



2010 Q1 – Energy Update

ESPWG
May 28, 2010

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New York Independent System Operator

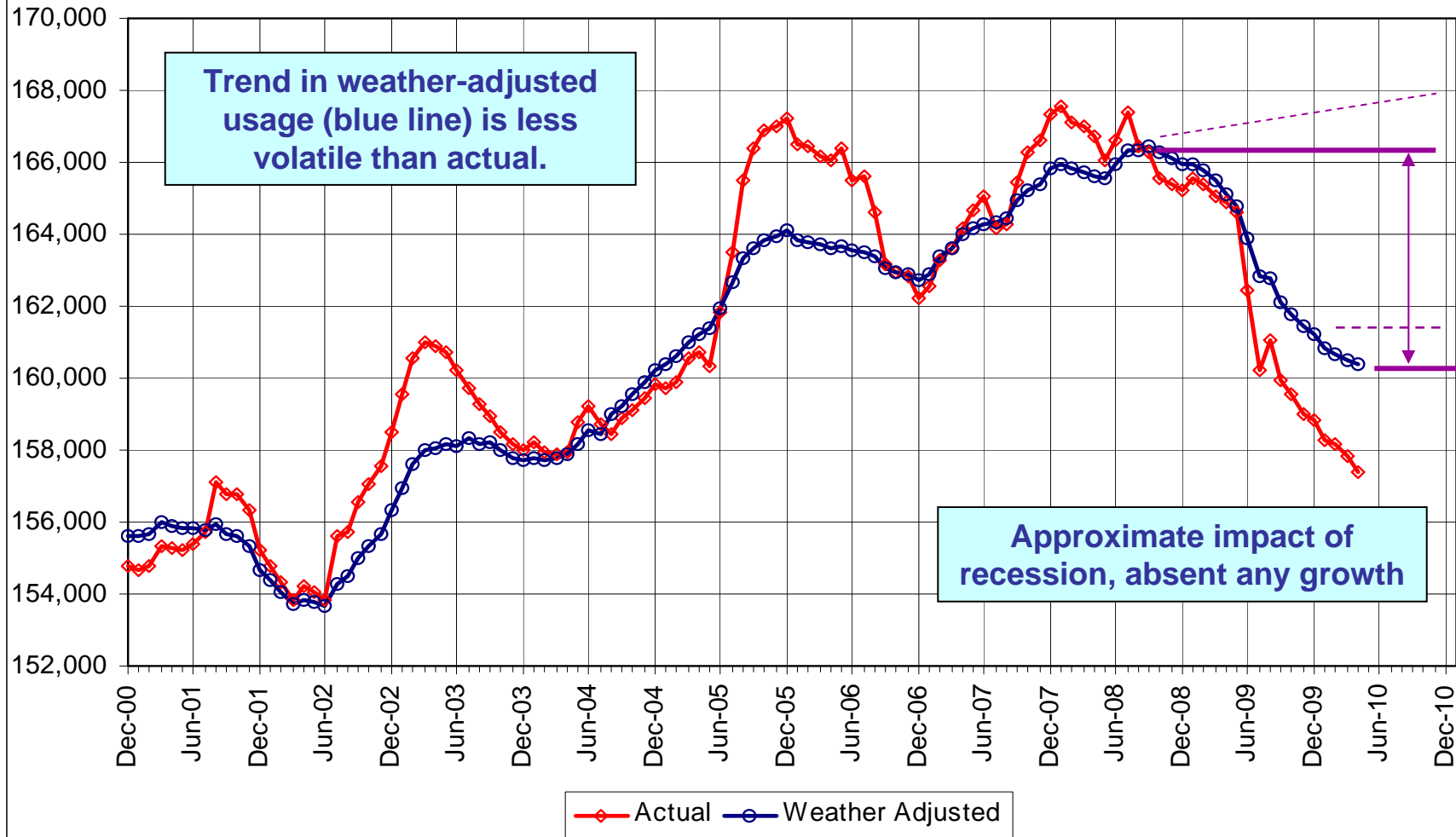
Draft – for discussion purposes only

Energy Usage Summary

- ◆ Impact of recession on weather-adjusted energy usage is about 6,400 GWh from October 2008 through April 2010.
 - *Possible additional adjustments: impact of EE programs (about 600 GWh) and lost economic growth (about 1,500 to 2,000 GWh)*
- ◆ Current economic indicators have begun to move up since December 2009
- ◆ As of Mid-May, actual energy usage trend is flat or slightly increasing throughout the state.

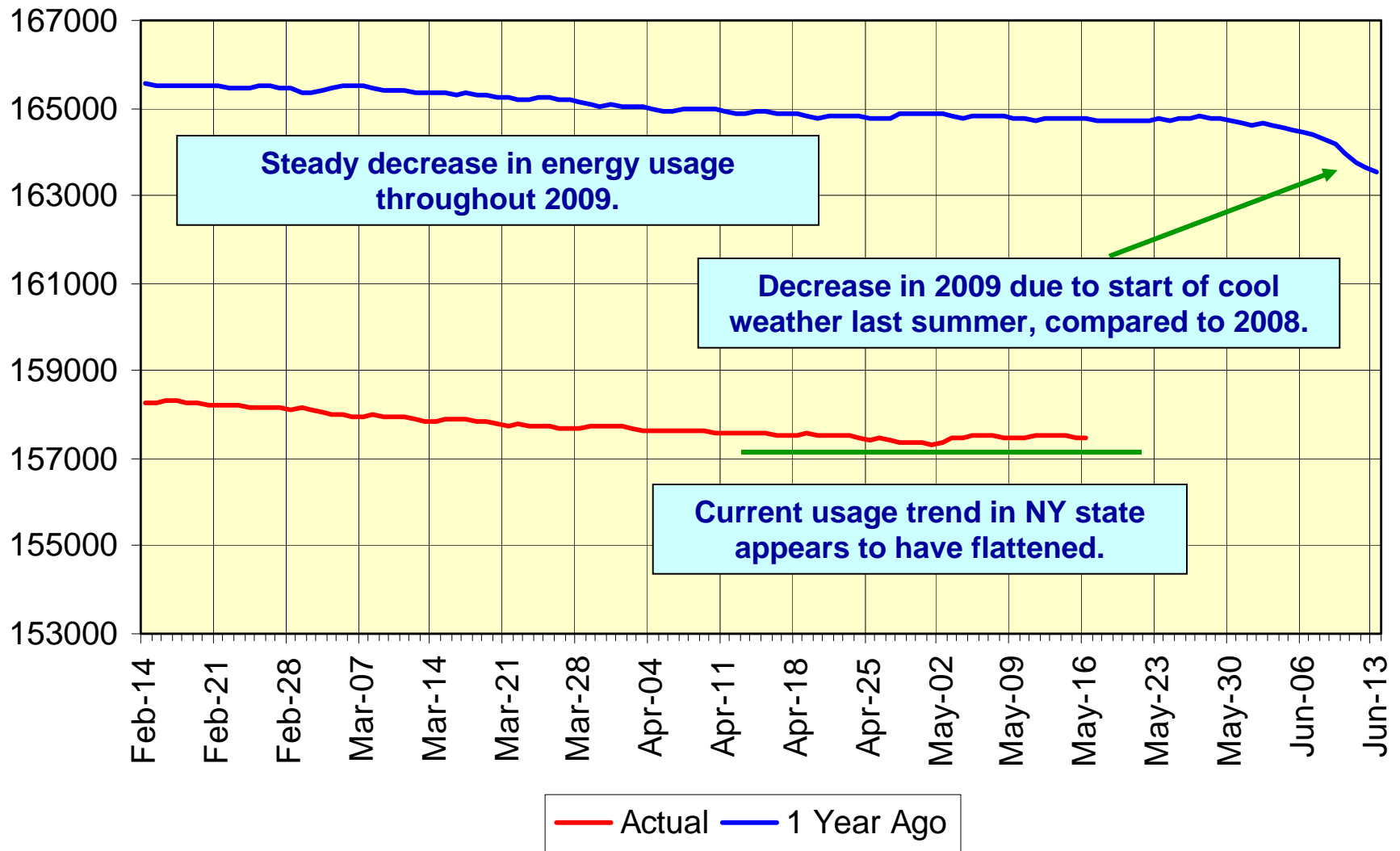
New York State Energy Sendout (GWh)

12 Month Moving Sum, Actual & Weather Adjusted

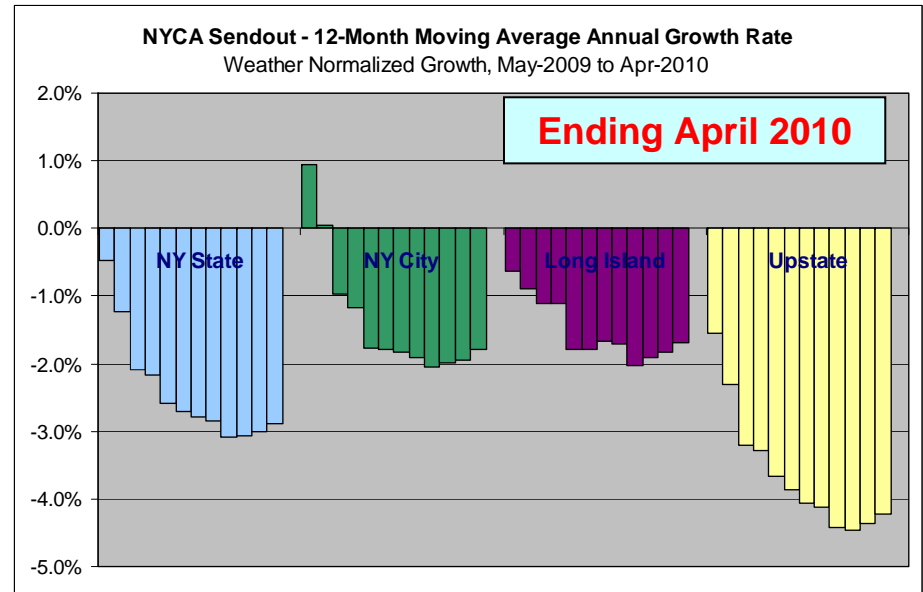
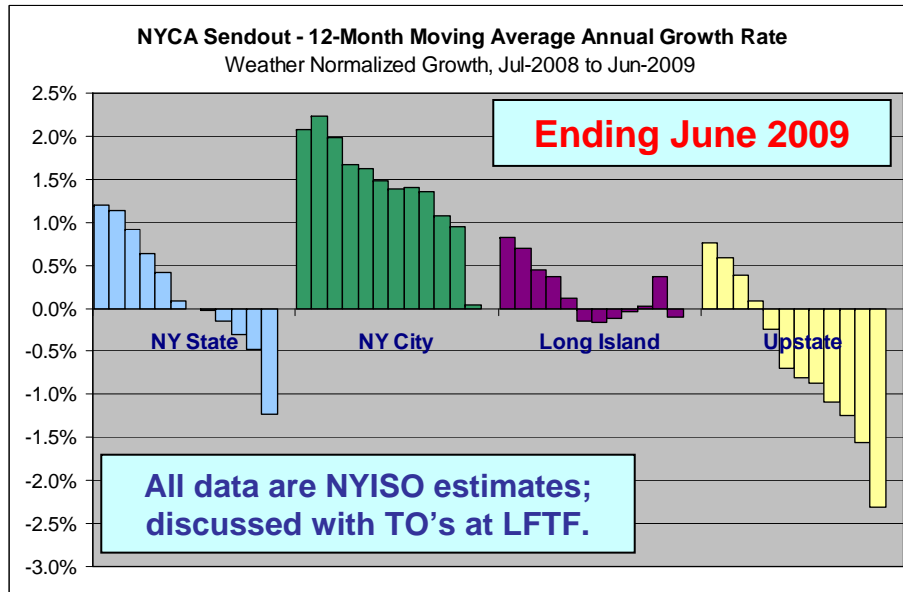
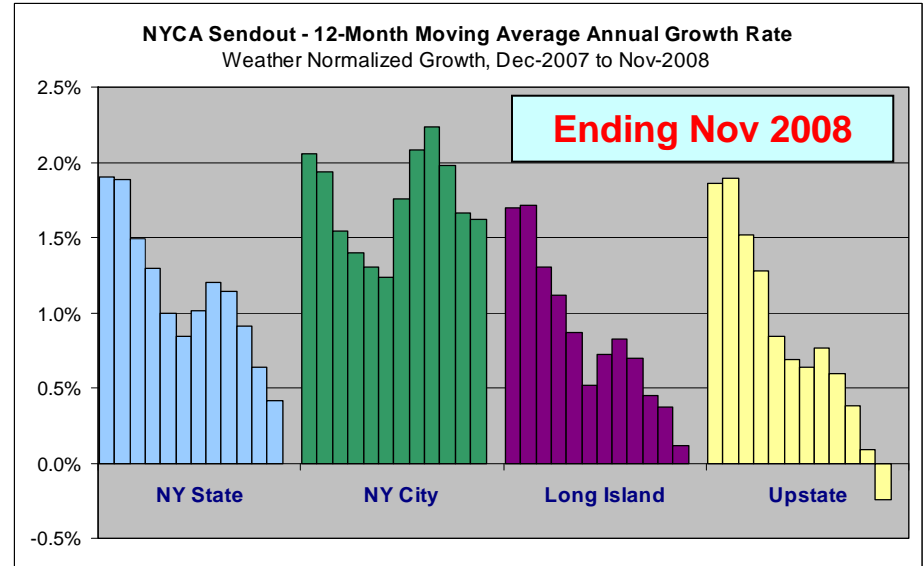
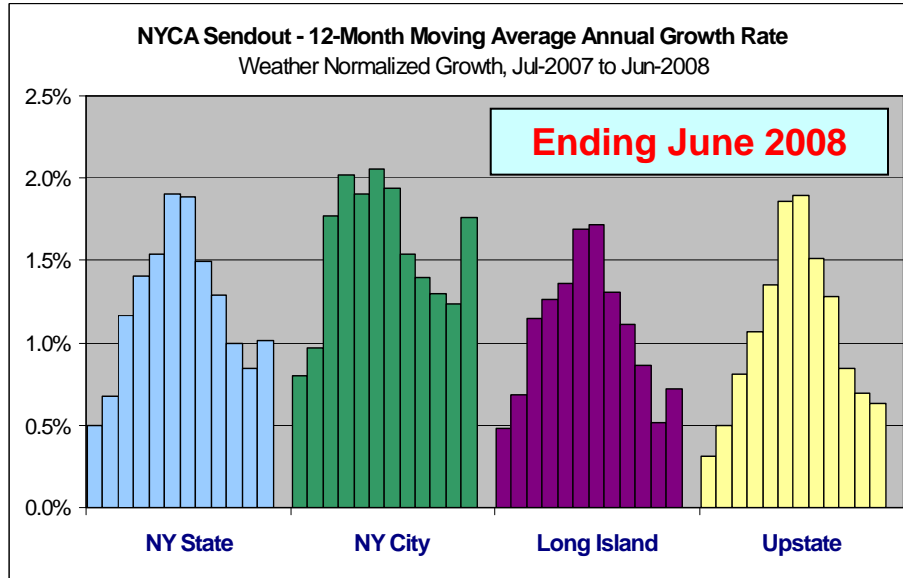


NY State Daily Energy Tracker - GWh

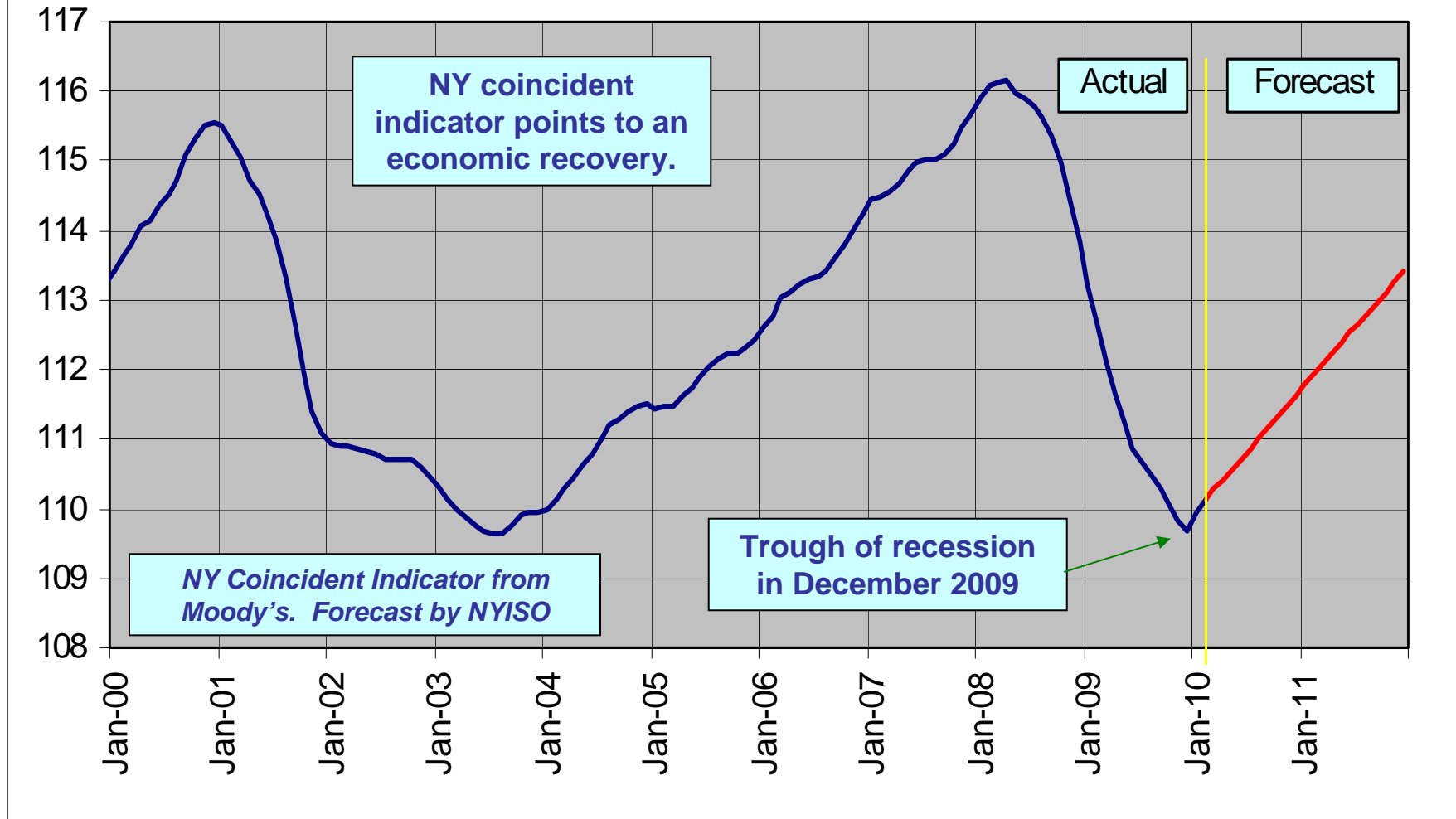
365 Day Moving Sum



Impact of the 2009 Recession on Annual Growth Rates: June 2008 to April 2010



NY Coincident Economic Indicator Actual & Forecast



Energy Efficiency Impacts in 2010 RNA

- ◆ EEPS projection by DPS was to achieve 1,852 GWh by 2010, and 3,308 GWh by 2011
- ◆ Current DPS estimate is 158 GWh achieved through 2010 Q1, based on unaudited tracking reports from NYSERDA and utilities.
- ◆ NYISO projection in 2010 RNA for EEPS was 482 GWh by 2010 and 1,155 by 2011
- ◆ Quarterly reports from NYPA, LIPA & NYSERDA SBC-3 not yet available.

DPS Projection of EEPS Through 2011 Provided by DPS (December 2009)

ELECTRIC:

<u>Budget:</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
NYSERDA	\$18,801,762	\$87,729,815	\$107,603,930	\$104,549,622
Central Hudson	-	4,009,237	7,515,866	7,873,794
Con Edison	-	25,797,238	84,933,848	91,778,848
NYSEG	-	-	11,719,630	15,687,030
Niagara Mohawk	-	19,288,303	55,930,011	58,615,594
O&R	-	2,838,064	5,483,975	5,483,975
RG&E	-	-	6,869,667	9,133,657
Total	\$18,801,762	\$139,662,657	\$280,056,927	\$293,122,520
Cumulative Dollars	\$18,801,762	\$158,464,420	\$438,521,346	\$731,643,867

<u>Savings (MWh)</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
NYSERDA	62,385	420,125	662,847	867,800
Central Hudson	-	12,917	22,162	23,248
Con Edison	-	81,761	196,340	218,294
NYSEG	-	-	36,088	49,342
Niagara Mohawk	-	69,367	239,539	249,751
O&R	-	9,596	19,718	19,718
RG&E	-	-	19,414	27,384
Total	62,385	593,766	1,196,108	1,455,537
Cumulative MWh	62,385	656,151	1,852,259	3,307,796

**Excludes contributions of LIPA, NYPA,
NYSERDA (SBC-3) & Codes & Standards.**

Summary of Statewide EE Impacts

2010 Statewide Energy Efficiency Projections - 2010 Gold Book

Year	LIPA	NYPA	Other State Agencies	NYSERDA - SBC 3	Utilities + T&D	Codes & Standards	EEPS - NYSERDA	EEPS - Utilities	Expected Annual GWh	Expected Cumulative GWh
2010	183	89	0	164	0	58	299	183	976	976
2011	146	118	0	204	23	238	705	450	1,884	2,860
2012	164	165	0	224	35	406	687	457	2,138	4,997
2013	175	220	0	137	58	322	513	343	1,768	6,765
2014	179	205	0	118	58	294	475	318	1,647	8,413
2015	188	187	0	95	58	258	428	287	1,501	9,914
2016	162	120	0	166	58	362	347	227	1,441	11,355
2017	125	60	0	166	58	362	126	76	972	12,327
2018	126	60	0	166	0	362	0	0	713	13,040
2019	113	60	0	166	0	0	0	0	339	13,379
2020	79	60	0	166	0	0	0	0	305	13,684
GWh	1,640	1,345	0	1,769	350	2,660	3,579	2,340	13,684	
Goal	2,337	1,894	853	3,775	1,163	8,572	5,014	3,277	26,886	
Pct	70%	71%	0%	47%	30%	31%	71%	71%	51%	



The New York Independent System Operator (NYISO) is a not-for-profit corporation that began operations in 1999. The NYISO operates New York's bulk electricity grid, administers the state's wholesale electricity markets, and provides comprehensive reliability planning for state's bulk electricity system.

www.nyiso.com