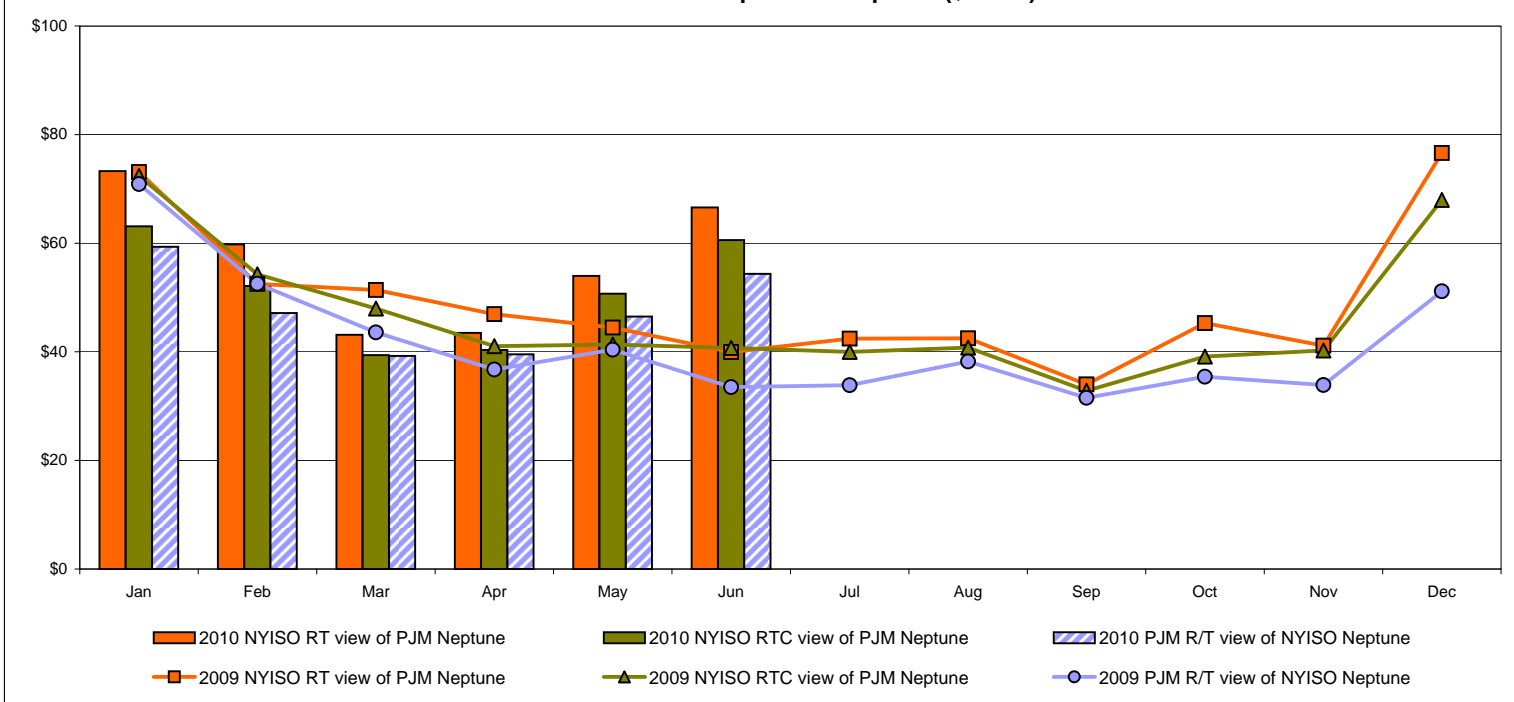
Note:
 ISO-NE Forecast is an advisory posting @ 18:00 day before.
 The DAM and R/T prices at the Northport 138 interface are used for ISO-NE.
 The DAM and R/T prices at the 1385 interface are used for NYISO.

External Controllable Line: Neptune (PJM)

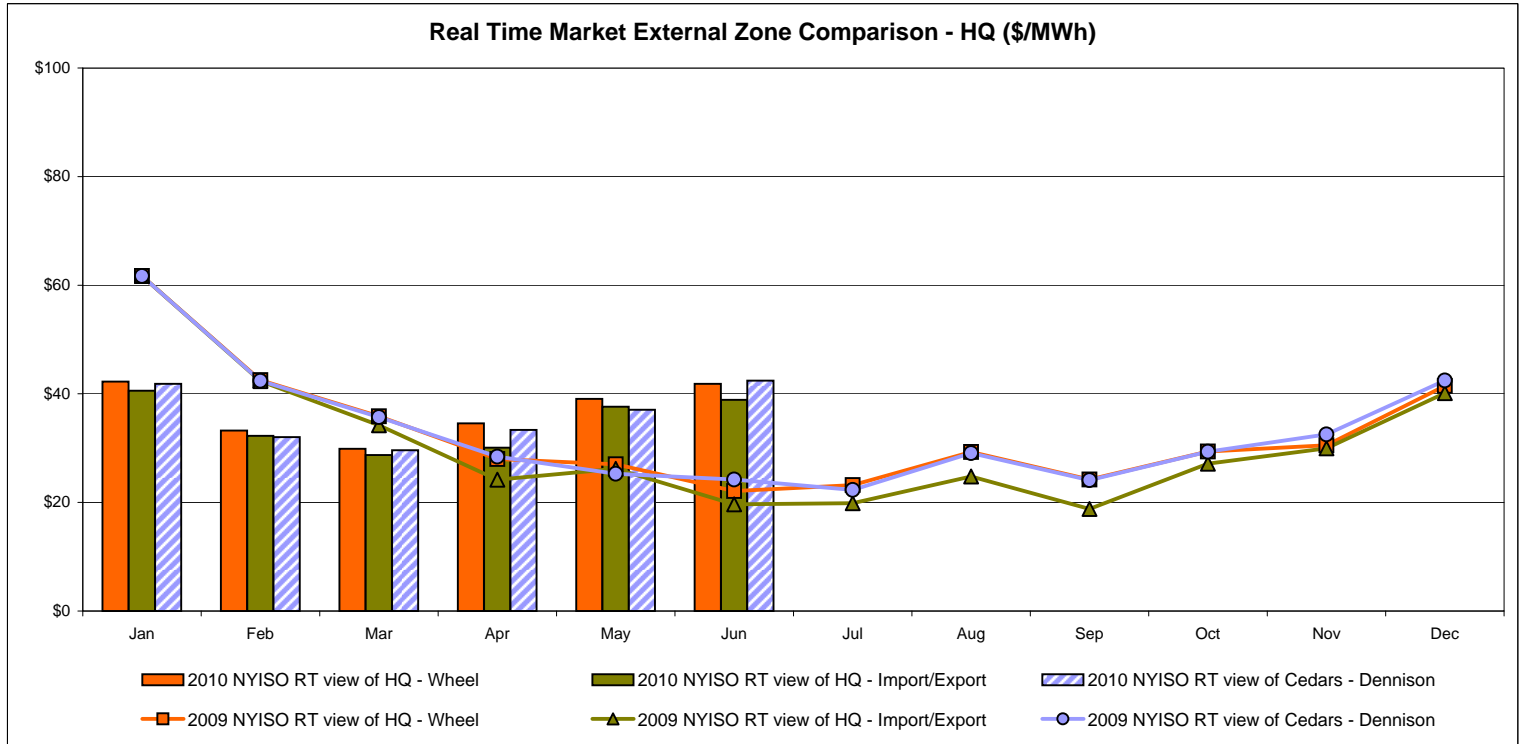
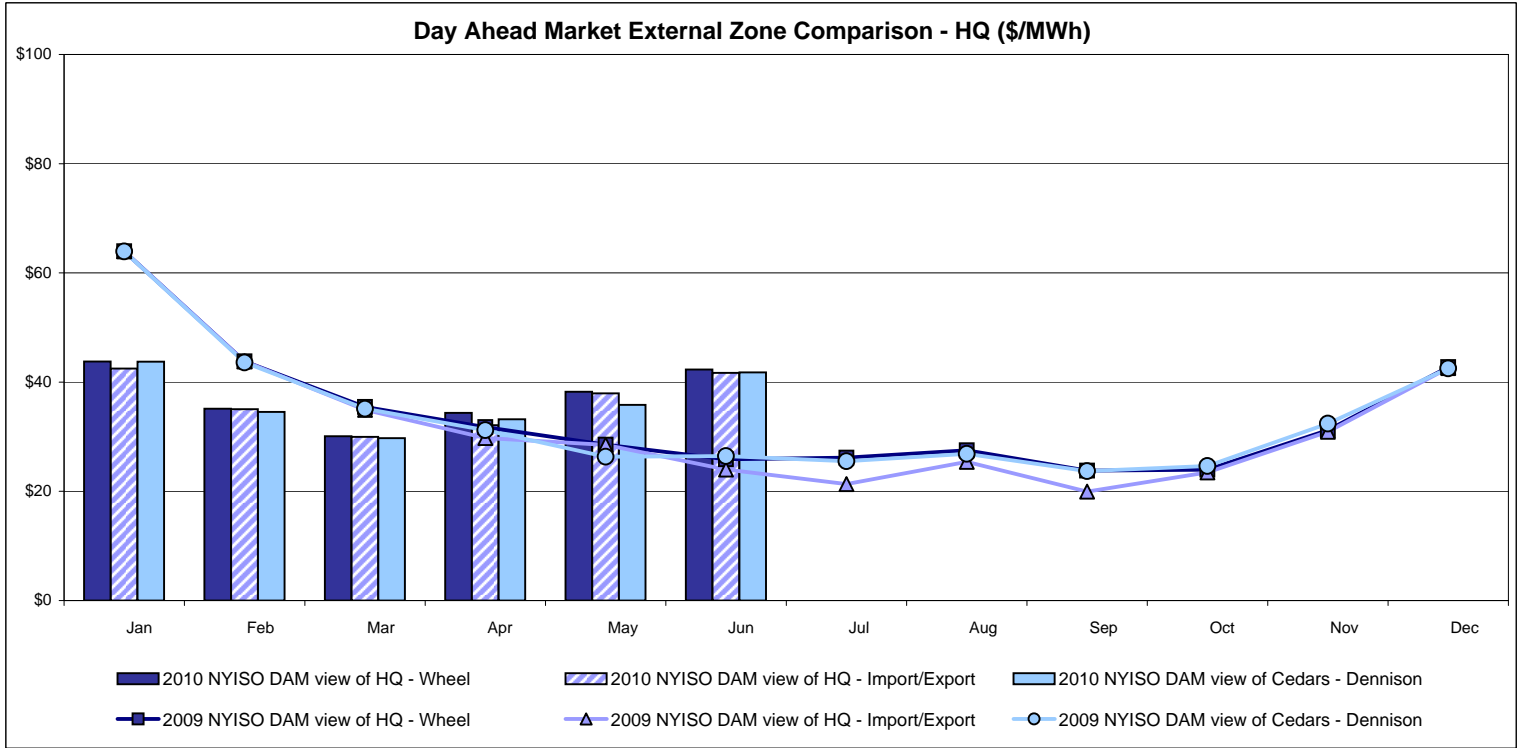
Day Ahead Market Comparison: Neptune (\$/MWh)



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



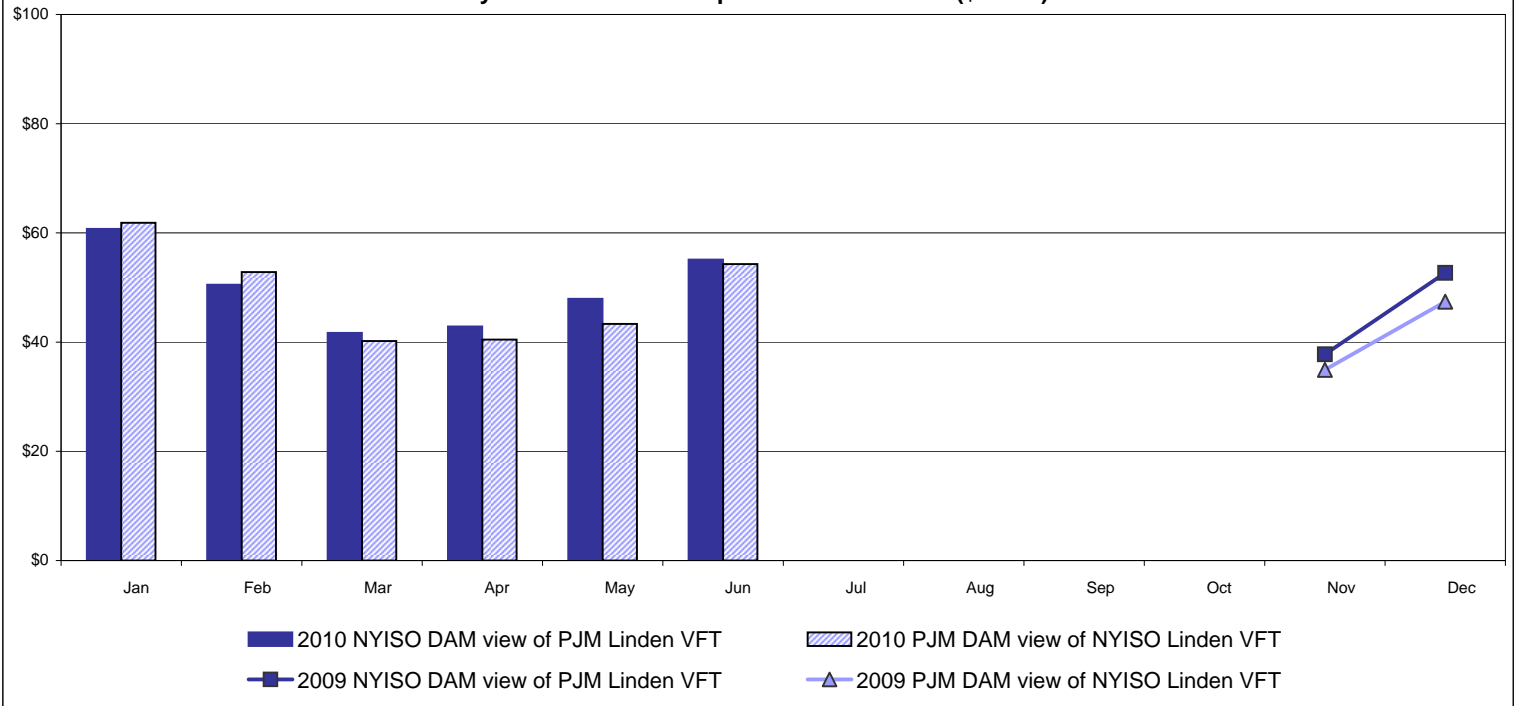
External Comparison Hydro-Quebec



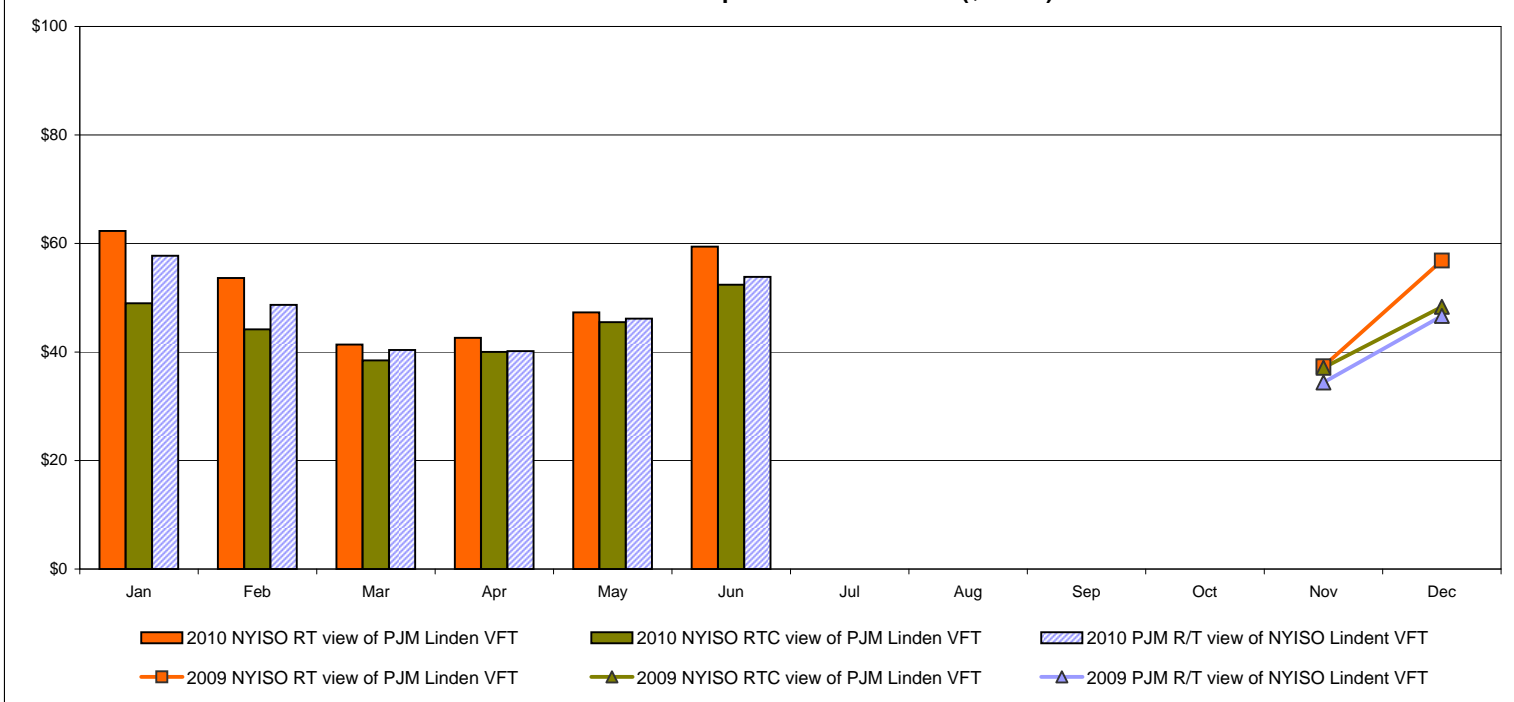
Note:
Hydro-Quebec Prices are unavailable.

External Controllable Line: Linden VFT (PJM)

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



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



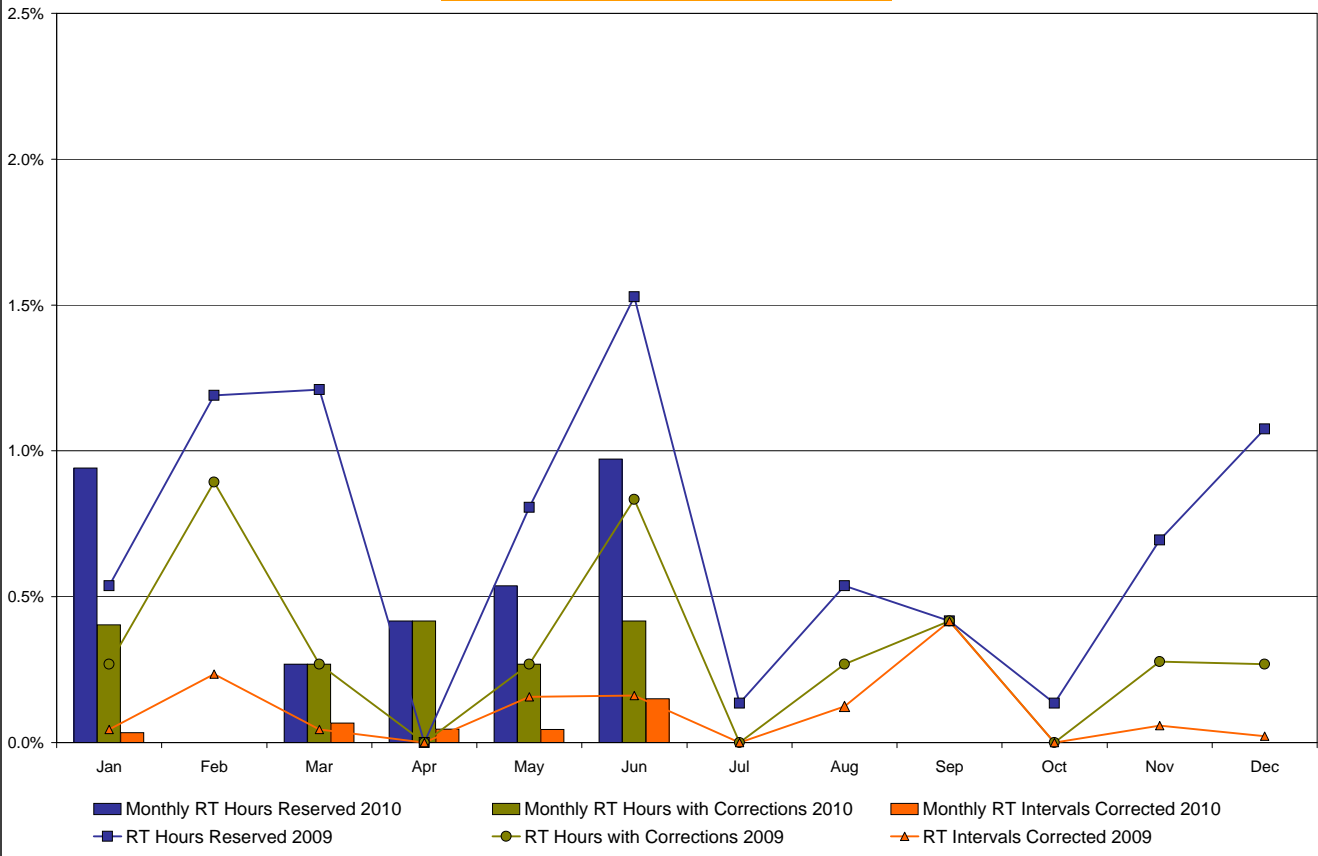
Note: Linden VFT Scheduled Line Data available beginning 11/1/2009.

NYISO Real Time Price Correction Statistics

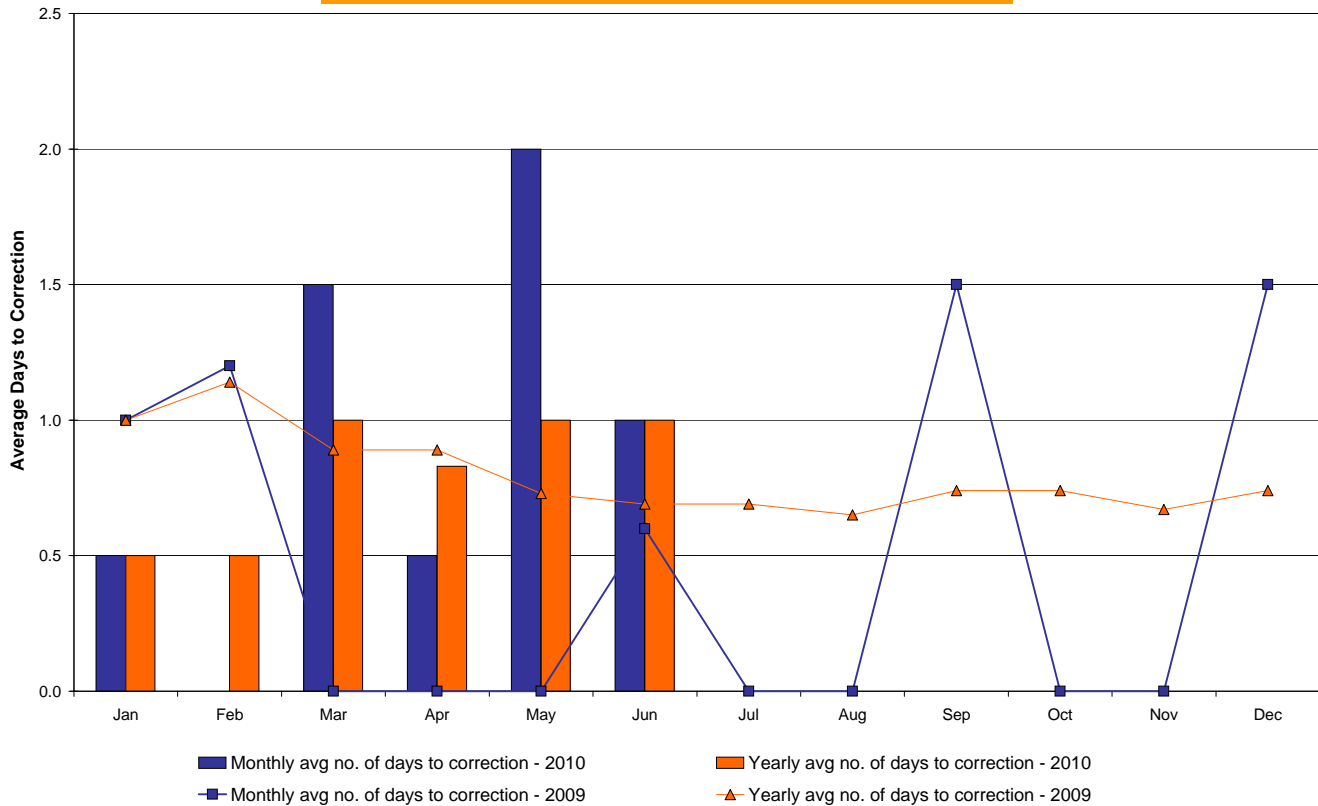
2010		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Hour Corrections													
Number of hours with corrections	in the month	3	0	2	3	2	3						
Number of hours	in the month	744	672	744	720	744	720						
% of hours with corrections	in the month	0.40%	0.00%	0.27%	0.42%	0.27%	0.42%						
% of hours with corrections	year-to-date	0.40%	0.21%	0.23%	0.28%	0.28%	0.30%						
Interval Corrections													
Number of intervals corrected	in the month	3	0	6	4	4	13						
Number of intervals	in the month	8,934	8,057	8,913	8,640	8,946	8,660						
% of intervals corrected	in the month	0.03%	0.00%	0.07%	0.05%	0.04%	0.15%						
% of intervals corrected	year-to-date	0.03%	0.02%	0.03%	0.04%	0.04%	0.06%						
Hours Reserved													
Number of hours reserved	in the month	7	0	2	3	4	7						
Number of hours	in the month	744	672	744	720	744	720						
% of hours reserved	in the month	0.94%	0.00%	0.27%	0.42%	0.54%	0.97%						
% of hours reserved	year-to-date	0.94%	0.49%	0.42%	0.42%	0.44%	0.53%						
Days to Correction *													
Avg. number of days to correction	in the month	0.50	0.00	1.50	0.50	2.00	1.00						
Avg. number of days to correction	year-to-date	0.50	0.50	1.00	0.83	1.00	1.00						
Days Without Corrections													
Days without corrections	in the month	29	28	29	28	30	28						
Days without corrections	year-to-date	29	57	86	114	144	172						
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

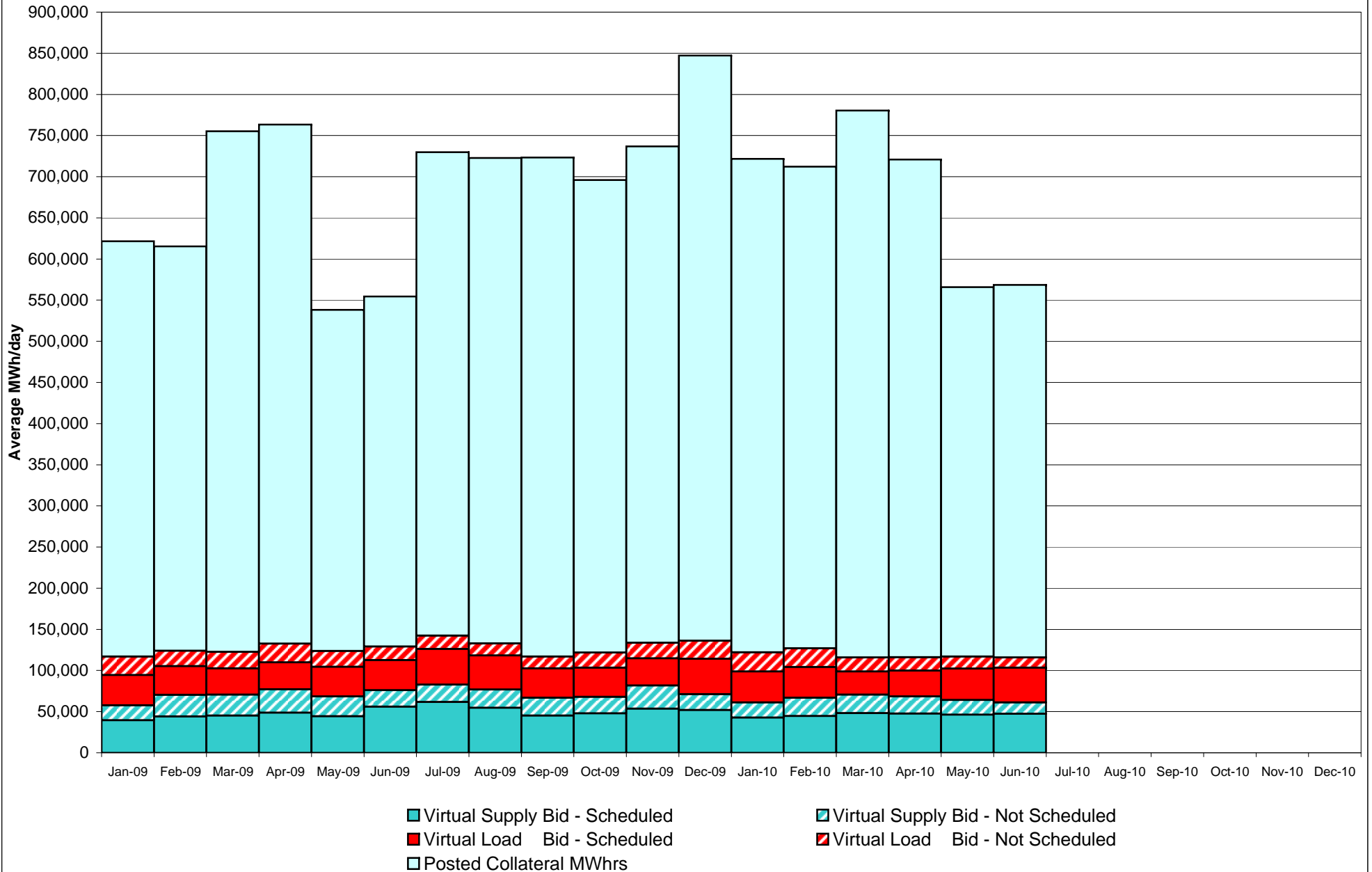


Annual average time period for making Price Corrections (from reservation date) *

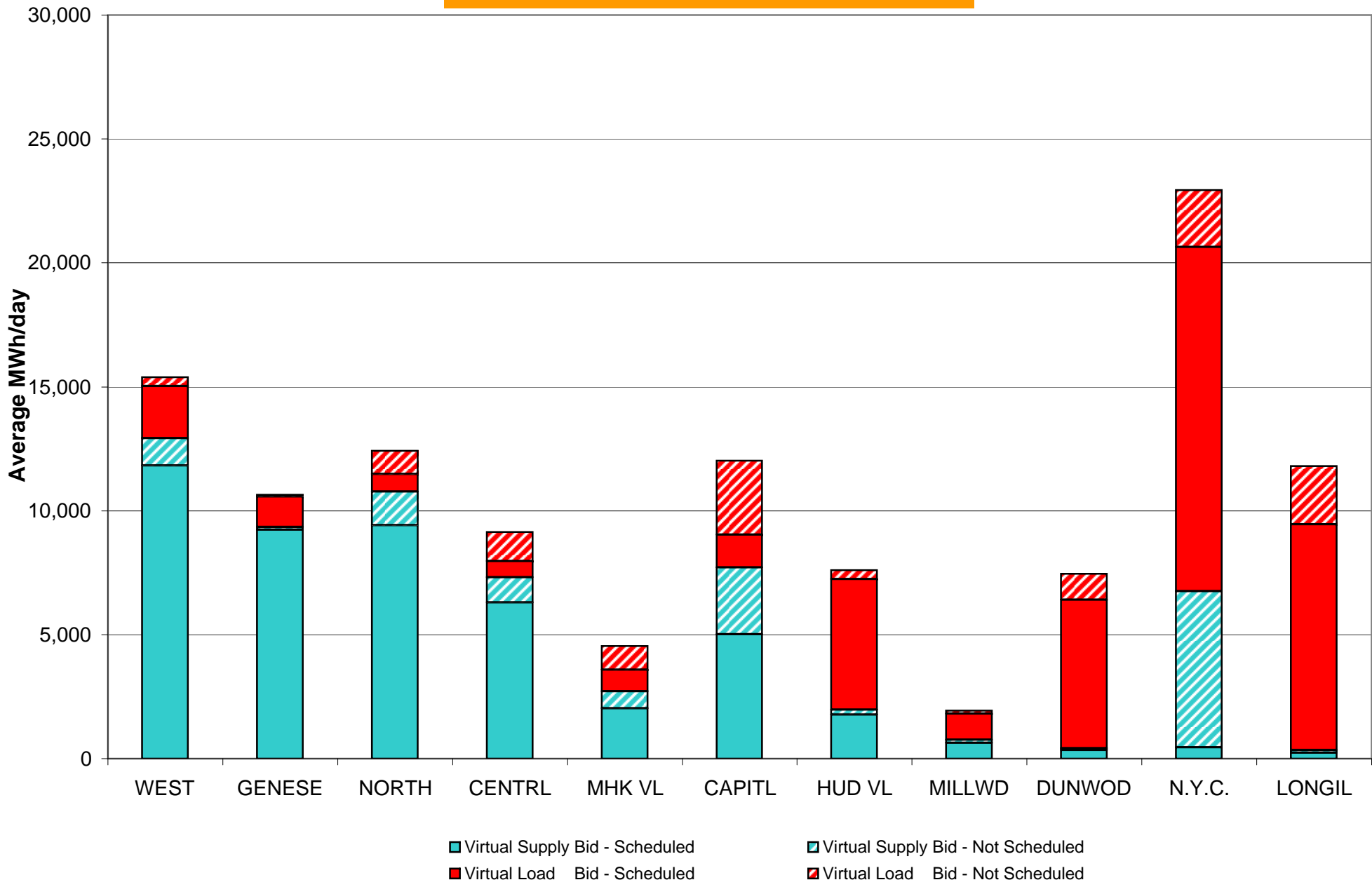


* Calendar days from reservation date.

**NYISO Virtual Trading
Average MWh per day**



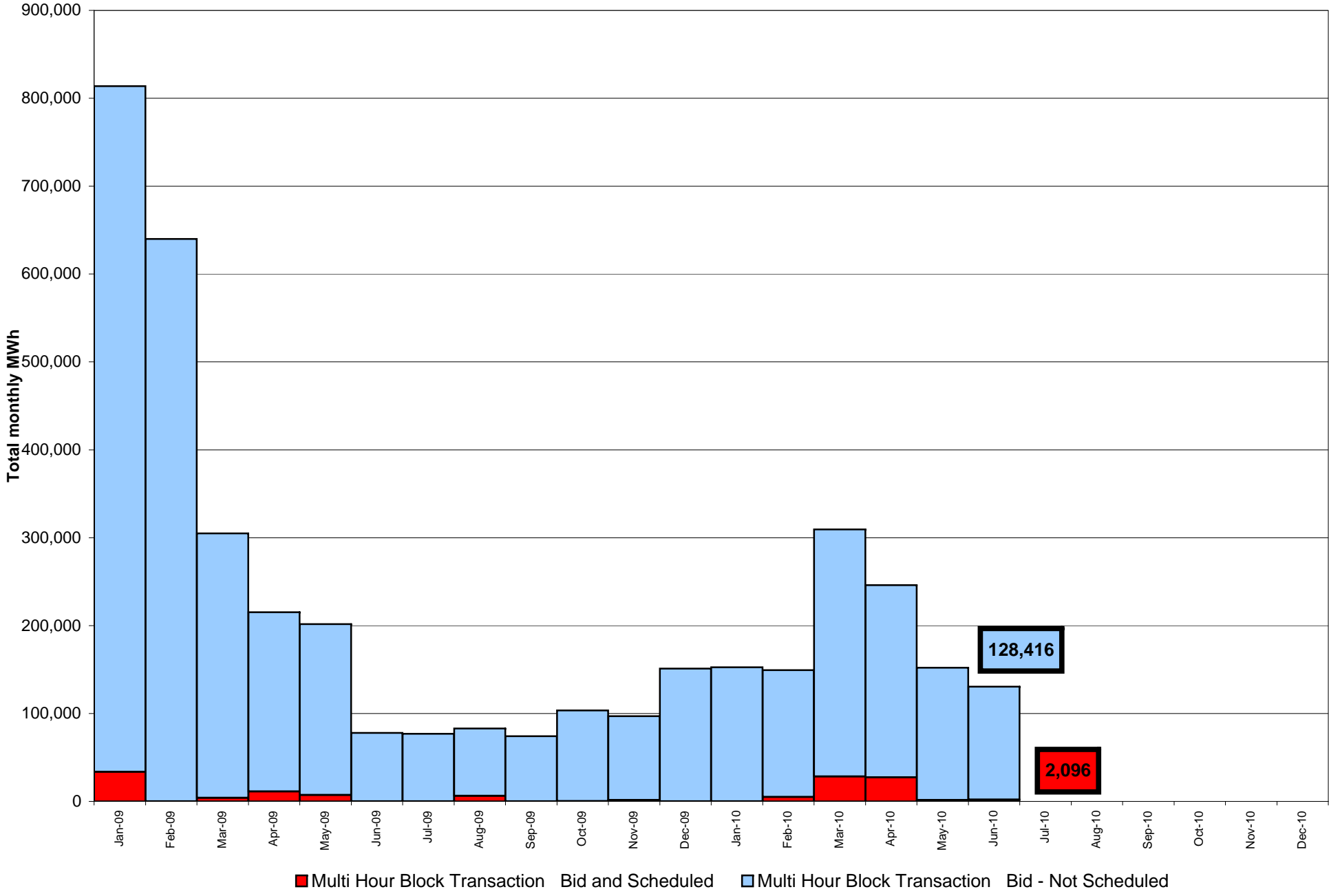
Virtual Load and Supply Zonal Statistics through June 30, 2010



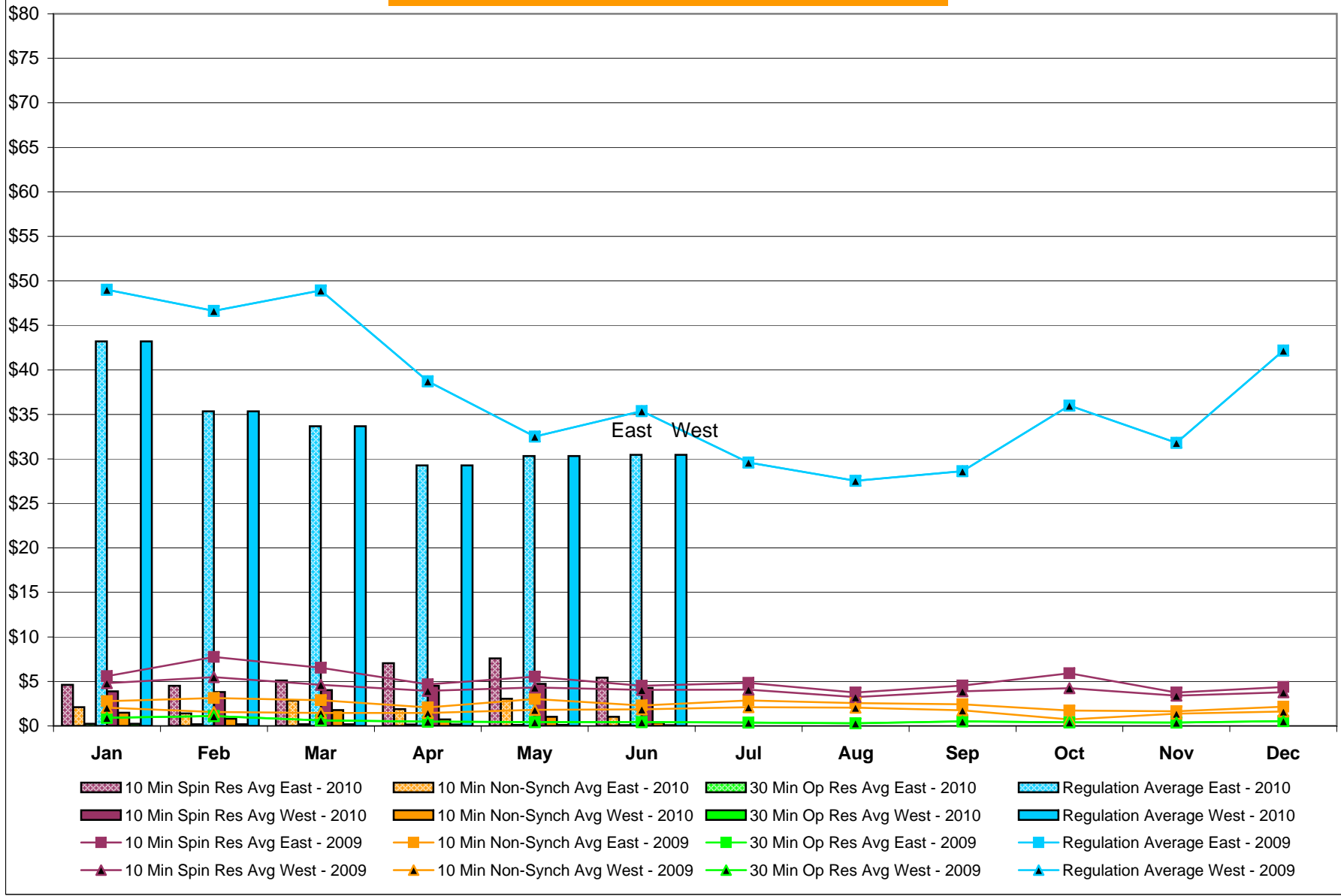
Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2010

		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	2,369	639	7,053	1,096	MHK VL	Jan-10	566	1,360	1,944	1,812	DUNWOD	Jan-10	1,366	715	1,007	493
	Feb-10	1,782	1,503	5,731	2,602		Feb-10	900	1,327	1,812	1,507		Feb-10	1,229	852	615	463
	Mar-10	1,878	500	7,531	2,586		Mar-10	2,071	1,405	1,835	1,399		Mar-10	778	691	818	372
	Apr-10	4,158	430	9,060	1,963		Apr-10	1,389	1,264	2,449	1,195		Apr-10	550	537	680	383
	May-10	1,877	747	11,295	2,086		May-10	895	1,207	1,941	976		May-10	3,050	580	429	293
	Jun-10	2,097	377	11,824	1,098		Jun-10	868	965	2,026	691		Jun-10	5,995	1,048	341	78
	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	1,307	507	6,615	438	CAPITL	Jan-10	3,858	3,282	1,918	1,988	N.Y.C.	Jan-10	9,721	6,433	4,216	7,305
	Feb-10	1,868	599	9,495	497		Feb-10	3,189	3,547	1,880	2,918		Feb-10	11,568	5,863	4,477	8,219
	Mar-10	1,081	427	10,627	589		Mar-10	2,368	3,502	1,815	3,219		Mar-10	9,745	3,891	687	7,785
	Apr-10	2,782	375	8,112	406		Apr-10	2,080	3,213	4,197	2,767		Apr-10	8,167	4,195	1,041	7,812
	May-10	1,205	125	10,560	216		May-10	2,950	3,006	2,637	2,513		May-10	13,756	4,206	475	7,048
	Jun-10	1,239	58	9,232	111		Jun-10	1,331	2,982	5,023	2,681		Jun-10	13,872	2,305	444	6,318
	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	8,227	1,944	HUD VL	Jan-10	9,362	1,921	2,611	911	LONGIL	Jan-10	7,706	5,282	946	254
	Feb-10	946	1,438	9,552	1,793		Feb-10	5,602	1,774	2,178	1,513		Feb-10	7,375	3,929	847	591
	Mar-10	1,143	1,259	11,701	2,063		Mar-10	1,631	1,015	3,149	456		Mar-10	6,118	2,380	592	410
	Apr-10	1,425	1,245	10,390	2,780		Apr-10	2,073	1,240	4,047	1,220		Apr-10	5,689	1,983	421	527
	May-10	1,777	1,082	9,295	2,344		May-10	3,294	344	1,432	338		May-10	7,397	1,823	238	110
	Jun-10	715	941	9,413	1,354		Jun-10	5,270	367	1,773	194		Jun-10	9,118	2,343	227	114
	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	1,670	7,053	1,452	MILLWD	Jan-10	477	492	1,256	492	NYISO	Jan-10	37,871	23,210	42,846	18,184
	Feb-10	1,917	1,556	7,543	1,652		Feb-10	786	472	549	462		Feb-10	37,163	22,861	44,679	22,218
	Mar-10	991	1,607	8,467	3,033		Mar-10	397	441	1,052	376		Mar-10	28,200	17,119	48,274	22,288
	Apr-10	2,416	1,476	6,155	1,412		Apr-10	508	387	1,147	393		Apr-10	31,237	16,345	47,699	20,857
	May-10	1,075	1,349	7,105	1,384		May-10	939	286	955	337		May-10	38,214	14,754	46,363	17,645
	Jun-10	656	1,177	6,296	1,019		Jun-10	1,051	127	636	127		Jun-10	42,213	12,690	47,236	13,784
	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				

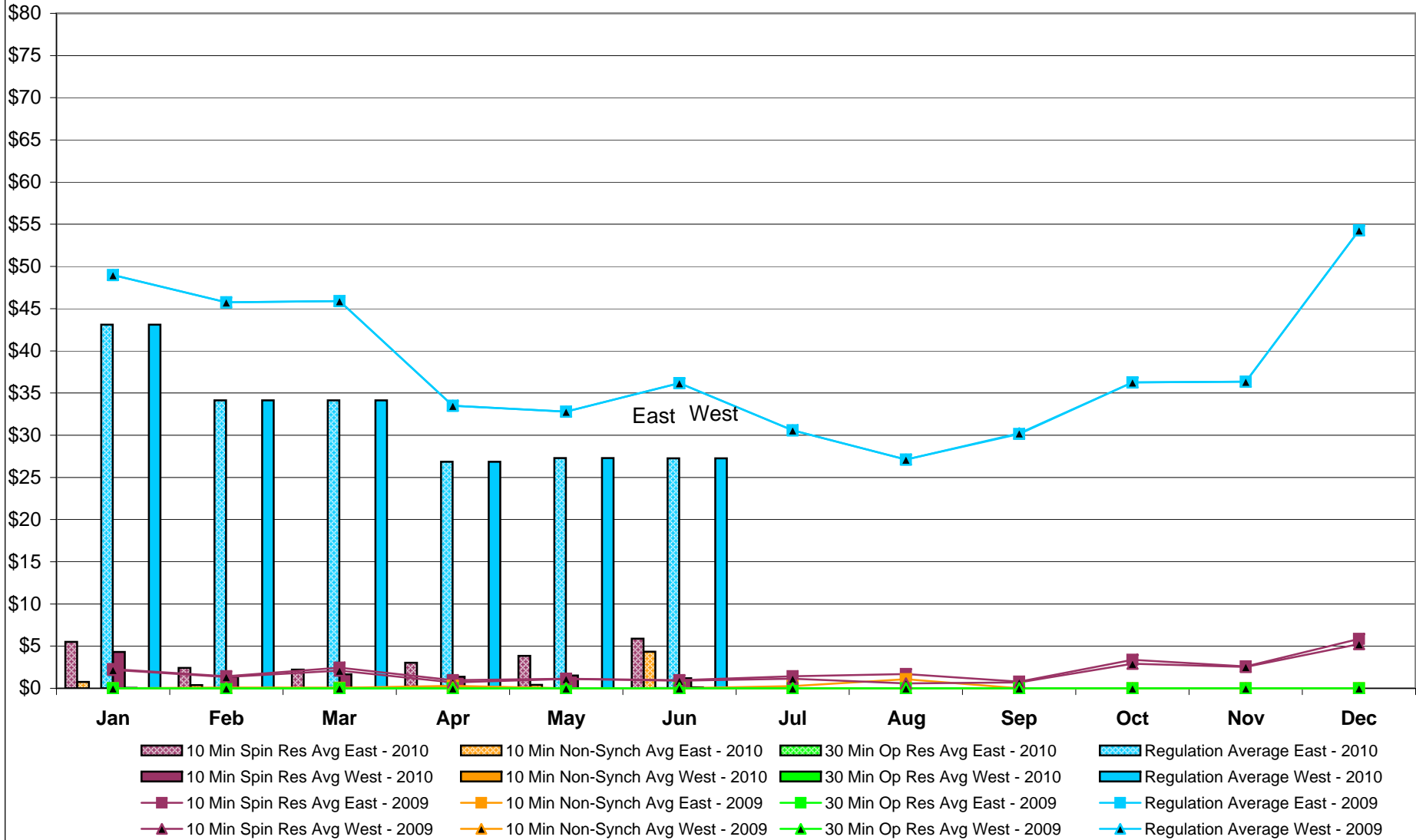
NYISO Multi Hour Block Transactions Monthly Total MWh



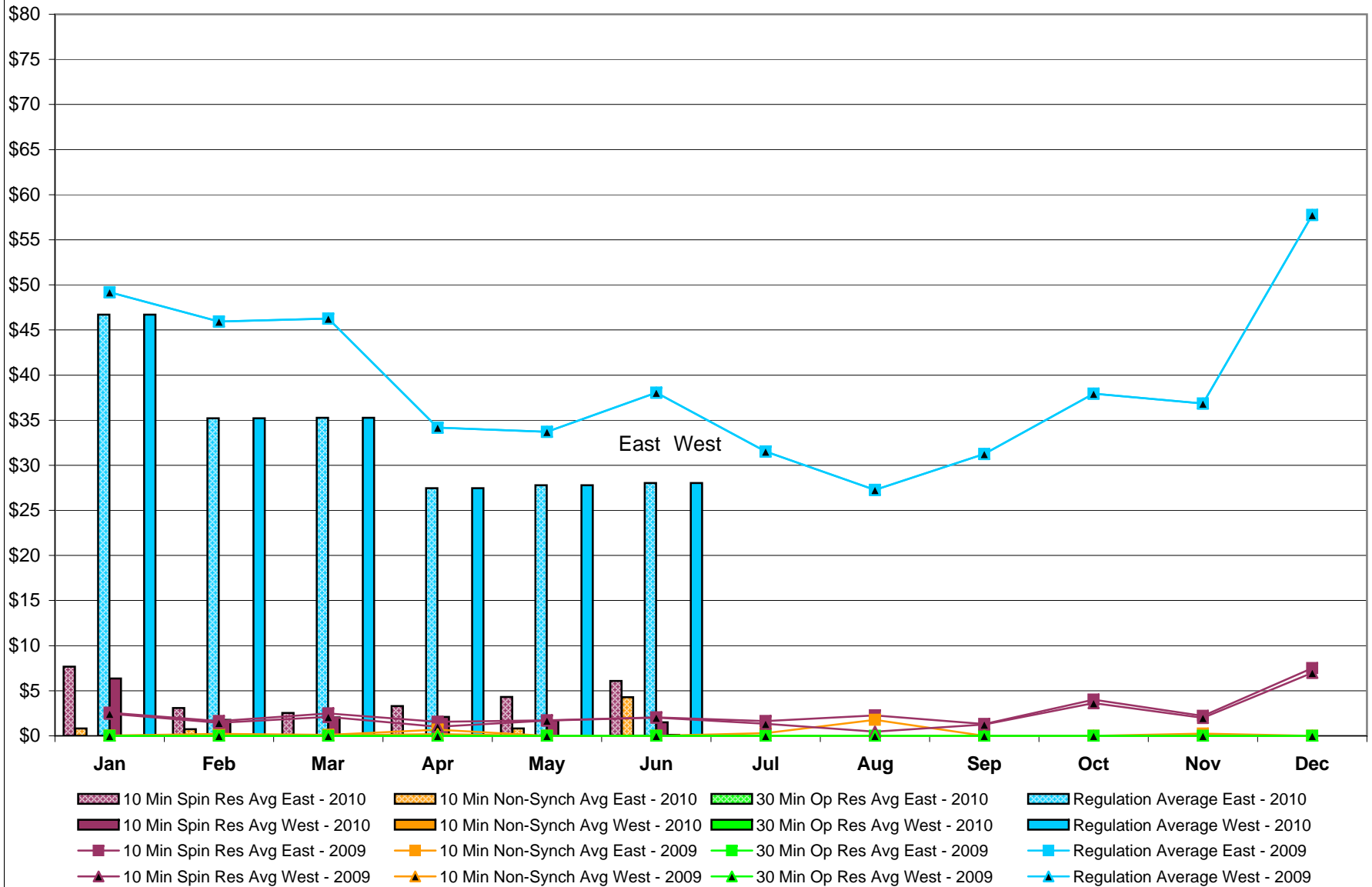
NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2009 - 2010



NYISO Monthly Average Ancillary Service Prices RTC Market 2009 - 2010



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



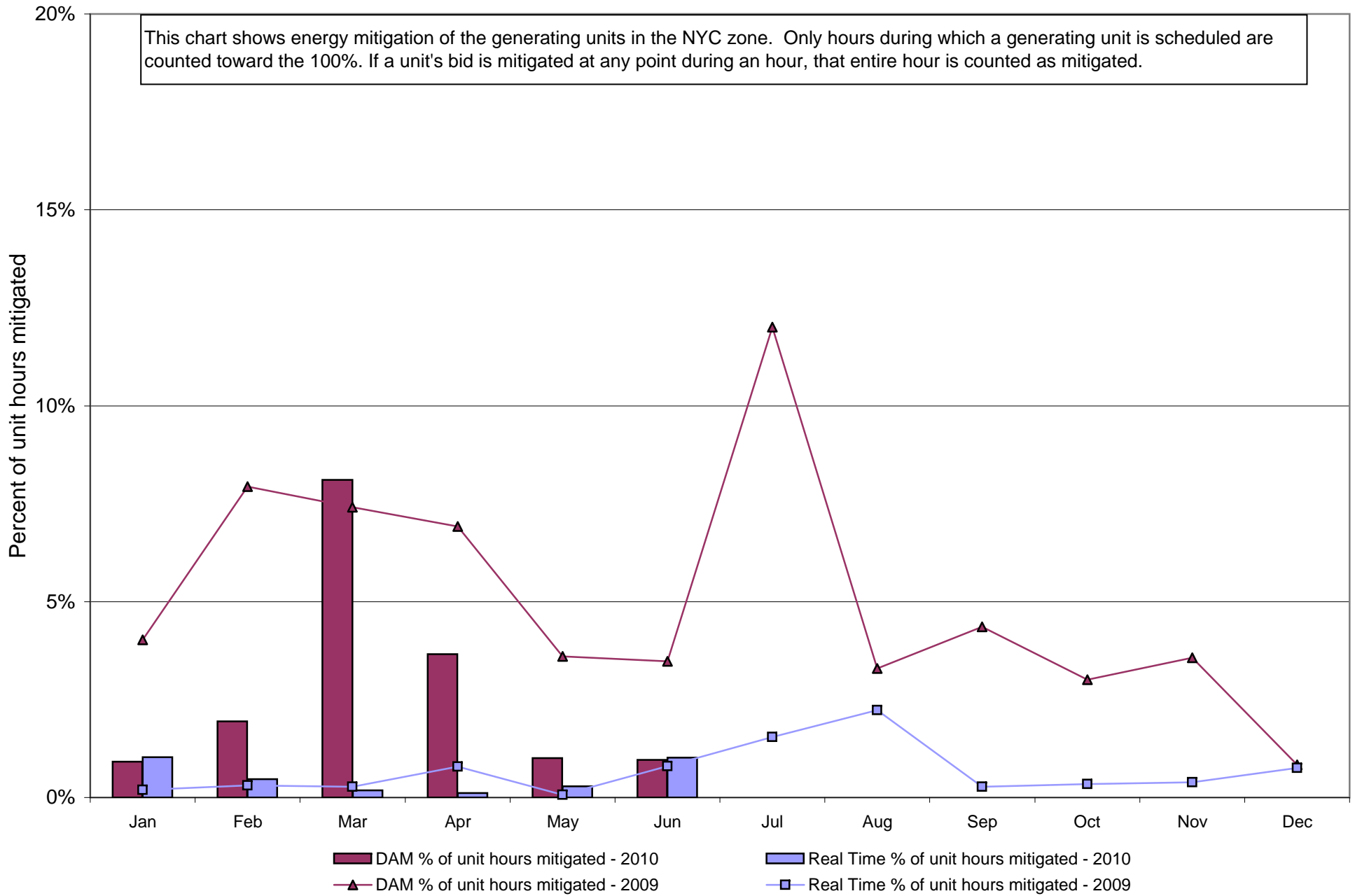
NYISO Markets Ancillary Services Statistics - Unweighted Price (\$/MWH)

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>
Day Ahead Market												
10 Min Spin East	4.62	4.51	5.10	7.04	7.59	5.43						
10 Min Spin West	3.90	3.80	4.02	4.51	4.73	4.27						
10 Min Non Synch East	2.11	1.42	2.85	1.89	3.04	1.04						
10 Min Non Synch West	1.49	0.80	1.78	0.74	1.02	0.37						
30 Min East	0.24	0.18	0.18	0.16	0.12	0.07						
30 Min West	0.24	0.18	0.18	0.16	0.12	0.07						
Regulation East	43.21	35.33	33.67	29.28	30.33	30.44						
Regulation West	43.21	35.33	33.67	29.28	30.33	30.44						
RTC Market												
10 Min Spin East	5.49	2.42	2.22	3.03	3.86	5.89						
10 Min Spin West	4.32	1.40	1.66	1.38	1.53	1.19						
10 Min Non Synch East	0.77	0.37	0.00	0.00	0.39	4.35						
10 Min Non Synch West	0.05	0.00	0.00	0.00	0.00	0.11						
30 Min East	0.00	0.00	0.00	0.00	0.00	0.04						
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03						
Regulation East	43.11	34.13	34.13	26.86	27.28	27.26						
Regulation West	43.11	34.13	34.13	26.86	27.28	27.26						
Real Time Market												
10 Min Spin East	7.67	3.08	2.54	3.31	4.30	6.10						
10 Min Spin West	6.37	1.78	2.05	2.09	1.73	1.51						
10 Min Non Synch East	0.83	0.74	0.00	0.00	0.81	4.28						
10 Min Non Synch West	0.00	0.00	0.00	0.00	0.00	0.12						
30 Min East	0.00	0.00	0.00	0.00	0.00	0.03						
30 Min West	0.00	0.00	0.00	0.00	0.00	0.03						
Regulation East	46.71	35.21	35.26	27.47	27.78	28.03						
Regulation West	46.71	35.21	35.26	27.47	27.78	28.03						
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												
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
RTC Market												
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
Real Time Market												
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

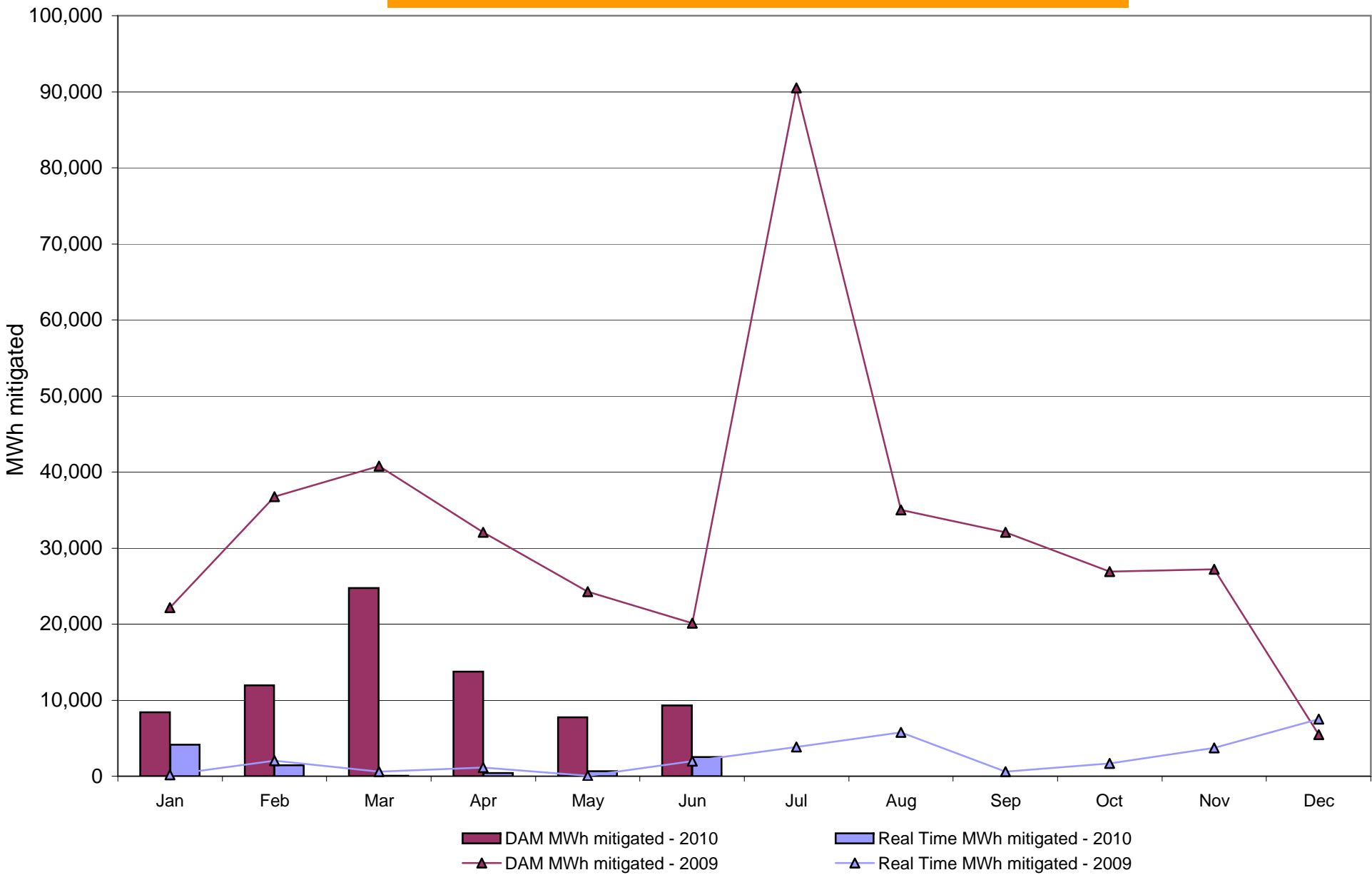
NYISO In City Energy Mitigation - AMP (NYC Zone) 2009 - 2010

Percentage of committed unit-hours mitigated

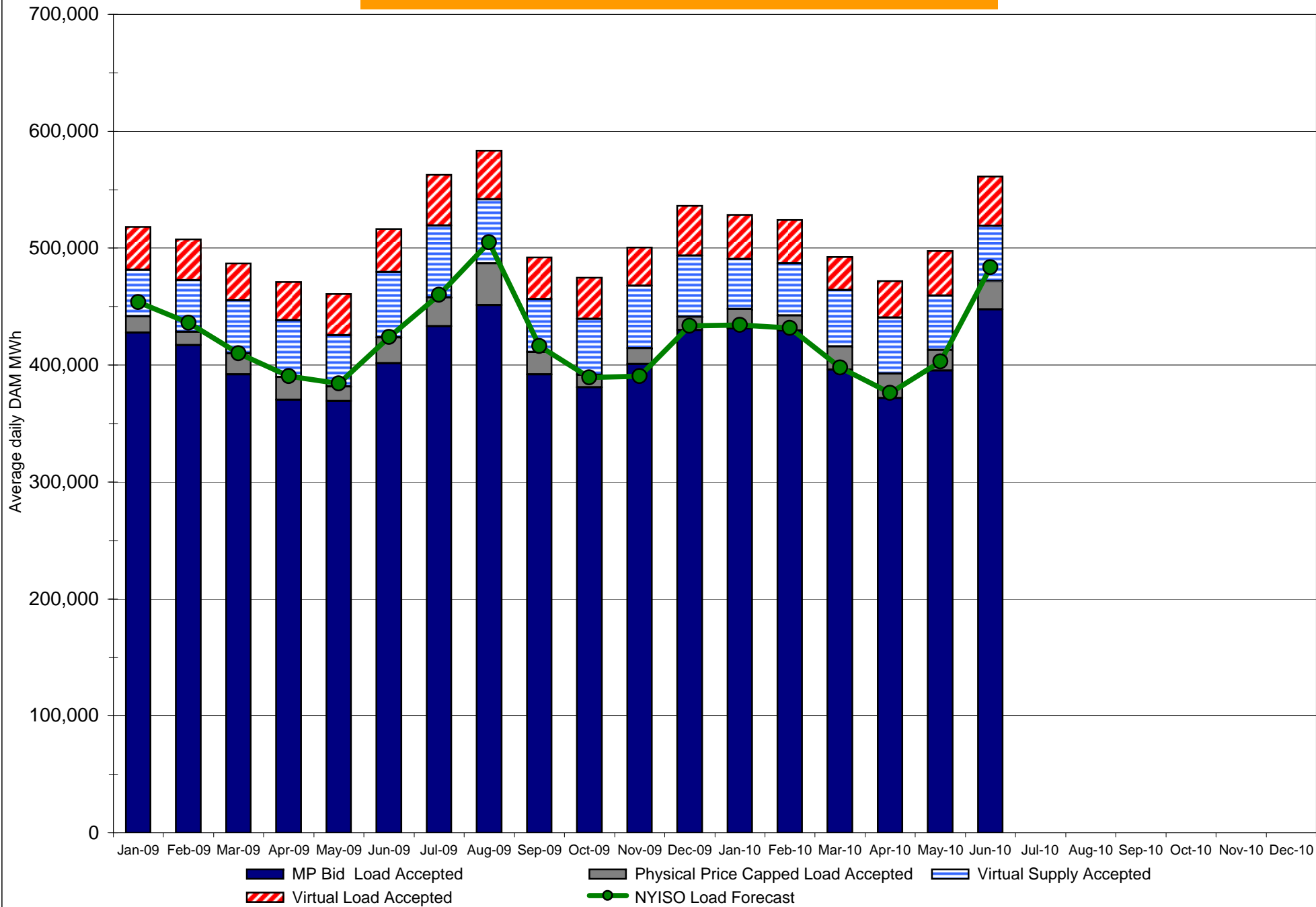
This chart shows energy mitigation of the generating units in the NYC zone. Only hours during which a generating unit is scheduled are counted toward the 100%. If a unit's bid is mitigated at any point during an hour, that entire hour is counted as mitigated.



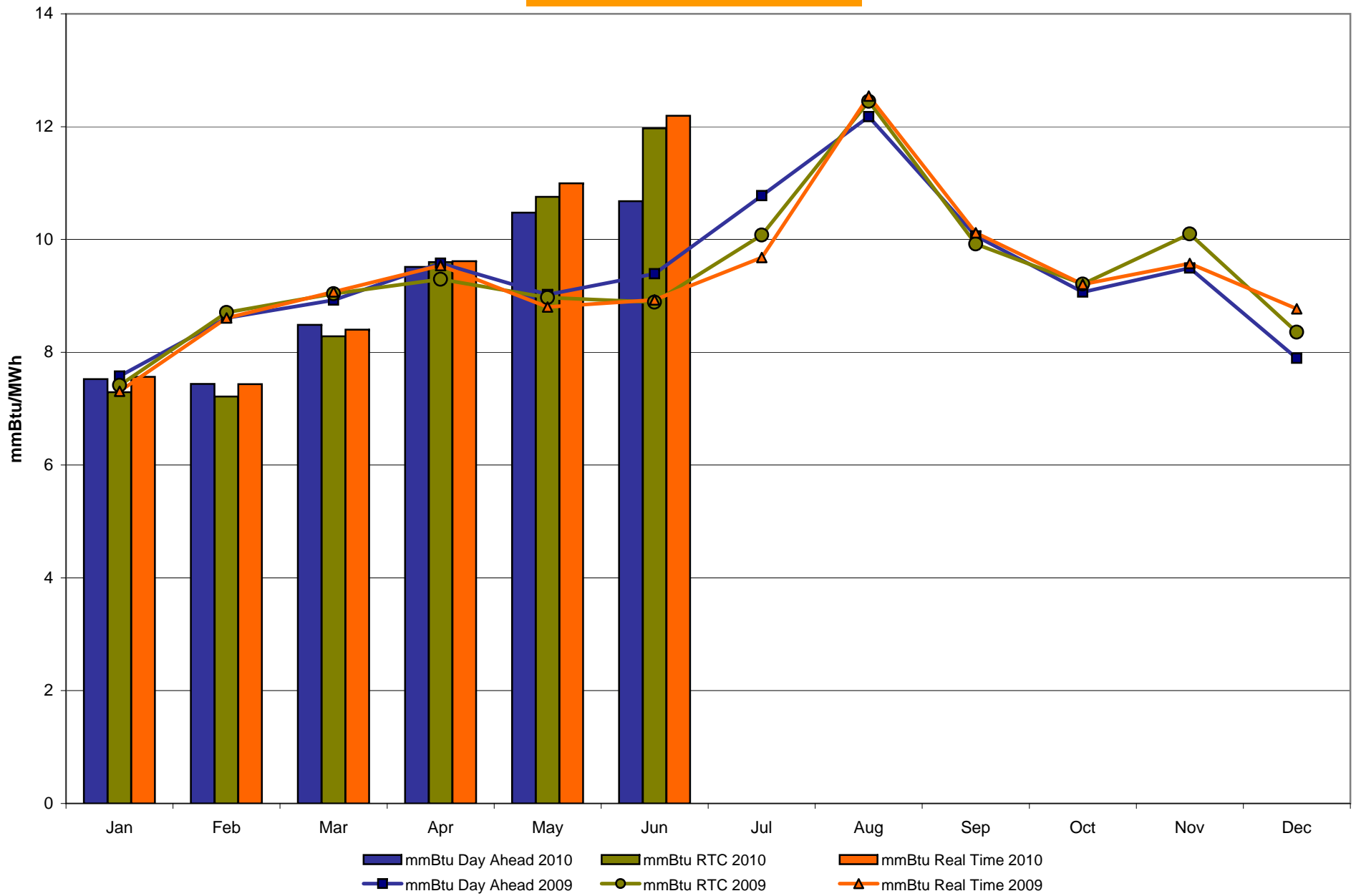
NYISO In City Energy Mitigation (NYC Zone) 2009 - 2010 Monthly megawatt hours mitigated



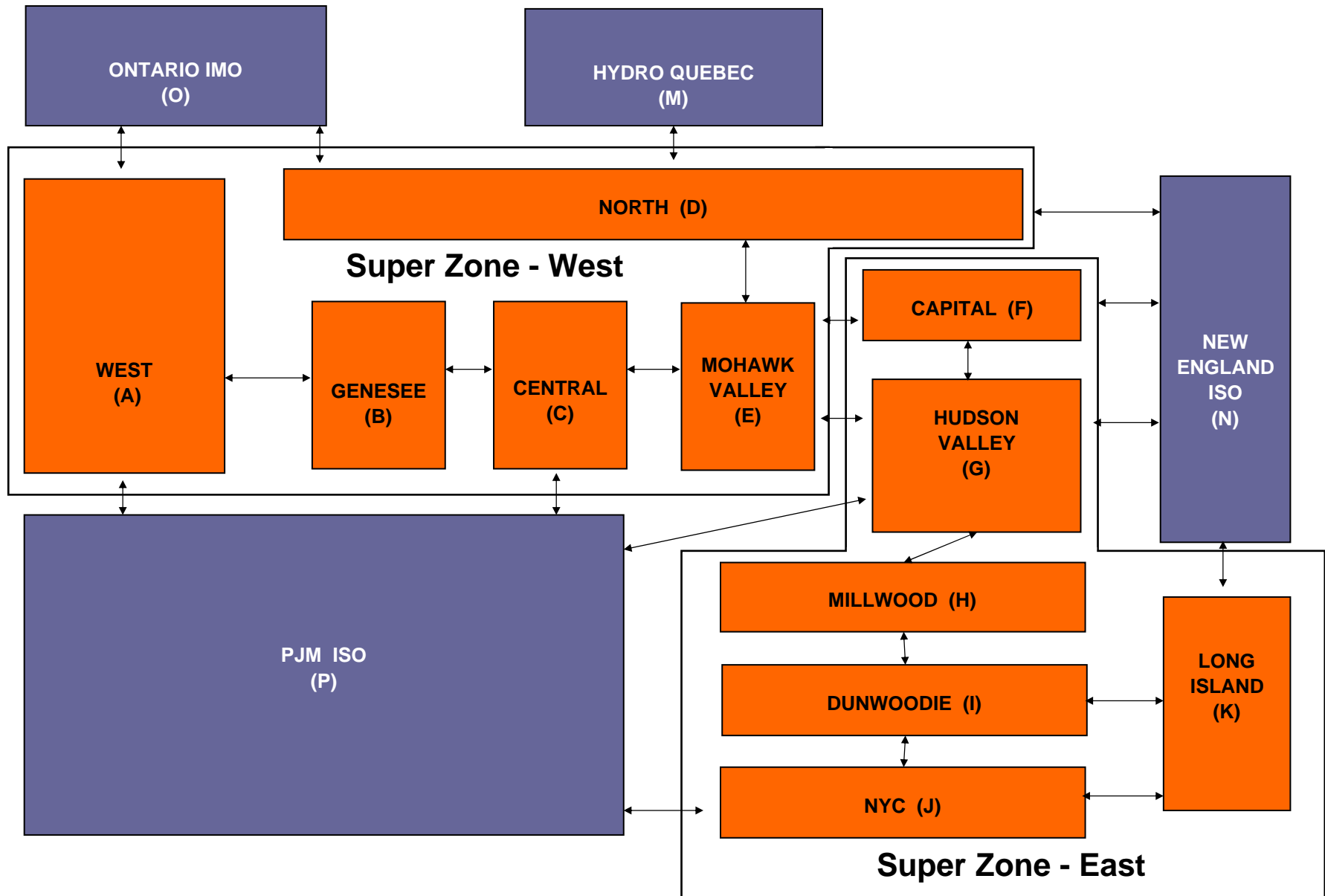
NYISO Average Daily DAM Load Bid Summary



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

Operations Performance Metrics Monthly Report



June 2010 Report

Operations & Reliability Department New York Independent System Operator

Prepared by NYISO Operations Analysis and Services, based on settlements initial invoice data obtained on or before July 12.

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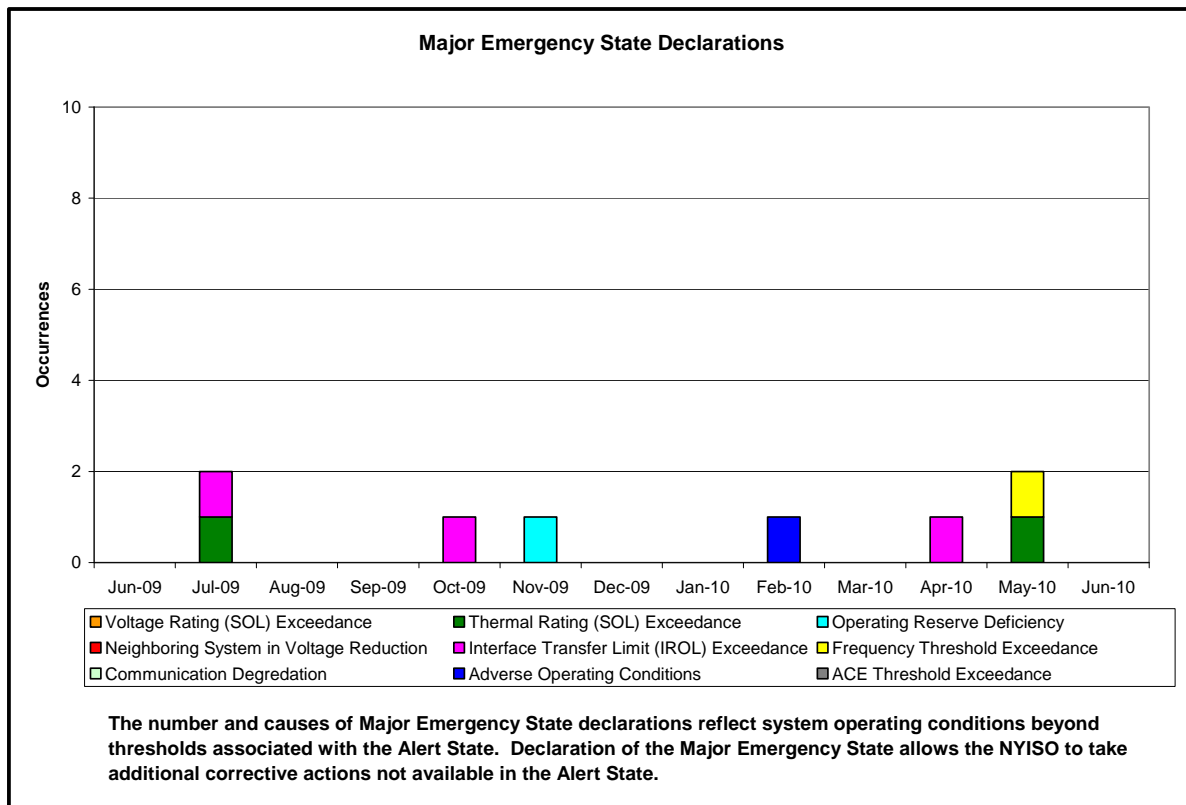
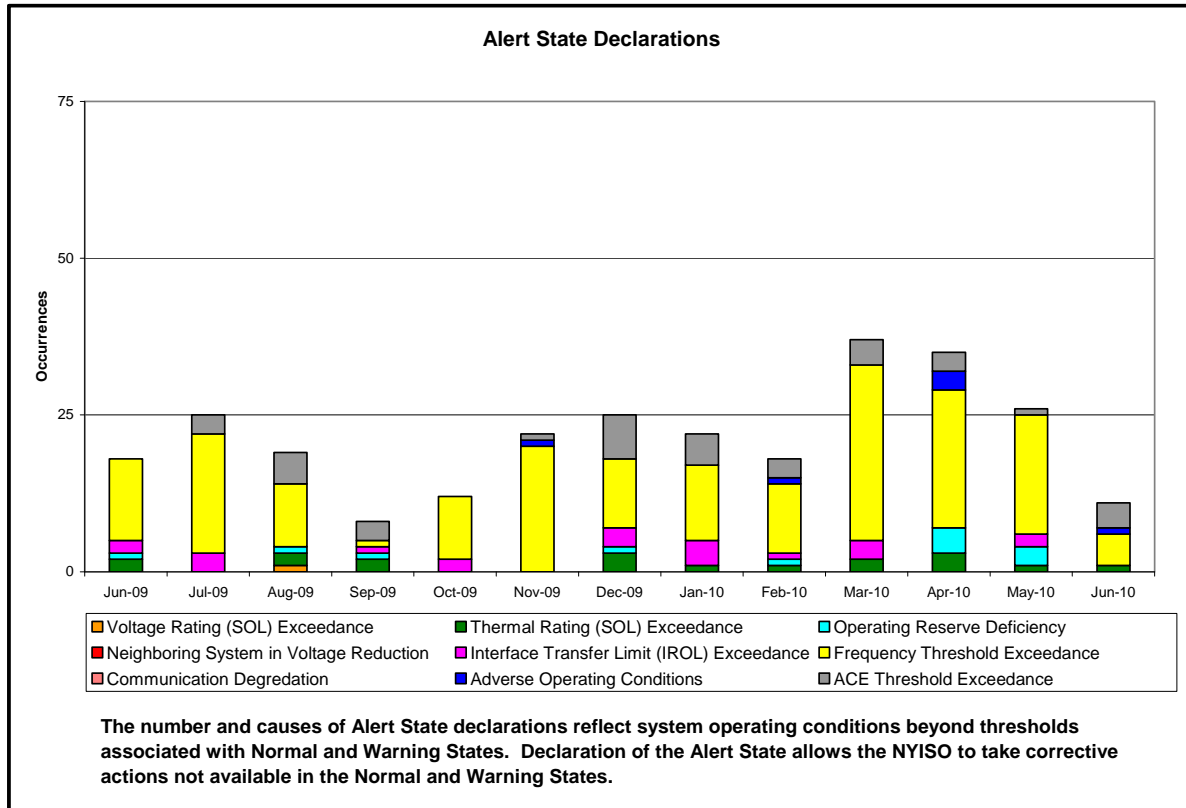
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 - *Wind Forecasting Performance*
 - *Lake Erie Circulation and ISO Schedules*

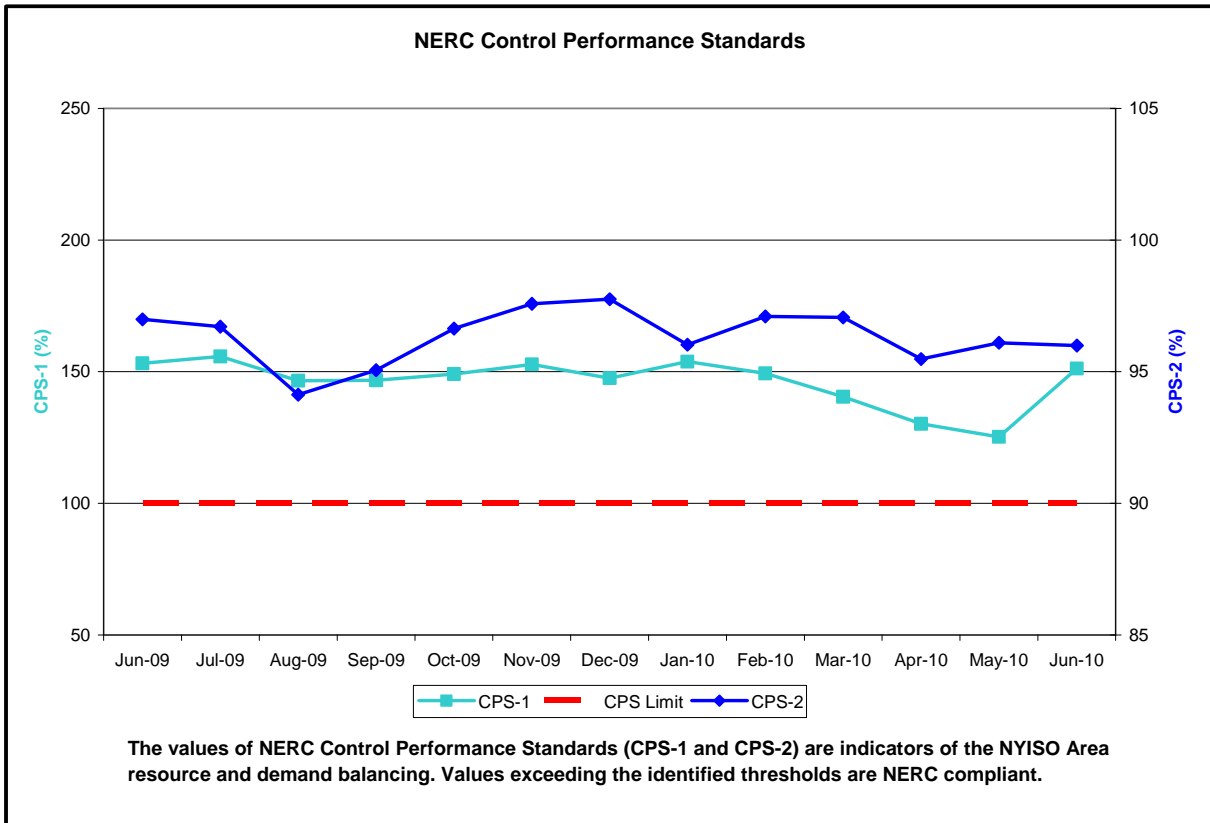
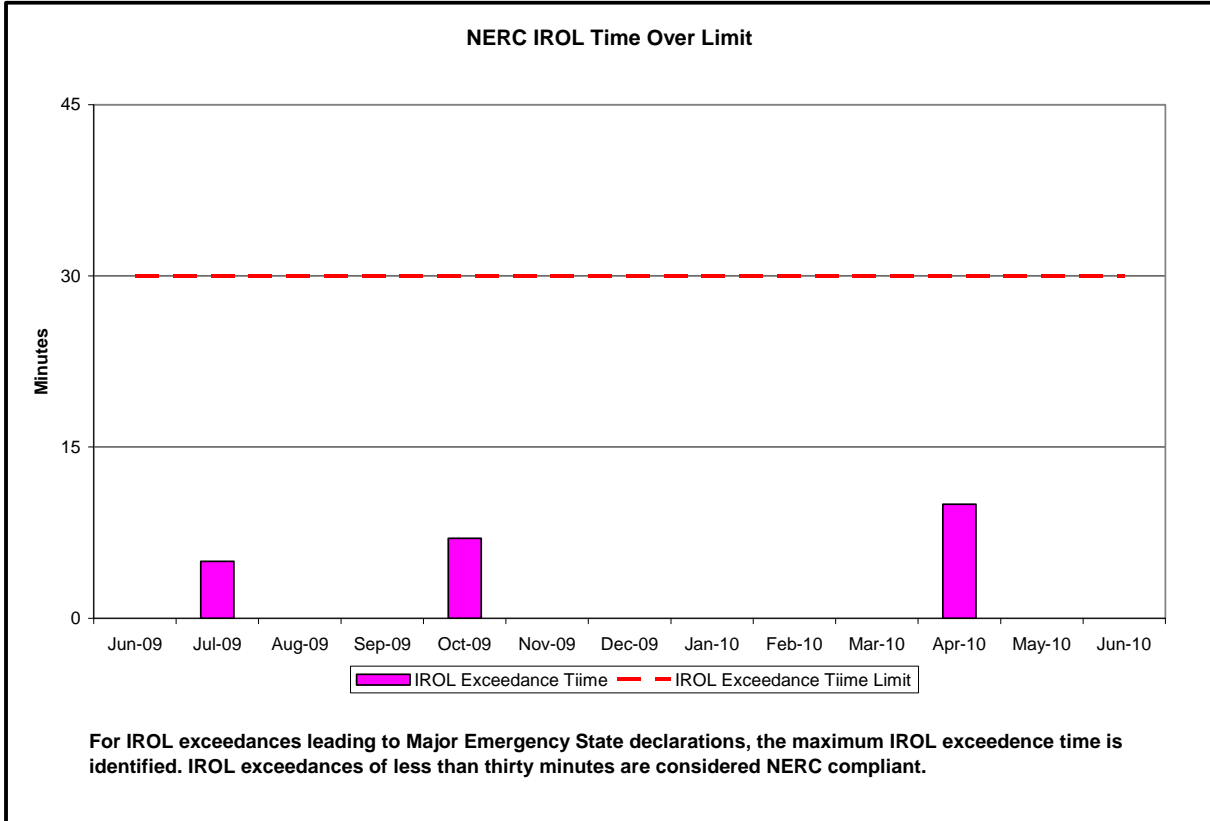
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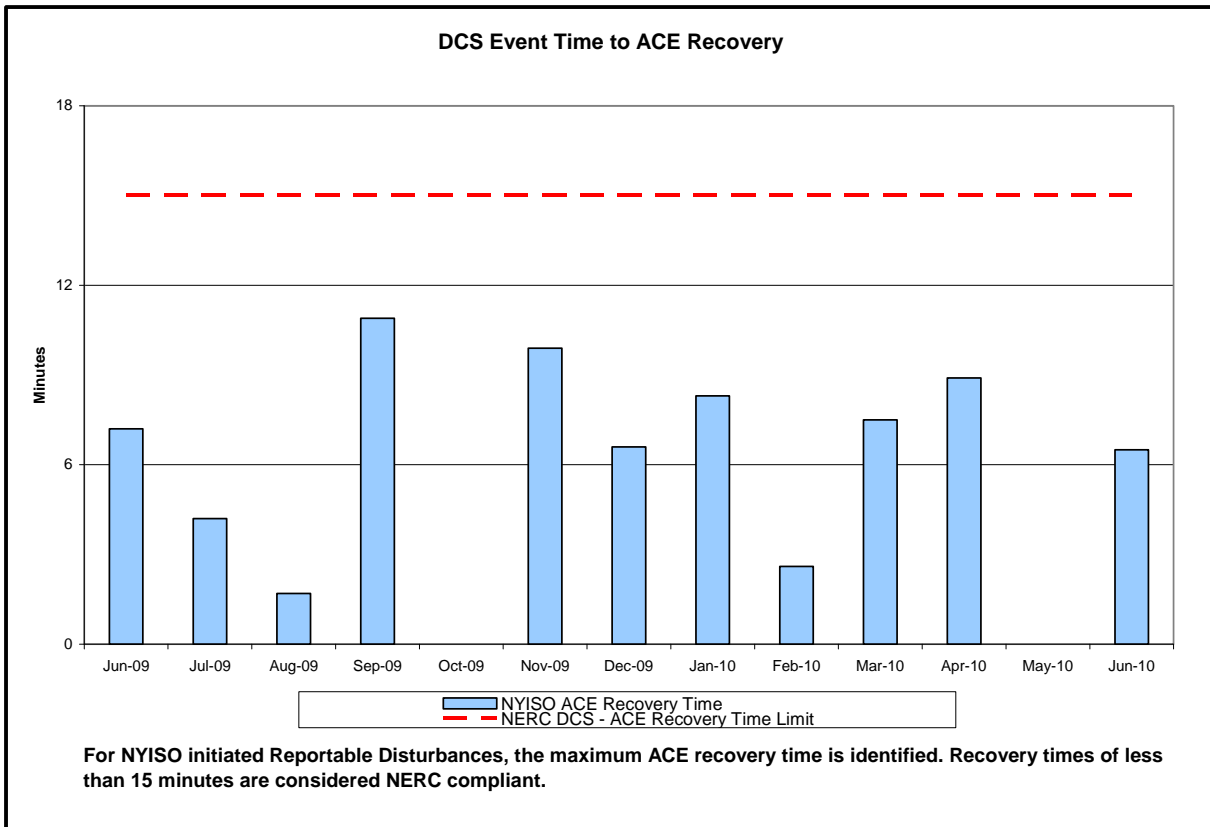
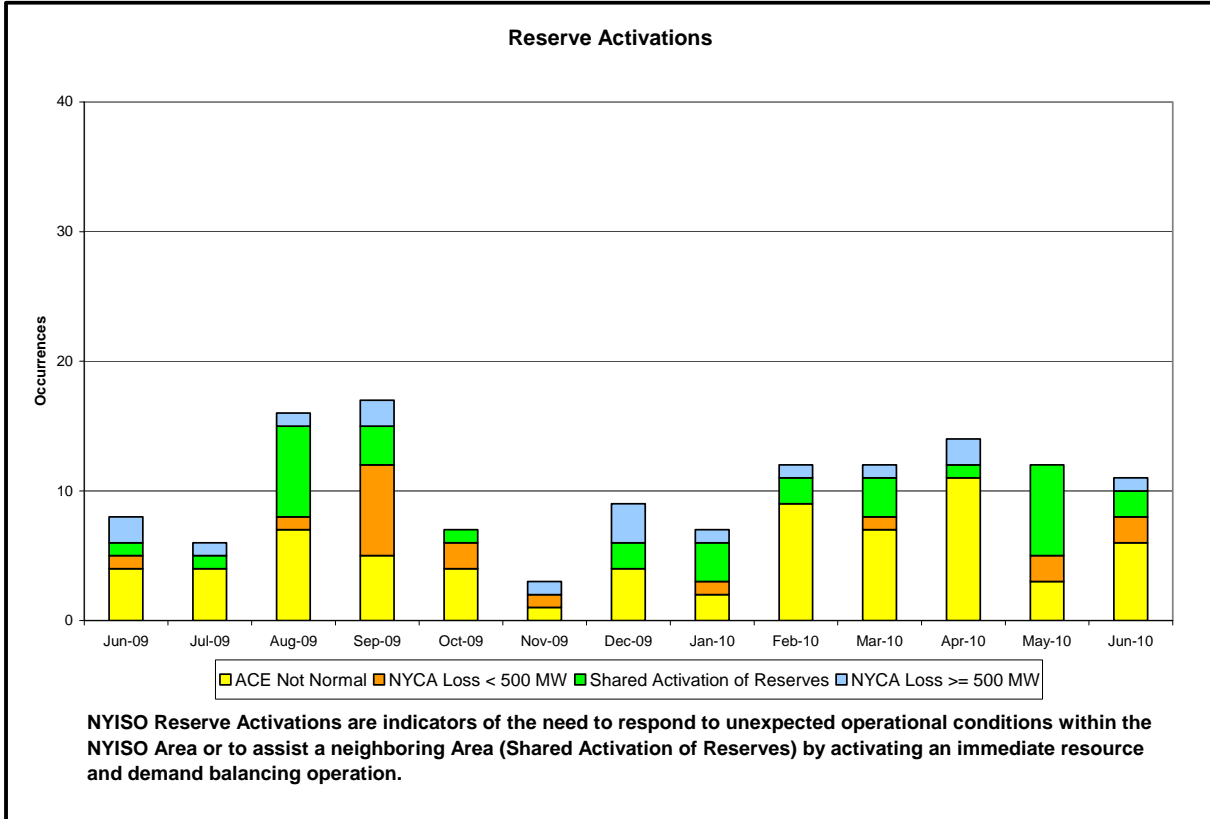
June 2010 Operations Performance Highlights

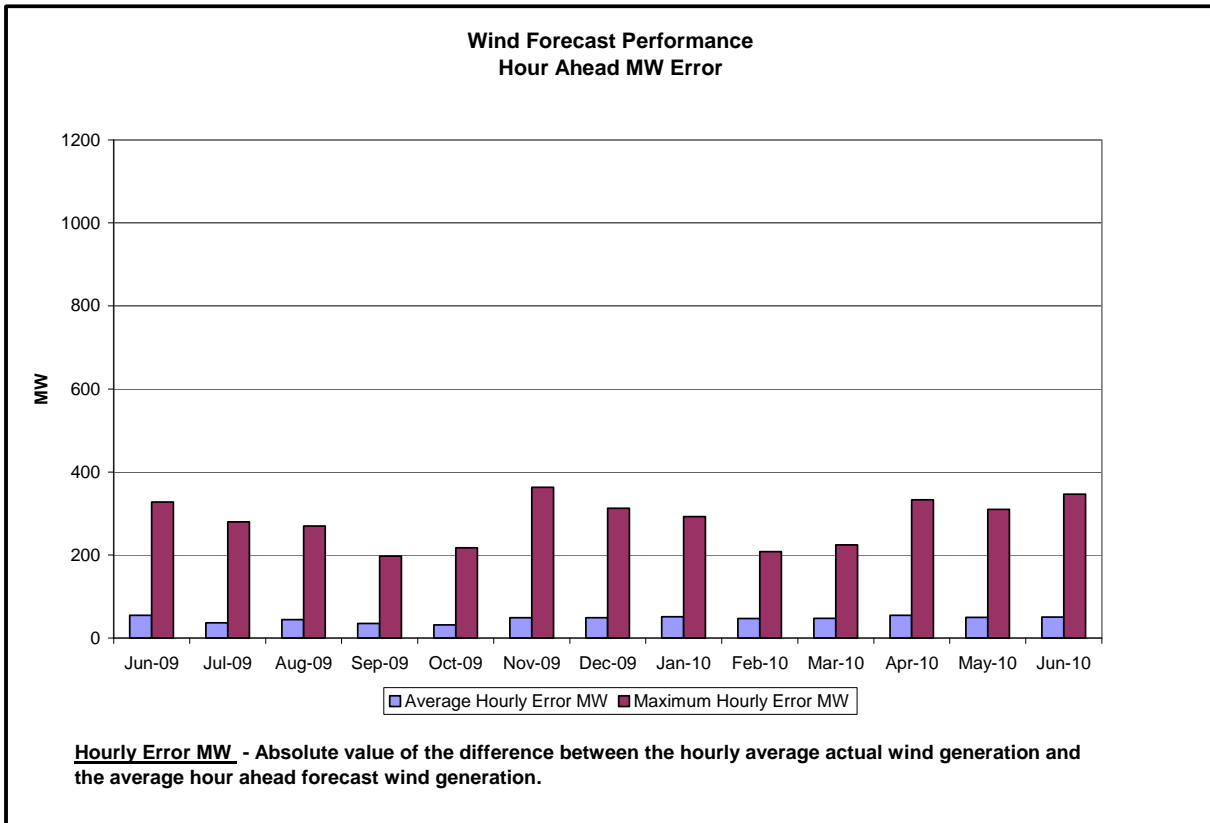
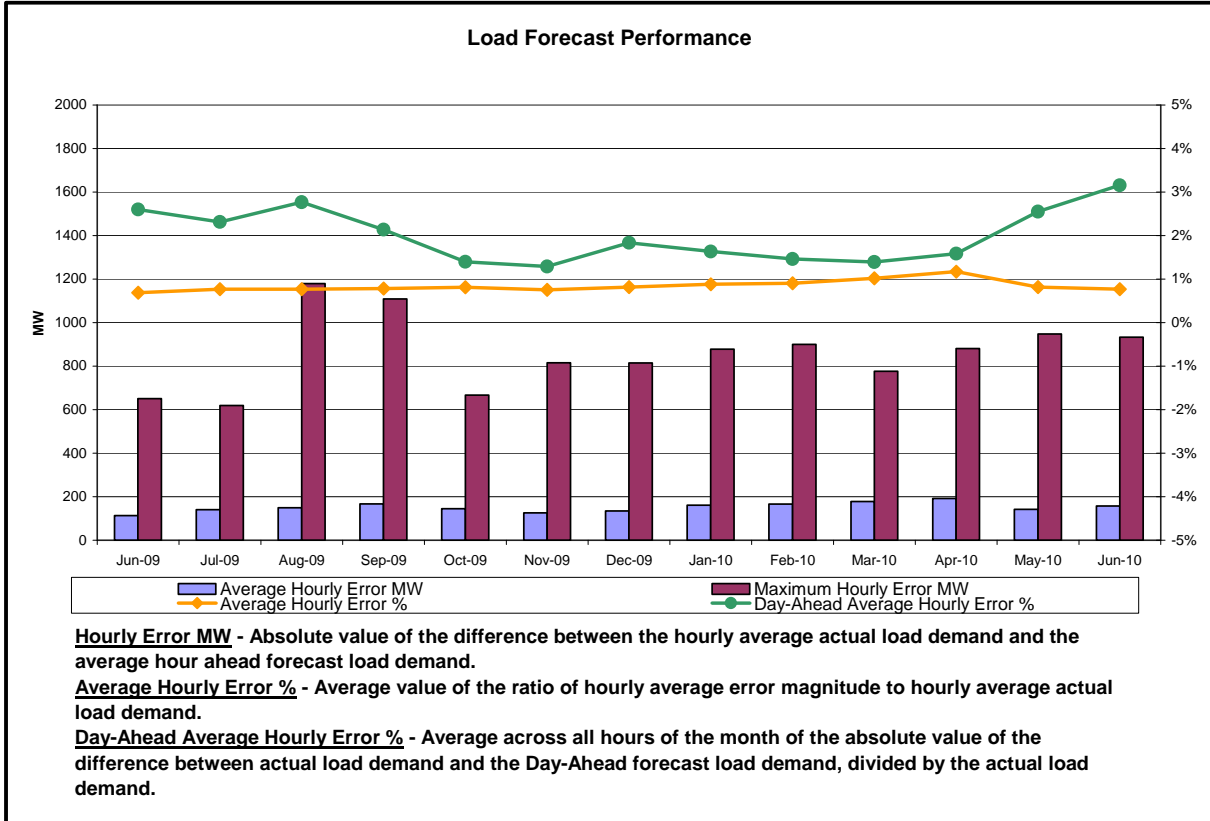
- Peak load of 30,235 MW occurred on June 28 for hour beginning 13
- TLR3 declared for 54 hours
- CPS-1 returned to normal levels, frequency meter issues corrected
- Beck-Niagara outages scheduled for Fall 2010, three week duration expected to begin in November

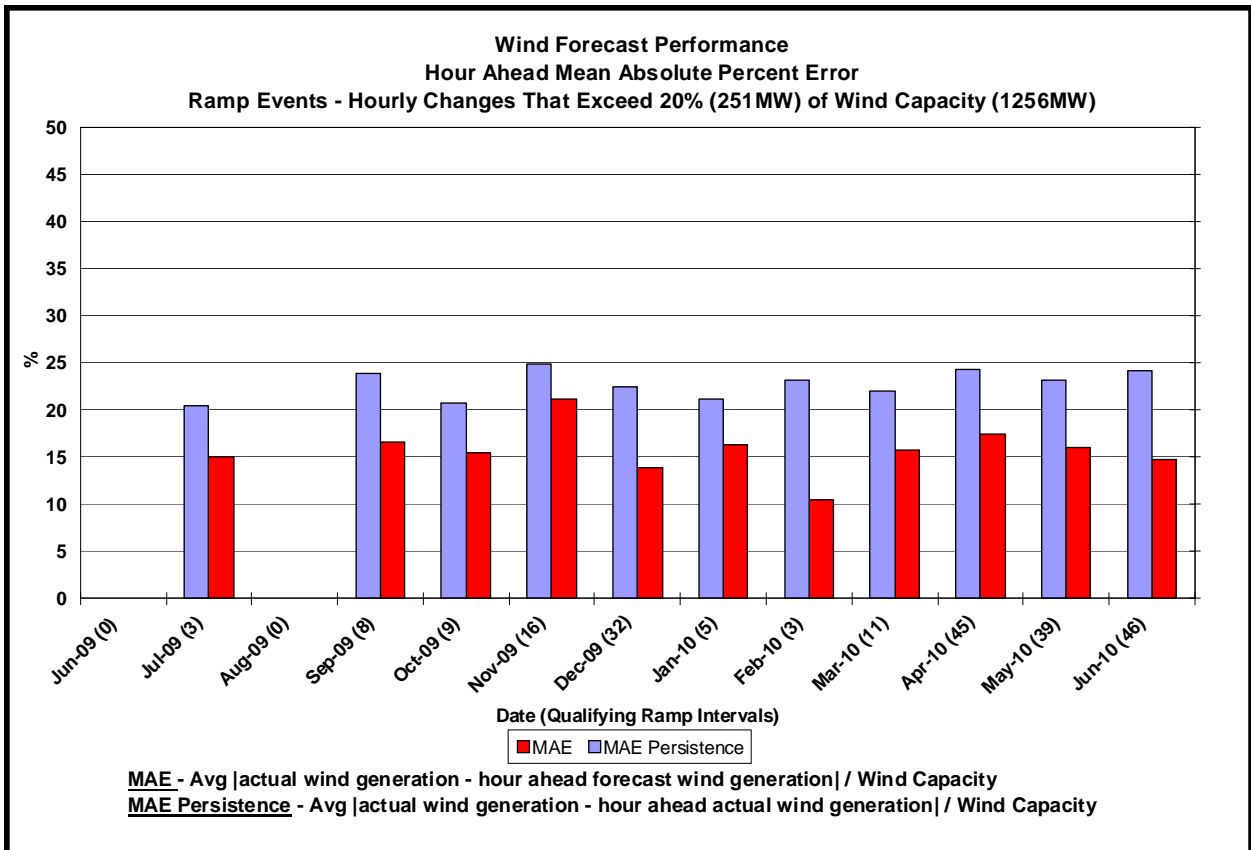
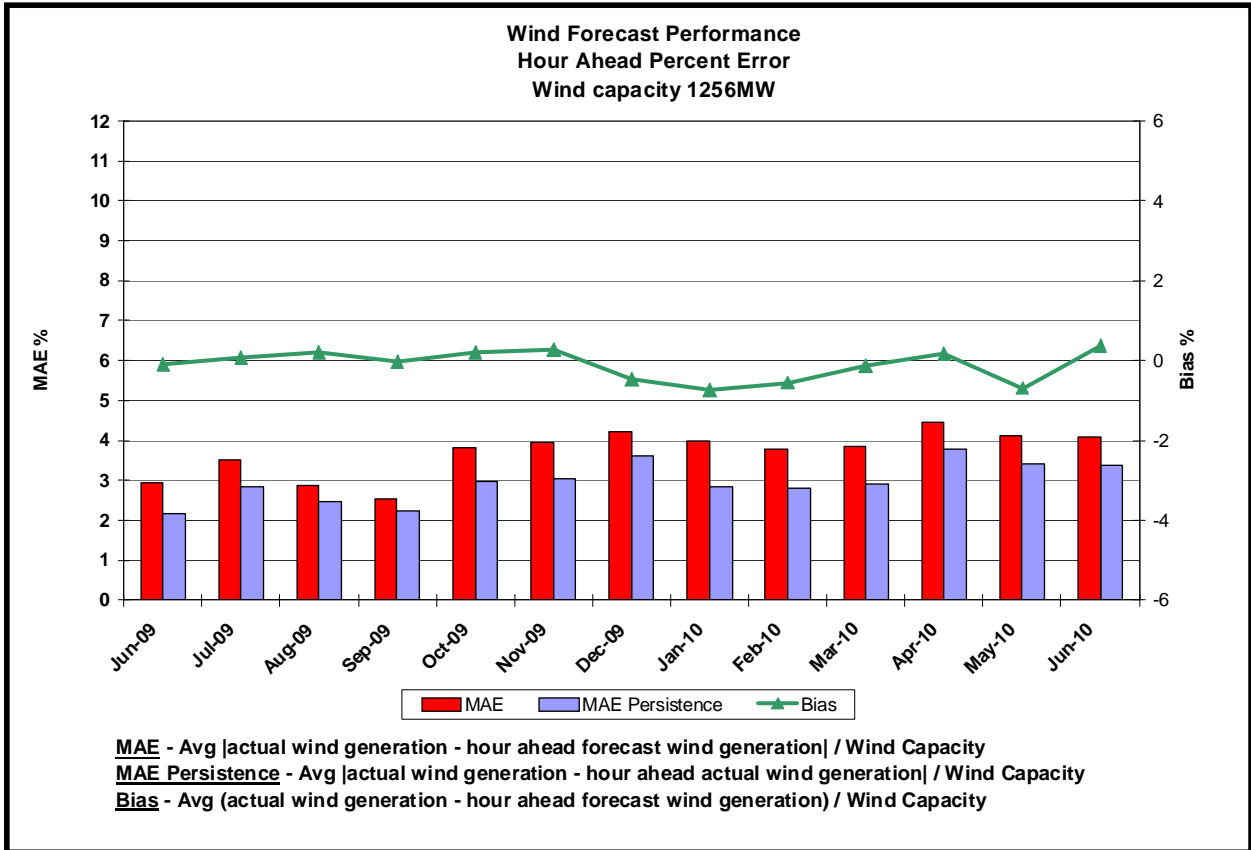
Reliability Performance Metrics

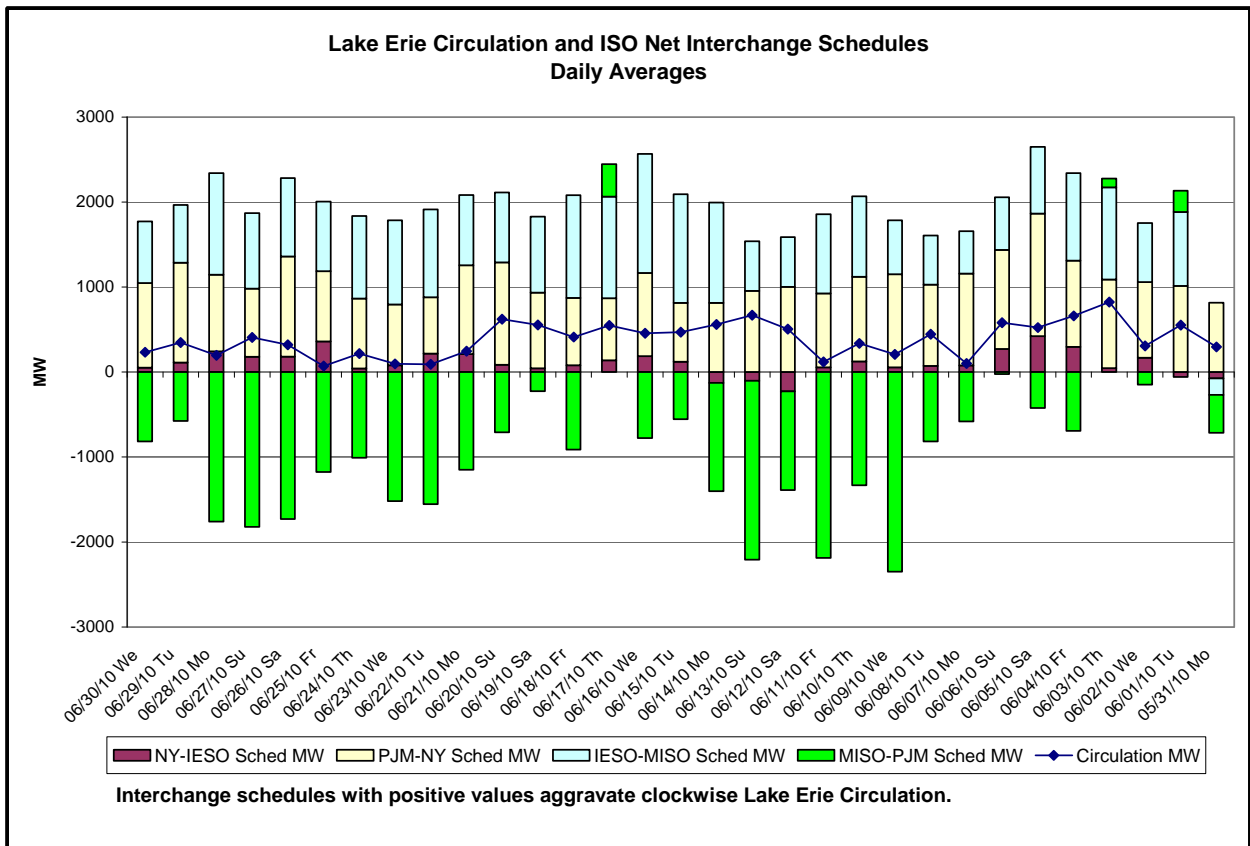
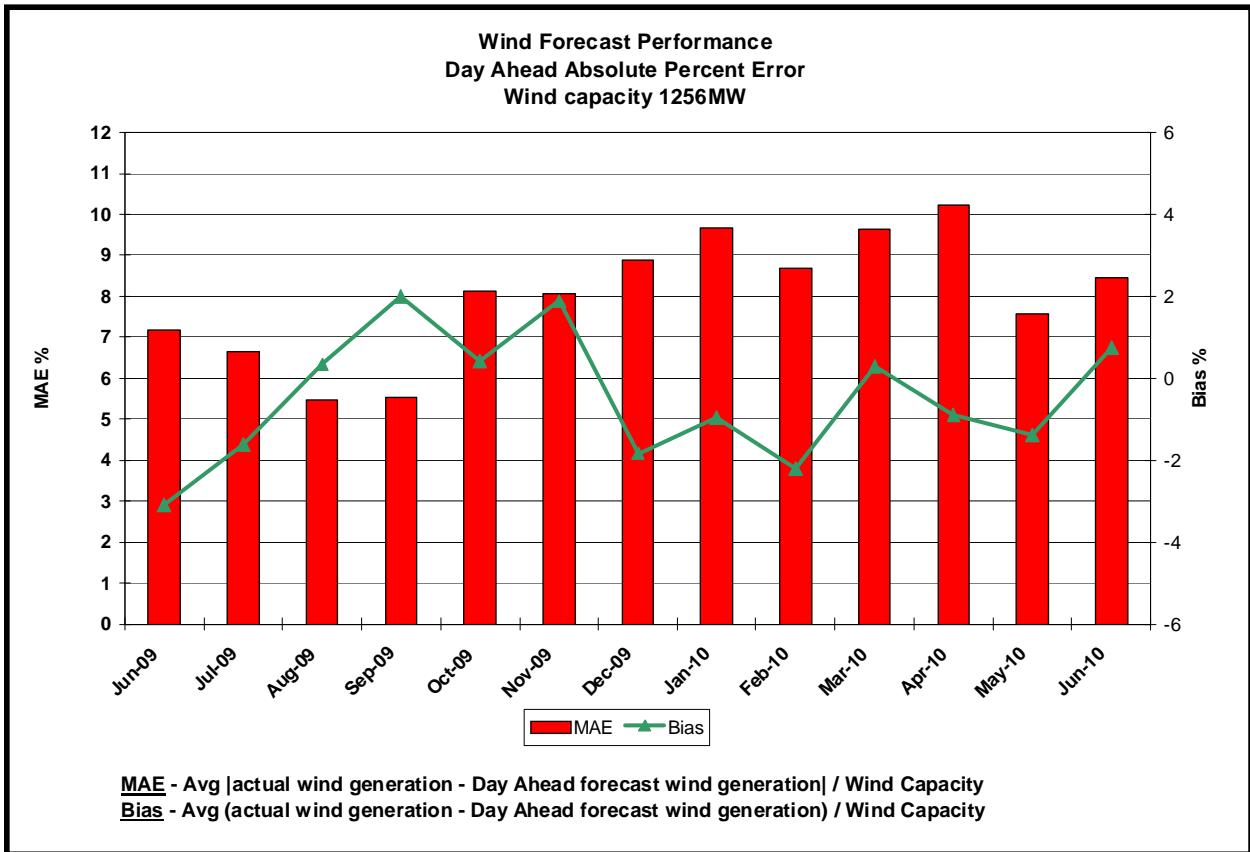




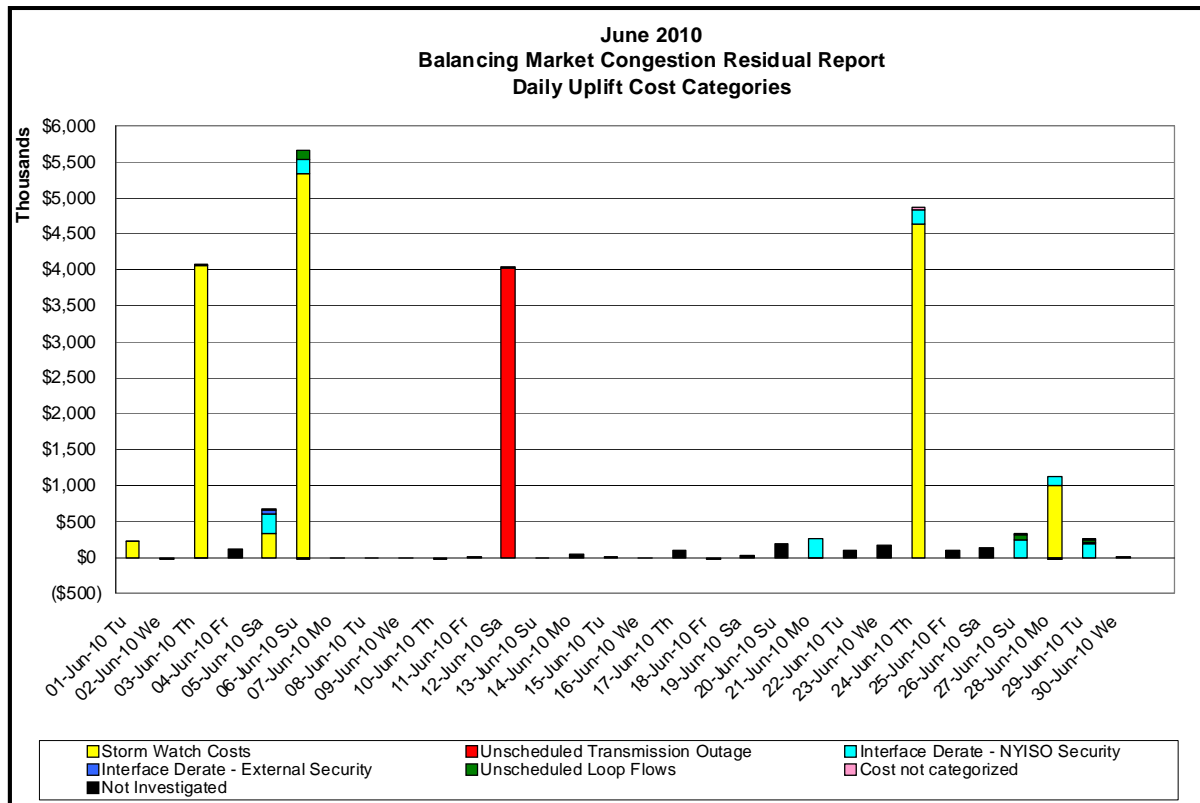
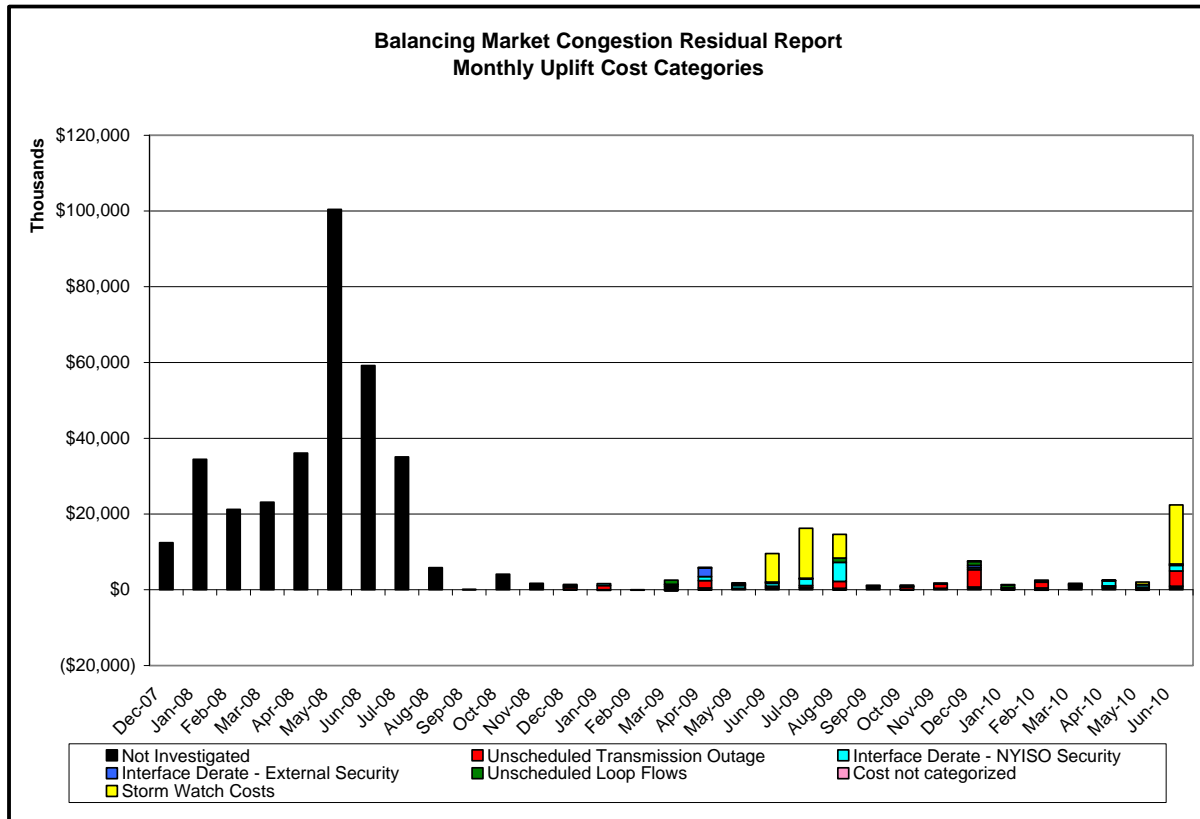








Market Performance Metrics



Day's investigated in June: 01, 03, 05, 06, 12, 21, 24, 27, 28, 29

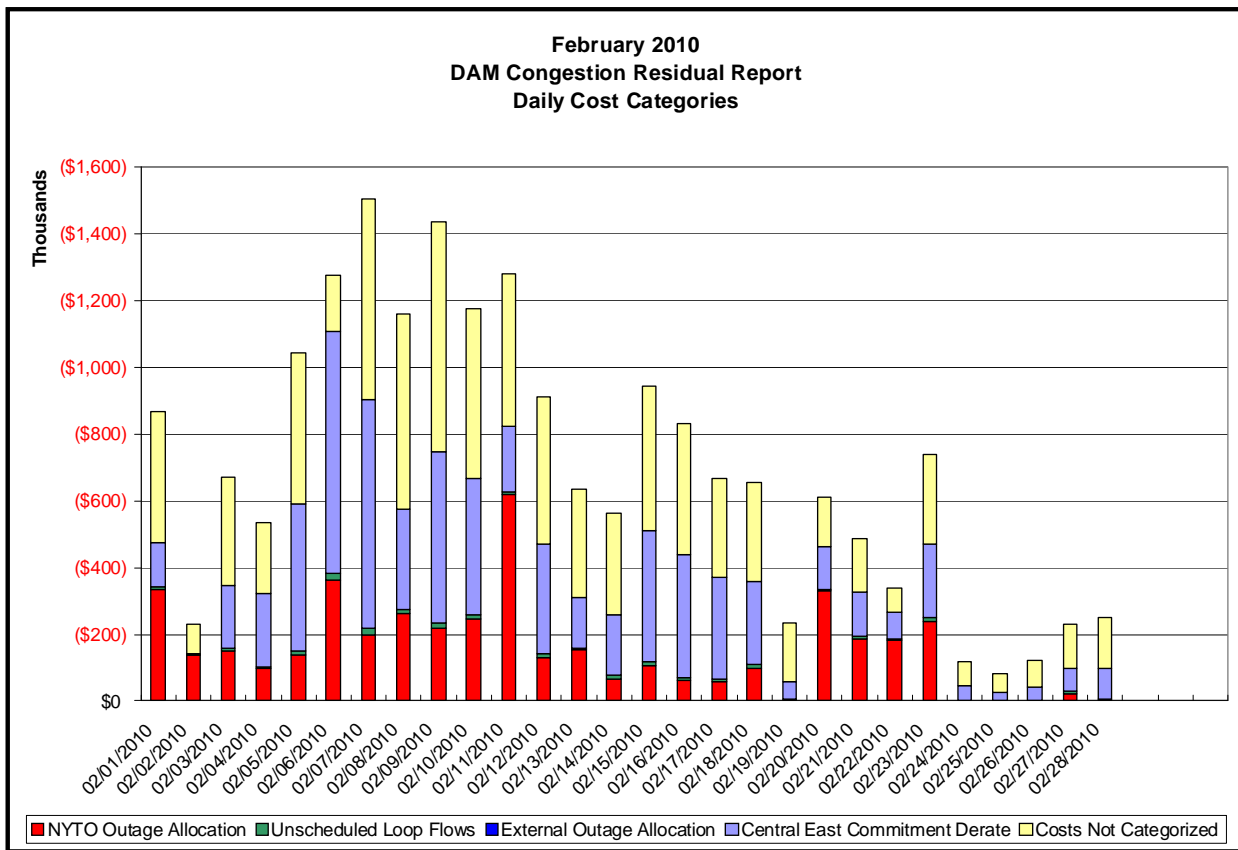
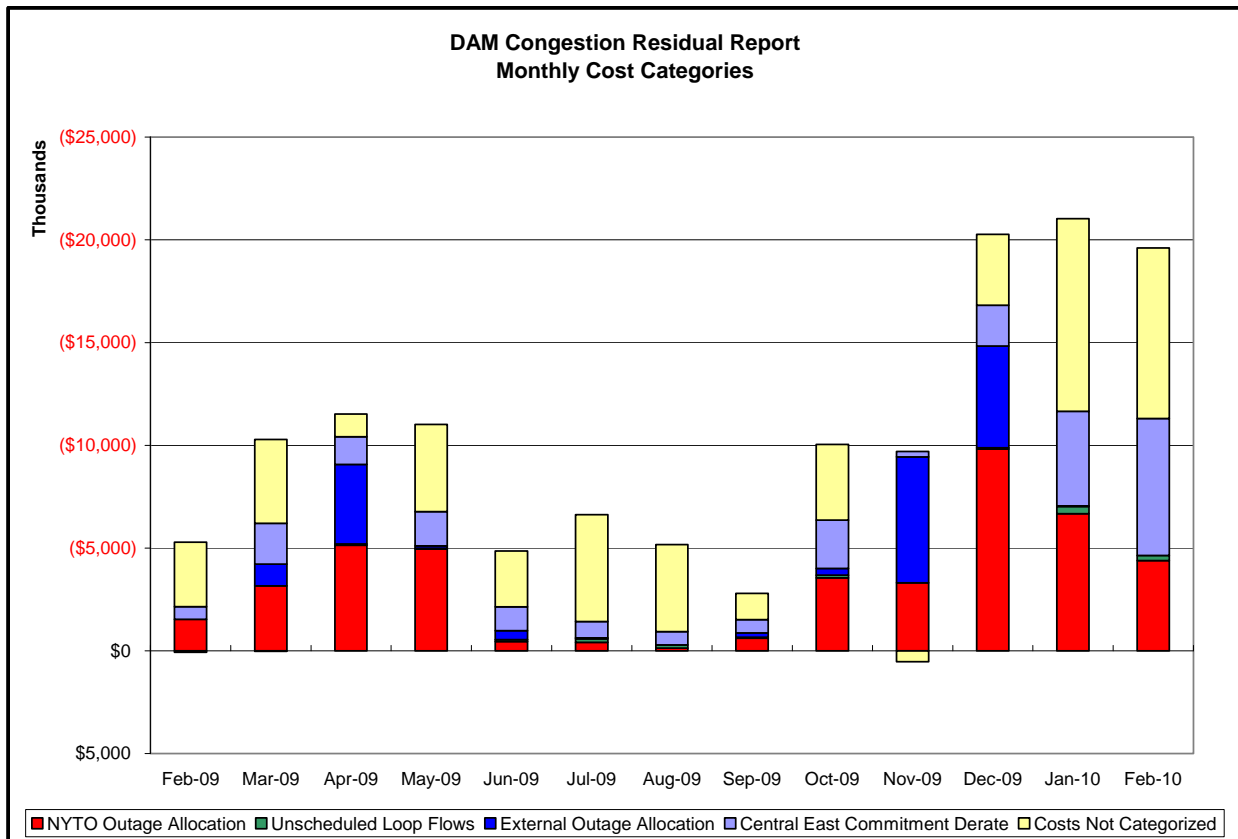
Event	Date (yyyymm)	Hours	Description
	6/1/2010	11-17	Thunderstorm Alert
	6/3/2010	13-16	Thunderstorm Alert
	6/3/2010	18	Uprate Goethals S-GowanusS 345kV (#26)
	6/3/2010	22	Derate Greenwood/Staten Island
	6/3/2010	18	PJM DNI Ramp Limit
	6/5/2010	20-22	Thunderstorm Alert
	6/5/2010	10-19,23	Derate Greenwood/Staten Island, Gowanus S-Greenwood 138kV (#42231), Gowanus N-Greenwood 138kV (#42232)
	6/5/2010	12-13,15-19	Derate Leeds-New Scotland 345kV (#93) for I/o Leeds-New Scotland 345kV (#94)
	6/5/2010	0	NE-NY Scheduling Limit
	6/6/2010	13-17	Thunderstorm Alert
	6/6/2010	0,11-12,18-20	Derate Greenwood/Staten Island, Gowanus N-Greenwood 138kV (#42231) for TWR:Goethals 22,21,A2253, Gowanus S-Greenwood 138kV (#42232) for TWR:Goethals 22,21,A2253
	6/6/2010	11-12, 19-20	Derate Leeds-New Scotland 345kV (#93) for I/o Leeds-New Scotland 345kV (#94)
	6/6/2010	11, 12, 19	Lake Erie Clockwise Circulation, DAM-RTM exceeds 300MW: Central East
	6/12/2010	10-21	Forced outage Sprainbrook-Dunwoodie 345kV (#W75)
	6/12/2010	10-21	Forced outage Dunwoodie-Shore Road 345kV (#Y50)
	6/12/2010	10-21	Forced outage Dunwoodie-Motthaven 345kV (#71)
	6/12/2010	10-21	Forced outage Dunwoodie-Motthaven 345kV (#72)
	6/12/2010	10-21	Forced outage Dunwoodie-Pleasantville 345kV (#W89)
	6/12/2010	10-21	Forced outage Dunwoodie-Pleasantville 345kV (#W90)
	6/12/2010	10-21	Forced outage Dunwoodie 345/138kV BK S1 (#W73)
	6/12/2010	10-21	Forced outage Dunwoodie 345/138kV BK N1 (#W74)
	6/12/2010	13-21	Extended outage Pleasantville-Wood St. 345kV (#F31) and Wood St.-Millwood 345kV (#W81)
	6/21/2010	10-23	Derate Greenwood/Staten Island, Gowanus N-Greenwood 138kV (#42231) for TWR:Goethals 22,21,A2253, Gowanus S-Greenwood 138kV (#42232) for TWR:Goethals 22,21,A2253
	6/21/2010	15-16	Derate Leeds-New Scotland 345kV (#93) for I/o Leeds-New Scotland 345kV (#94)
	6/24/2010	12-17	Thunderstorm Alert
	6/24/2010	7,9-11,19-23	Derate Vernon/Greenwood, Rainey-Vernon 138kV (#36312) for I/o NYPA Astoria
	6/27/2010	13-23	Derate Greenwood/Staten Island, Gowanus N-Greenwood 138kV (#42231) for I/o TWR:Goethals 22,21,A2253
	6/27/2010	13-19,21	Derate Pleasant Valley-Leeds 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)
	6/27/2010	13,16	Lake Erie Clockwise Circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)
	6/28/2010	14-17	Thunderstorm Alert
	6/28/2010	8-10,13	Derate Gowanus N-Greenwood 138kV (#42231)
	6/28/2010	8-10,13	Derate Gowanus S-Greenwood 138kV (#42232)
	6/28/2010	0,21-23	Derate Greenwood/Staten Island
	6/28/2010	8-10,22	Derate Mott Haven-Dunwoodie 345kV (#72)
	6/28/2010	8	Derate Vernon/Greenwood, Vernon-Greenwood 138kV (#31231)
	6/28/2010	12	PJM DNI Ramp Limit
	6/29/2010	0, 21	NYCA DNI Ramp Limit
	6/29/2010	19	Uprate Central East
	6/29/2010	10-15	Derate Gowanus N-Greenwood 138kV (#42231)
	6/29/2010	10-15	Derate Gowanus S-Greenwood 138kV (#42232)
	6/29/2010	0	Derate Greenwood/Staten Island, Gowanus S-Greenwood 138kV (#42232)
	6/29/2010	10-15	Derate Pleasant Valley-Leeds 345kV (#92) for I/o Athens-Pleasant Valley 345kV (#91)
	6/29/2010	0	NE-NY Scheduling Limit
	6/29/2010	14	Lake Erie Clockwise Circulation, DAM-RTM exceeds 300MW: Central East
	6/29/2010	13-14	Lake Erie Clockwise Circulation, DAM-RTM exceeds 300MW: Leeds-Pleasant Valley 345kV (#91) for I/o Athens-Pleasant Valley 345kV (#92)

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

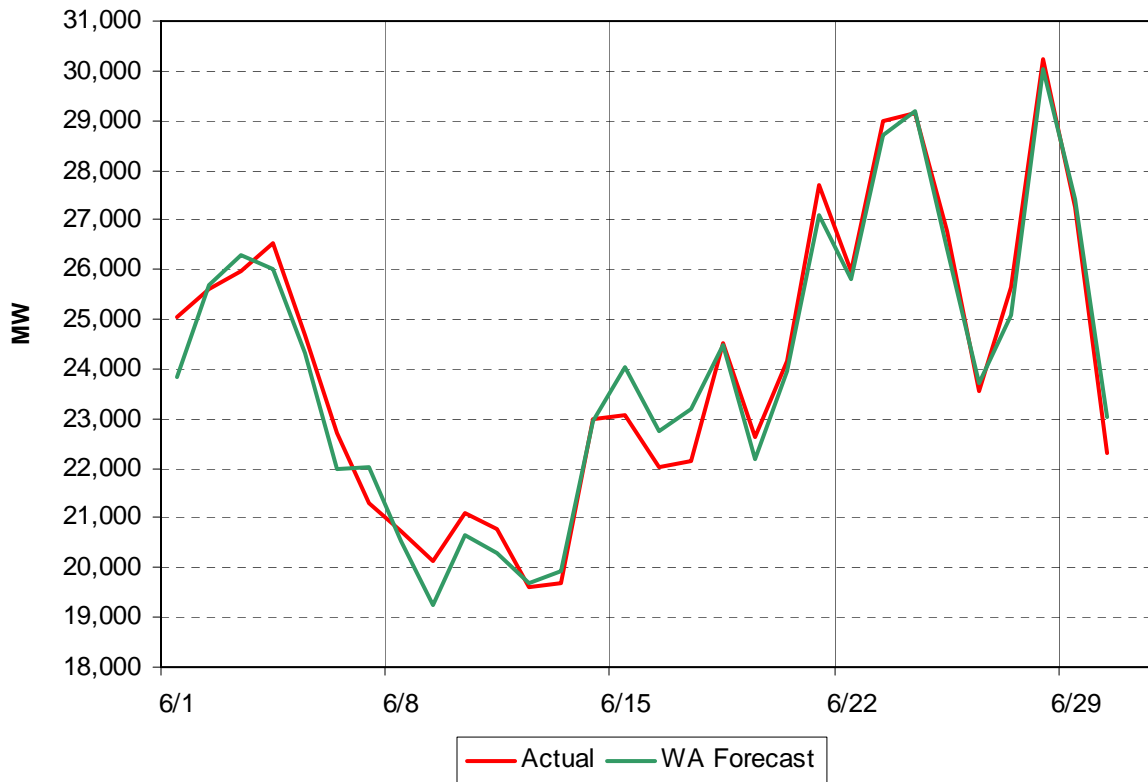
- 1) Storm Watch Costs are identified as daily total uplift costs
- 2) At a minimum those days with \$ 100 K/HR, shortfall of \$200 K/Day or more, or surplus of \$ 100 K/Day or more are investigated
- 3) Uplift costs associated with multiple event types are apportioned equally by hour
- 4) Investigations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



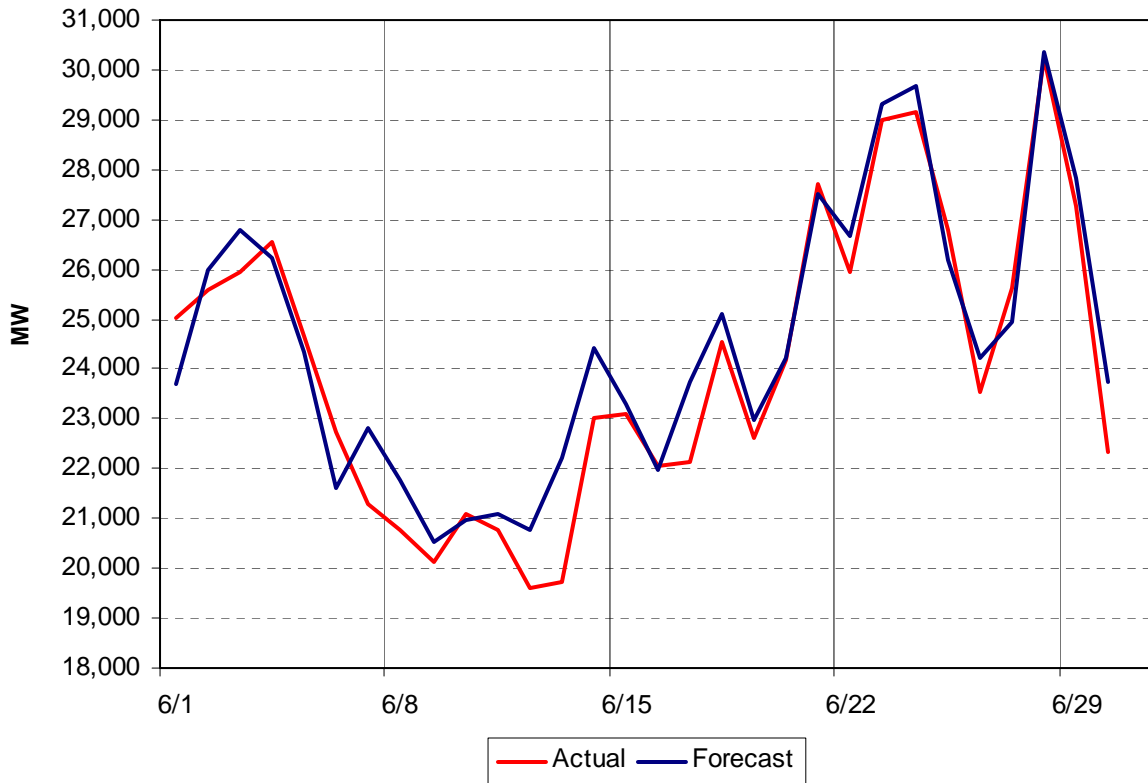
Day-Ahead Market Congestion Residual Categories

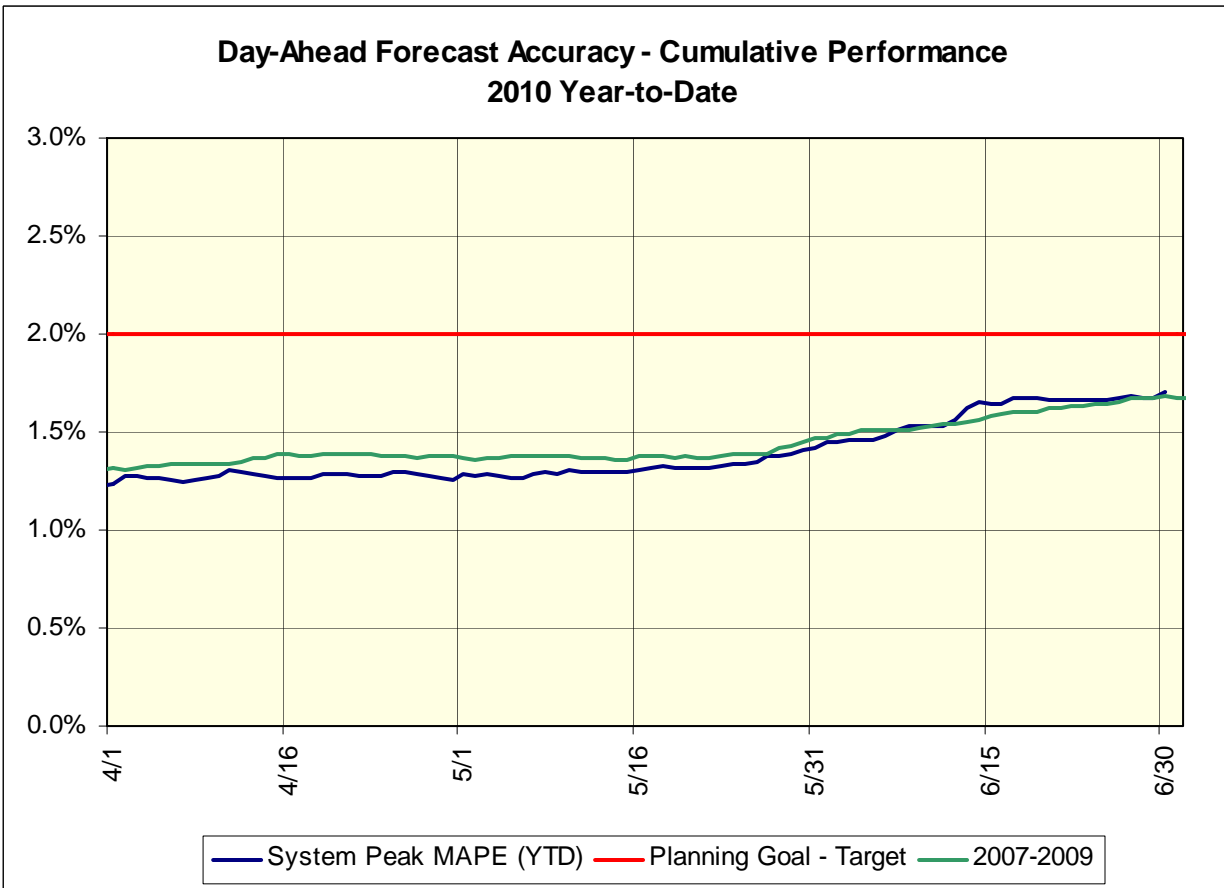
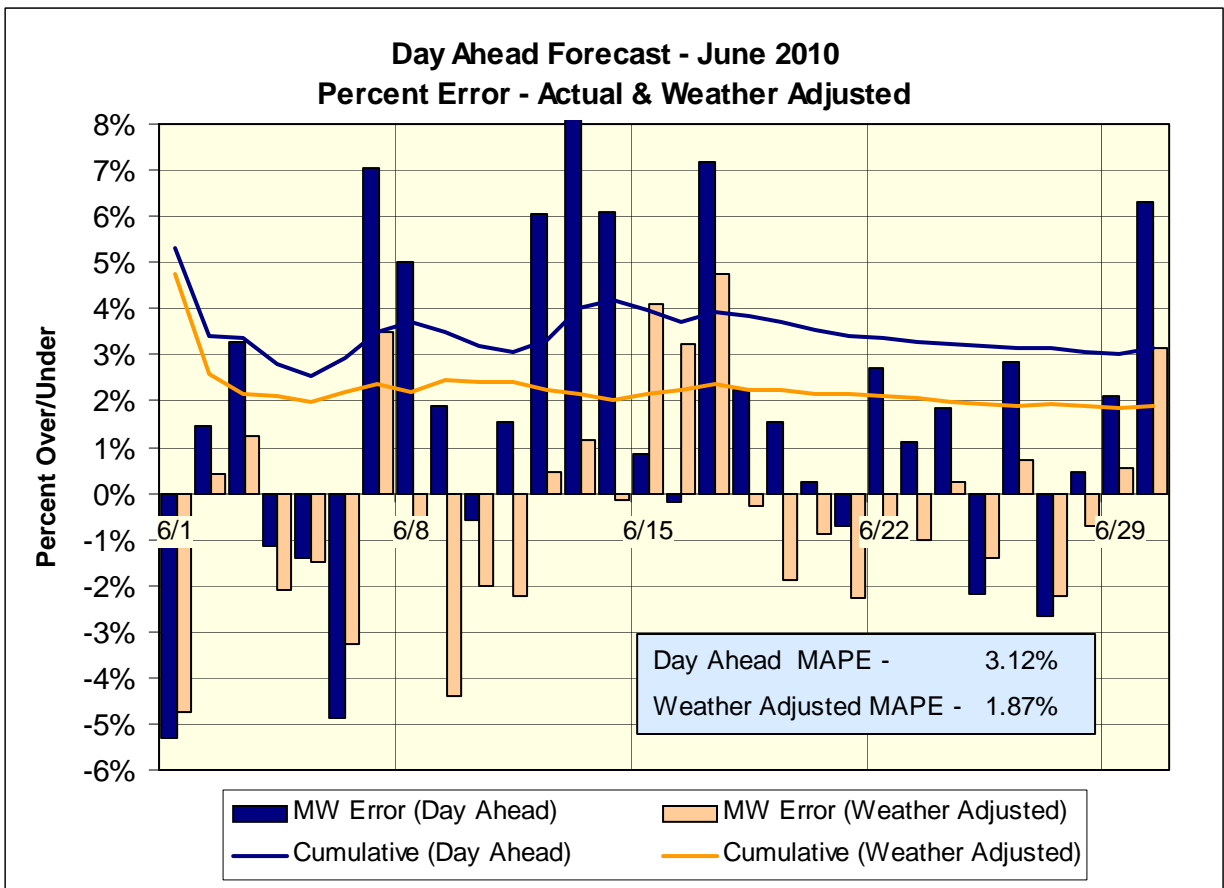
<u>Category</u>	<u>Cost Assignment</u>	<u>Events Types</u>	<u>Event Examples</u>
 NYTO Outage Allocation	Responsible TO	Direct allocation to NYTO's responsible for transmission equipment status change.	DAM scheduled outage for equipment modeled in-service for the TCC Auction.
 Unscheduled Loop Flows	All TO by Monthly Allocation Factor	Residual impact of Lake Erie circulation, MW difference between the DAM and TCC Auction.	Lake Erie Loop Flow Assumptions
 External Outage Allocation	All TO by Monthly Allocation Factor	Direct allocation to transmission equipment status change caused by change in status of external equipment.	Tie line required out-of-service by TO of neighboring control area.
 Central East Commitment Derate	All TO by Monthly Allocation Factor	Reductions in the DAM Central East_VC limit as compared to the TCC Auction limit, which are not associated with transmission line outages.	

**NYISO Daily Peak Load - June 2010
Actual vs Weather-Adjusted Forecast**



**NYISO Daily Peak Load - June 2010
Actual vs Forecast**





Description	Status and Milestone Deliverables
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Auxiliary Market Products	
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Demand Curve Reset	<p>Status: NERA is the consultant performing the demand curve study. This is an ongoing process with many stakeholder discussions planned throughout 2010. NERA is proposing to use the same econometric model for Energy and Ancillary Service revenue as the previous study.</p> <p>Deliverables: Per the Market Services Tariff, the NYISO will be developing new sets of demand curves for the capacity market in 2010, with a requirement to file the new curves with FERC by 11/30/2010.</p>
Demand Response Information System	<p>Status: Phase 1 was successfully deployed in the 4th quarter of 2009 and Phase 2 was completed in March 2010. The remainder of the work is scheduled for 2010. The Market Participant User Interface was successfully deployed in June and the final phase is scheduled to be software ready at the end of the 4th quarter.</p> <p>Deliverables: The Demand Response Information System project is a multi-year project to automate the current core functionality of Registration Processing, Event Notification, and Reporting, as well as the ICAP/SCR Processing and the Event Performance, Management and Settlement Preparation calculations. The project also includes new functionality in Event and Meter Data Management and Marketplace functions.</p>
ICAP Import Rights Modeling-Capabilities for New Interfaces	<p>Status: These software enhancements to the existing ICAP automated system were successfully deployed in March. This project is complete.</p> <p>Deliverables: This project would implement new capability to model external locations to the sub zone level to support any new interfaces including, HQEX, HQ-Cedars, NPX-AC, NPX-CSC, OH-AC, PJM-AC, and PJM-Neptune. Specifically, the project will address:</p> <ul style="list-style-type: none"> • Multiple import rights models at each physical interface • Specific modeling to treat Unforced Capacity Deliverability Rights (UDRs) • Additional flexibility to model and track wheel-throughs • Apportioning of CRIS and ERIS for exports • Monthly adjustment in import limits to account for deliverability rules • Support of buyer-side mitigation as necessary
Demand Response Aggregations in DSASP	<p>Status: Discussions are currently underway with the expectation that market rule changes will be minimal if aggregations are treated in the same manner as individual DSASP resources. Through the course of working group discussions and 2010 Sector Meetings, Market Participants have specifically requested the NYISO to delay proposing a market design until telemetry alternatives can be identified, reviewed and discussed with Market Participants. The Market Design is scheduled to be proposed in the 4th quarter.</p> <p>Deliverables: Based on the NYISO's response to FERC Order 719, NYISO will be investigating the changes needed to accommodate aggregated small demand response resources providing ancillary services (DSASP). The current DSASP program allows individual resource participation through a TO; this project would allow multiple demand response resources to participate in DSASP by providing an aggregate signal through a TO to the NYISO. The primary effort</p>

Description	Status and Milestone Deliverables
	involves discussions with NPCC and the NYSRC on any potential rule changes in their areas.
Final Deliverability Rules	<p>Status: Implementation of the software enhancements is scheduled for 3rd quarter 2010.</p> <p>Deliverables: On the basis of FERC's June 23, 2009 ruling and NYISO's filing on External CRIS Rights due October 2009, there will be additional modifications to the ICAP AMS to implement the rules associated with External CRIS Rights, specifically:</p> <ul style="list-style-type: none"> • Identifying external suppliers, bilateral contracts, and commitments to offer market capacity associated with Long-Term External CRIS Rights • Tracking the duration of rights awards and specific months when offers are required • Imposition of an offer cap (\$/kW-mo); creating and modifying the values associated with the cap • Tracking of offer behavior, and identification of situations where an entity with Long-Term External CRIS Rights is in violation of its commitment • Renewal of Long-Term External CRIS Rights • Transfer of rights to another entity; ability to allow partial MW transfer of rights • Compatibility with existing import rights process for short-term imports
Criteria for New Capacity Zones	<p>Status: The NYISO and its stakeholders will jointly develop the rationale for creating additional capacity zones, which was a recommendation in the 2008 State of the Market report. The Market Design Concept is scheduled for completion in the 4th quarter 2010.</p> <p>Deliverables: Significant modification of the existing code design will be required to provide the flexibility to accommodate the creation and deletion of new capacity zones. Another area that will be addressed is the modeling of imports; all imports are currently modeled into the ROS region, but there will be situations where imports from one external control area will enter multiple NYISO capacity zones.</p>
Capability Period Alignment	<p>Status: The NYISO will work with its stakeholders to develop a Market Design Concept by the end of the 2nd quarter. The Market Design Concept was discussed at a June ICAP working group meeting.</p> <p>Deliverables: The NYISO's Capacity Market Capability Year runs from May through the following April; both ISO-NE's and PJM's capability years begin in June. The misalignment of capability years creates issues for suppliers importing capacity into NY from PJM or ISO-NE for use in the NYISO's strip auction, and also impacts NY LSE IRM/locality requirements. This project will consider the extent of market rule changes, software changes and potential operations procedure changes that would be required to align NY's capability year with those of PJM and ISO-NE.</p>

Description	Status and Milestone Deliverables
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Business Intelligence Products	
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E-Tariff	<p>Status: NYISO partnered with ISO-NE, PJM and SPP to contract with a vendor to develop the software needed for FERC compliance. NYISO is scheduled to be software ready in the 2nd quarter and awaiting confirmation of FERC concurrence with NYISO's proposed timing for an initial baseline filing. The vendor software has been installed and is running in a production environment; NYISO successfully filed its baseline filing at FERC on June 30. This project is complete.</p> <p>Deliverables: This is a project to comply with FERC Order 714 by April 1, 2010. The NYISO must implement a system to electronically manage the submission of all tariff filings with FERC, using a FERC mandated XML format. This project will also involve the migration of both NYISO tariffs from a page-based format to a record-based format and will culminate in an initial baseline filing for each of the two tariffs.</p>
E-Planning Collaboration	<p>Status: NYISO is scheduled to implement the new E-Room for Planning by the end of the 2nd quarter 2010. This project was successfully delivered in June.</p> <p>Deliverables: The interactive collaboration provided by NYISO today for planning studies uses a combination of email, burned CDs and posting to a secured area of the NYISO website. This is difficult to administer and does not provide the robust functionality desired. This project would provide for a new collaborative environment through the use of Microsoft SharePoint.</p>
Non-NYISO Transactions Data Access	<p>Status: The NYISO is currently evaluating the most economic and efficient means of obtaining access to this data. Access to this data is scheduled for delivery in 4th quarter 2010.</p> <p>Deliverables: This data is currently gathered manually on an ad-hoc basis. This project would focus on providing access to data from surrounding control areas to NYISO's Market Mitigation and Analysis Unit. The project will also provide access to the tools necessary to analyze this data.</p>
Intranet Redesign	<p>Status: This project is scheduled for delivery in September 2010.</p> <p>Deliverables: The NYISO has not updated the technological platform or the design of the NYISO Intranet since its inception. This is an internal NYISO project with the purpose of moving the site, which currently exists on outdated technology, to a new technological platform for the benefit of content publishing, ease of navigation and maintenance.</p>

Description	Status and Milestone Deliverables
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Web Posting Enhancements	<p>Status: Web Postings refers to a series of Tibco Business Works processes that generate and publish various CSV, PDF, and HTML files to NYISO's OASIS site (http://mis.nyiso.com/public). These files include zonal and generator pricing data for the Real-Time, Hour-Ahead, and Day-Ahead markets, outage data, interface limits & flows, PAR schedules & flows, actual load and load forecasts, various reports, and other publicly available data used by our Market Participants. There are over 40 postings in total that publish to the site throughout the day. Phase I is scheduled for deployment in 4th quarter of 2010.</p> <p>Deliverables: The Web Posting Enhancement project is a multi-year project with phased deliverables to address the following objectives:</p> <ul style="list-style-type: none"> • Improve reliability and performance of the web posting process • Eliminate dependency on proprietary Tibco technology for Postings • Ensure pricing data quality across NYISO systems with authoritative transactional source for prices and price versions • Improve reliability and greatly simplify DSS price data integration • Address NAESB WEQ-002 posting technical requirements
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Energy Markets Products

Long Term Loop Flow Response-Buy Through Congestion	<p>Status: As a result of the events leading to the 2008 Lake Erie loop flow issues, in 2009 the NYISO, PJM, ISO-NE and MISO identified solutions to the costs imposed on the non scheduling RTO.</p> <p>Deliverables: This project will focus on designing software and rules in conjunction with neighboring control areas to mitigate the effect of loop flows on our systems.</p>
Congestion Management Market Flow Calculator	<p>Status: In late-2006, PJM approached NYISO, interested in developing a program to allow inter-control area dispatch to help manage congestion. PJM has implemented a program with MISO and is currently in the early stages of designing such a program with SPP. In 2007, NYISO initiated discussions with PJM to further understand the MISO program and begin to outline a conceptual straw proposal for a similar program between PJM and NY. NYISO has continued to define the details of a Congestion Management protocol between NYISO and PJM. In 2009, NYISO worked with PJM and NYISO stakeholders to develop a Congestion Management protocol.</p> <p>Deliverables: Before this protocol can be implemented, automated software to calculate the market flow between PJM and NY must be created. In 2010 NYISO will evaluate whether to build or buy software to implement this calculator. Once implemented, NYISO will analyze flows to determine with PJM and NYISO stakeholders the proper basis for compensation.</p>

Description	Status and Milestone Deliverables
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Interregional Transaction Coordination Phase 1-HQ on Dispatch	<p>Status: Currently, energy transactions between the NYCA and other control areas are evaluated economically once for the hour.</p> <p>Deliverables: This project will focus on instituting an intra-hour economic evaluation and scheduling of transactions with neighboring control areas, starting with the HQCA.</p>
Interregional Transaction Coordination Phase 2-Ancillary Services	<p>Status: Currently ancillary services are procured from internal resources only.</p> <p>Deliverables: This project will focus on designing a method to economically evaluate and schedule the reserve and regulation products from neighboring control areas, starting with the HQCA.</p>
Increasing Bids in RT	<p>Status: Currently generators with accepted Day Ahead bids are prohibited from increasing the accepted portion of their bids in the Real Time markets. Circumstances can arise, such as fuel outages or restrictions, which cause the accepted DA bids to no longer be representative of the units' actual costs.</p> <p>Deliverables: This project will allow these resources to represent their new costs in Real Time.</p>
Scheduling & Pricing Phase 4 – Modify Transaction Default Settings	<p>Status: Currently Day Ahead scheduled transactions are carried over into the Real Time market as price takers to insure prioritization, their prices are set to the bid floors. Curtailments of these transactions in Real Time can then lead to an arbitrary price of -\$999.70. This can lead to significant balancing residuals. The required software changes were successfully deployed in March. This project is complete.</p> <p>Deliverables: This project will evaluate the feasibility and appropriateness of modifying this default value and implement this new value.</p>

Finance Products	
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Credit Management System	<p>Status: In 2009, the project delivered functionality for the TCC Market, Credit Infrastructure, Virtual Transactions Market and ICAP Market. In 2010, the project is planned to provide the functionality required to support the (1) Energy and Ancillary Services Market, (2) 2 year TCCs and (3) Market Participant User Interface. Energy, Ancillary Services and 2 year TCCs were successfully deployed in June.</p> <p>Deliverables: Streamline, automate, and integrate the credit management processes through a Credit Management System (CMS) to make the processes more efficient and auditable. The end state vision for this multi-year project is an automated and integrated CMS that provides a real time credit position and settlement results netted across all markets. NYISO and MPs will be able to manage collateral as a portfolio and make business decisions using analytical tools and information through a user interface. In addition, the NYISO will be able to leverage automation to implement credit requirements that are better matched to market risk.</p>
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Description	Status and Milestone Deliverables
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Infrastructure Products

Identity and Access Management	<p>Status: This project continues the roadmap initiated with a 2009 project that enabled support for Microsoft-based applications for market participants.</p> <p>Deliverables: This multi-year project will deliver a foundation for enterprise-wide identity and access management to achieve compliance. Technical controls and workflows will manage employee user identities and access rights to widely used critical cyber assets defined by NERC CIP. The solution will provide reporting and visibility to current access entitlements and immediate revocation of rights on employee exit.</p>
Data Warehouse Platform Evolution	<p>Status: With data intensive initiatives, NYISO requires a high performance scalable cost effective data warehouse platform. The Netezza data warehouse appliance will allow NYISO IT to deliver business intelligence projects faster, greatly increase reporting performance and make data available sooner for reporting.</p> <p>Deliverables: NYISO will migrate the existing datamarts to the new platform in 2010 to achieve business and technical benefits for current and planned DSS development efforts.</p>
Shared Governance Voting Software	<p>Status: The ISO Agreement requires that the NYISO facilitate a voting process as defined in the Agreement. This voting process is currently conducted via a laptop spreadsheet program (Lotus 1-2-3), which was developed at the inception of the NYISO. The existing voting program presents some risk to the NYISO as it based upon unsupported software and has no provisions for change management. This project was delivered on time in March. This project is complete.</p> <p>Deliverables: This project will replace the existing software with a more robust and reliable application. The new application will provide flexibility to adapt to potential changes in the future, while also providing a reliable and supportable platform.</p>

Operations and Reliability Products

Reference Level Software	<p>Status: This is a continuation of a multi-phased project focusing on the next generation of the Reference Level Software. In 2009 NYISO developed detailed requirements and a design. Implementation is scheduled for September 2010.</p> <p>Deliverables: 2010 will focus on building and implementing the new Reference Level Software, as well as implementing required changes in other existing NYISO applications, e.g. MIS. It is critical that the NYISO continue to address several identified issues with the calculation and management of the reference price process, and to automate several manual processes related to the reference price process. NYISO will also certify that the reference level calculations are in compliance with required tariffs through an independent validation of application results. The certification will be completed prior to deploying the Reference Level Software to production.</p>
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Description	Status and Milestone Deliverables
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Wind Management Evolution – Meteorological Data Submission	<p>Status: As more generation from wind resources is added to the system, it becomes increasingly important for NYISO to have strong tools at its disposal to manage these resources in a reliable manner. The NYISO has begun achieving that goal by implementing an intelligent wind power forecasting program, and a process to dispatch wind resources using an economic evaluation. Additionally, NYISO conducted a study assessing the implications of large wind integration in New York, including the impacts on market rules, grid reliability, system cost, and ancillary services.</p> <p>Deliverables: This project will continue expanding NYISO's ability to effectively and reliably manage wind power integration into the NY Bulk Power Grid by providing NYISO operations with tools to enhance their ability to see significant wind ramp events before they occur through the enhanced collection of meteorological data from each wind resource.</p>
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Outage Scheduler Phase III	<p>Status: Transmission and generator outage information is submitted to the NYISO by telephone, email, and/or fax. NYISO scheduling staff then approves or disapproves the outage request and manually enters the information into a proprietary database that exists outside of the Ranger operating environment. This proprietary database is used to produce required operating and market facing outage schedule reports. Phase 1 was successfully deployed in January 2009. Phase 2 was deployed in October 2009 and included integration with Ranger and automation of external interfaces. Phase 3 is scheduled for 2010.</p> <p>Deliverables: This multi-phased project includes the replacement of the proprietary database, as well as automation of the manual processes to enter, manage and track outage information. This project also includes the automation and integration with Ranger, and the implementation of user-friendly web interfaces for TOs and Generators to submit outage requests and forced outage data.</p>
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Planning and TCC Market Product Enhancements
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TCC Auction Enhancement Features - Phase I	<p>Status: NYISO has engaged stakeholders in discussions regarding desired functionality in the end state. Specifically, the following functionality will be addressed as part of Phase 1:</p> <ul style="list-style-type: none"> • Seasonal Auction Changes (An important feature of the end state auction engine is that it can simultaneously evaluate bids and offers for TCCs of multiple durations, permitting the NYISO to sell six-month and annual TCCs within the same auction round, and add auctions of TCCs additional durations, without extending the length of the auction). • Monthly Auction Changes (The ability of the end-state auction to simultaneous sell or reconfigure TCCs of multiple durations would enable the NYISO to expand its monthly auctions to reconfiguration auctions not only covering the next month, but the remainder of the capability period or the remainder of the year). • Expanding the availability of LTFTRs (per FERC's Order) to LSEs that seek to use non-historic points of injection and withdrawal as well as making LTFTRs available to non-LSEs. <p>NYISO successfully delivered functionality supporting Offers in Any Round in June.</p>
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Description	Status and Milestone Deliverables
	<p>Deliverables: This is a multi-year project to provide for TCC Auction 'End State' functionality to include:</p> <ul style="list-style-type: none"> • Remove restrictions on TCC sales in non-reconfiguration rounds in capability period auctions by providing the opportunity to sell TCCs in any round • Implement Multi Duration Capability Period Auctions • Balance of period (BOP) TCCs; revised structure of the monthly auctions
CARIS Voting Software	<p>Status: This project will provide NYISO with improved ability to meet CARIS requirements as outlined in NYISO's Compliance filing, Docket No. OA08-52-000, Section II, 6. & 7. and, Attachment Y of the OATT, Section 15.6 in support of FERC Order 890. This software will support the CARIS voting process.</p> <p>Deliverables: The CARIS voting software needs to automate the process of LSE project voting allowing for tracking results of the planning process for CARIS. Deliverables include:</p> <ul style="list-style-type: none"> ➤ An internal user interface for the NYISO Planning group to allow for customizing the LSE voting list by zone, and with respective weighting share for each CARIS project proposed ➤ Ability to determine the vote weight of each LSE based on project criteria ➤ Calculate the overall weighted LSE affirmative votes to two decimal places

Summary Description of FERC Regulatory Filings, Investigations and Rulemakings and Related Orders in NYISO Matters June 2010

Filing Date	Filing Summary	Docket	Order Date	Order Summary	Outcome
11/13/09	NYISO and Transmission Owners made a joint tariff filing to implement a funding mechanism for recovery of that portion of the cost of Highway System Deliverability Upgrades	ER04-449-018, ER04-449-021	06/17/10	FERC order accepting compliance filing of new OATT Rate Schedule 12, Rate Mechanism for the Recovery of the Highway Facility Charge	Accepted
05/20/10	NYISO Filed a Compliance Filing Regarding Adding Provisions to its Services Tariff to Clarify That Customers Who Violate the FERC Rules Against Electric Energy Market Manipulation also Violate the NYISO's Services Tariff	ER10-119-001	06/24/10	FERC letter order accepting compliance filing effective 12/27/99	Accepted
06/2/10	NYISO Compliance filing in response to the Commission's May 6, 2010 order, informing the Commission that Tariff revisions the NYISO filed on February 18, 2010 also address the requirements of the Commission's May 6, 2010 Order	ER09-1142-007	06/28/10	FERC letter order stating that NYISO's 6/2/10 letter demonstrates that its 2/18/10 compliance filing in another docket (ER09-1142-005) satisfactorily complies with the directive of FERC's 5/6/10 order in ER09-1142-004	Accepted
06/3/10	NYISO filing of Motion to modify the deadline for answers and comments to the May 27, 2010 Ravenswood complaint	EL10-70-000			
06/8/10	NYISO Comments in Response to the FERC Technical Conference on Proposed Rulemaking on credit Reforms in Organized Electric Markets	RM10-13-000			
06/10/10	NYISO Motion to Intervene and Request for Extension of Time and Expedited Action for Response to the TC	ER10-1359-000	06/17/10	FERC Notice granting extension of time for filing motions to intervene or protest until July 2, 2010 in Ravenswood complaint case	Accepted

Filing Date	Filing Summary	Docket	Order Date	Order Summary	Outcome
	Ravenswood, LLC ("Ravenswood") May 27, 2010 application to implement a "Minimum Oil Burn Service Cost of Service Recovery Rate Schedule."				
06/10/10	NYISO Motion for Extension of Time and for Shortened Notice and Comments Period and for Expedited Action Regarding Rate Schedule M-1	ER09-1682-000, ER09-1682-004, ER09-1682-005	06/11/10	FERC notice shortening answer period to and including 6/15/10	
06/16/10	NYISO Filed for an extension of time to submit the informational report on the NYISO's centralized wind forecasting program directed by the Commission's June 17, 2008 order	ER08-850-000			
06/21/10	Joint filing of LGIA among NYISO, NiMo, and Jordanville Wind	ER10-1507-000			
06/21/10	NYISO filing of request for clarification on FERC's May 20, 2010 order re In-City ICAP	EL07-39-004, EL07-39-005, ER08-695-002, ER08-695-002			
06/28/10	NYISO filing of answer to the Complaint of TC Ravenswood on Minimum Oil Burn Compensation	EL10-70-000			
06/30/10	NYISO baseline electronic tariff filing using eTariff software	ER10-1657-000			