



# Monthly Report

**January 2006**

**John Buechler**

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# Market Performance Highlights for January 2006

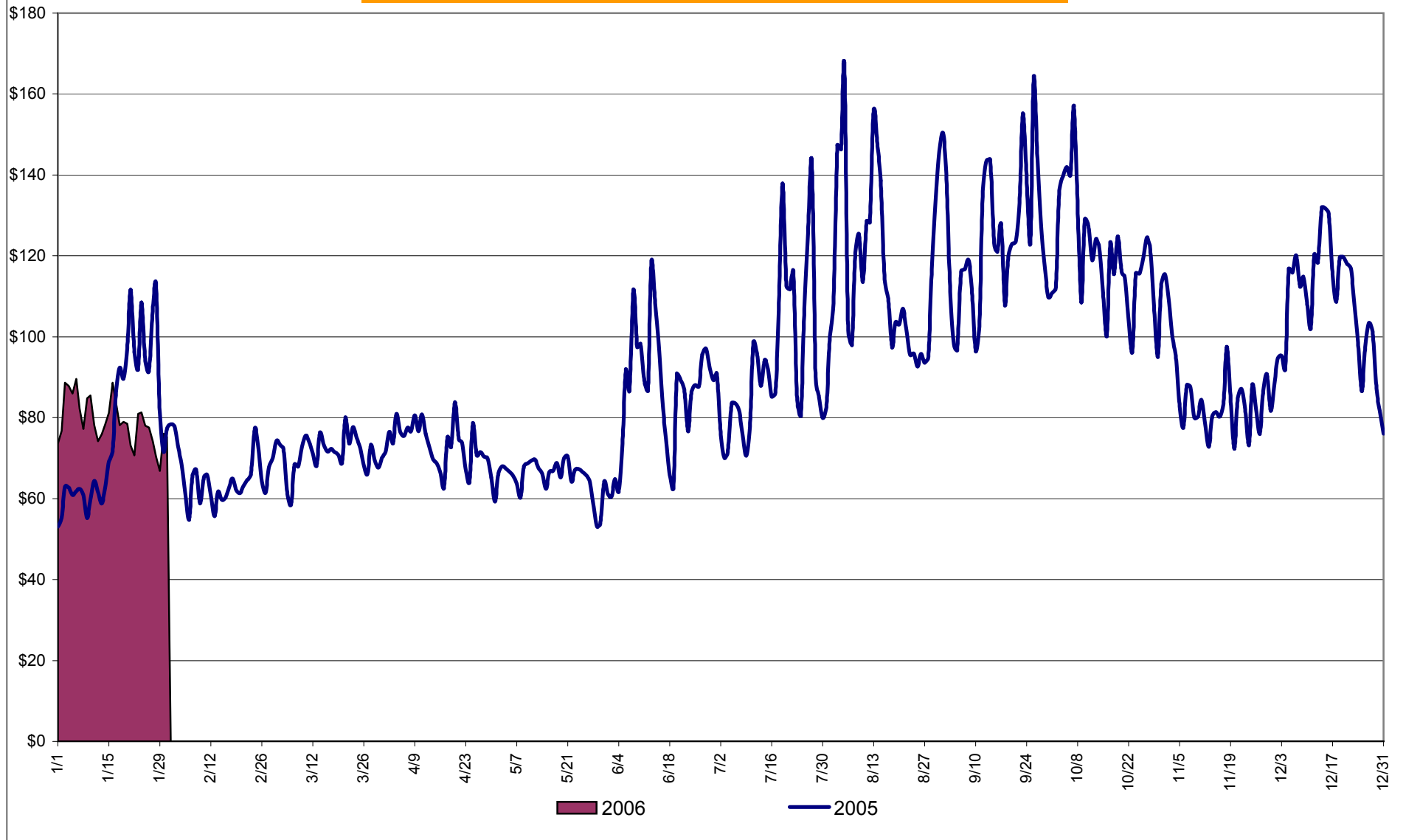
- NYISO LBMP and Average Cost have decreased this month relative to December 2005.
  - LBMP for January is \$77.14/MWh, down from \$106.11/MWh in December.
  - Average cost is \$79.46/MWh, down from \$108.85/MWh in December.
  - Both Day Ahead and Real Time LBMPs have decreased this month.
- Fuel prices are mixed this month with only Gas prices showing a large change: gas prices are down almost 33%.
  - Kerosene is \$13.78/mmBTU, up from \$13.58/mmBTU in December
  - No. 2 Fuel Oil is \$12.47/mmBTU, up from \$12.13/mmBTU in December
  - Natural Gas is \$9.43/mmBTU, down from \$14.05/mmBTU in December
  - No. 6 Fuel Oil is \$8.47/mmBTU, down from \$8.89/mmBTU in December
- Uplift has decreased this month relative to both December 2005 and January 2005.
  - Uplift (not including NYISO cost of operations) is \$(0.07)/MWh, down from \$0.17/MWh in December.

# Daily NYISO Average Cost/MWh (Energy & Ancillary Services)\*

2005 Annual Average \$93.89/MWh

January 2005 YTD Average \$79.70/MWh

January 2006 YTD Average \$79.46/MWh



\* Excludes ICAP payments.

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

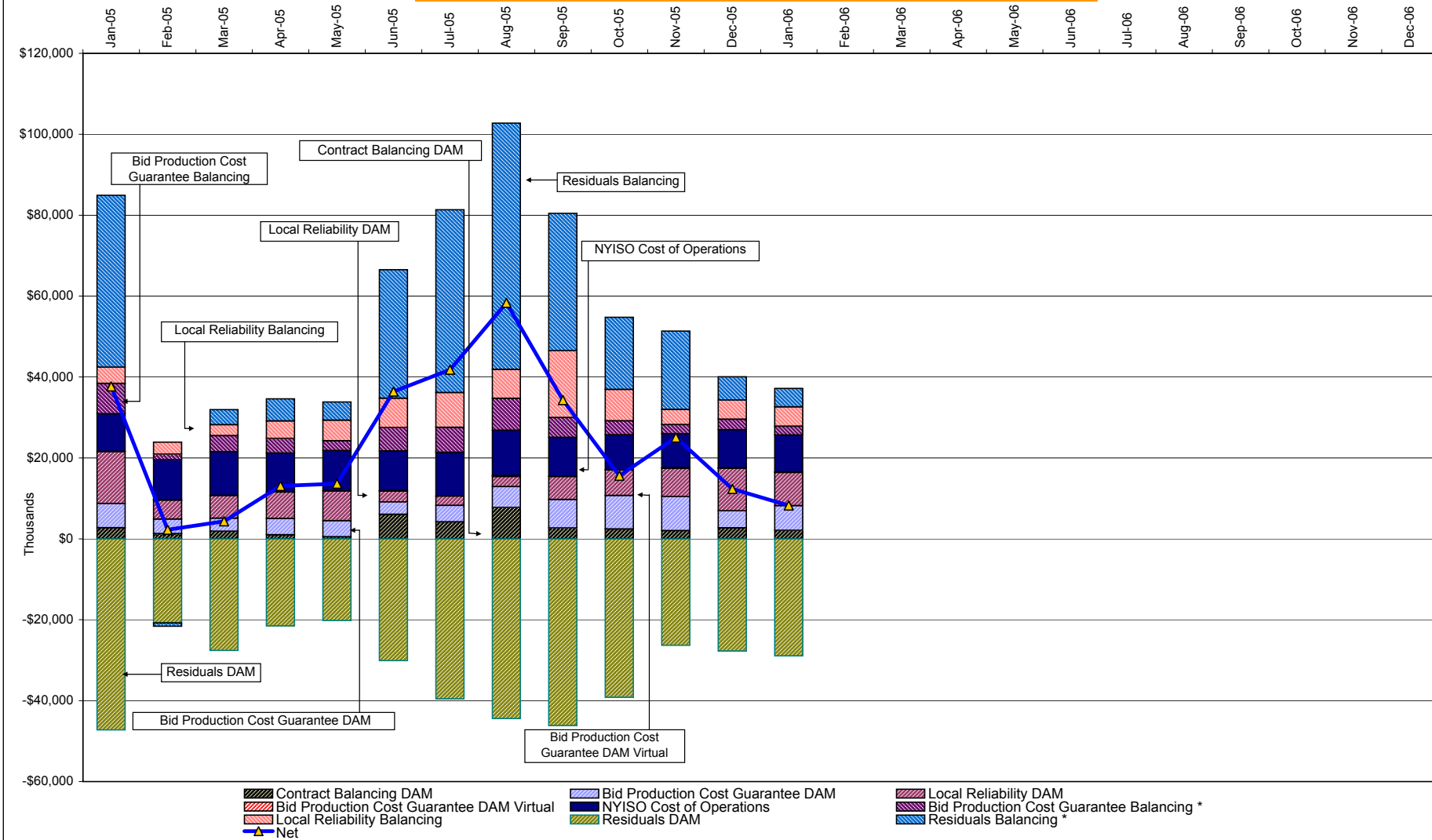
<b>2006</b>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	77.14											
NTAC	0.47											
Reserve	0.35											
Regulation	0.56											
NYISO Cost of Operations	0.64											
Uplift	(0.07)											
Voltage Support and Black Start	0.36											
<b>Avg Monthly Cost</b>	<b>79.46</b>											
Avg YTD Cost	79.46											

<b>2005</b>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
LBMP	75.70	64.03	69.95	71.28	63.13	84.83	92.42	115.19	122.40	118.56	82.00	106.11
NTAC	0.42	0.36	0.23	0.49	0.40	0.58	0.46	0.25	0.10	0.03	0.39	0.64
Reserve	0.24	0.08	0.17	0.21	0.20	(0.01)	0.11	0.02	0.31	0.54	0.34	0.38
Regulation	0.32	0.40	0.34	0.22	0.25	0.20	0.15	0.06	0.41	0.64	0.70	0.53
NYISO Cost of Operations	0.63	0.79	0.79	0.79	0.79	0.63	0.63	0.63	0.63	0.63	0.63	0.63
Uplift	1.99	(0.59)	(0.47)	0.29	0.30	1.85	1.95	2.76	1.68	0.52	1.26	0.17
Voltage Support and Black Start	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
<b>Avg Monthly Cost</b>	<b>79.70</b>	<b>65.45</b>	<b>71.38</b>	<b>73.67</b>	<b>65.46</b>	<b>88.48</b>	<b>96.09</b>	<b>119.29</b>	<b>125.93</b>	<b>121.32</b>	<b>85.72</b>	<b>108.85</b>
Avg YTD Cost	79.70	73.25	72.61	72.86	71.56	74.91	78.90	85.52	90.31	93.10	92.53	93.89

\* Excludes ICAP payments.

These numbers reflect the rebilling of prior periods.

## NYISO Dollar Flows - Uplift - OATT Schedule 1 components



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 are revenue charged or returned to customers due to the under or over collection of funds. On this chart, negative values represent funds returned to Transmission Customers (through Transmission Owners' Transmission Service Charges).

\* Effective November 2005 codes 81305 and 81312 have been re-categorized from BPCG Balancing to Residuals Balancing so as to better reflect their uplift type (see 4-AF) .

All months have been adjusted accordingly.

# NYISO Markets Transactions

2006	January	February	March	April	May	June	July	August	September	October	November	December
<b>Day Ahead Market MWh</b>	13,877,416											
DAM LSE Internal LBMP Energy Sales	46%											
DAM External TC LBMP Energy Sales	4%											
DAM Bilateral - Internal Bilaterals	47%											
DAM Bilateral - Import/Non-LBMP Market Bilaterals	2%											
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%											
DAM Bilateral - Wheel Through Bilaterals	0%											
<b>Balancing Energy Market MWh</b>	300,904											
Balancing Energy LSE Internal LBMP Energy Sales	3%											
Balancing Energy External TC LBMP Energy Sales	86%											
Balancing Energy Bilateral - Internal Bilaterals	5%											
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	2%											
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	1%											
Balancing Energy Bilateral - Wheel Through Bilaterals	4%											
<b>Transactions Summary</b>												
LBMP	51%											
Internal Bilaterals	46%											
Import Bilaterals	2%											
Export Bilaterals	1%											
Wheels Through	0%											
<b>Market Share of Total Load</b>												
Day Ahead Market	97.9%											
Balancing Energy +	2.1%											
Total MWh	14,178,320											
Average Daily Energy Sendout/Month GWh	439											

2005	January	February	March	April	May	June	July	August	September	October	November	December
<b>Day Ahead Market MWh</b>	14,281,481	12,510,148	13,410,579	12,215,628	12,773,478	14,981,363	16,344,465	16,587,663	14,706,243	13,309,658	12,893,992	14,418,648
DAM LSE Internal LBMP Energy Sales	48%	49%	52%	52%	45%	50%	53%	52%	49%	46%	45%	46%
DAM External TC LBMP Energy Sales	3%	1%	1%	1%	3%	3%	3%	4%	6%	4%	4%	5%
DAM Bilateral - Internal Bilaterals	47%	48%	45%	44%	50%	44%	42%	42%	43%	47%	48%	46%
DAM Bilateral - Import/Non-LBMP Market Bilaterals	1%	1%	1%	0%	0%	1%	1%	1%	2%	2%	2%	2%
DAM Bilateral - Export/Non-LBMP Market Bilaterals	1%	1%	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%
DAM Bilateral - Wheel Through Bilaterals	1%	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%
<b>Balancing Energy Market MWh</b>	414,096	123,162	329,431	58,175	-101,200	582,604	796,586	1,107,346	544,610	384,383	365,677	515,733
Balancing Energy LSE Internal LBMP Energy Sales	77%	-39%	22%	-336%	-307%	46%	73%	73%	33%	4%	-15%	41%
Balancing Energy External TC LBMP Energy Sales	43%	161%	77%	463%	208%	45%	23%	21%	51%	93%	100%	49%
Balancing Energy Bilateral - Internal Bilaterals	-13%	-9%	7%	-27%	5%	5%	6%	6%	13%	4%	13%	11%
Balancing Energy Bilateral - Import/Non-LBMP Market Bilaterals	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Balancing Energy Bilateral - Export/Non-LBMP Market Bilaterals	1%	0%	0%	2%	2%	1%	1%	0%	0%	1%	1%	1%
Balancing Energy Bilateral - Wheel Through Bilaterals	-8%	-13%	-5%	-2%	-8%	3%	-2%	1%	3%	-1%	2%	-1%
<b>Transactions Summary</b>												
LBMP	53%	51%	54%	54%	47%	54%	58%	58%	56%	52%	50%	52%
Internal Bilaterals	45%	47%	44%	44%	50%	43%	40%	39%	42%	45%	47%	45%
Import Bilaterals	1%	1%	1%	0%	0%	1%	1%	1%	1%	2%	2%	2%
Export Bilaterals	1%	1%	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%
Wheels Through	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
<b>Market Share of Total Load</b>												
Day Ahead Market	97.2%	99.0%	97.6%	99.5%	100.8%	96.3%	95.4%	93.7%	96.4%	97.2%	97.2%	96.5%
Balancing Energy +	2.8%	1.0%	2.4%	0.5%	-0.8% *	3.7%	4.6%	6.3%	3.6%	2.8%	2.8%	3.5%
Total MWh	14,695,577	12,633,310	13,740,011	12,273,803	12,672,278	15,563,968	17,141,051	17,695,009	15,250,854	13,694,041	13,259,669	14,934,381
Average Daily Energy Sendout/Month GWh	462	447	433	399	395	501	536	549	478	418	419	454

+ 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 2006 Energy Statistics**

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>DAY AHEAD LBMP</u></b>												
Price *	\$73.28											
Standard Deviation	\$15.03											
Load Weighted Price **	\$75.09											
<b><u>RTC *** LBMP</u></b>												
Price *	\$70.25											
Standard Deviation	\$26.63											
Load Weighted Price **	\$71.94											
<b><u>REAL TIME LBMP</u></b>												
Price *	\$70.91											
Standard Deviation	\$31.34											
Load Weighted Price **	\$73.18											
Average Daily Energy Sendout/Month GWh	439											

### **NYISO Markets 2005 Energy Statistics**

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>DAY AHEAD LBMP</u></b>												
Price *	\$69.55	\$61.04	\$67.17	\$68.14	\$59.59	\$75.49	\$83.75	\$102.33	\$115.47	\$110.99	\$78.56	\$101.24
Standard Deviation	\$23.42	\$12.00	\$12.49	\$14.20	\$13.39	\$22.85	\$24.32	\$31.65	\$32.31	\$28.39	\$21.07	\$26.32
Load Weighted Price **	\$72.26	\$62.42	\$68.61	\$69.92	\$61.44	\$79.64	\$88.09	\$107.34	\$120.22	\$115.20	\$81.05	\$104.27
<b><u>RTC *** LBMP</u></b>												
Price *	\$74.47	\$55.93	\$70.40	\$69.92	\$61.59	\$85.42	\$94.96	\$129.60	\$116.00	\$108.53	\$74.02	\$94.86
Standard Deviation	\$44.64	\$16.80	\$26.13	\$23.51	\$59.20	\$62.91	\$68.35	\$116.09	\$44.35	\$42.95	\$33.43	\$40.18
Load Weighted Price **	\$77.48	\$57.10	\$72.12	\$71.72	\$64.16	\$90.25	\$100.76	\$138.00	\$120.72	\$112.25	\$76.57	\$97.73
<b><u>REAL TIME LBMP</u></b>												
Price *	\$70.25	\$57.57	\$68.04	\$64.95	\$57.20	\$77.75	\$90.48	\$122.21	\$114.94	\$110.90	\$74.62	\$94.16
Standard Deviation	\$31.79	\$20.48	\$32.50	\$26.06	\$42.34	\$55.70	\$72.95	\$103.00	\$42.92	\$55.35	\$36.61	\$40.67
Load Weighted Price **	\$73.26	\$58.86	\$69.88	\$66.77	\$59.04	\$83.96	\$96.82	\$130.69	\$120.36	\$115.69	\$77.51	\$97.64
Average Daily Energy Sendout/Month GWh	462	447	433	399	395	501	536	549	478	418	419	454

\* Average zonal load weighted prices.

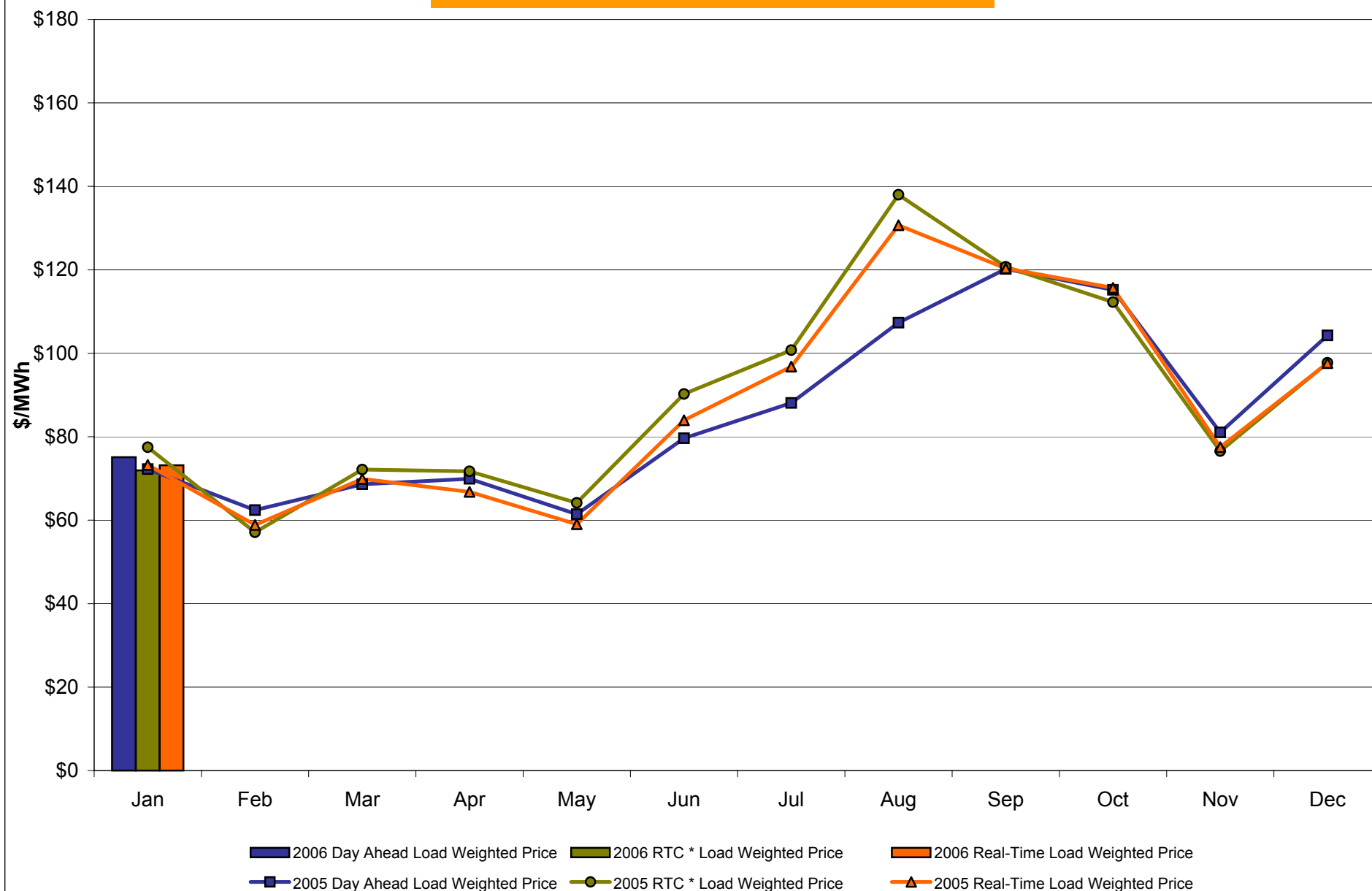
\*\* Average zonal load weighted prices, load weighted in each hour.

\*\*\* Referred to as RTC beginning February 2005.

Prior to February 2005 known as BME or Hour Ahead Market (HAM).



## NYISO Monthly Average Internal LBMPs 2005 - 2006



\* Referred to as RTC beginning February 2005.  
Prior to February 2005 known as BME or Hour Ahead Market (HAM).

**January 2006 Zonal LBMP Statistics for NYISO (\$/MWh)**

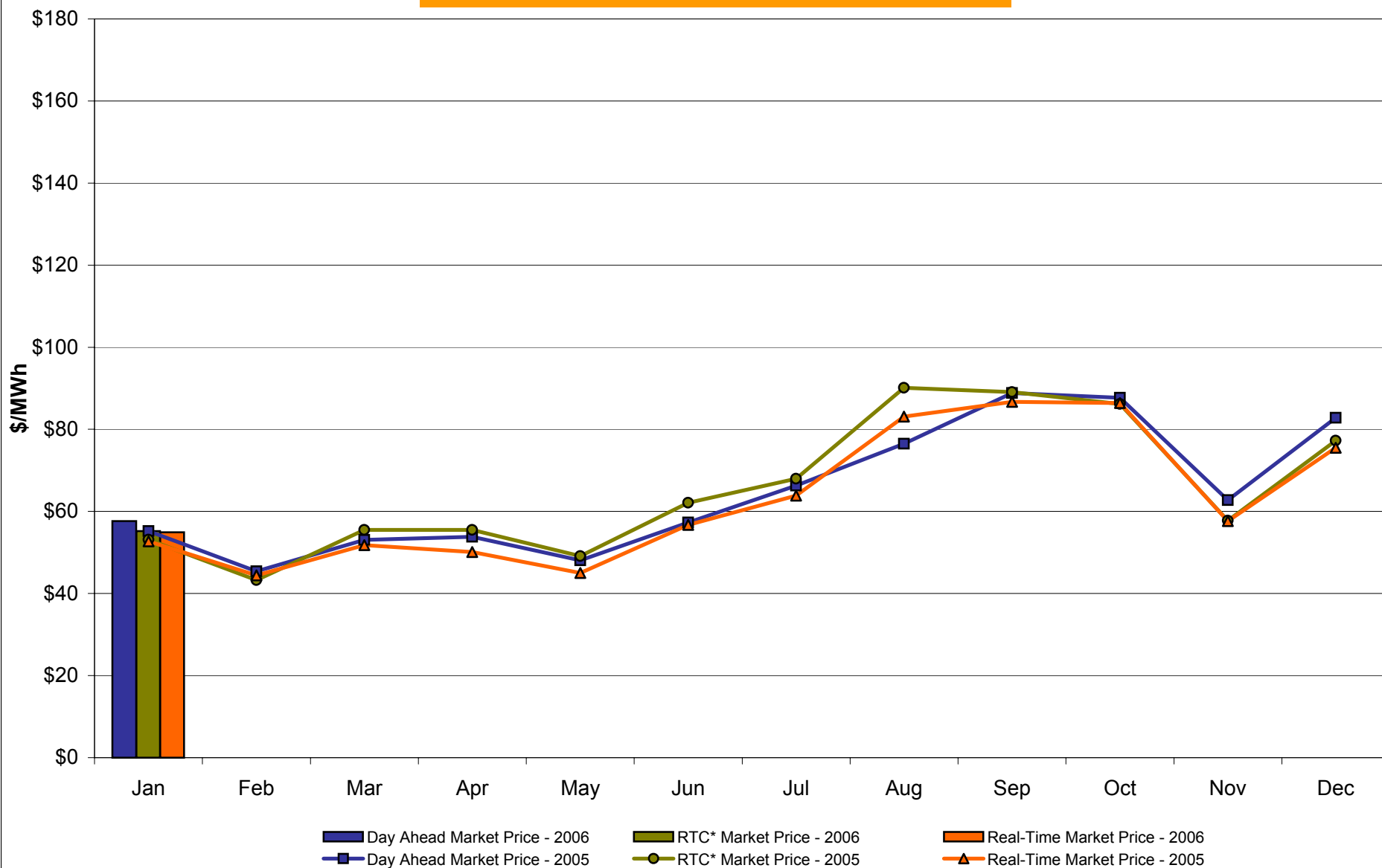
	WEST Zone A	GENESEE Zone B	NORTH Zone D	CENTRAL Zone C	MOHAWK VALLEY Zone E	CAPITAL Zone F	HUDSON VALLEY Zone G	MILLWOOD Zone H	DUNWOODIE Zone I	NEW YORK CITY Zone J	LONG ISLAND Zone K
DAY AHEAD LBMP											
Unweighted Price *	57.62	62.15	65.65	65.12	67.43	73.00	73.78	74.37	74.57	77.89	90.13
Standard Deviation	11.94	13.03	13.26	13.79	14.23	16.11	16.47	16.70	16.63	18.00	13.48
RTC** LBMP											
Unweighted Price *	55.22	58.48	62.39	61.88	64.05	70.36	70.94	71.23	71.31	76.35	83.59
Standard Deviation	21.37	22.58	23.32	23.28	24.08	33.56	29.97	30.22	30.17	32.45	28.33
REAL TIME LBMP											
Unweighted Price *	54.93	58.17	61.87	61.55	63.63	71.04	71.32	71.62	71.68	77.68	86.23
Standard Deviation	26.33	28.29	29.25	28.91	30.05	37.88	34.88	35.13	35.07	37.53	33.43
	ONTARIO IESO	HYDRO QUEBEC	PJM	NEW ENGLAND	CROSS SOUND CABLE Controllable Line						
DAY AHEAD LBMP											
Unweighted Price *	56.03	66.11	61.92	73.04	89.88						
Standard Deviation	11.35	13.06	13.85	16.03	12.85						
RTC** LBMP											
Unweighted Price *	50.17	58.56	53.67	66.27	69.71						
Standard Deviation	14.91	75.19	15.98	17.46	105.60						
REAL TIME LBMP											
Unweighted Price *	53.05	60.81	55.50	71.51	84.87						
Standard Deviation	25.94	28.43	24.00	35.58	33.86						

\* Straight zonal LBMP averages

\*\* Referred to as RTC beginning February 2005

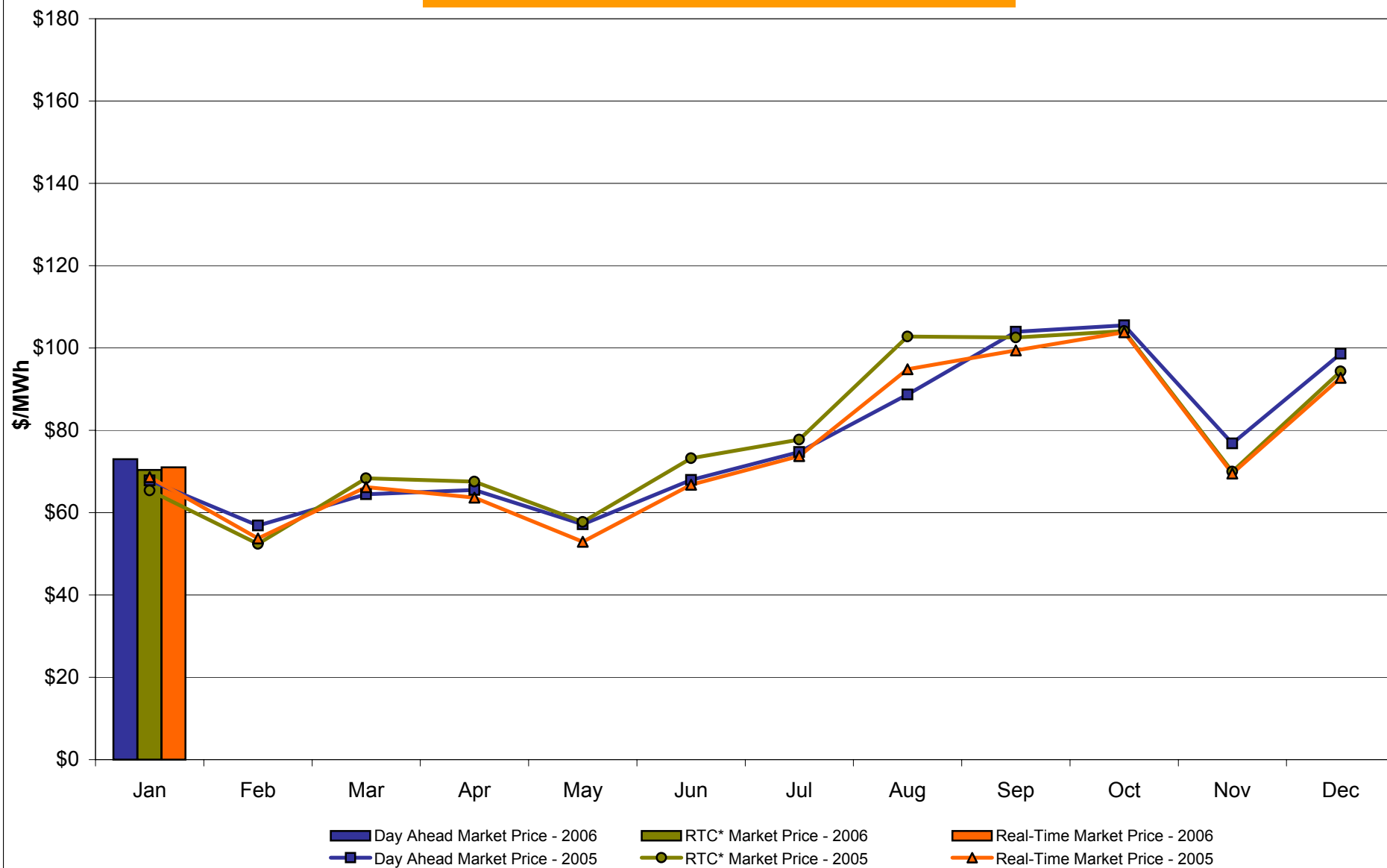
Prior to February 2005 known as BME or Hour Ahead Market (HAM)

## West Zone A Monthly Average LBMP Prices 2005 - 2006



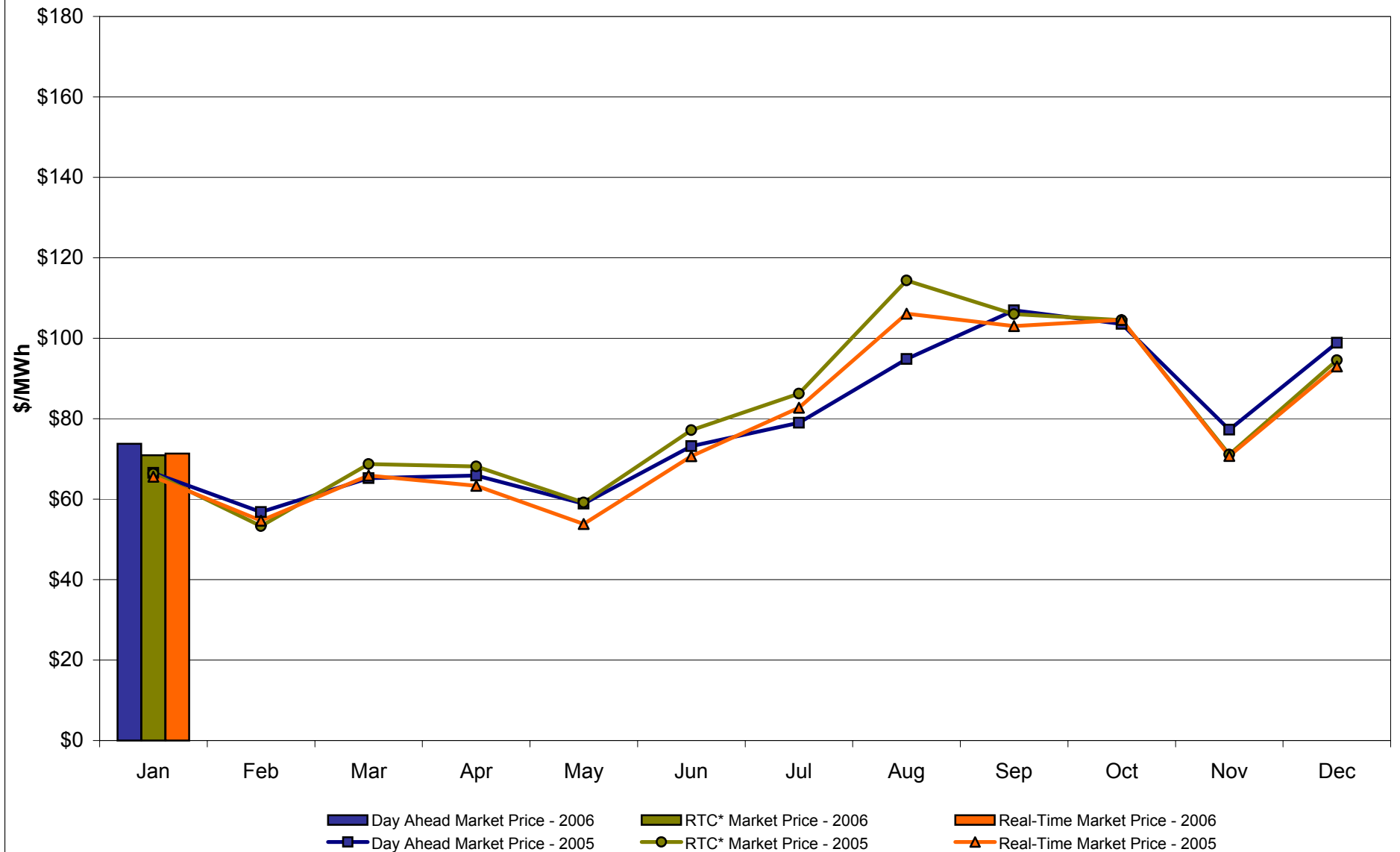
\* Referred to as RTC beginning February 2005.  
Prior to February 2005 known as BME or Hour Ahead Market (HAM).

# **Capital Zone F** **Monthly Average LBMP Prices 2005 - 2006**



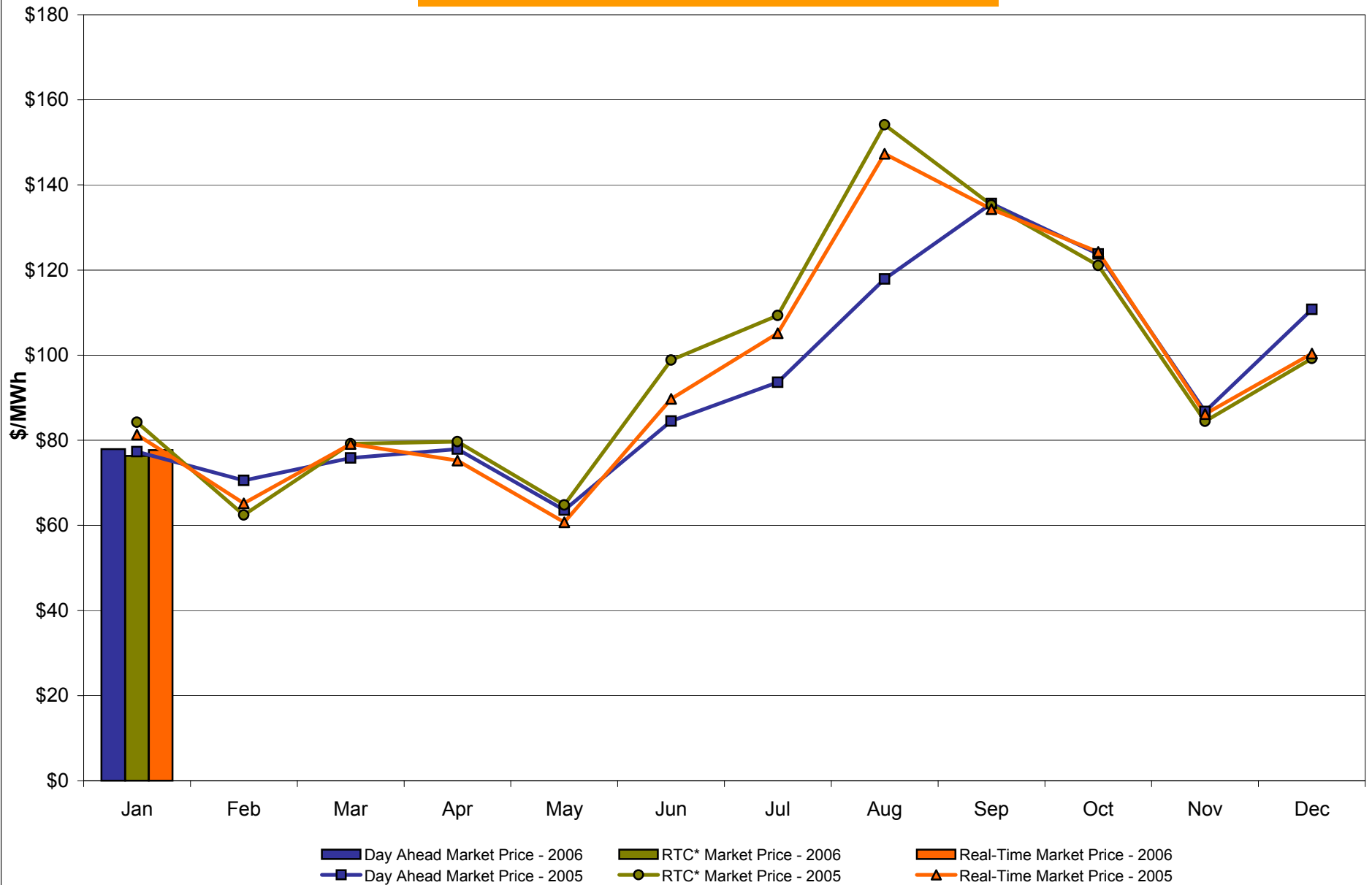
\* Referred to as RTC beginning February 2005.  
 Prior to February 2005 known as BME or Hour Ahead Market (HAM).

# Hudson Valley Zone G Monthly Average LBMP Prices 2005 - 2006



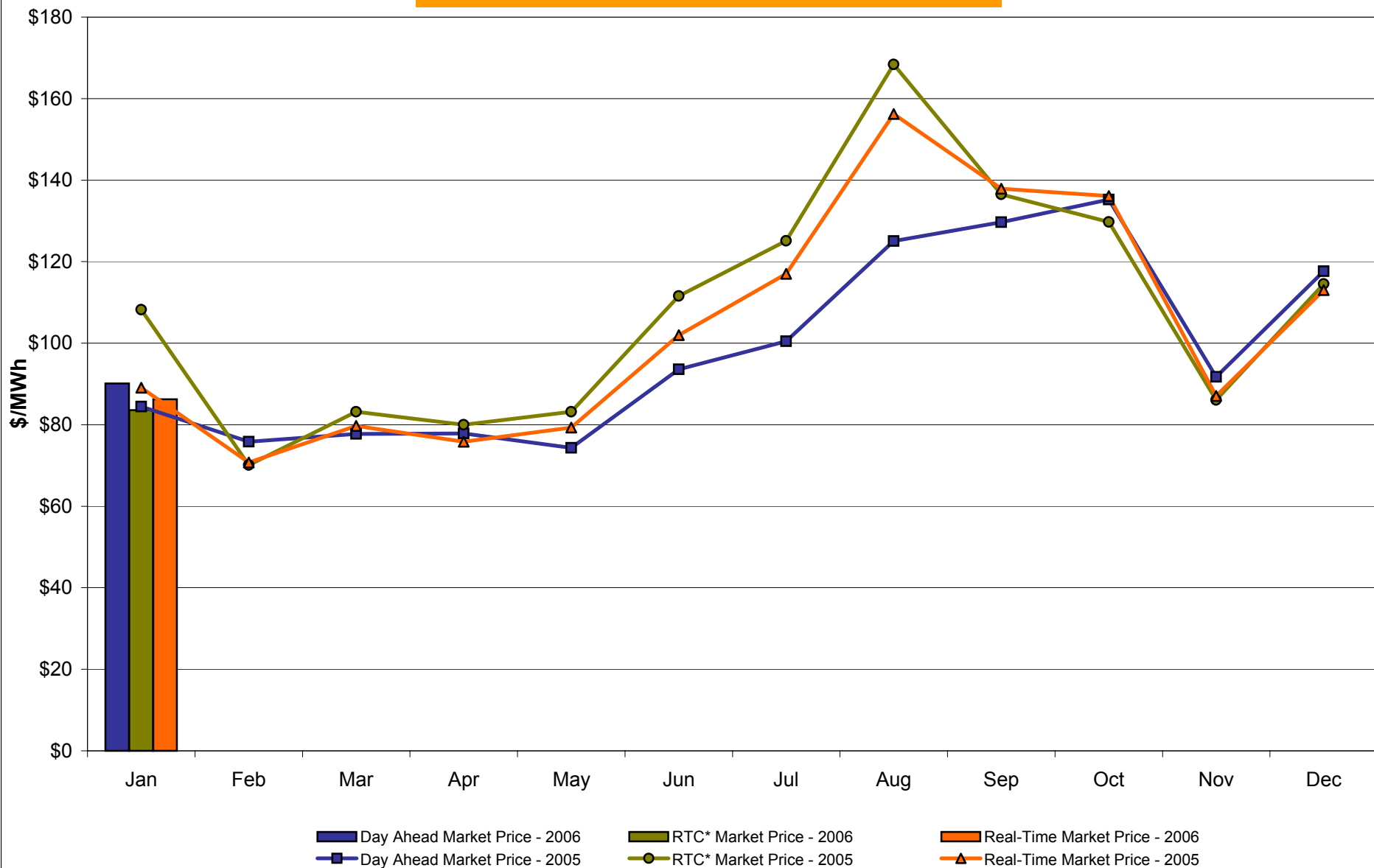
\* Referred to as RTC beginning February 2005.  
Prior to February 2005 known as BME or Hour Ahead Market (HAM).

# NYC Zone J Monthly Average LBMP Prices 2005 - 2006



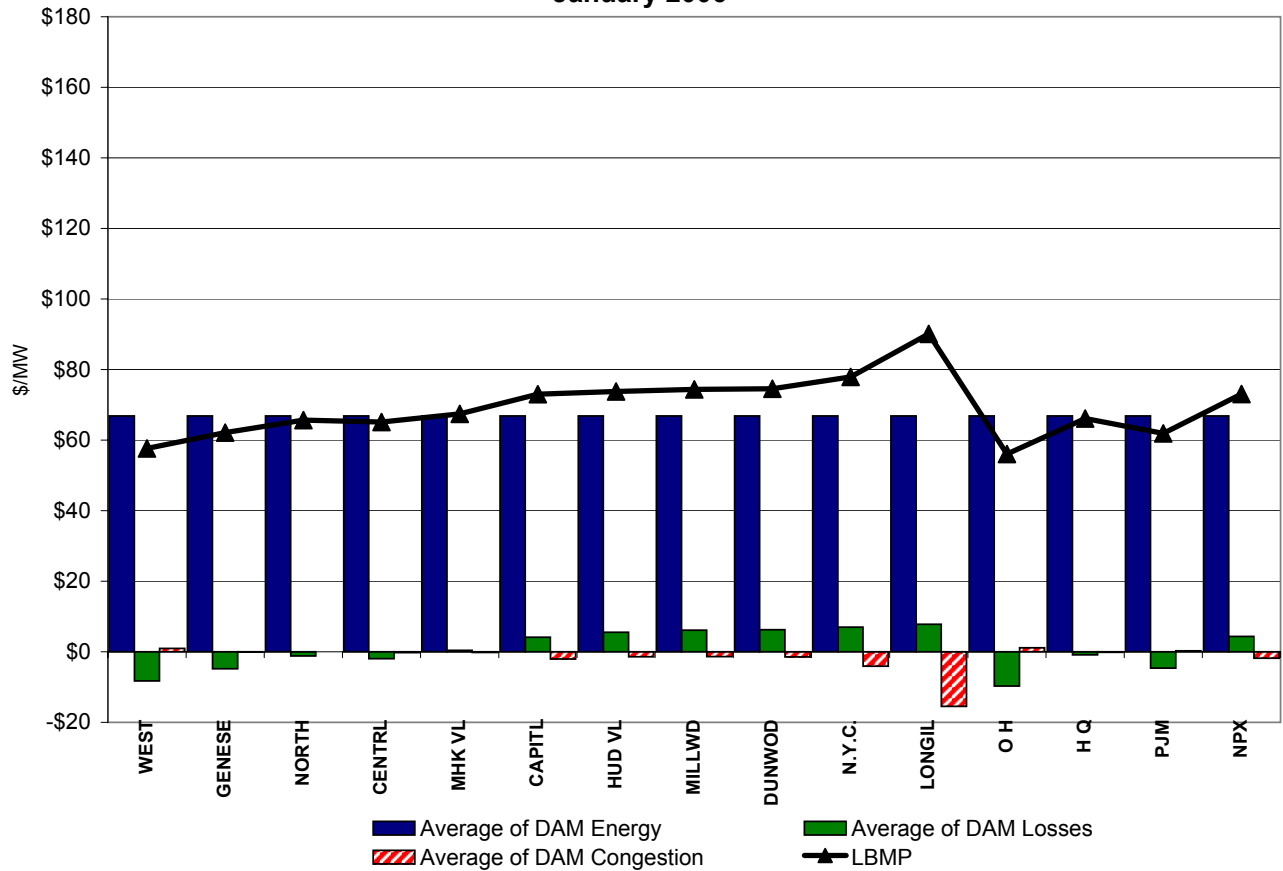
\* Referred to as RTC beginning February 2005.  
Prior to February 2005 known as BME or Hour Ahead Market (HAM).

# Long Island Zone K Monthly Average LBMP Prices 2005 - 2006

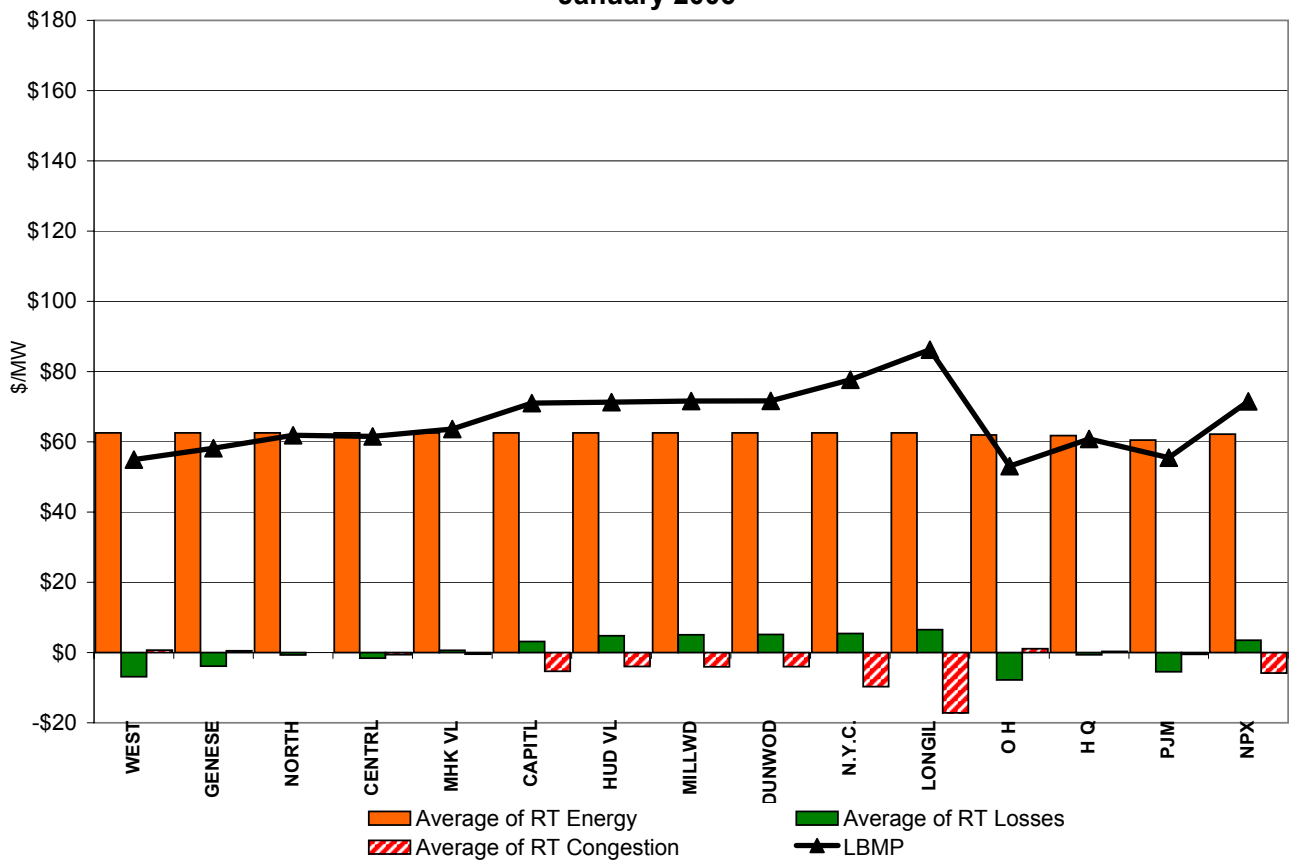


\* Referred to as RTC beginning February 2005.  
Prior to February 2005 known as BME or Hour Ahead Market (HAM).

**DAM Zonal Unweighted Monthly Average LBMP Components  
January 2006**

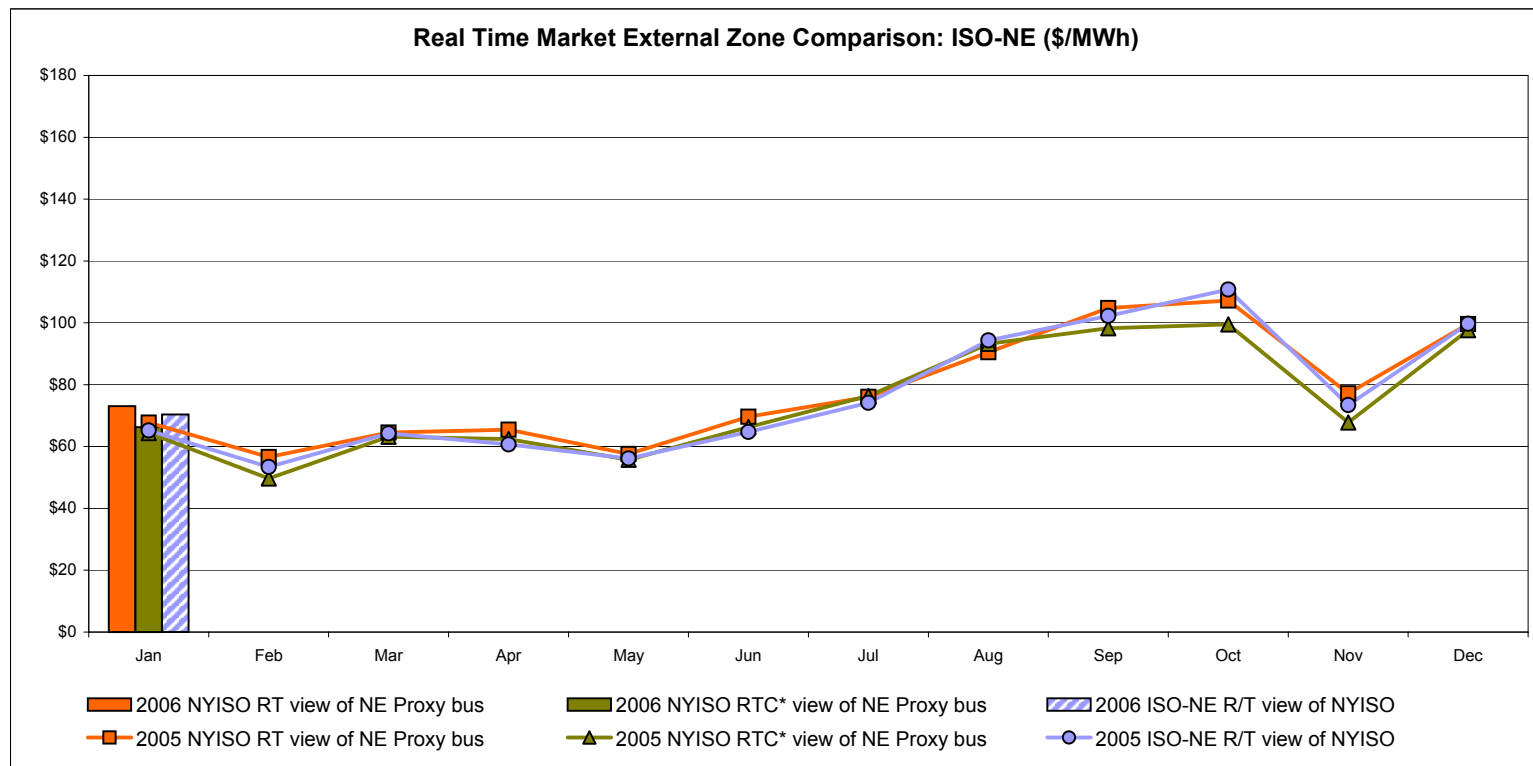
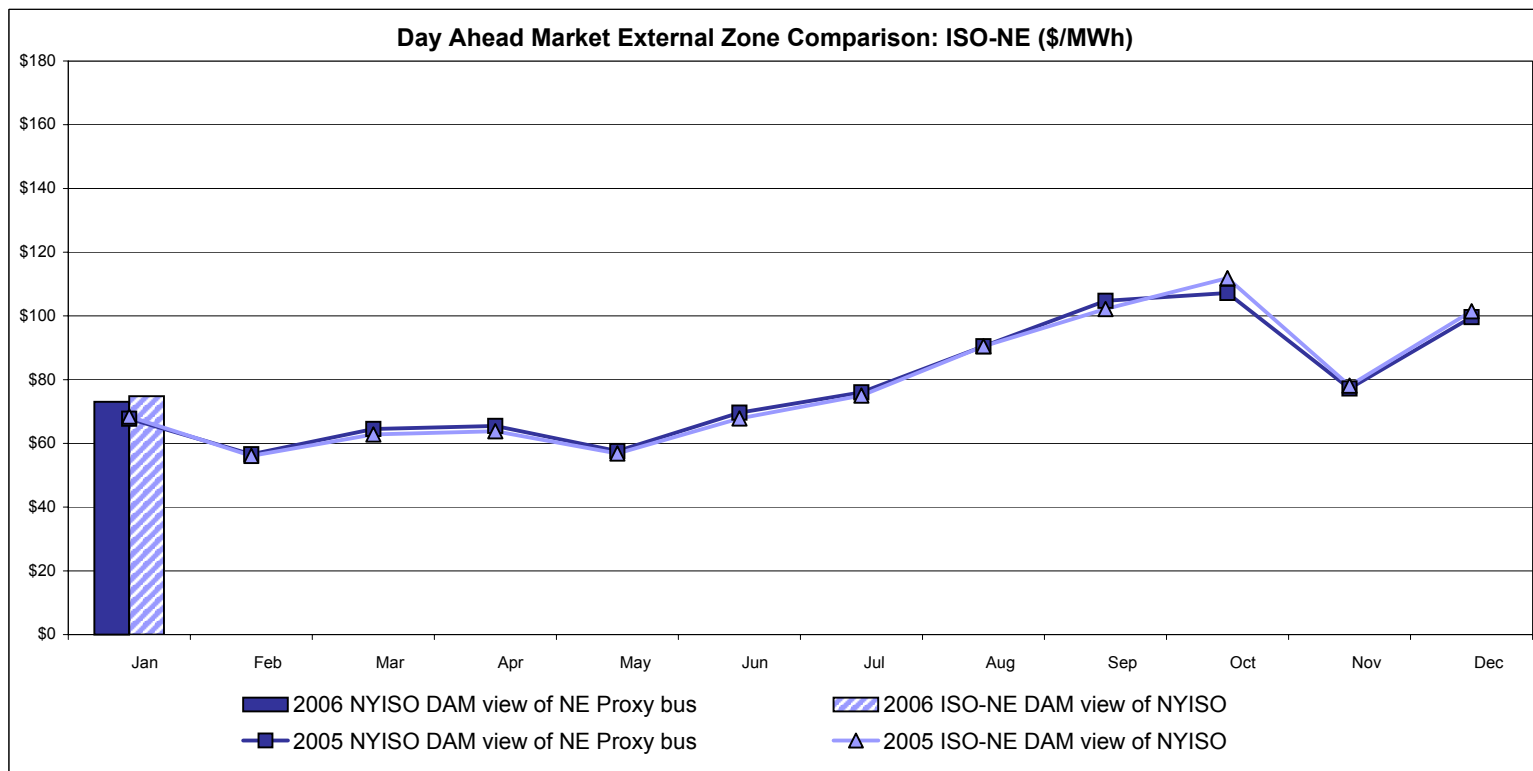


**RT Zonal Unweighted Monthly Average LBMP Components  
January 2006**





## External Comparison ISO-New England



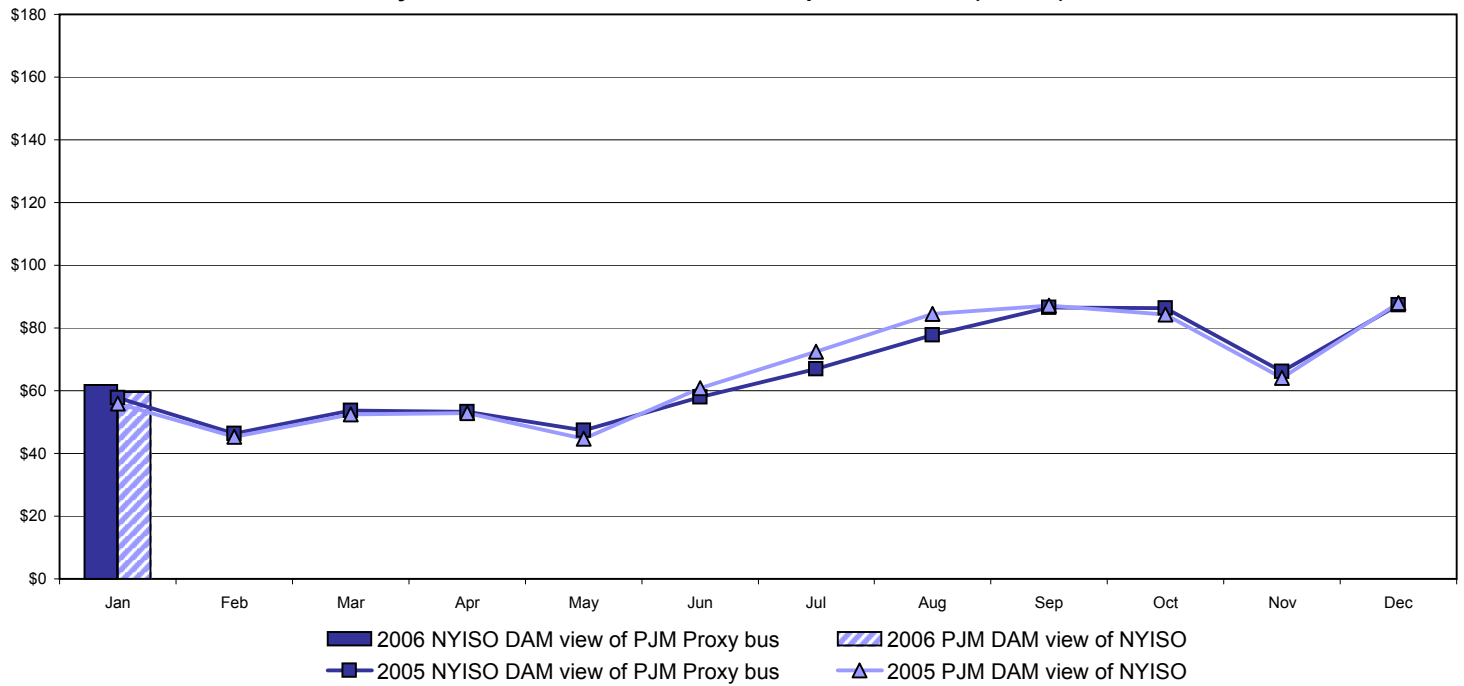
**Note:**

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

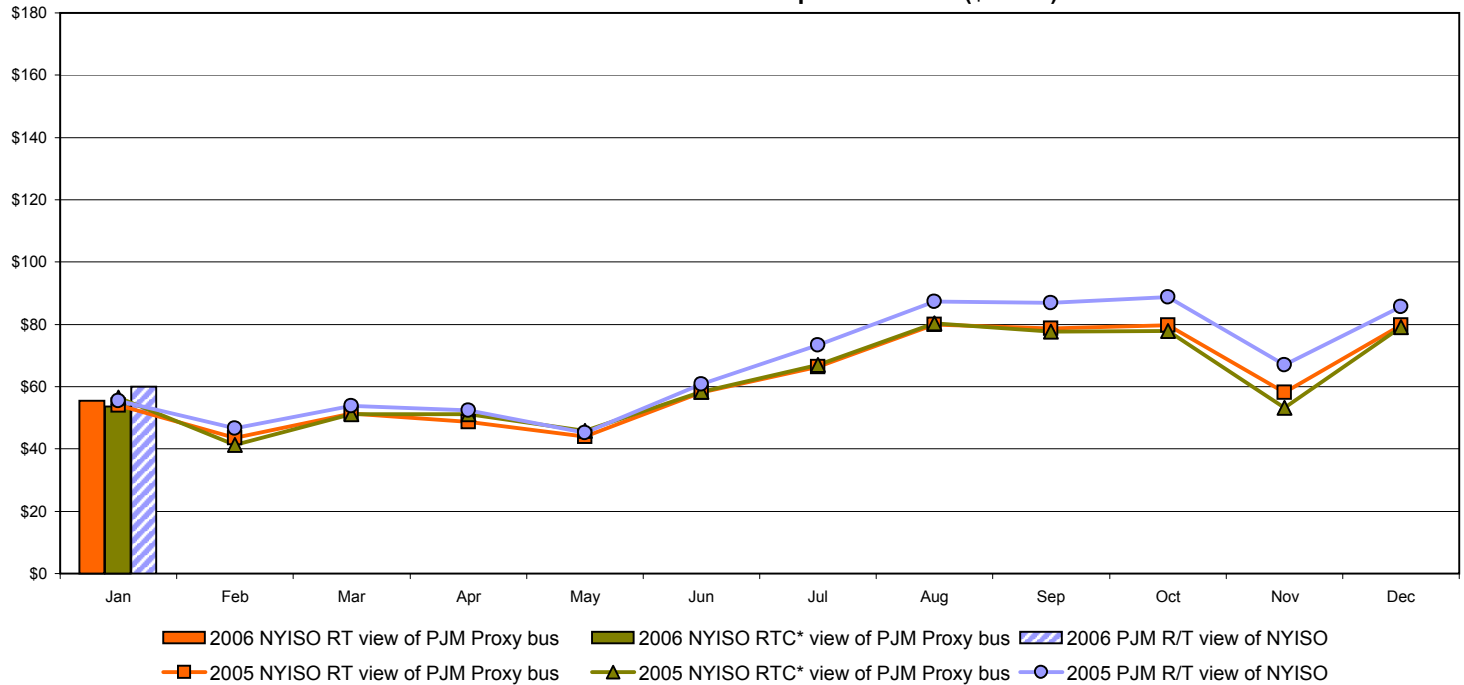
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 Prior to February 2005 known as BME or Hour Ahead Market (HAM).

## External Comparison PJM

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

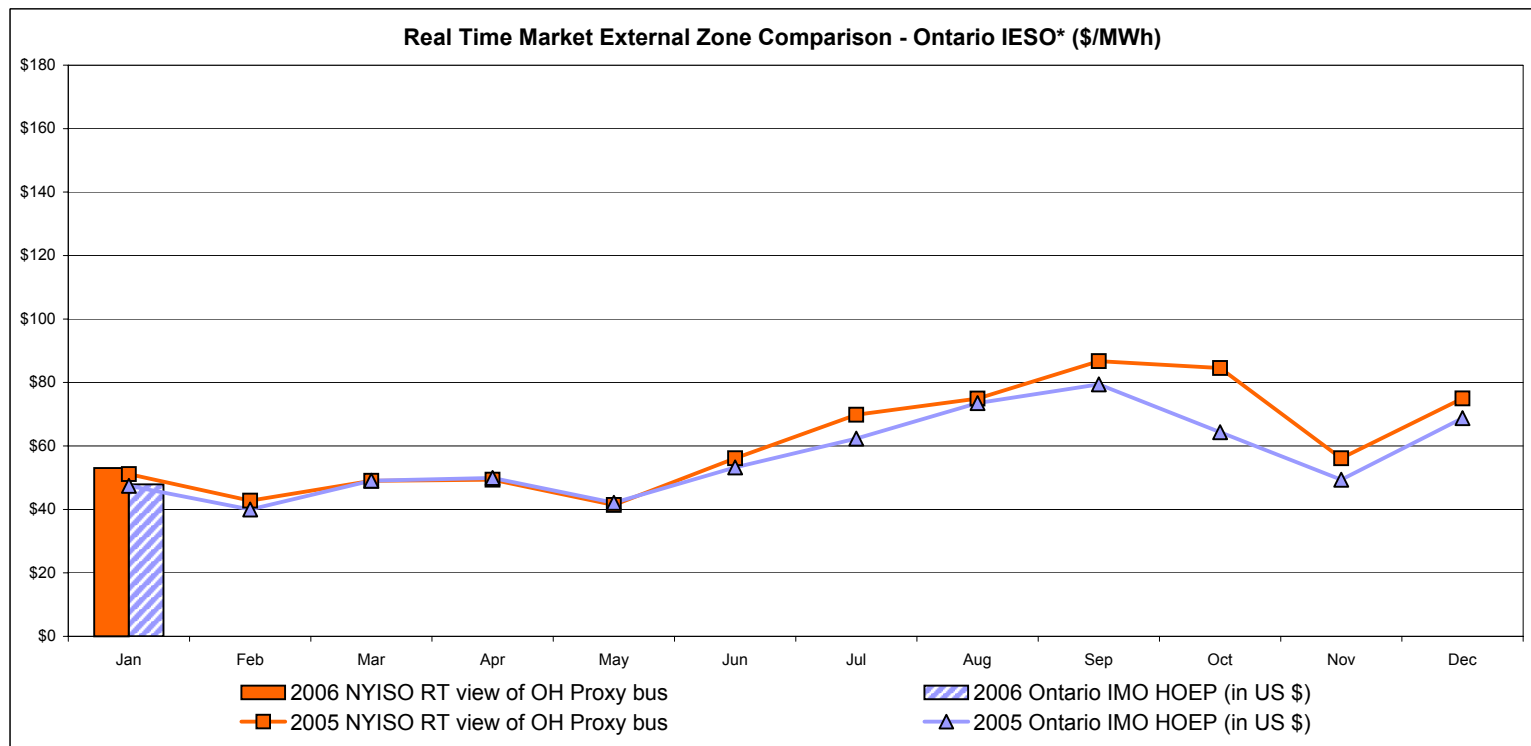
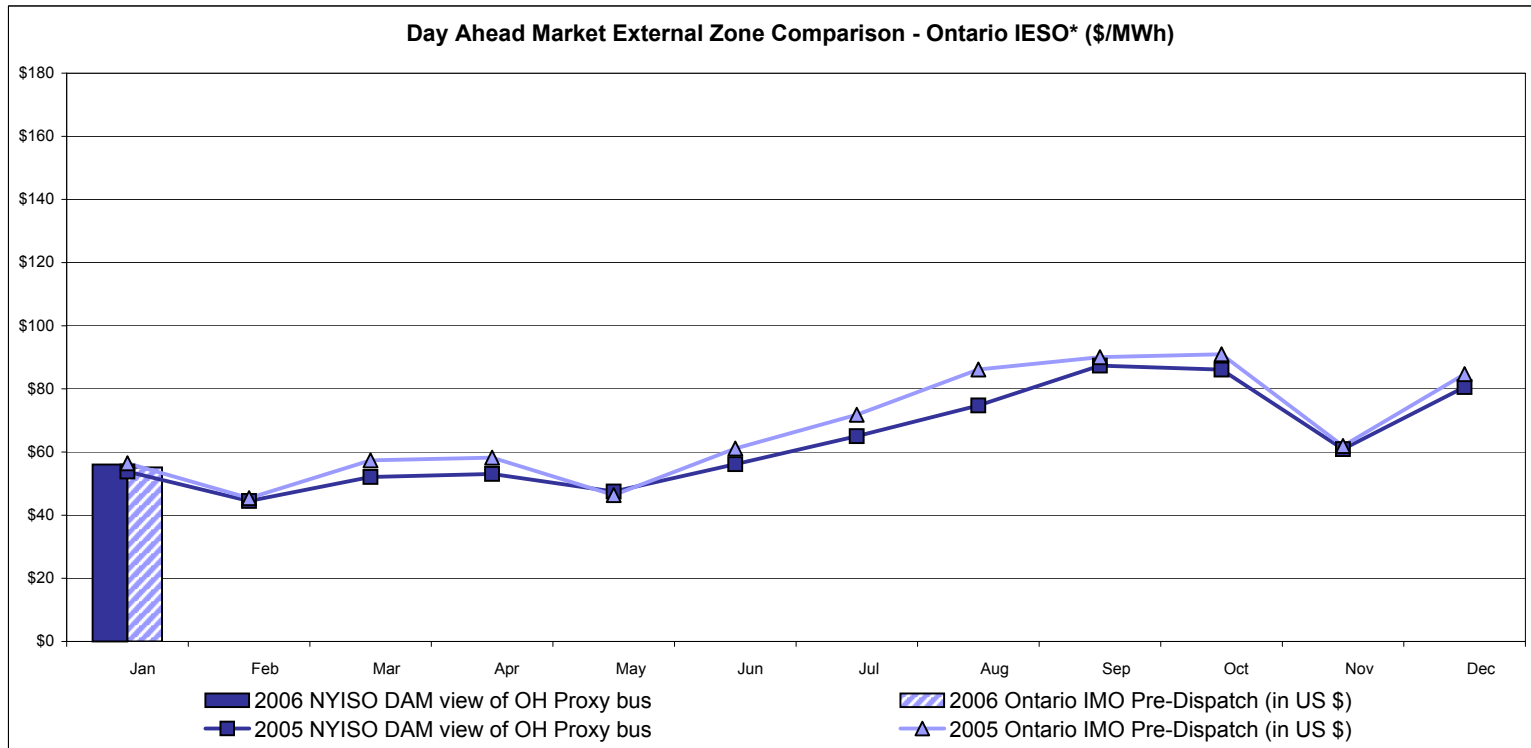


**Real Time Market External Zone Comparison - PJM (\$/MWh)**



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Prior to February 2005 known as BME or Hour Ahead Market (HAM).

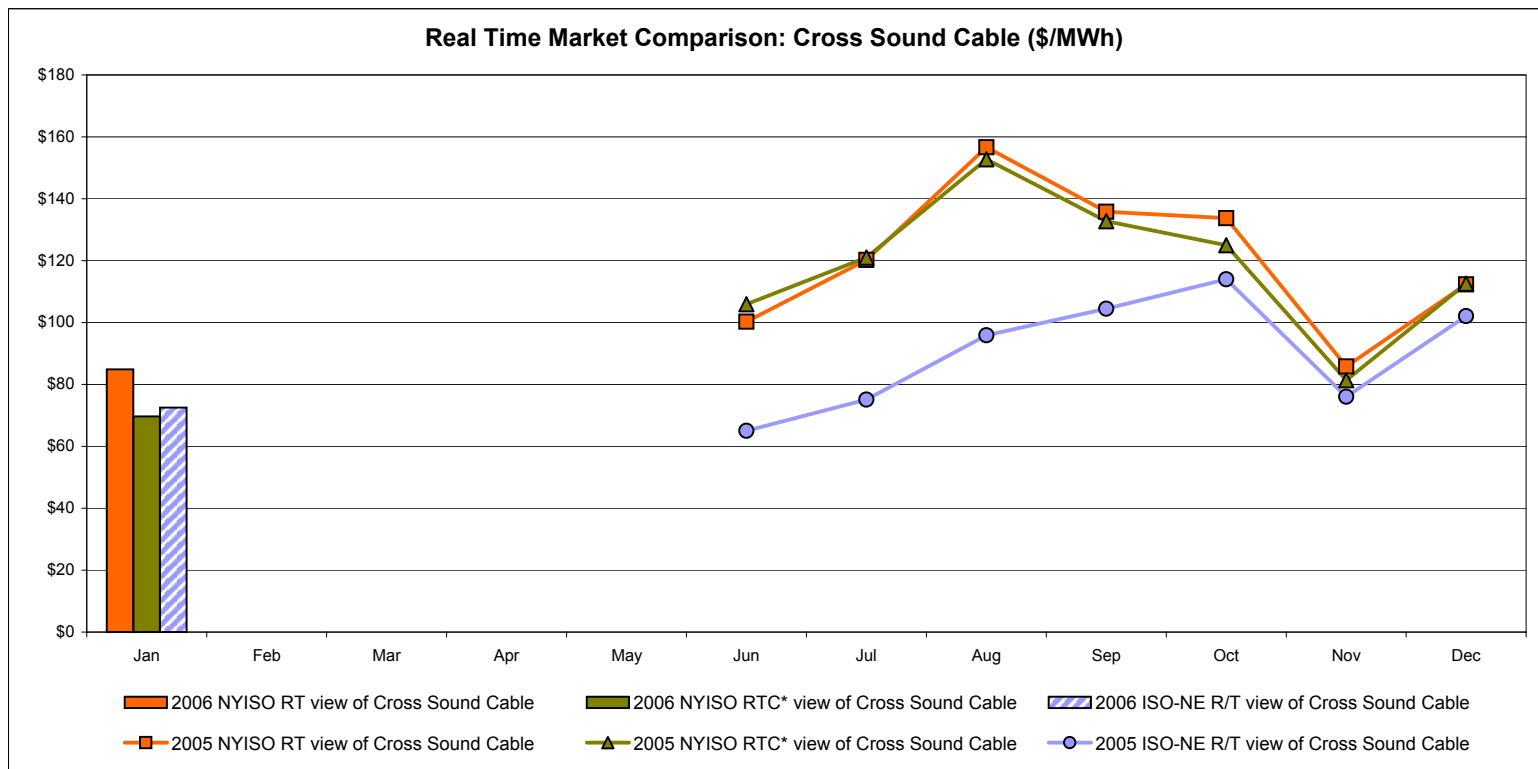
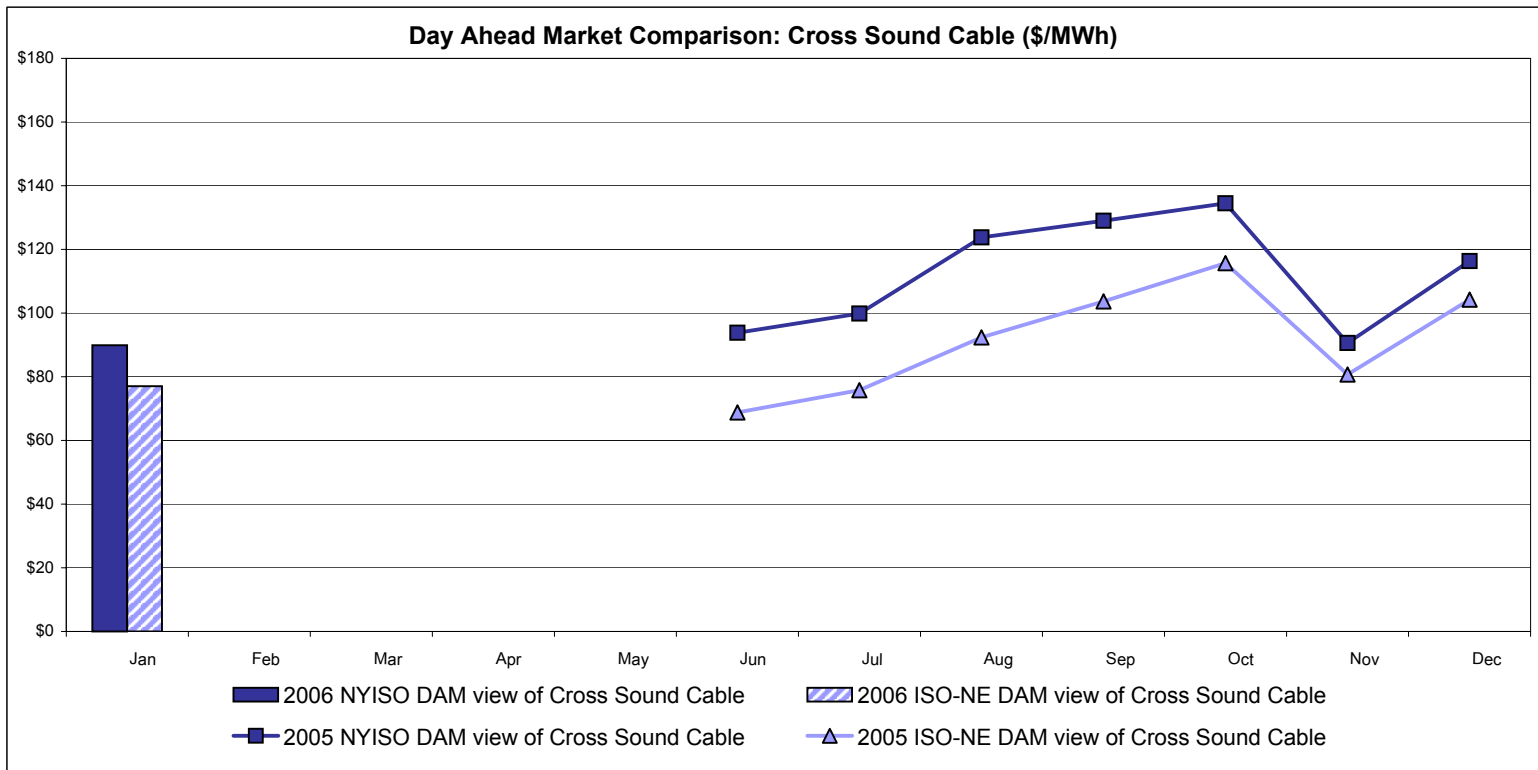
## External Comparison Ontario IESO\*



Notes: Exchange factor used for January 2006 was .86 to US \$  
 HOEP: Hourly Ontario Energy Price  
 Pre-Dispatch: Projected Energy Price

\* Independent Electricity System Operator formerly known as the Independent Electricity Market Operator (IMO).

## 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.

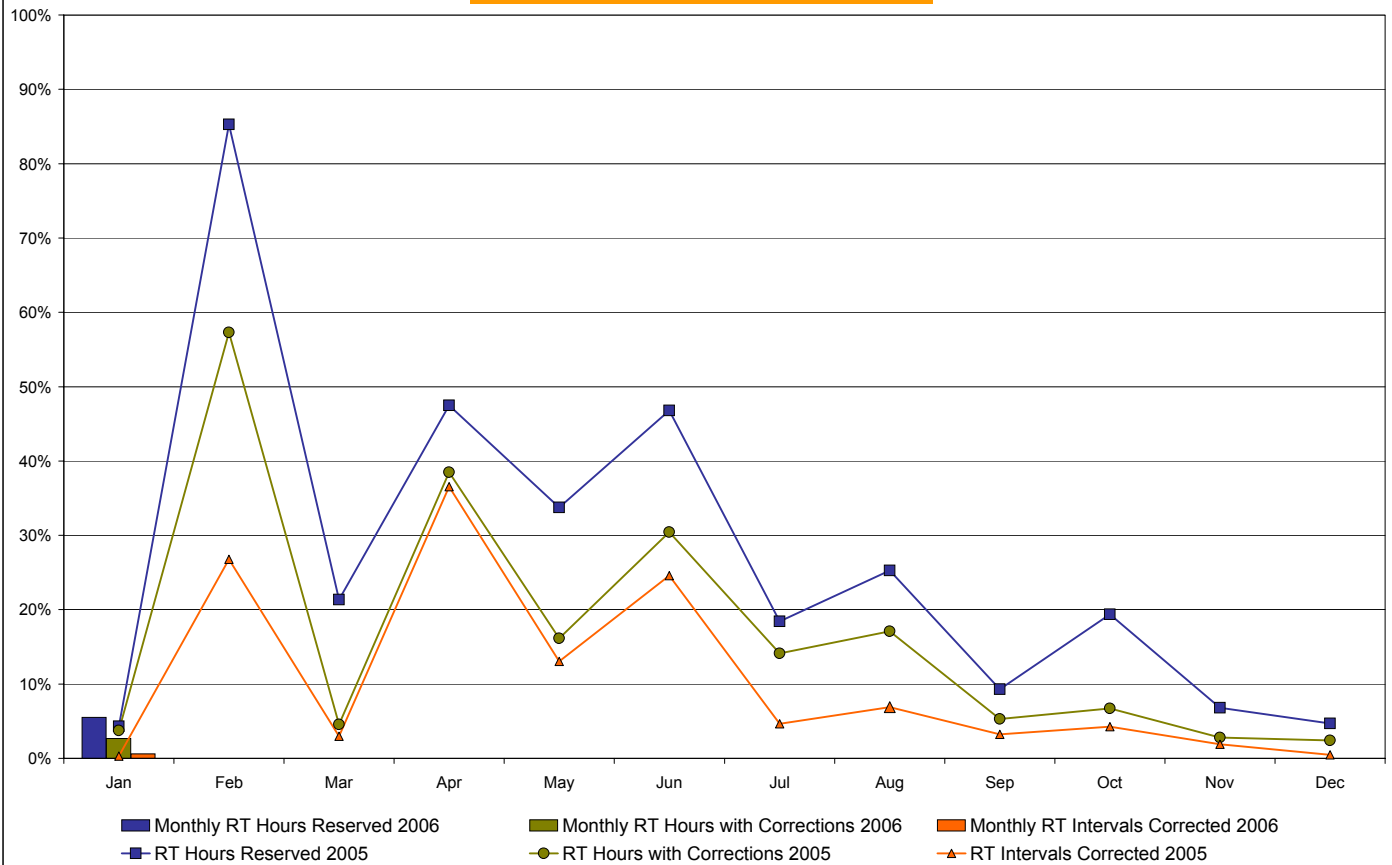
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# **NYISO Real Time Price Correction Statistics**

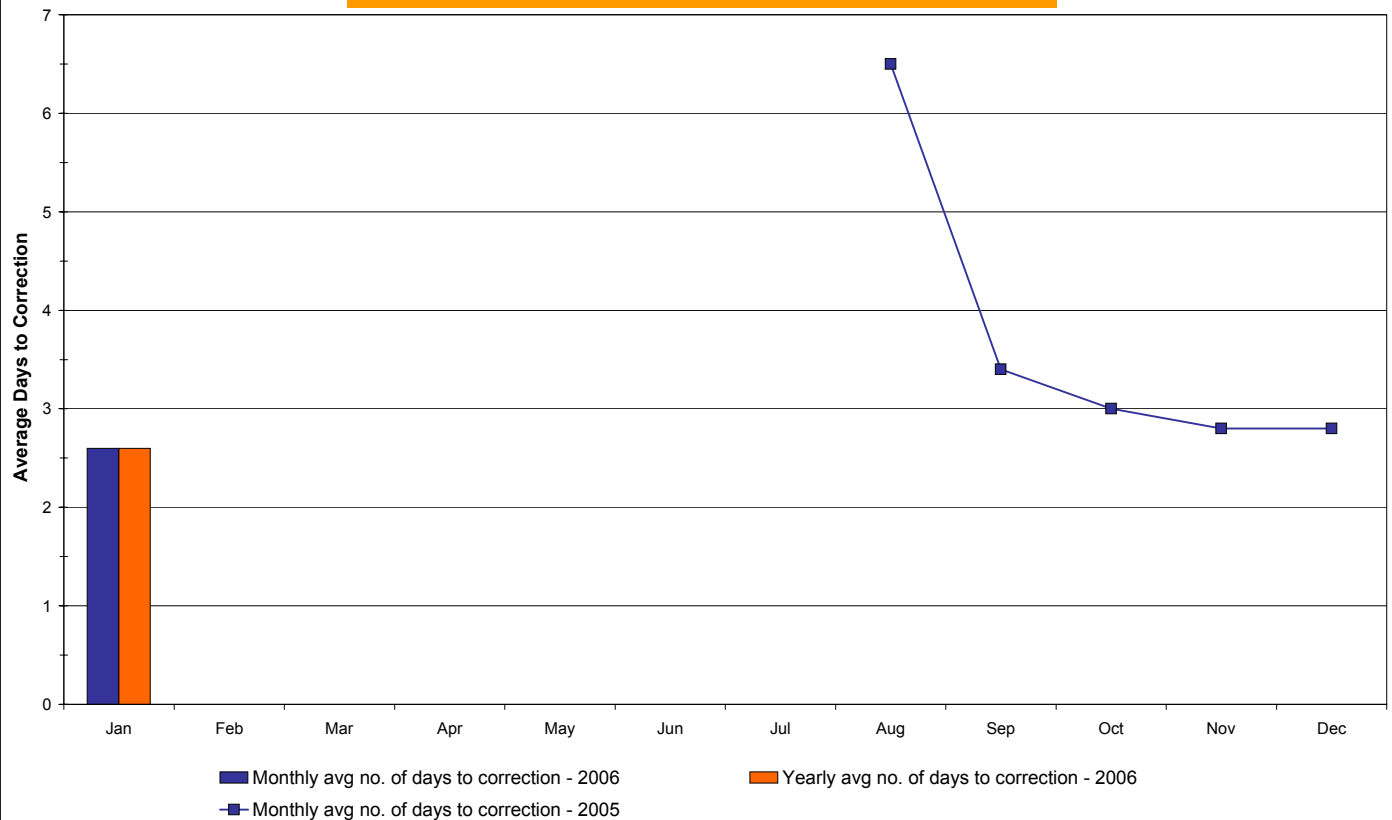
<b>2006</b>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Hour Corrections</u></b>													
Number of hours with corrections	in the month	20											
Number of hours	in the month	744											
% of hours with corrections	in the month	2.69%											
% of hours with corrections	year-to-date	2.69%											
<b><u>Interval Corrections</u></b>													
Number of intervals corrected	in the month	54											
Number of intervals	in the month	9,004											
% of intervals corrected	in the month	0.60%											
% of intervals corrected	year-to-date	0.60%											
<b><u>Hours Reserved</u></b>													
Number of hours reserved	in the month	41											
Number of hours	in the month	744											
% of hours reserved	in the month	5.51%											
% of hours reserved	year-to-date	5.51%											
<b><u>Days to Correction *</u></b>													
Avg. number of days to correction	in the month	2.6											
Avg. number of days to correction	year-to-date	2.6											
<b><u>Days Without Corrections</u></b>													
Days without corrections	in the month	19											
Days without corrections	year-to-date	19											
<b>2005</b>		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Hour Corrections</u></b>													
Number of hours with corrections	in the month	28	385	34	277	120	219	105	127	38	50	20	18
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	3.76%	57.29%	4.57%	38.47%	16.13%	30.42%	14.11%	17.07%	5.28%	6.72%	2.78%	2.42%
% of hours with corrections	year-to-date	3.76%	29.17%	20.69%	25.14%	23.29%	24.47%	22.96%	22.21%	20.34%	18.96%	17.50%	16.22%
<b><u>Interval Corrections</u></b>													
Number of intervals corrected	in the month	37	2,177	266	3,182	1,170	2,145	421	625	281	386	167	43
Number of intervals	in the month	11,811	8,131	8,961	8,711	8,972	8,729	9,024	9,065	8,741	9,029	8,721	9,115
% of intervals corrected	in the month	0.31%	26.77%	2.97%	36.53%	13.04%	24.57%	4.67%	6.89%	3.21%	4.28%	1.91%	0.47%
% of intervals corrected	year-to-date	0.31%	11.10%	8.58%	15.05%	14.67%	16.23%	14.61%	13.65%	12.54%	11.72%	10.87%	10.00%
<b><u>Hours Reserved</u></b>													
Number of hours reserved	in the month	32	573	159	342	251	337	137	188	67	144	49	35
Number of hours	in the month	744	672	744	720	744	720	744	744	720	744	720	744
% of hours reserved	in the month	4.30%	85.27%	21.37%	47.50%	33.74%	46.81%	18.41%	25.27%	9.31%	19.35%	6.81%	4.70%
% of hours reserved	year-to-date	4.30%	42.73%	35.37%	38.40%	37.44%	39.00%	35.99%	34.62%	31.84%	30.56%	28.43%	26.42%
<b><u>Days to Correction *</u></b>													
Avg. number of days to correction	in the month	-	-	-	-	-	-	-	6.5	3.4	3.0	2.8	2.8
Avg. number of days to correction	year-to-date	-	-	-	-	-	-	-	-	-	-	-	-
<b><u>Days Without Corrections</u></b>													
Days without corrections	in the month	12	4	16	3	4	4	6	6	17	17	22	19
Days without corrections	year-to-date	12	16	32	35	39	43	49	55	72	89	111	130

\* Calendar days from reservation date. Data available from August 2005.

### Percentage of Real-Time Corrections

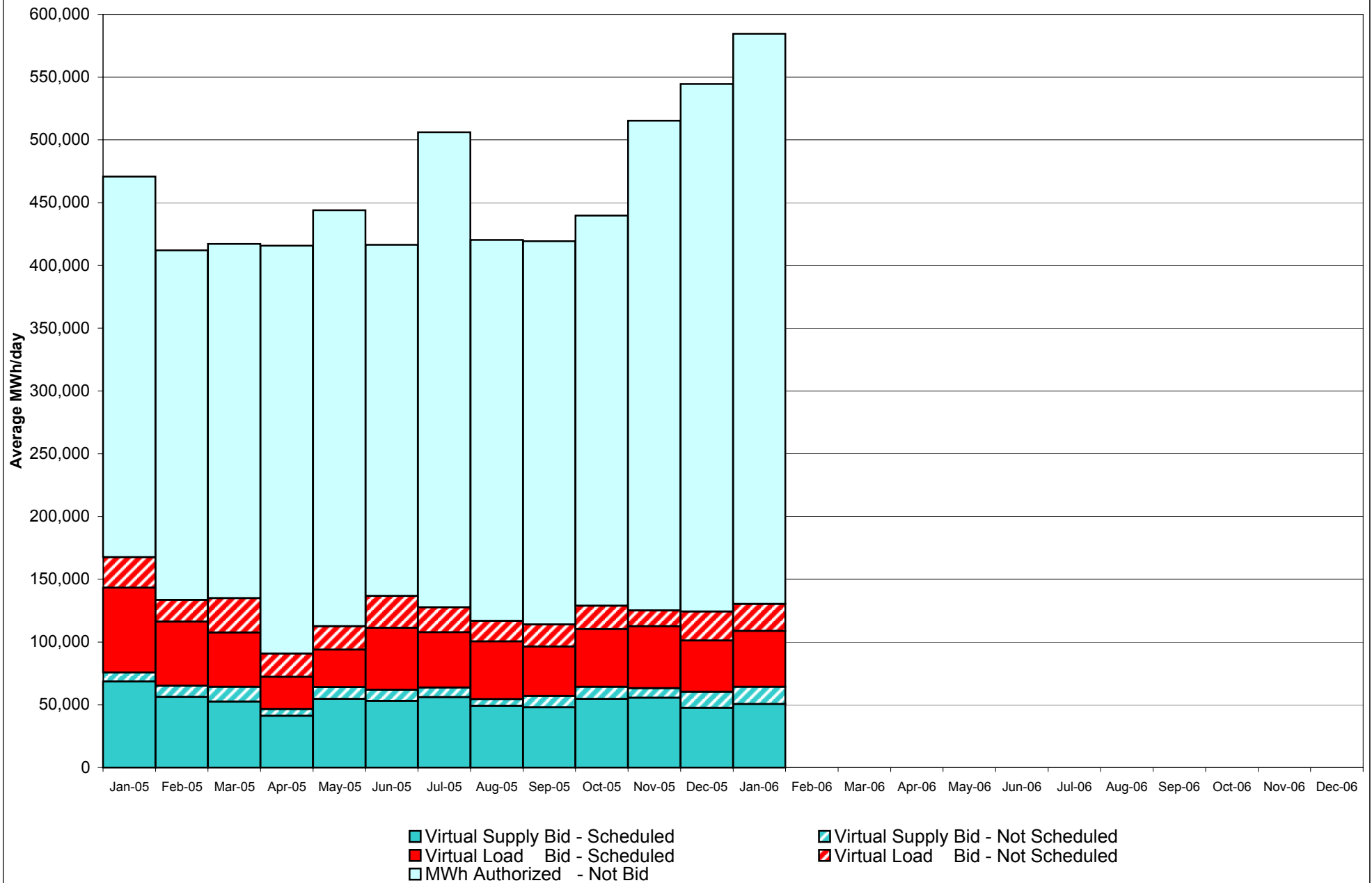


### Annual average time period for making Price Corrections (from reservation date) \*

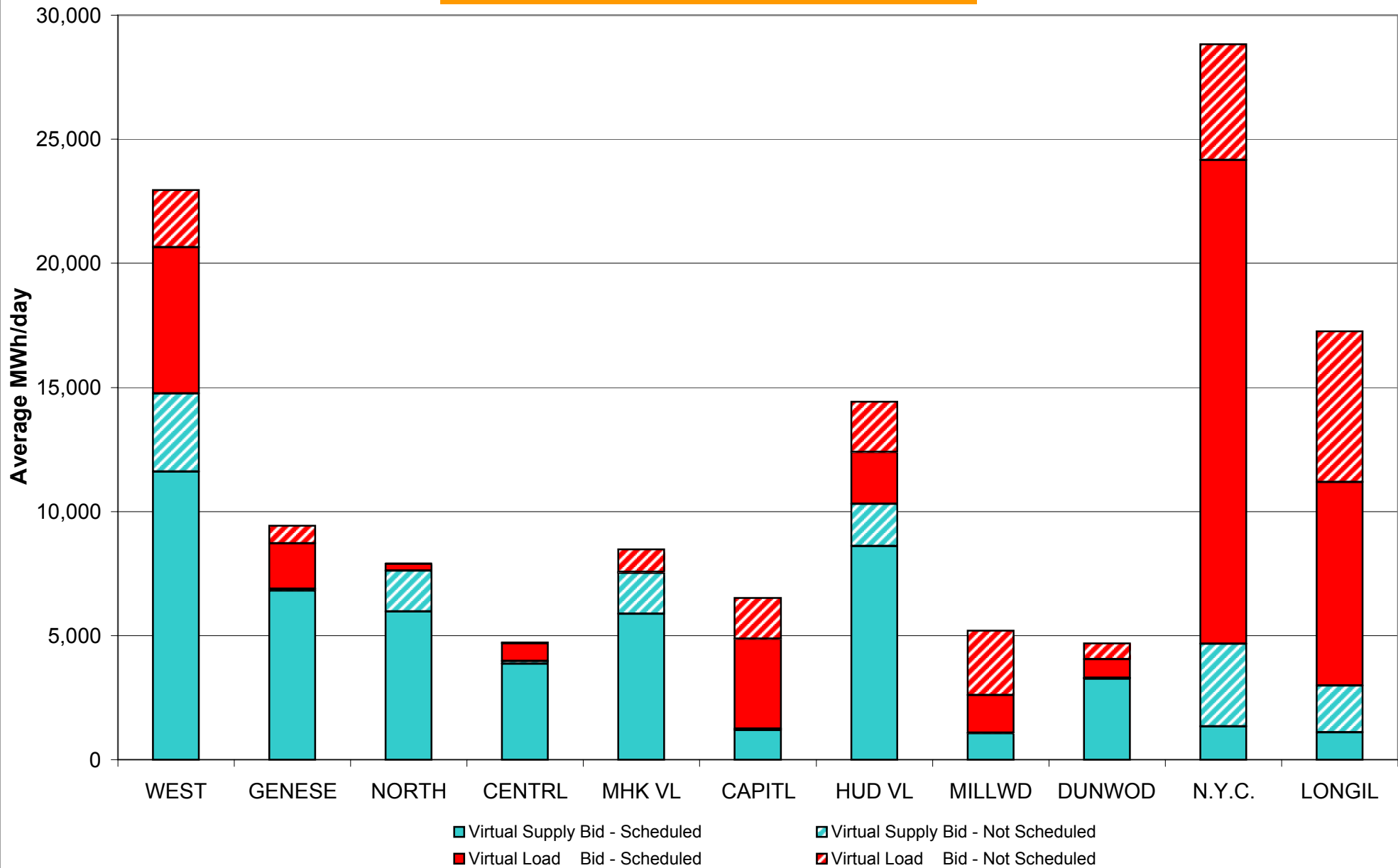


\* Calendar days from reservation date. Data available from August 2005.

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



## Virtual Load and Supply Zonal Statistics January 2006





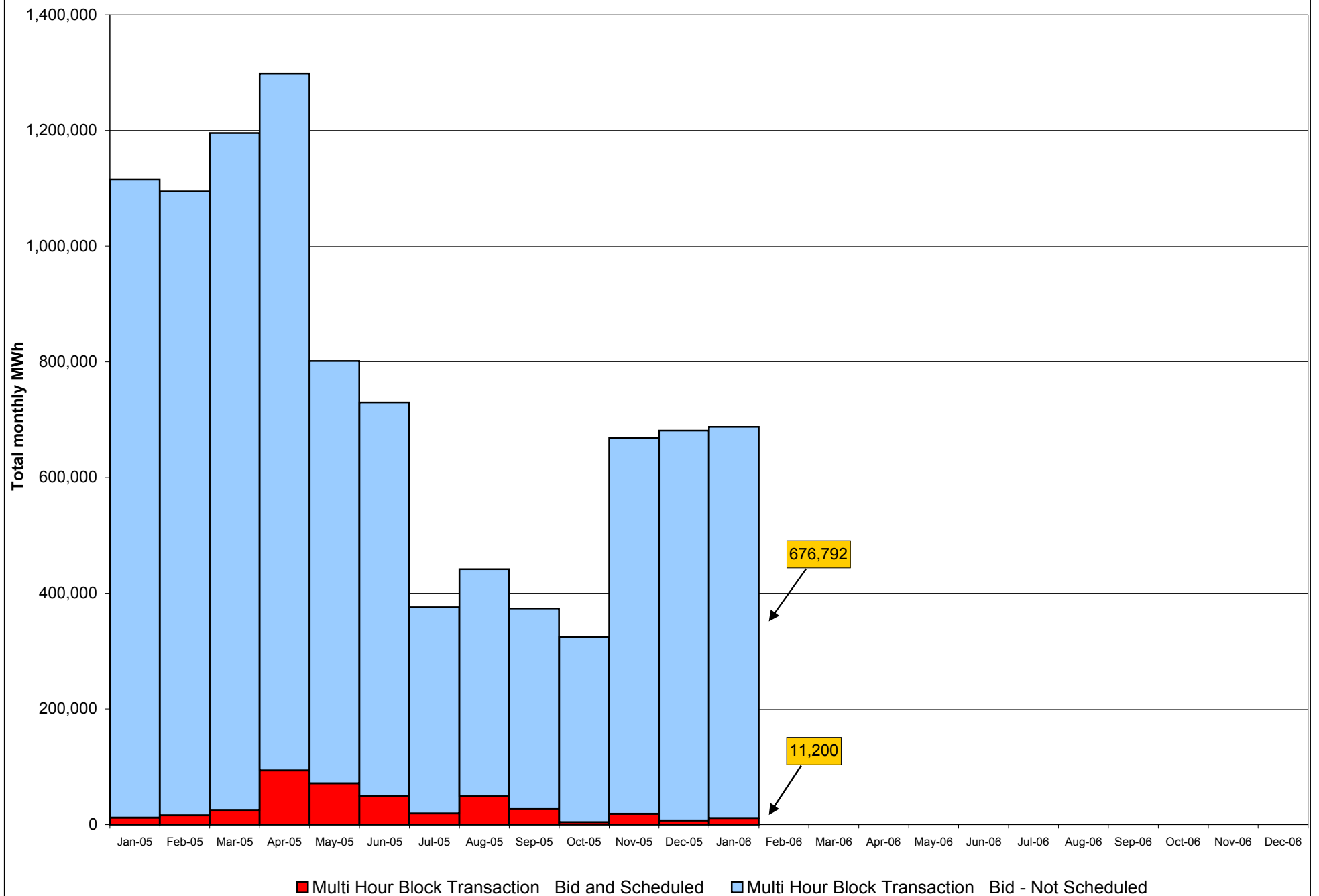
### Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2005

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	Scheduled	Not Scheduled	Zone	Date	Scheduled	Not Scheduled
WEST	Jan-05	9,758	2,725	7,538	1,842	MHK VL	Jan-05	1,063	249	3,922	1,099	DUNWOD	Jan-05	3,458	2,148	833	73						
	Feb-05	4,688	2,248	11,863	1,728		Feb-05	60	358	3,092	1,309		Feb-05	1,675	510	8,626	388						
	Mar-05	3,680	3,065	10,688	2,063		Mar-05	59	869	3,793	1,003		Mar-05	1,341	1,626	10,271	740						
	Apr-05	2,351	1,261	9,851	1,208		Apr-05	155	380	6,716	1,212		Apr-05	491	1,919	3,535	820						
	May-05	3,736	1,085	10,893	2,312		May-05	59	905	7,493	1,925		May-05	3,748	815	1,058	616						
	Jun-05	8,665	5,697	11,614	1,715		Jun-05	92	712	7,955	1,902		Jun-05	3,952	1,452	609	411						
	Jul-05	3,582	1,418	8,602	1,693		Jul-05	283	1,179	8,514	1,816		Jul-05	2,122	1,396	1,085	242						
	Aug-05	1,390	647	8,227	999		Aug-05	205	1,010	8,477	1,589		Aug-05	2,100	656	670	55						
	Sep-05	2,874	1,057	6,629	2,337		Sep-05	15	927	9,070	1,756		Sep-05	1,324	275	2,410	715						
	Oct-05	5,249	1,152	7,455	1,741		Oct-05	858	817	9,278	1,468		Oct-05	2,437	743	3,422	111						
	Nov-05	4,991	1,521	6,532	1,858		Nov-05	124	885	7,437	1,766		Nov-05	3,378	319	2,758	456						
	Dec-05	4,512	2,801	9,739	2,484		Dec-05	218	939	4,769	1,111		Dec-05	618	1,085	2,934	28						
GENESE	Jan-05	12,648	907	2,963	136	CAPITL	Jan-05	10,497	449	561	179	N.Y.C.	Jan-05	21,677	10,008	606	1,316						
	Feb-05	4,016	394	5,995	470		Feb-05	3,385	398	2,389	437		Feb-05	12,269	7,442	2,213	1,817						
	Mar-05	672	912	5,716	616		Mar-05	1,946	978	1,693	895		Mar-05	12,412	9,711	1,777	2,137						
	Apr-05	288	388	5,652	178		Apr-05	2,050	850	1,057	230		Apr-05	9,274	7,978	524	587						
	May-05	141	787	8,014	517		May-05	491	1,240	2,208	233		May-05	13,108	5,309	748	696						
	Jun-05	1,725	761	5,458	303		Jun-05	994	967	2,744	543		Jun-05	17,629	7,924	178	545						
	Jul-05	2,144	776	4,173	173		Jul-05	1,152	900	4,030	238		Jul-05	22,424	5,367	423	662						
	Aug-05	2,224	101	4,699	22		Aug-05	2,236	7	1,756	123		Aug-05	26,274	7,101	106	309						
	Sep-05	1,499	214	5,529	4		Sep-05	1,470	91	1,637	10		Sep-05	20,276	8,859	494	1,151						
	Oct-05	1,593	0	7,547	2		Oct-05	4,078	484	2,317	22		Oct-05	19,208	8,297	269	1,577						
	Nov-05	1,986	3	7,599	91		Nov-05	2,578	22	2,057	94		Nov-05	26,242	5,389	322	377						
	Dec-05	1,619	266	6,314	10		Dec-05	2,115	762	1,247	90		Dec-05	15,770	7,593	3,724	5,157						
NORTH	Jan-05	253	299	3,917	178	HUD VL	Jan-05	840	932	36,520	916	LONGIL	Jan-05	5,002	5,003	546	670						
	Feb-05	565	343	3,725	305		Feb-05	12,971	451	12,520	740		Feb-05	4,647	4,256	231	1,025						
	Mar-05	968	796	4,415	757		Mar-05	10,688	1,301	8,765	818		Mar-05	4,228	5,676	367	1,357						
	Apr-05	148	403	3,486	172		Apr-05	5,951	602	8,165	374		Apr-05	3,698	3,908	257	325						
	May-05	54	1,317	6,428	1,004		May-05	1,252	886	14,432	470		May-05	4,045	4,476	588	485						
	Jun-05	458	698	2,825	663		Jun-05	1,578	959	16,503	1,842		Jun-05	7,670	4,899	401	309						
	Jul-05	128	716	3,699	940		Jul-05	950	1,842	18,532	1,059		Jul-05	7,278	4,792	535	363						
	Aug-05	152	16	4,195	698		Aug-05	1,142	2,133	12,931	1,150		Aug-05	8,363	4,365	519	78						
	Sep-05	0	0	3,924	1,341		Sep-05	1,233	1,482	12,731	1,281		Sep-05	8,697	4,388	37	322						
	Oct-05	670	33	3,818	1,856		Oct-05	2,444	2,375	14,130	2,166		Oct-05	7,894	4,645	334	503						
	Nov-05	48	109	4,066	1,399		Nov-05	1,047	1,378	17,487	1,076		Nov-05	8,411	2,878	351	554						
	Dec-05	194	292	4,850	656		Dec-05	4,442	2,450	9,830	2,108		Dec-05	6,781	5,951	577	1,188						
CENTRL	Jan-05	995	1,580	10,056	428	MILLWD	Jan-05	1,389	129	1,145	46	NYISO	Jan-05	67,580	24,428	68,608	6,881						
	Feb-05	2,155	471	4,299	398		Feb-05	4,690	378	1,287	226		Feb-05	51,120	17,249	56,240	8,841						
	Mar-05	1,520	1,251	2,901	865		Mar-05	5,846	1,138	2,127	486		Mar-05	43,359	27,323	52,514	11,738						
	Apr-05	19	431	1,483	162		Apr-05	1,312	323	447	150		Apr-05	25,737	18,442	41,172	5,419						
	May-05	530	924	2,269	735		May-05	2,737	867	597	334		May-05	29,901	18,611	54,728	9,327						
	Jun-05	805	697	4,126	427		Jun-05	5,717	550	622	335		Jun-05	49,286	25,318	53,034	8,995						
	Jul-05	83	753	5,656	256		Jul-05	3,980	672	804	199		Jul-05	44,126	19,811	56,053	7,642						
	Aug-05	168	189	7,370	312		Aug-05	1,698	197	187	40		Aug-05	45,952	16,422	49,136	5,373						
	Sep-05	1,506	238	4,861	221		Sep-05	513	0	529	6		Sep-05	39,406	17,529	47,852	9,144						
	Oct-05	596	45	5,672	15		Oct-05	1,065	0	498	11		Oct-05	46,093	18,592	54,740	9,472						
	Nov-05	230	148	6,336	11		Nov-05	168	0	638	2		Nov-05	49,204	12,650	55,583	7,684						
	Dec-05	471	265	3,436	63		Dec-05	4,053	683	69	15		Dec-05	40,794	23,087	47,490	12,912						

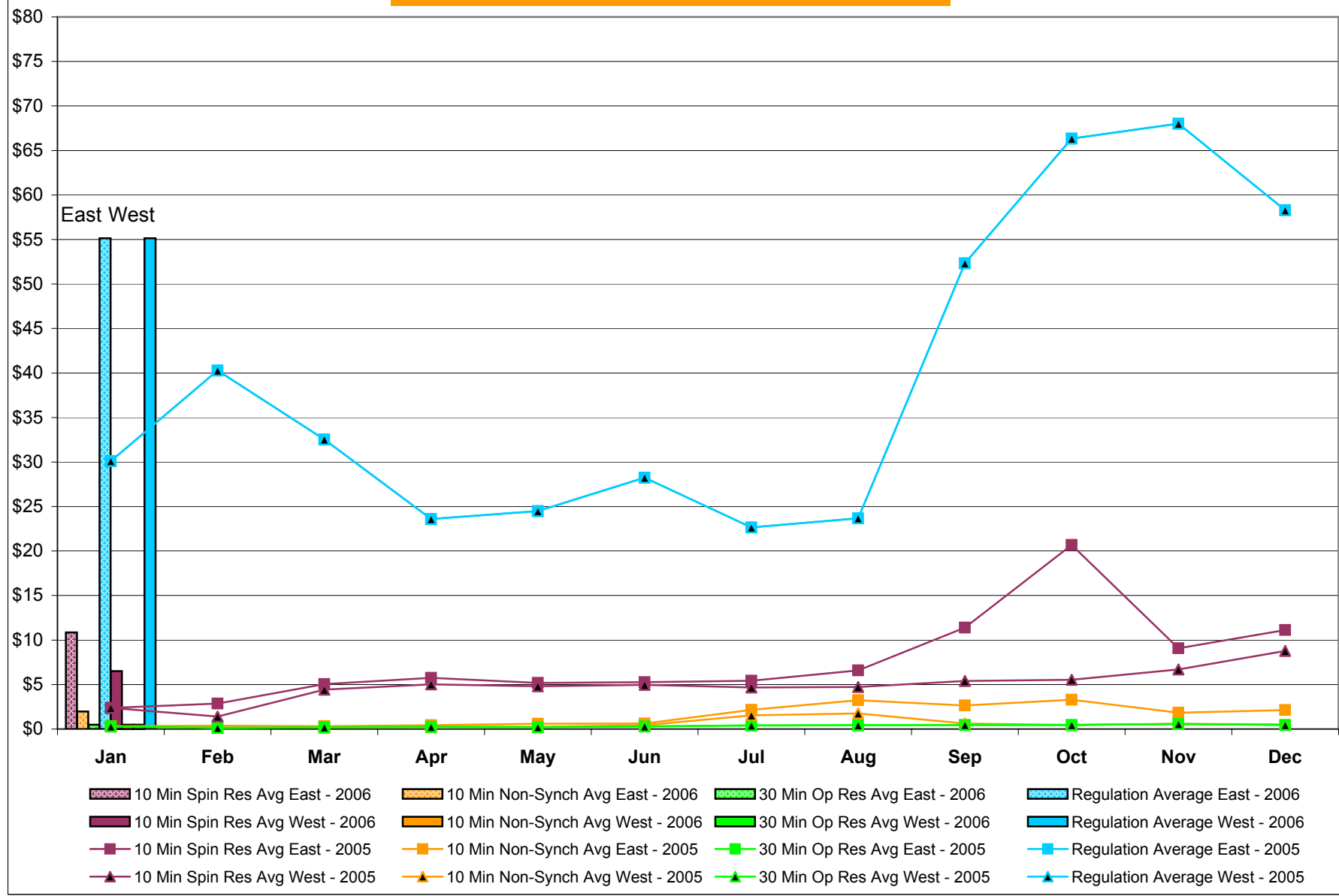
**Virtual Load and Supply Zonal Statistics (Average MWh/day) - 2006**

		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-06	5,890	2,304	11,610	3,141	MHK VL	Jan-06	46	902	5,884	1,636	DUNWOD	Jan-06	745	644	3,267	26
	Feb-06						Feb-06						Feb-06				
	Mar-06						Mar-06						Mar-06				
	Apr-06						Apr-06						Apr-06				
	May-06						May-06						May-06				
	Jun-06						Jun-06						Jun-06				
	Jul-06						Jul-06						Jul-06				
	Aug-06						Aug-06						Aug-06				
	Sep-06						Sep-06						Sep-06				
	Oct-06						Oct-06						Oct-06				
	Nov-06						Nov-06						Nov-06				
	Dec-06						Dec-06						Dec-06				
GENESE	Jan-06	1,831	708	6,806	73	CAPITL	Jan-06	3,624	1,646	1,192	48	N.Y.C.	Jan-06	19,500	4,668	1,330	3,334
	Feb-06						Feb-06						Feb-06				
	Mar-06						Mar-06						Mar-06				
	Apr-06						Apr-06						Apr-06				
	May-06						May-06						May-06				
	Jun-06						Jun-06						Jun-06				
	Jul-06						Jul-06						Jul-06				
	Aug-06						Aug-06						Aug-06				
	Sep-06						Sep-06						Sep-06				
	Oct-06						Oct-06						Oct-06				
	Nov-06						Nov-06						Nov-06				
	Dec-06						Dec-06						Dec-06				
NORTH	Jan-06	262	22	5,961	1,658	HUD VL	Jan-06	2,086	2,026	8,595	1,717	LONGIL	Jan-06	8,207	6,064	1,091	1,891
	Feb-06						Feb-06						Feb-06				
	Mar-06						Mar-06						Mar-06				
	Apr-06						Apr-06						Apr-06				
	May-06						May-06						May-06				
	Jun-06						Jun-06						Jun-06				
	Jul-06						Jul-06						Jul-06				
	Aug-06						Aug-06						Aug-06				
	Sep-06						Sep-06						Sep-06				
	Oct-06						Oct-06						Oct-06				
	Nov-06						Nov-06						Nov-06				
	Dec-06						Dec-06						Dec-06				
CENTRL	Jan-06	713	28	3,870	103	MILLWD	Jan-06	1,531	2,596	1,065	11	NYISO	Jan-06	44,436	21,609	50,671	13,639
	Feb-06						Feb-06						Feb-06				
	Mar-06						Mar-06						Mar-06				
	Apr-06						Apr-06						Apr-06				
	May-06						May-06						May-06				
	Jun-06						Jun-06						Jun-06				
	Jul-06						Jul-06						Jul-06				
	Aug-06						Aug-06						Aug-06				
	Sep-06						Sep-06						Sep-06				
	Oct-06						Oct-06						Oct-06				
	Nov-06						Nov-06						Nov-06				
	Dec-06						Dec-06						Dec-06				

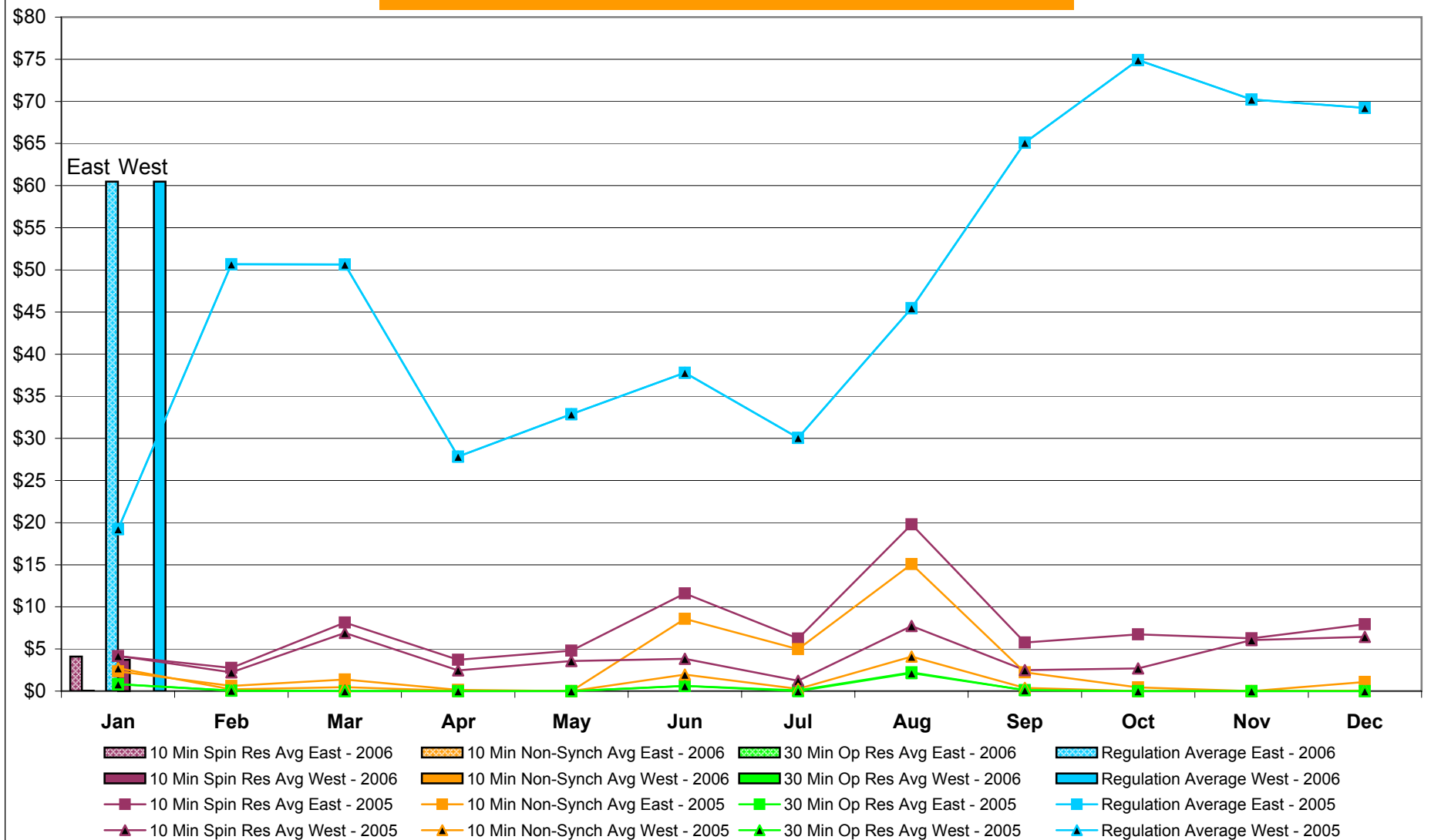
# **NYISO Multi Hour Block Transactions Monthly Total MWh**



# **NYISO Monthly Average Ancillary Service Prices Day Ahead Market 2005 - 2006**

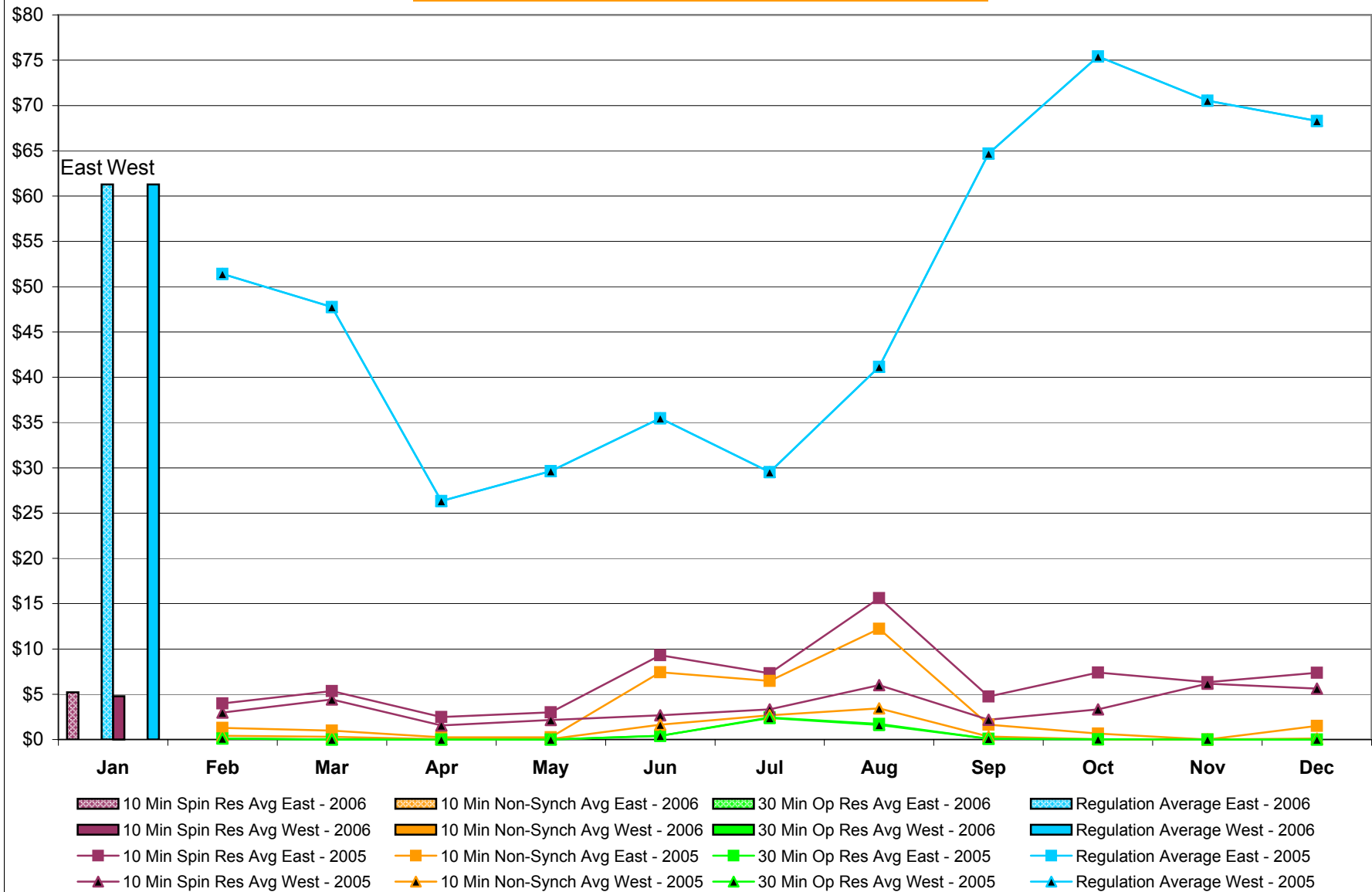


## NYISO Monthly Average Ancillary Service Prices RTC\* Market 2005 - 2006



\* Referred to as RTC beginning February 2005  
Prior to February 2005 known as BME or Hour Ahead Market (HAM)

# **NYISO Monthly Average Ancillary Service Prices Real Time Market\* 2005 - 2006**



\* The Real Time Ancillary Market began in February 2005

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

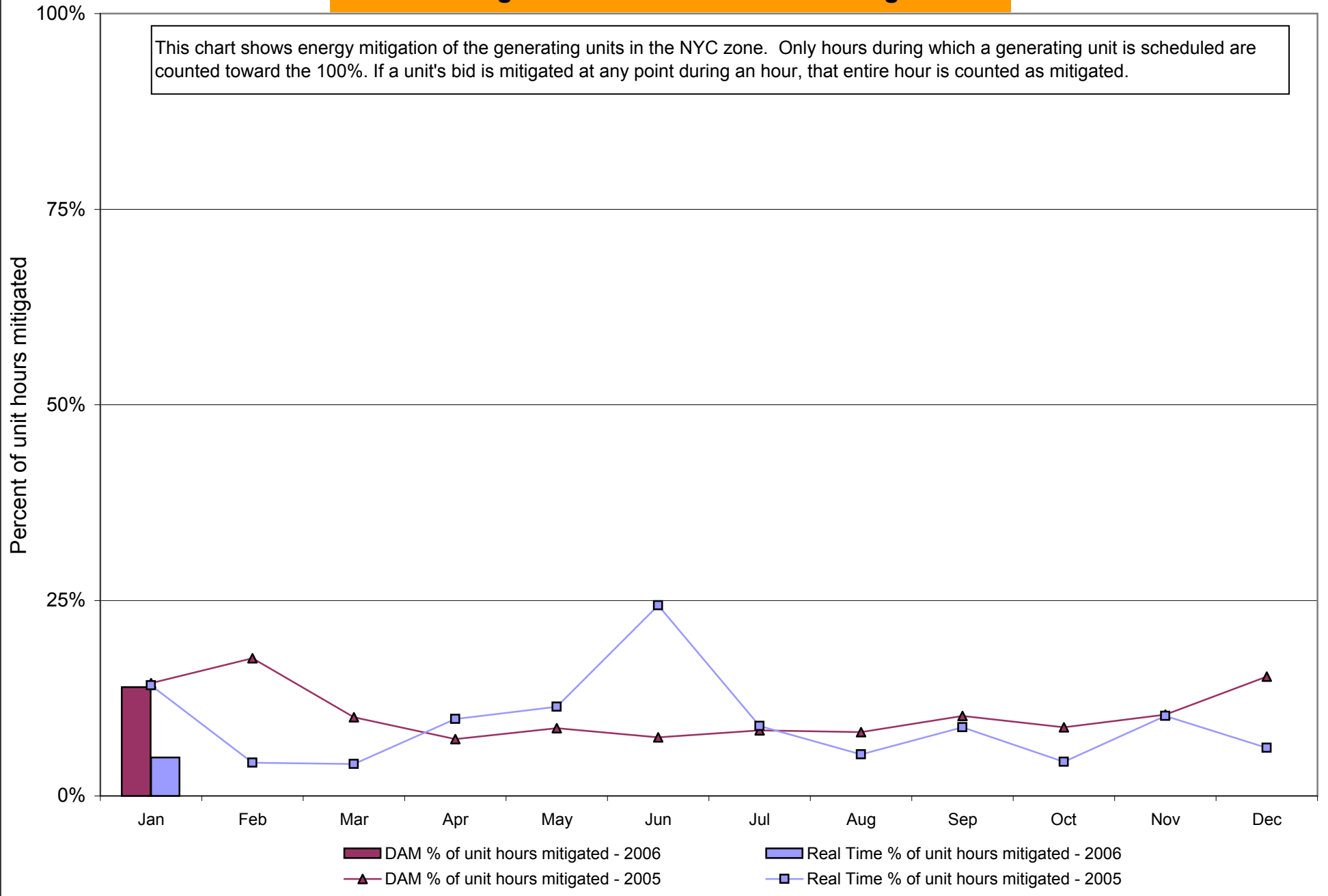
<b>2006</b>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Day Ahead Market</u></b>												
10 Min Spin East	10.86											
10 Min Spin West	6.50											
10 Min Non Synch East	1.97											
10 Min Non Synch West	0.50											
30 Min East	0.48											
30 Min West	0.48											
Regulation East	55.13											
Regulation West	55.13											
<b><u>RTC* Market</u></b>												
10 Min Spin East	4.10											
10 Min Spin West	3.71											
10 Min Non Synch East	0.02											
10 Min Non Synch West	0.00											
30 Min East	0.00											
30 Min West	0.00											
Regulation East	60.46											
Regulation West	60.46											
<b><u>Real Time Market**</u></b>												
10 Min Spin East	5.20											
10 Min Spin West	4.78											
10 Min Non Synch East	0.01											
10 Min Non Synch West	0.00											
30 Min East	0.00											
30 Min West	0.00											
Regulation East	61.28											
Regulation West	61.28											
<b>2005</b>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b><u>Day Ahead Market</u></b>												
10 Min Spin East	2.38	2.87	5.06	5.76	5.19	5.26	5.44	6.59	11.38	20.70	9.08	11.12
10 Min Spin West	2.37	1.39	4.43	5.03	4.80	4.96	4.68	4.73	5.41	5.54	6.68	8.77
10 Min Non Synch East	0.31	0.37	0.31	0.44	0.60	0.61	2.16	3.25	2.65	3.31	1.82	2.14
10 Min Non Synch West	0.31	0.13	0.20	0.24	0.23	0.43	1.54	1.75	0.63	0.47	0.59	0.52
30 Min East	0.31	0.13	0.19	0.24	0.22	0.29	0.41	0.44	0.47	0.46	0.57	0.47
30 Min West	0.31	0.13	0.19	0.24	0.22	0.29	0.41	0.44	0.47	0.46	0.57	0.47
Regulation East	30.10	40.28	32.53	23.61	24.49	28.23	22.66	23.67	52.33	66.33	68.02	58.28
Regulation West	30.10	40.28	32.53	23.61	24.49	28.23	22.66	23.67	52.33	66.33	68.02	58.28
<b><u>RTC* Market</u></b>												
10 Min Spin East	4.15	2.75	8.13	3.71	4.80	11.61	6.23	19.80	5.75	6.72	6.25	7.94
10 Min Spin West	4.20	2.23	6.90	2.46	3.58	3.84	1.24	7.72	2.50	2.69	6.06	6.45
10 Min Non Synch East	2.35	0.62	1.38	0.14	0.00	8.58	4.96	15.08	2.22	0.44	0.01	1.07
10 Min Non Synch West	2.72	0.21	0.47	0.03	0.00	1.96	0.25	4.09	0.37	0.00	0.00	0.06
30 Min East	0.83	0.05	0.00	0.00	0.00	0.62	0.08	2.22	0.12	0.00	0.00	0.00
30 Min West	0.83	0.05	0.00	0.00	0.00	0.61	0.00	2.15	0.12	0.00	0.00	0.00
Regulation East	19.23	50.66	50.65	27.85	32.87	37.80	30.07	45.47	65.10	74.90	70.23	69.23
Regulation West	19.23	50.66	50.65	27.85	32.87	37.80	30.07	45.47	65.10	74.90	70.23	69.23
<b><u>Real Time Market**</u></b>												
10 Min Spin East	-	3.99	5.34	2.47	3.00	9.30	7.30	15.60	4.75	7.40	6.32	7.36
10 Min Spin West	-	2.97	4.42	1.56	2.16	2.69	3.33	5.99	2.19	3.34	6.16	5.62
10 Min Non Synch East	-	1.27	0.98	0.25	0.24	7.43	6.46	12.22	1.63	0.65	0.00	1.49
10 Min Non Synch West	-	0.41	0.29	0.02	0.07	1.63	2.68	3.44	0.33	0.01	0.00	0.12
30 Min East	-	0.12	0.00	0.00	0.00	0.40	2.43	1.71	0.09	0.01	0.00	0.00
30 Min West	-	0.11	0.00	0.00	0.00	0.40	2.36	1.61	0.09	0.01	0.00	0.00
Regulation East	-	51.41	47.74	26.33	29.62	35.47	29.52	41.14	64.70	75.41	70.52	68.30
Regulation West	-	51.41	47.74	26.33	29.62	35.47	29.52	41.13	64.70	75.41	70.52	68.30

\* Referred to as RTC beginning February 2005. Prior to February 2005 known as BME or Hour Ahead Market (HAM).

\*\* The Real Time Ancillary Market began in February 2005.

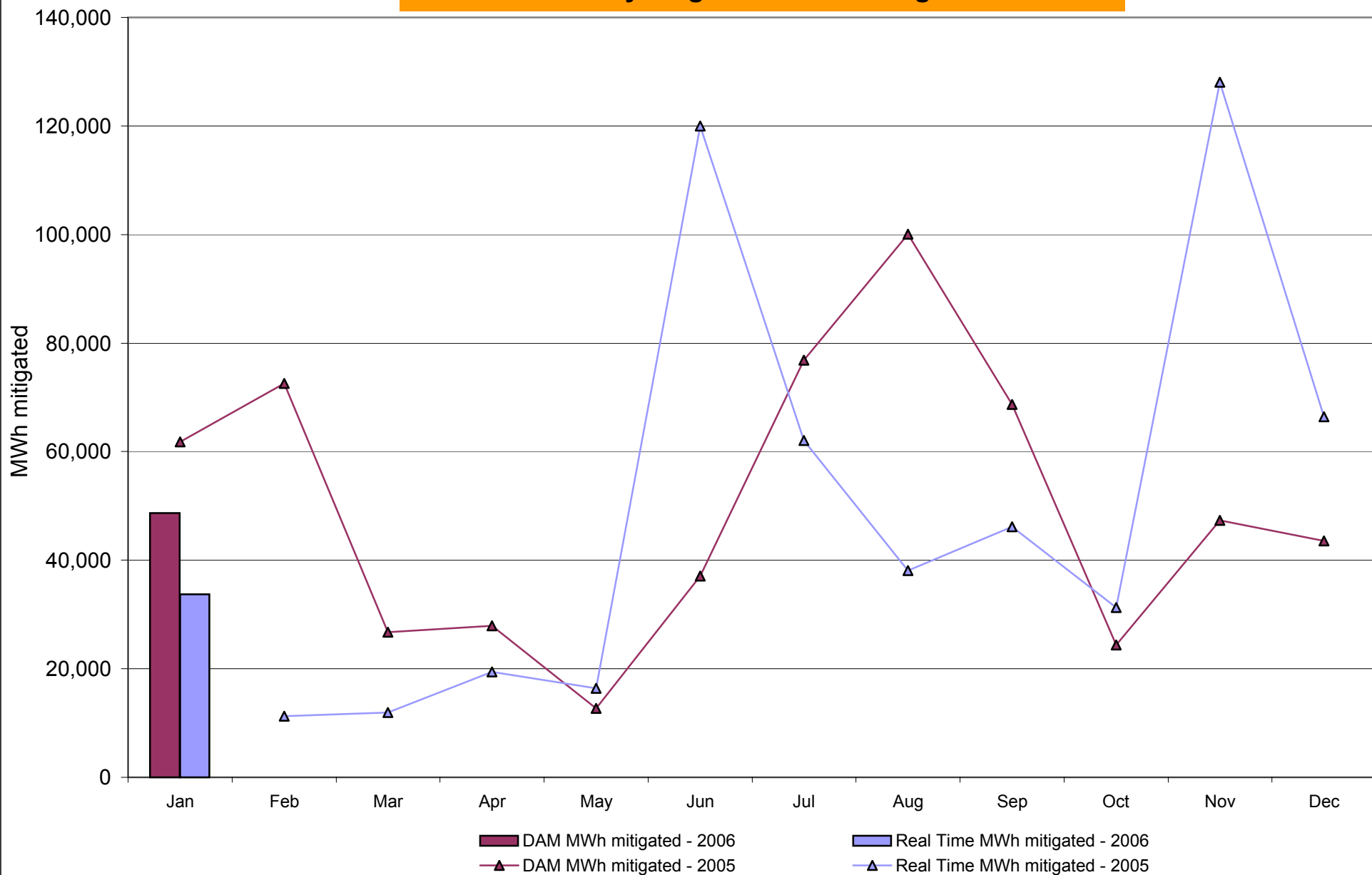
## NYISO In City Energy Mitigation (NYC Zone) 2005-2006

### Percentage of committed unit-hours mitigated



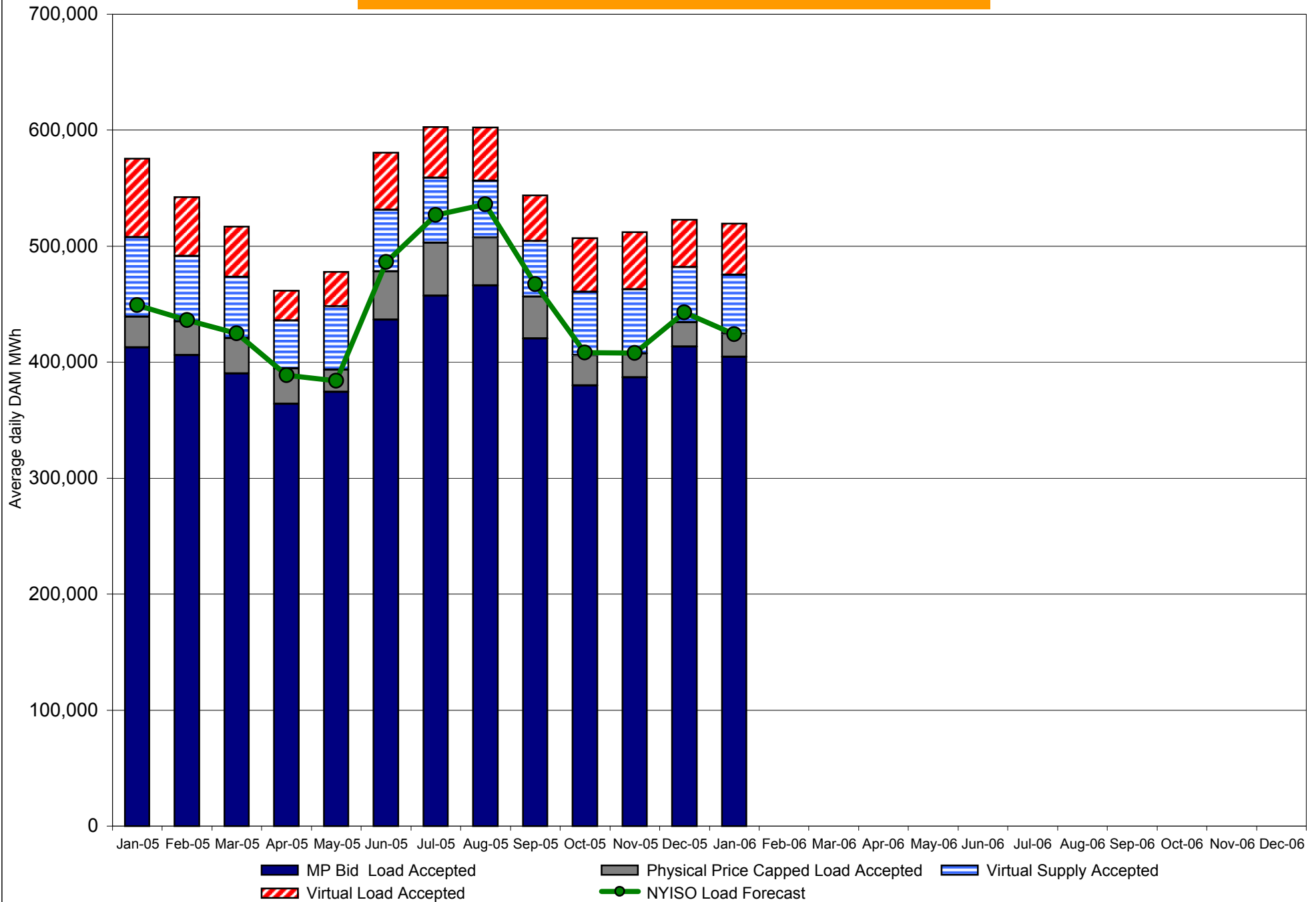


# **NYISO In City Energy Mitigation (NYC Zone) 2005-2006** **Monthly megawatt hours mitigated**

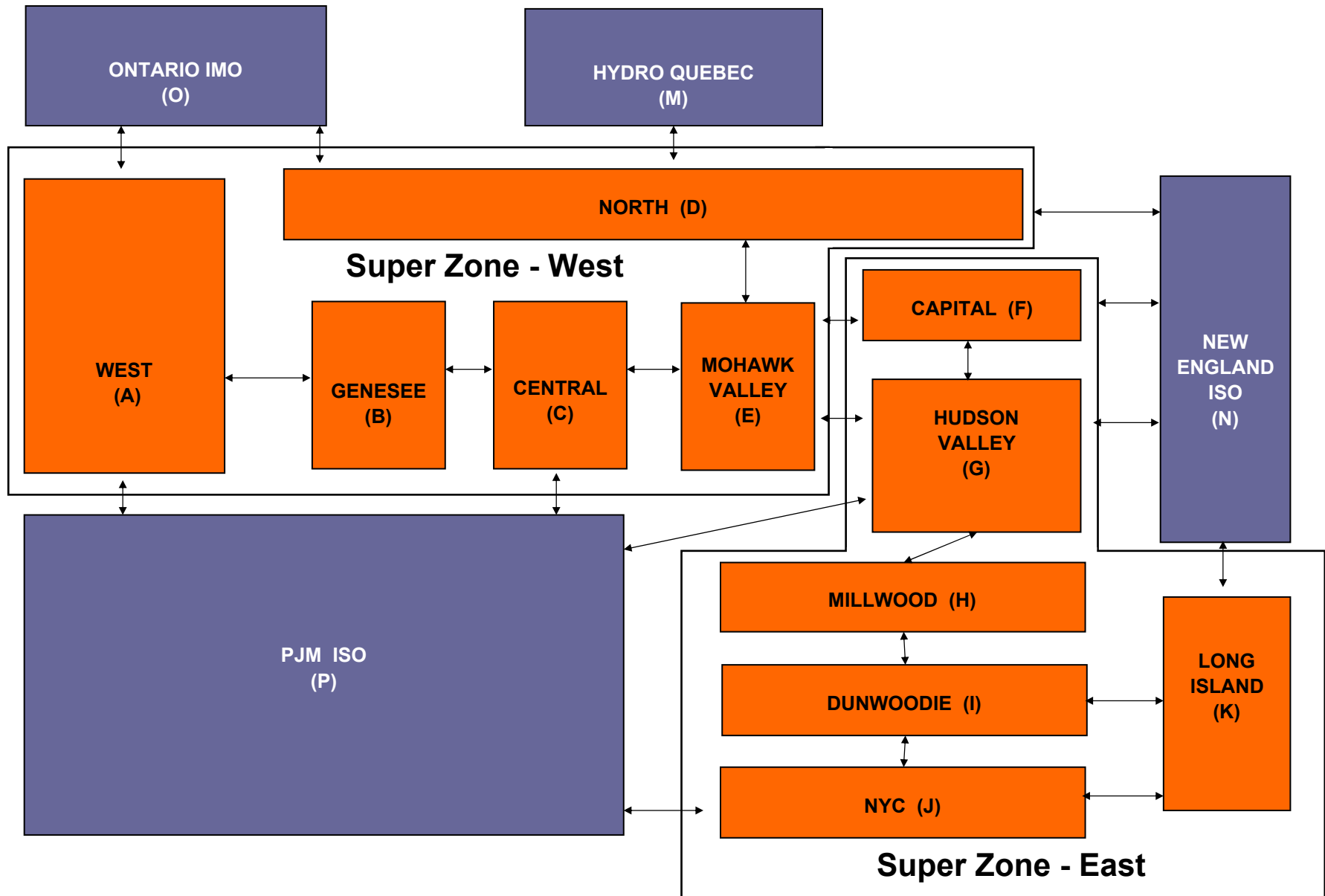


RT mitigation data available with SMD2 deployment in February 2005.

# NYISO Average Daily DAM Load Bid Summary



# NYISO LBMP ZONES

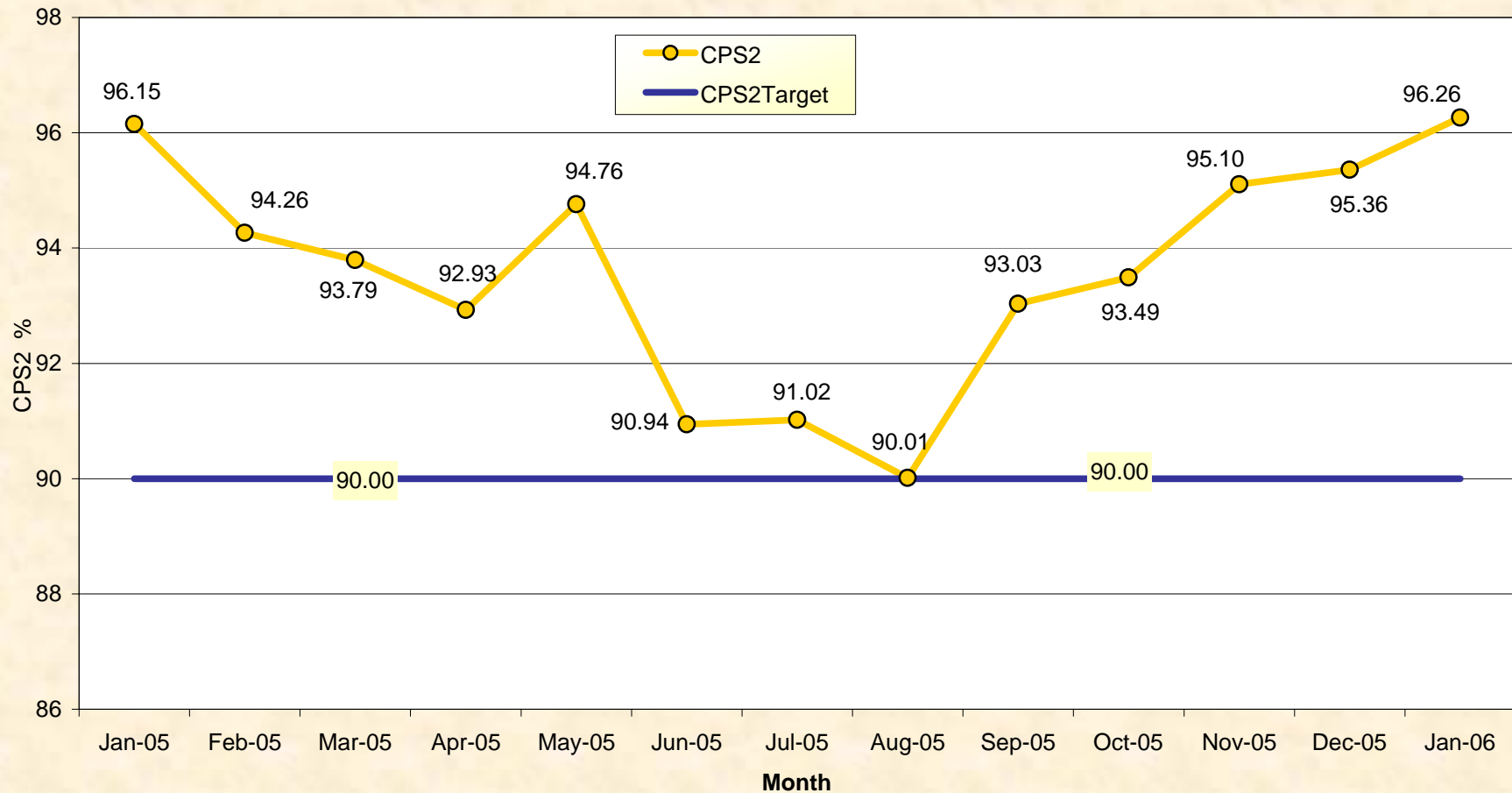


**Billing Codes for Chart 4-C**

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

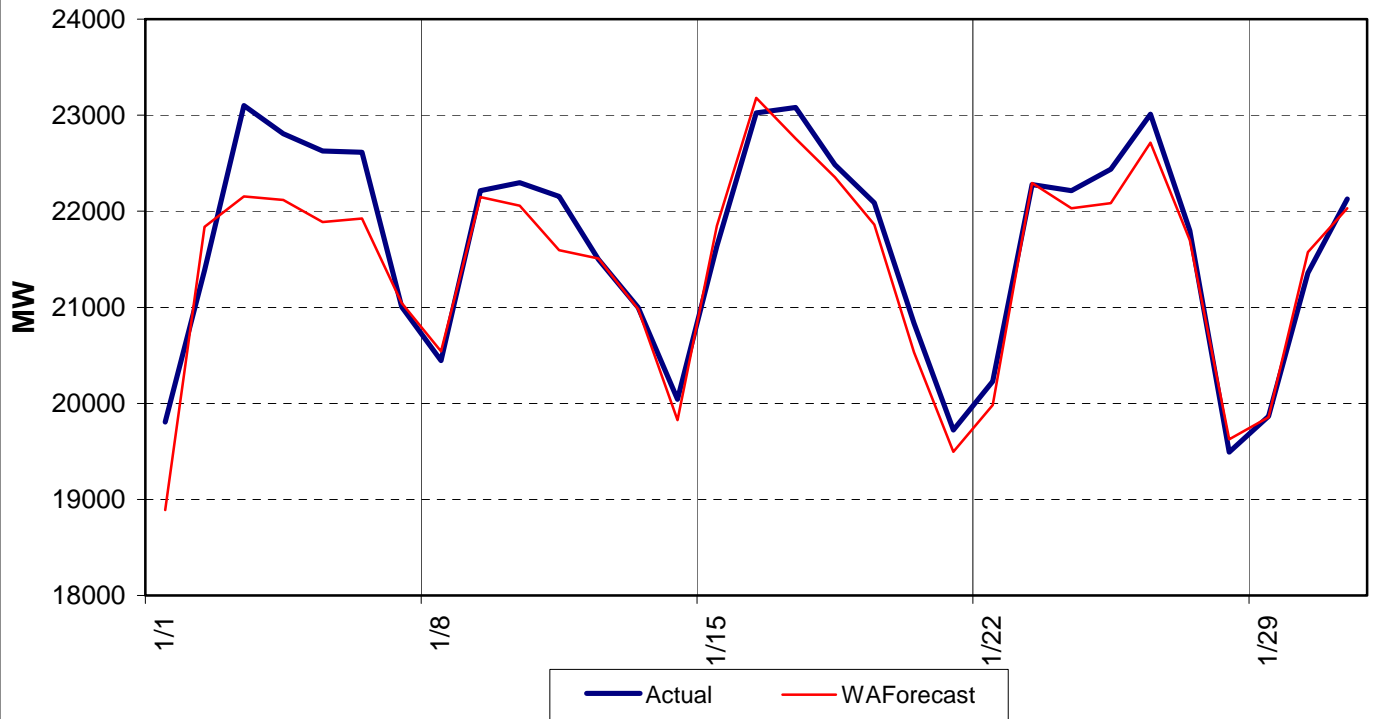
## NERC Control Performance Standard

NYISO Compliance  
Year 2003/2004

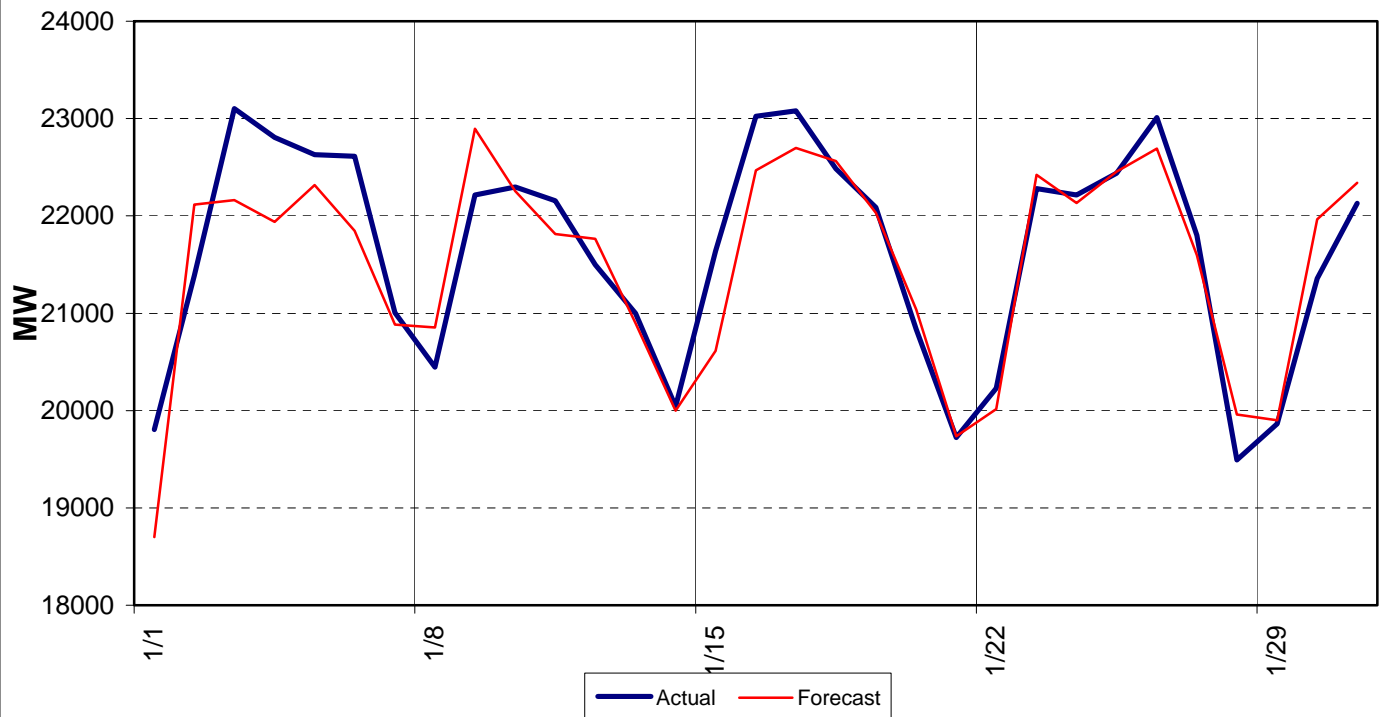


**CPS2 for January = 96.26% Compliance Threshold = 90%**  
**CPS2 measures excessive unscheduled power flow resulting from large Area Control Error (ACE)**

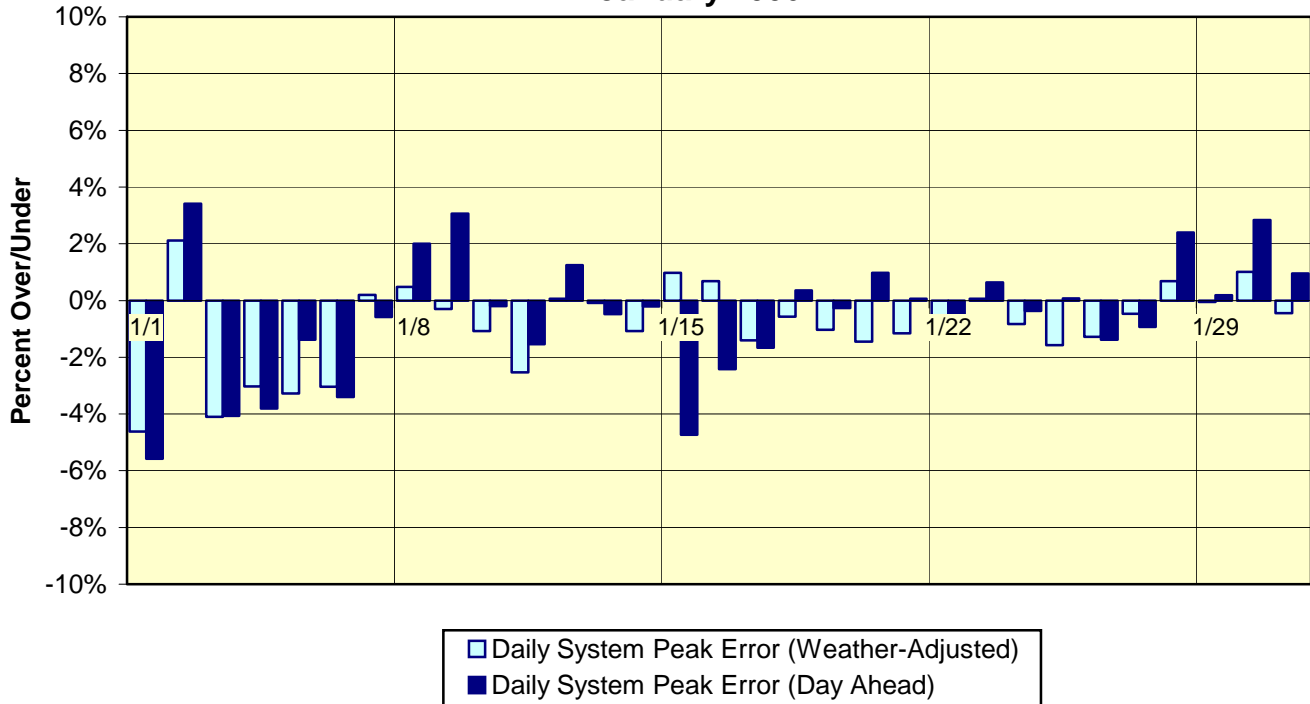
**NYISO Daily Peak Load - January 2006**  
**Actual vs. Weather-Adjusted Forecast**



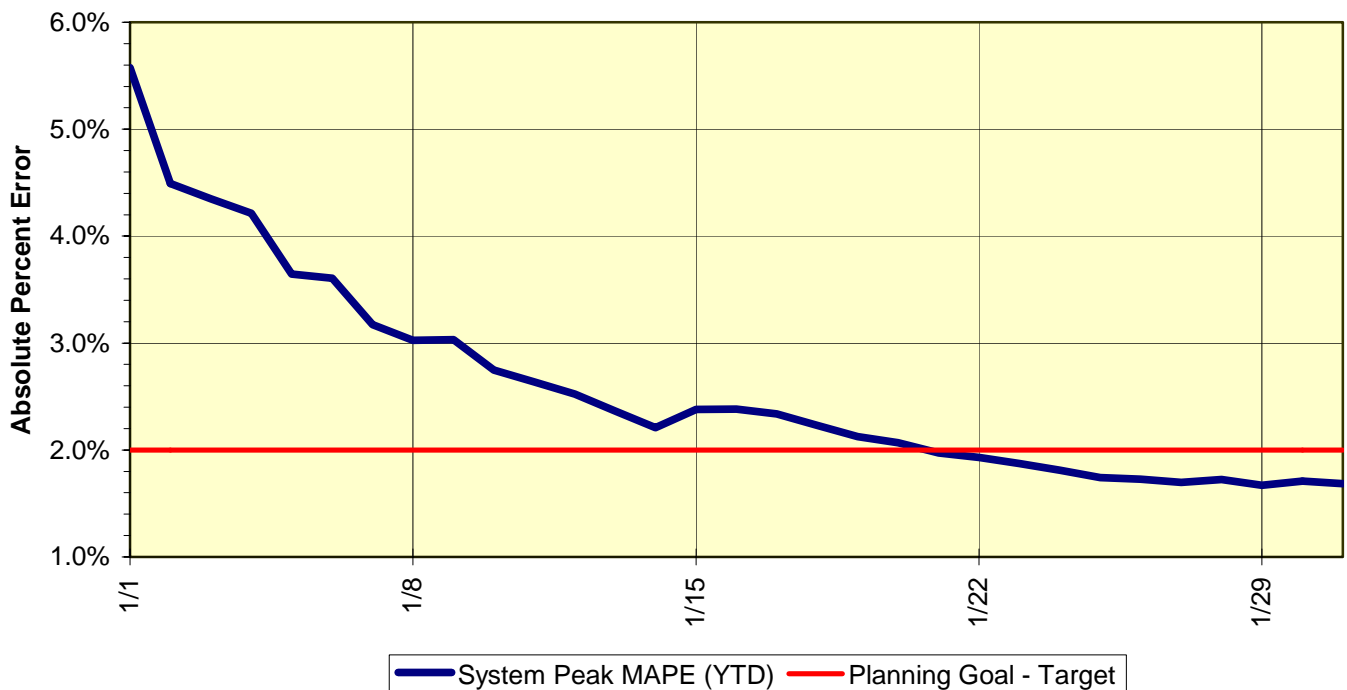
**NYISO Daily Peak Load - January 2006**  
**Actual vs. Forecast**



# **Day-Ahead Forecast** **Daily Forecast Errors of System Peak** **January 2006**



## **Day-Ahead Forecast** **Cumulative Performance - Daily System Peak** **2006 Year-to-Date**





## 2005 BUDGET VS. ACTUAL VARIANCES

(dollar amounts in thousands)

	YTD through December 2005			
	Revised Budget	Actuals	\$ Var.	% Var.
Capital Assets	\$ 21,821	\$ 22,686	\$ 865	4%
Salaries & Benefits	47,390	45,785	\$ (1,605)	-3%
Consultants	24,280	23,640	\$ (640)	-3%
Legal	5,000	6,380	\$ 1,380	28%
Building Services	4,167	4,912	\$ 745	18%
Computer Services	11,544	9,766	\$ (1,778)	-15%
Insurance	6,766	4,281	\$ (2,485)	-37%
Telecommunications	4,160	4,642	\$ 482	12%
Board of Directors	880	1,095	\$ 215	24%
Meetings, Travel, Training	2,769	2,459	\$ (310)	-11%
NPCC Fees	1,722	1,690	\$ (32)	-2%
FERC Fees	7,000	8,894	\$ 1,894	27%
Debt Service & Bank Fees	<u>26,468</u>	<u>25,737</u>	<u>\$ (731)</u>	<u>-3%</u>
<b>TOTAL CASH BUDGET</b>	<b><u>\$ 163,967</u></b>	<b><u>\$ 161,967</u></b>	<b><u>\$ (2,000)</u></b>	<b><u>-1%</u></b>
Less: Miscellaneous Revenues	(1,000)	(3,081)	(2,081)	208%
Less: Lease Income on New Building	(907)	(1,216)	(309)	34%
Less: Proceeds from 2005 Bank Financing	(20,419)	(18,000)	2,419	-12%
Plus: Interest on 2005 Bank Financing	522	451	(71)	-14%
Less: Proceeds from Mortgage	(15,939)	(16,166)	(227)	1%
Plus: Principal & Interest on Mortgage	<u>2,761</u>	<u>2,525</u>	<u>(236)</u>	<u>-9%</u>
<b>RS#1 SPENDING OVER / (UNDER) RUN</b>	<b><u>\$ 128,985</u></b>	<b><u>\$ 126,480</u></b>	<b><u>\$ (2,505)</u></b>	<b><u>-2%</u></b>

The January 2006 budget vs actual report will not be available until later in the month.





## 2006 BUDGET VS. ACTUAL VARIANCES

(dollar amounts in thousands)

	<u>YTD through January 2006</u>			
	<u>Revised Budget</u>	<u>Actuals</u>	<u>\$ Var.</u>	<u>% Var.</u>
Capital Assets	\$ 830	\$ 129	\$ (701)	-84%
Salaries & Benefits	4,106	3,829	\$ (277)	-7%
Consultants	1,979	700	\$ (1,279)	-65%
Legal	458	453	\$ (5)	-1%
Building Services	398	480	\$ 82	21%
Computer Services	877	552	\$ (325)	-37%
Insurance	385	389	\$ 4	1%
Telecommunications	426	535	\$ 109	25%
Board of Directors	109	108	\$ (1)	-1%
Meetings, Travel, Training	246	96	\$ (150)	-61%
NPCC Fees	165	165	\$ -	0%
FERC Fees	822	821	\$ (1)	0%
Debt Service & Bank Fees	<u>2,274</u>	<u>2,261</u>	<u>\$ (13)</u>	<u>-1%</u>
<b>TOTAL CASH BUDGET</b>	<b><u>\$ 13,076</u></b>	<b><u>\$ 10,518</u></b>	<b><u>\$ (2,558)</u></b>	<b><u>-20%</u></b>
Less: Miscellaneous Revenues	(153)	(261)	(108)	71%
Less: Lease Income on New Building	(154)	(163)	(9)	6%
Less: Proceeds from 2006 Bank Financing	0	0	0	n/a
Plus: Interest on 2006 Bank Financing	0	0	0	n/a
Less: Proceeds from Renovation draws	0	0	0	n/a
Plus: Interest on Renovation draws	0	0	0	n/a
Less: Applied funds from 2005	<u>(1,044)</u>	<u>(1,044)</u>	<u>0</u>	<u>0%</u>
<b>RS#1 SPENDING OVER / (UNDER) RUN</b>	<b><u>\$ 11,725</u></b>	<b><u>\$ 9,049</u></b>	<b><u>\$ (2,675)</u></b>	<b><u>-23%</u></b>

Description		Status and Milestone Deliverables
<b>Energy Marketplace Product Enhancements</b>		
A767	MIS Enhancements: Comprehensive Bid Management System	<p><b>Status:</b> This project is in the concept development phase and will be formally initiated in the first quarter of 2006.</p> <p><b>Deliverables:</b> This project will upgrade the web-based application structure to replace overlapping applications by allowing common components to support current application functionality and future application functional growth. One of the deliverables will be the implementation of a more flexible and reliable application infrastructure for the market applications. This project is part of a multi-year effort that will lead to a replacement of the Market Information System (MIS) and related bidding and scheduling applications.</p>
	Enhanced Price Validation	<p><b>Status:</b> This project is in the concept development phase and requirements phase. Concept and design work will continue through the first quarter of 2006; development progress will be dictated by various factors including regulatory process, technical feasibility, and resource constraints. The project will entail a multi-phase, multi-year implementation of tools to enhance the price monitoring, reservation, and correction processes for the NYISO markets.</p> <p><b>Deliverables:</b> The NYISO has investigated all known causes of pricing errors, and has taken a systematic approach to determine features and functions that can significantly enhance the price validation process. Product enhancements are proposed to implement proactive price monitoring, improved price reservations, and enhanced price corrections. Additionally, the NYISO will continue to aggressively pursue resolution to any issue that causes pricing errors.</p>
A769	Enhanced Scheduling of Combined Cycle Units	<p><b>Status:</b> This project is in the concept development phase. Concept and design work will continue in 2006; development progress will be dictated by various factors including, regulatory process, technical feasibility, and resource constraints.</p> <p><b>Deliverables:</b> Market Participants have historically expressed concern that NYISO does not model or schedule combined cycle generating units to their most efficient capabilities, thus impacting both real-time operations and market outcomes. This project will deliver a scheduling software solution and network modeling optimization for combined cycle generating units. Software may perform 15-minute economic dispatch scheduling for nominally off dispatch units during the real-time commitment execution and reflect those schedules into the real-time dispatch process.</p>
A706	Intra-Hour Transaction Scheduling (ITS)	<p><b>Status:</b> This project is in the concept development phase. Concept and design work will continue in 2006; development progress will be dictated by various factors including, regulatory process, technical feasibility, and resource constraints.</p> <p><b>Deliverables:</b> In 2005, the NYISO conducted a pilot project to assess the ability to evaluate and schedule intra-hour transactions and to identify any operational issues with scheduling. Additional work in 2006 will be based on the outcome of the pilot program, however, it is not assured that any significant software development will be completed in 2006.</p>

Description		Status and Milestone Deliverables
	Wind Forecasting	<p><b>Status:</b> This project is in the concept development phase. Concept and design work will continue in 2006; development progress will be dictated by various factors including, regulatory process, technical feasibility, and resource constraints.</p> <p><b>Deliverables:</b> Design and implementation of the required forecasting systems that would be necessary to efficiently and reliably manage the introduction of significant amounts of intermittent energy sources in New York.</p>
<b>ICAP Marketplace Product Enhancements</b>		
A543	ICAP Market Automation – Phase I	<p><b>Status:</b> Verification testing by Auxiliary market operations and market trials by Market Participants were completed in 2005. Parallel testing of all the features has been ongoing since the 4<sup>th</sup> quarter of 2005. Full deployment and activation of the project is scheduled for March 2006.</p> <p><b>Deliverable:</b> An automated application to run the ICAP market, also implementing a security model for single sign-on. Allow Market Participants to place bids and offers via the web or upload templates, execute the monthly and strip auctions, perform certification, run the spot auction and post the results and bills.</p>
	ICAP Auction Automation – Phase II	<p><b>Status:</b> This project is in a preliminary planning phase and will be formally initiated in 2006, following the successful deployment of phase 1 and subsequent post-deployment review of ICAP market operations.</p> <p><b>Deliverables:</b> Following the implementation of the first phase of the ICAP Auction Automation software project, a certain subset of enhancements are planned to complete the full suite of planned features.</p>
<b>TCC Marketplace Product Enhancements</b>		
A541	TCC Auction Automation – Phase I	<p><b>Status:</b> The testing process for the first phase of the TCC Auction Automation project is well underway. The Awards processing is the planned first phase deliverable. Following phases will address the database and Bidding functions required to fully automate the auction processes. Testing is proceeding well; deployment is scheduled for the 2<sup>nd</sup> quarter of 2006.</p> <p><b>Deliverables:</b> This project will take a phased approach to fully automate the TCC auction and data validation processes. Preliminary phases produced a set of data validation tools that compliment the current (manual) processes. Final delivery will produce user interfaces that can support the online data entry, reporting of TCC auction information, and provide auction data to the auction analysis products. It is anticipated this project will continue into 2007.</p>
	TCC Auction Automation – Phase II & III	<p><b>Status:</b> This project is in a preliminary planning phase and will be formally initiated in 2006.</p> <p><b>Deliverables:</b> Following the implementation of the first phase of the TCC Auction Automation software project, following phases will deliver the Database and Bidding functionality required to fully automate the TCC markets.</p>

Description		Status and Milestone Deliverables
<b>Operations and Reliability Product Enhancements</b>		
		<b>Status:</b> This project is in a preliminary planning phase and will be formally initiated in 2006.
A770	Outage Schedule Reporting	<b>Deliverables:</b> As part of the SMD2 project, the Outage Scheduling software was moved entirely to the Ranger system for both Scheduling and Operations to provide consistency. However, the processes of creating the Outage Schedule reports remains on a secondary database. The creation of the required reports will be ported to the RANGER system.
		<b>Status:</b> This project is in a preliminary planning phase and will be formally initiated in 2006.
A843	Integration of OOM and SRE Applications	<b>Deliverables:</b> Replacement of the Out of Merit (OOM) and Supplemental Resource Evaluation (SRE) applications used by the control room floor. These applications are currently built upon an unsupported platform (Oracle Forms) and can be design to be more efficient and error prone if they are consolidated into a single suite of application functions.
<b>Financial Service Product Enhancements</b>		
		<b>Status:</b> This project is in the detailed requirements; deployment is planned in the 4 <sup>th</sup> quarter of 2006.
A845	BAS Replacement / Billing Engine	<b>Deliverables:</b> Implementation of a rules-based design as a replacement to the settlements engine in the Billing and Accounting System (BAS). Project will leverage technology investment made as part of the Billing Simulator and will lead to a higher performing calculation engine for billing, as well as a more flexible architecture for managing future changes to the settlements processes. This project is part of a multi-year effort to replace the entire billing system including, the invoicing components, web-based reconciliation, and integration of certain credit functions.
		<b>Status:</b> This project is in the detailed requirements phase; deployment is planned in 2006
A836	Automation of Voltage Support Service (VSS) Payments	<b>Deliverables:</b> Automation of a manual settlements' process. This effort is part of a larger effort to reduce and / or eliminate the need to perform manual billing adjustments on customer invoices. Opportunities will be explored through the year to determine additional automation features that can be implemented, and those projects will be individually presented as they are launched.
<b>Business Intelligence Product Enhancements</b>		
		<b>Status:</b> This project is in the detailed requirements phase. Phased deliveries are scheduled to provide functionality in 2 <sup>nd</sup> and 3 <sup>rd</sup> quarters of 2006.
	DSS Pricing and Operational Data Mart	<b>Deliverables:</b> During recent years, the NYISO has made a significant investment in data warehousing technology through the implementation of the Decision Support System (DSS) to support the NYISO settlements processes. This project will expand the DSS customer base by delivering pricing data that will support the price validation processes and provide greater transparency to the NYISO markets.

Description		Status and Milestone Deliverables
Enhanced Portal Dashboards		<p><b>Status:</b> This project is in a preliminary planning phase and will be formally initiated in 2006.</p> <p><b>Deliverables:</b> Enhancements made to the NYISO Portal platform to support the implementation of the new data elements available through the Decision Support System (DSS), as well as improved reporting functionality to augment a wide variety of data supplied through this mechanism. Initial focus will be applied to the pricing and operational data capabilities.</p>
Other NYISO Key Projects		
A775	Consolidate NYISO Offices	<p><b>Status:</b> Personnel relocation activities have completed that enabled the NYISO to vacate the Washington Avenue facility and fully occupy the 4<sup>th</sup> floor of the new Head Quarters facility. The Phoenix Company employees have vacated the remaining floors of the new building; planning phases are underway for NYISO construction of floors 1-3.</p> <p><b>Deliverables:</b> This project seeks to secure ~150,000 square feet of office space to include administrative offices, alternate control center and back-up IT/disaster recovery functionality. During 2006, this facility would replace the current NYISO locations at Washington Avenue, Wolf Road, and Western Turnpike.</p>

## NYISO REGULATORY FILINGS – JANUARY 2006

Jan. 3, 2006	NYISO filing of its third annual compliance report on implementation of the ICAP Demand Curve and Withholding Behavior under the ICAP Demand Curve (ER03-647-008)
Jan. 3, 2006	Third party filing of a motion to intervene regarding NYISO's 12/9/05 filing of proposed amendments to the black start provisions in Services Tariff Rate Schedule 5 and OATT Rate Schedule 6 (ER06-310-000)
Jan. 11, 2006	NYISO filing of comments regarding the FERC NOPR concerning transmission pricing reforms and power gird investment (RM06-4-000)
Jan. 17, 2006	NYISO compliance filing regarding removal of references to "gas turbines" and replacing them with "peaking units" in language regarding procedures for setting and reviewing future ICAP Demand Curves (ER05-428-006)
Jan. 17, 2006	Third party filing of a motion to leave to answer the Keyspan protest and request for relief regarding NYISO's 12/9/05 filing of proposed amendments to the black start provisions in Services Tariff Rate Schedule 5 and OATT Rate Schedule 6 (ER06-310-000)
Jan 18, 2006	NYISO, Con Ed, PJM, and PSEG filing of a joint request for an extension of time to respond to the status reports regarding the Con Ed complaint v. NYISO, PJM, and PSEG involving certain transmission contracts (EL02-23-009/010/011)
Jan. 18, 2006	NYISO and NYTO joint compliance filing regarding revised versions of Order No. 661's <i>pro forma</i> appendices, which establish special technical criteria for the interconnection of large wind generators (ER06-506-000, RM05-4-000/001)
Jan. 19, 2006	NYISO and NYTO joint errata compliance filing regarding revised versions of Order No. 661's <i>pro forma</i> appendices, which establish special technical criteria for the interconnection of large wind generators (ER06-506-000, RM05-4-000/001)
Jan. 19, 2006	Third parting filing of a motion to intervene regarding the joint NYISO ISONE filing of a coordination agreement and emergency pricing procedure (ER06-421-000)
Jan. 20, 2006	NYISO filing of an answer to Keyspan's protest regarding NYISO's black start service filing (ER06-310-000)
Jan 23, 2006	NYISO filing of a request for waiver of tariff provisions and expedited action regarding NYISO's cost allocation process for interconnection projects (ER06-558-000)
Jan. 23, 2006	Third party filing of a motion to intervene regarding NYISO's 12/23/05 biannual compliance report concerning demand response programs and the addition of new generation (ER01-3001-014)

Jan. 25, 2006	NYISO filing of comments and presentation materials for FERC's 1/25/06 technical conference on demand response and advanced metering (AD06-2-000)
Jan. 26, 2006	Third party filing of a request for rehearing of FERC's 12/27/05 order concerning on NYISO's use of the 97 <sup>th</sup> percentile price calculation methodology for collateral requirements in the virtual transaction market (ER05-941-001/002)
Jan. 30, 2006	NYISO, PJM and PSE&G joint filing of a protest of Con Ed's second compliance report regarding the operating protocol (EL02-23-011)
Jan. 30, 2006	Con Ed filing of a protest regarding the joint NYISO and PSE&G 12/30/05 status report concerning the operating protocol (EL02-23-009/010)
Jan. 30, 2006	NYISO filing of a status report on voltage support service negotiations (ER06-291-000)
Jan. 30, 2006	NYSE&G, RG&E, and CHG&E filing of a joint motion for clarification of FERC's 12/30/06 order regarding VSS dispute resolution (ER06-291-000)
Jan. 31, 2006	Keyspan filing of a reply to NYISO's 1/20/06 Answer to Keyspan's Protest of NYISO's proposed black start tariff revisions (ER06-310-000)
Jan. 31, 2006	NYISO compliance report filing demonstrating the inadequacy of a one-day multiplier in the formula used to calculate collateral requirements for virtual transactions (ER05-941-006)

This list is current as of 3:56 P.M. January 31, 2006.

## **FERC ORDERS – JANUARY 2006**

- Jan. 6, 2006 FERC data request regarding market mitigation implementation errors and limited request for tariff waivers  
(ER06-185-000)
- Jan. 19, 2006 FERC letter order accepting NYISO's 10/17/05 compliance filing regarding consultation with Market Participants prior to applying mitigation outside New York City  
(ER04-230-018, ER01-3155-013, ER01-1385-022, EL01-45-021)
- Jan. 19, 2006 FERC supplemental notice for a technical conference regarding matters raised by the reliability pricing model filed by PJM  
(ER05-1410-000)
- Jan. 19, 2006 FERC NOPR to amend its regulations governing small power production and cogeneration in response to section 1253 of Energy Policy Act of 2005  
(RM6-10-000)
- Jan 19, 2006 FERC Final Rule amending its regulations amending its regulations prohibiting the energy market manipulation  
(RM06-3-000)
- Jan. 23, 2006 FERC order granting a third party's request for clarification that refunds already made by NYISO regarding prices charged for May 2000 should not be returned or adjusted  
(EL01-19-007, EL02-16-007)
- Jan. 24, 2006 FERC notice of settlement judge status report and 2/21/06 conference regarding HQ and PSEG vs. NYISO proceeding  
(EL01-19/004/005/006, EL02-16/004/005/006)
- Jan. 26, 2006 FERC order requiring amendment to NYISO compliance reports regarding the status of the implementation in the RTS software  
(ER04-230-010/014/019)
- Jan. 27, 2006 FERC deficiency letter regarding NYISO's filing of proposed compensation provisions to Services Tariff Rate Schedule 5 and OATT Rate Schedule 6 concerning Black Start and System Restoration Services  
(ER06-310-000)
- Jan. 31, 2006 FERC order conditionally accepting NYISO's Services Tariff revisions regarding documentation to avoid collection of New York state or local taxes  
(ER05-1507-000)

This list is current as of 1.37 P.M. January 31, 2006.