



# *Energy Efficiency Status Report - 2010 Q2*

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# Energy Efficiency Assumptions in 2010 RNA Base Case

- ◆ **Assumes 90% realization rate on impacts**
- ◆ **Program spending & initial energy impacts consistent with DPS & TO projections**
- ◆ **70% achievement rates for LIPA, NYPA, Utilities & new NYSERDA programs**
  - *Reduction may be attributed to several factors: less than full participation and free-ridership among those who do*
- ◆ **Lower rates of achievement for NYSERDA's SBC-3 programs and Building Codes & Standards, which to some extent are already included in econometric models**

# Summary of Statewide Energy Impacts

## 2010 RNA Base Case

### Calendar Year 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
<b>GWh</b>	<b>1,640</b>	<b>1,345</b>	<b>0</b>	<b>1,769</b>	<b>350</b>	<b>2,660</b>	<b>3,579</b>	<b>2,340</b>	<b>13,684</b>	

<b>Goal</b>	<b>2,337</b>	<b>1,894</b>	<b>853</b>	<b>3,775</b>	<b>1,163</b>	<b>8,572</b>	<b>5,014</b>	<b>3,277</b>	<b>26,886</b>	
<b>Pct</b>	<b>70%</b>	<b>71%</b>	<b>0%</b>	<b>47%</b>	<b>30%</b>	<b>31%</b>	<b>71%</b>	<b>71%</b>	<b>51%</b>	

**2010 Statewide Energy Efficiency Programs - GWh**  
 Net Annualized Impacts by Quarter - As Reported and Projected

Program Administrator	Reported		Projected		Overall
	2010 Q1	2010 Q2	2010 Q3	2010 Q4	2010 Net Annualized
NYSERDA SBC Programs	230	260	260	250	1,000
LIPA Programs	44	86	85	50	265
NYPA Programs	34	40	40	36	150
EEPS (NYSERDA & IOUs)	73	237	150	160	620
Building Codes & Standards	-	-	-	-	-
<b>TOTAL</b>	<b>381</b>	<b>623</b>	<b>535</b>	<b>496</b>	<b>2,035</b>

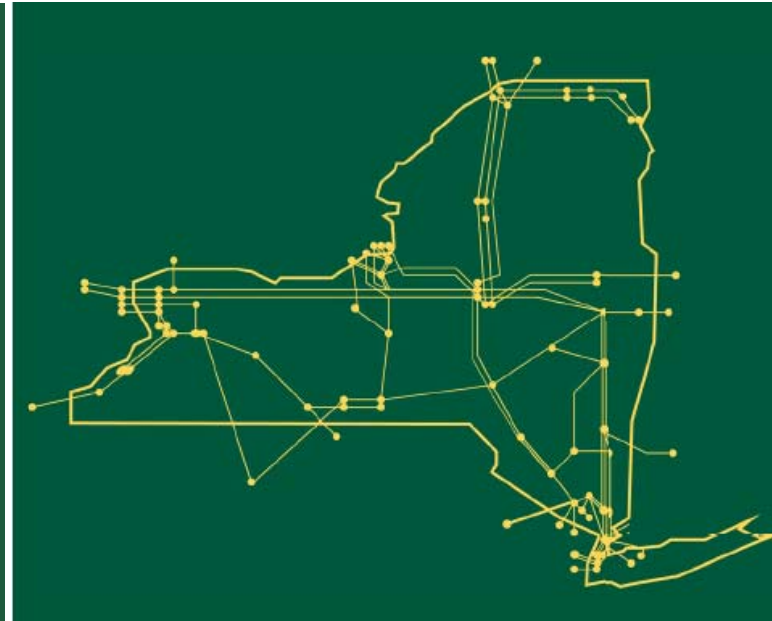
- ◆ **Q1 & Q2 based on reports to DPS, NYSERDA reports, or reports from LIPA & NYPS to the NYISO**
- ◆ **Q3 & Q4 based on program administrators' projections to DPS, estimates provided to NYISO, or NYISO projections**

# NYISO Converts Annualized Impacts to Calendar Year Impacts

## 2010 Statewide Energy Efficiency Programs - Calendar Year Impacts

Program Administrator	2010 Annualized Net GWh	2010 Calendar Year GWh	2010 RNA Forecast GWh	Variance Over/Under
NYSERDA SBC Programs	1,000	450	164	286
LIPA Programs	265	120	183	-63
NYPA Programs	150	70	89	-19
EEPS (NYSERDA & IOUs)	620	260	482	-222
Building Codes & Standards	-	60	58	2
<b>TOTAL</b>	<b>2,035</b>	<b>960</b>	<b>976</b>	<b>-16</b>

The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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