



NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS

Northeast Energy Efficiency Snapshot

Energy Efficiency Policy By the Numbers

Fall 2013

AN OVERVIEW OF ENERGY EFFICIENCY POLICY IN THE NORTHEAST STATES



The Snapshot is a brief overview of energy efficiency policy by the numbers in New England, New York, and the Mid-Atlantic regions. It includes charts on:

- State Energy Efficiency Policies and Savings Goals
- Region-wide Energy Efficiency Expenditures, 2007-2013
- Energy Efficiency Expenditures by State: 2010-2013
- Electric Energy Savings vs. Goals, 2010-2012
- Natural Gas Savings, 2010-2012
- ISO-New England Energy Efficiency Forecast & Transmission Costs

EFFICIENCY POLICIES—NEW ENGLAND



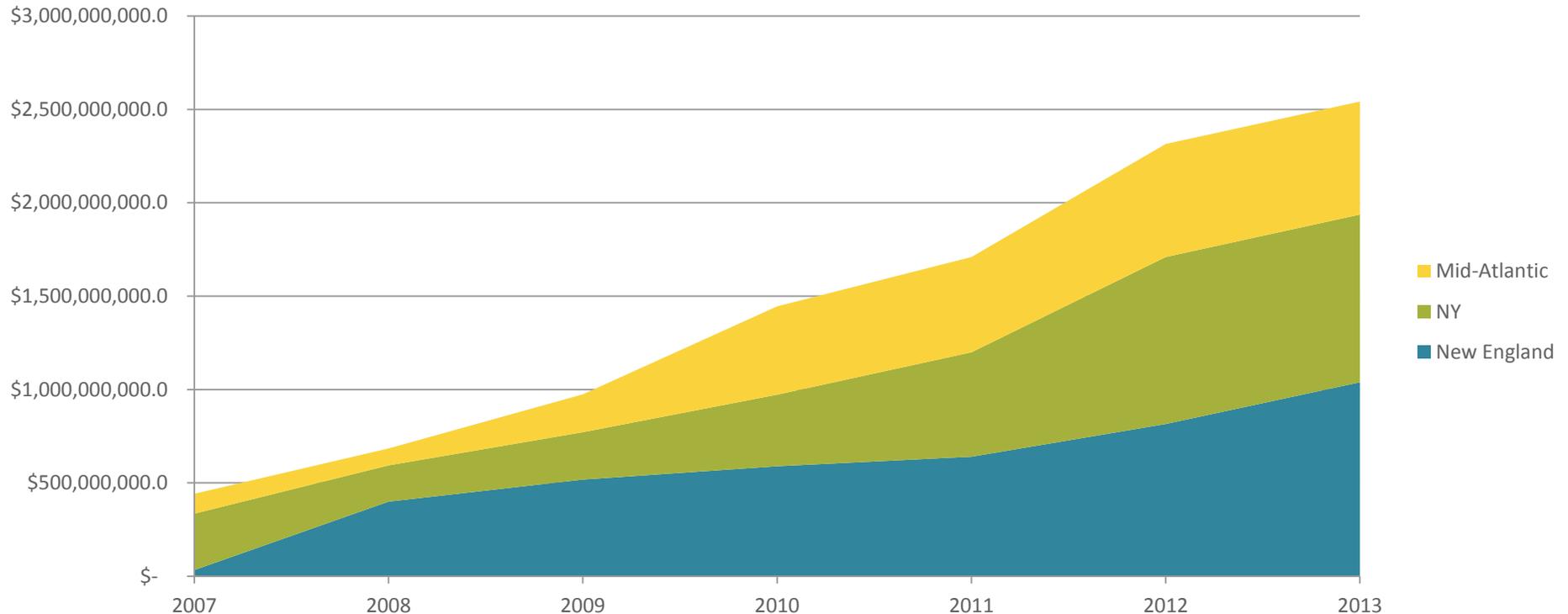
State	Policy Type	Program Administrator	Energy Savings Goals
<u>Connecticut</u>	<u>All Cost-Effective Energy Efficiency</u>	Utilities	<i>In process</i>
<u>Maine</u>	<u>All Cost-Effective Energy Efficiency</u>	Efficiency Maine	~1.5% of electric sales by 2016
<u>Massachusetts</u>	<u>All Cost-Effective Energy Efficiency</u>	Utilities + CLC	2.6% of electric & 1.14% of natural gas sales annually by 2015
<u>New Hampshire</u>	<i>Program Funding Only</i>	Utilities	<i>No mandated savings goals</i>
<u>Rhode Island</u>	<u>All Cost-Effective Energy Efficiency</u>	Utilities	Estimated 2.4% of electric & 1.0% of natural gas sales by 2014
<u>Vermont</u>	<u>All Cost-Effective Energy Efficiency</u>	Efficiency Vermont + Utilities	2% of electric sales annually

EFFICIENCY POLICIES—NY AND MID-ATLANTIC



State	Policy Type	Program Administrator	Energy Savings Goals
Delaware	Energy Efficiency Resource Standard <i>Not Yet Implemented</i>	Sustainable Energy Utility	<i>15% of electric & natural gas sales by 2015</i>
District of Columbia	<i>Efficiency Funding Only</i>	Sustainable Energy Utility	<i>No mandated savings goals</i>
Maryland	Energy Efficiency Resource Standard	Electric Utilities	15% of per capita electric use by 2015
New Jersey	<i>Efficiency Funding Only</i>	Office of Clean Energy + Utilities	<i>No mandated savings goals</i>
New York	Energy Efficiency Portfolio Standard	NYSERDA + Utilities	15% of electric & natural gas sales by 2015
Pennsylvania	Energy Efficiency Resource Standard <i>Funding Capped</i>	Utilities	0.75% of annual electric sales through 2015

ENERGY EFFICIENCY INVESTMENTS IN THE NORTHEAST, 2007-2013*

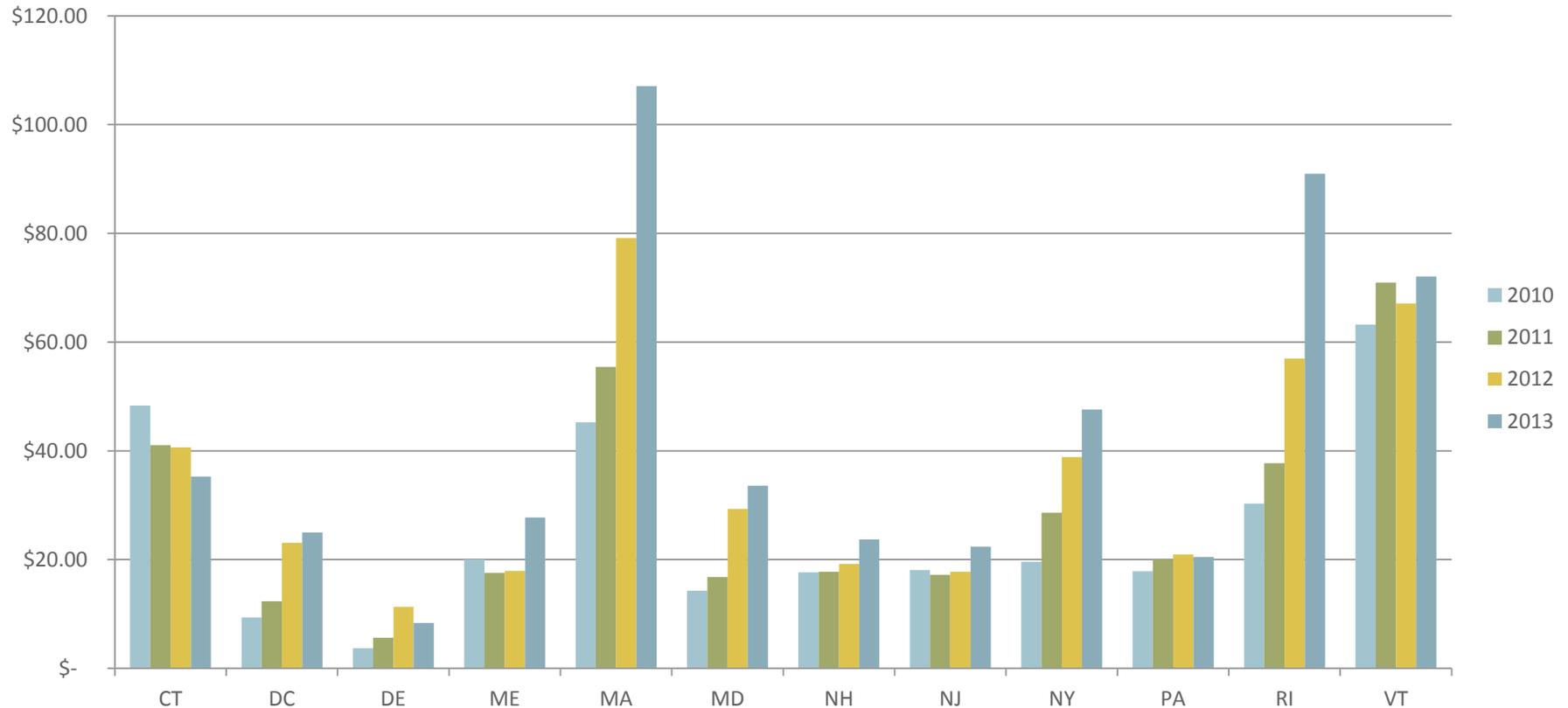


Energy Efficiency investments in New England, New York, and the Mid-Atlantic states reached nearly \$2.5 billion this year, tripling levels from five years ago.

Expenditures include all electric and natural gas ratepayer funding and funding from RGGI and wholesale markets like the Forward Capacity Market. It does not include federal funding from the American Recovery and Reinvestment Act (ARRA) and the Weatherization Assistance Program (WAP) or any customer contributions. Data is taken from state annual efficiency reports from 2007 to 2012 which are available through the [NEEP website](#). 2007 to 2012 are year-end reported data while 2013 expenditures are forecasted data that are subject to change.

STATE SPENDING ON ENERGY EFFICIENCY

COMPARISON OF 2010 TO 2013 PER CAPITA PROGRAM SPENDING

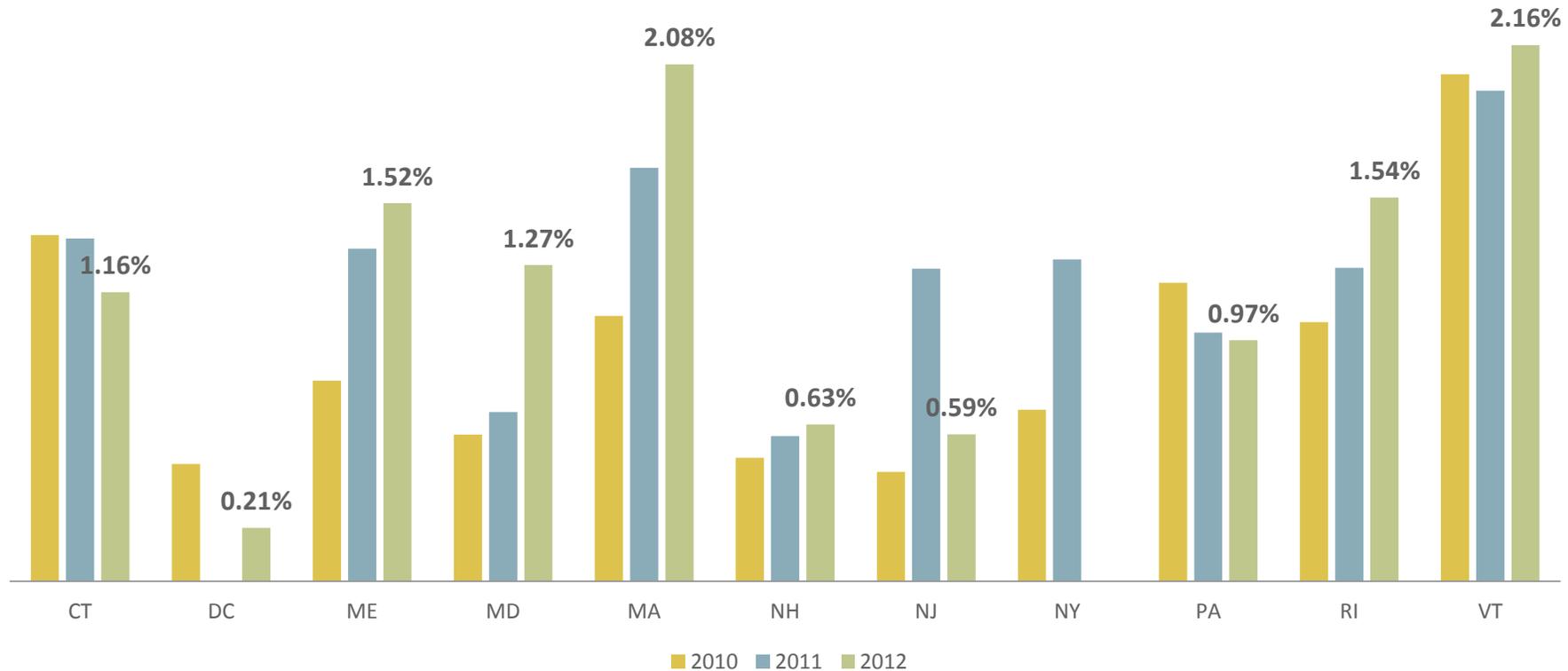


Efficiency investments are rising in many states in New England and in the Mid-Atlantic. 2013 continues the trend towards more robust investments in energy efficiency. The region average has growth to over \$40 per person.

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ELECTRIC SAVINGS, 2010-2012

ELECTRIC SAVINGS AS A PERCENTAGE OF STATE RETAIL ELECTRIC SALES

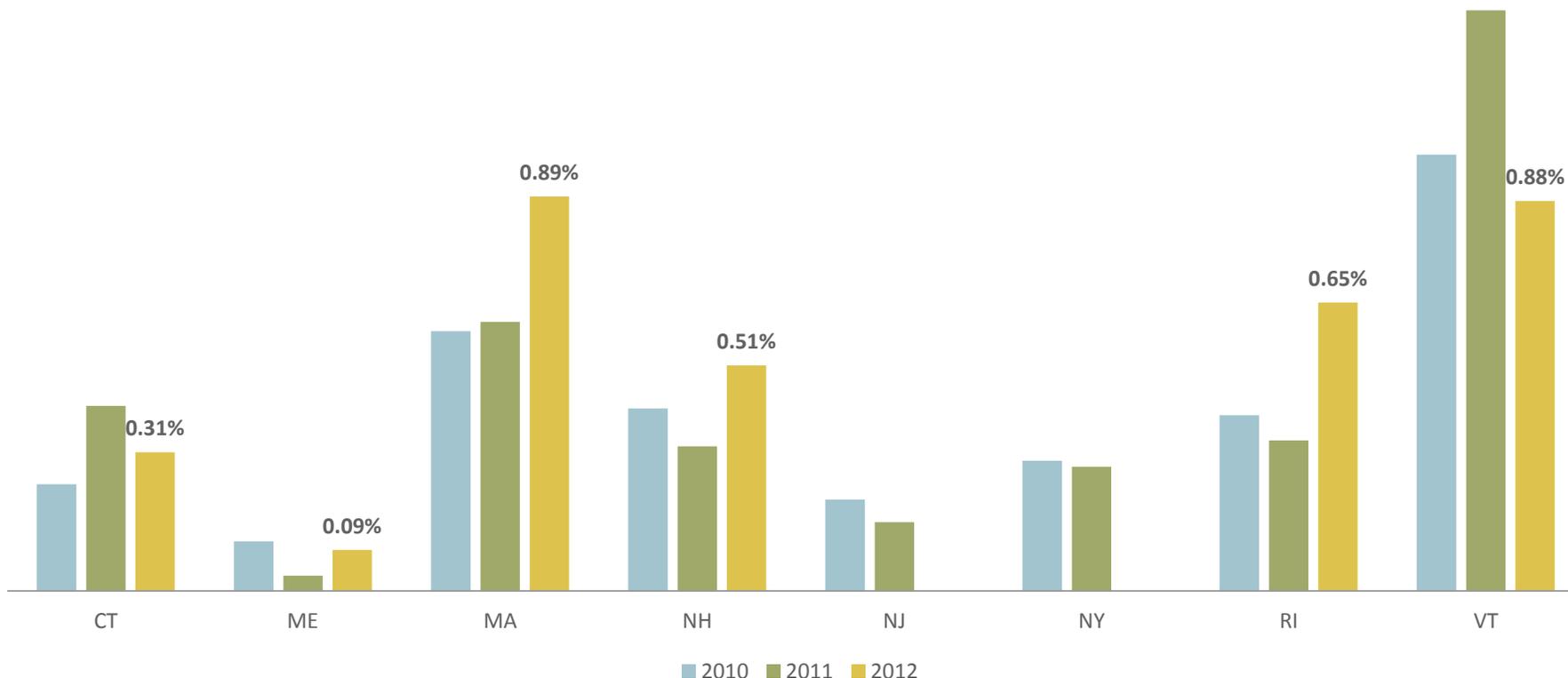


Policy has driven energy efficiency to make up a growing portion of our electricity demand, with leading states achieving savings of 1.5 to 2 percent of their annual electric sales. Maryland, Massachusetts, New York, and Vermont all aim to achieve electric savings of above 2 percent in 2012.

Electricity savings are taken from state annual efficiency reports from 2010 to 2012, available through the [NEEP website](#). States without reported savings data for particular years are left blank. Electricity sales data are taken from the [EIA's State Electricity Profiles website](#). Connecticut, New Hampshire, and New Jersey do not have binding savings goals for 2012. New York has not yet reported 2012 savings figures.

NATURAL GAS SAVINGS, 2010-2012

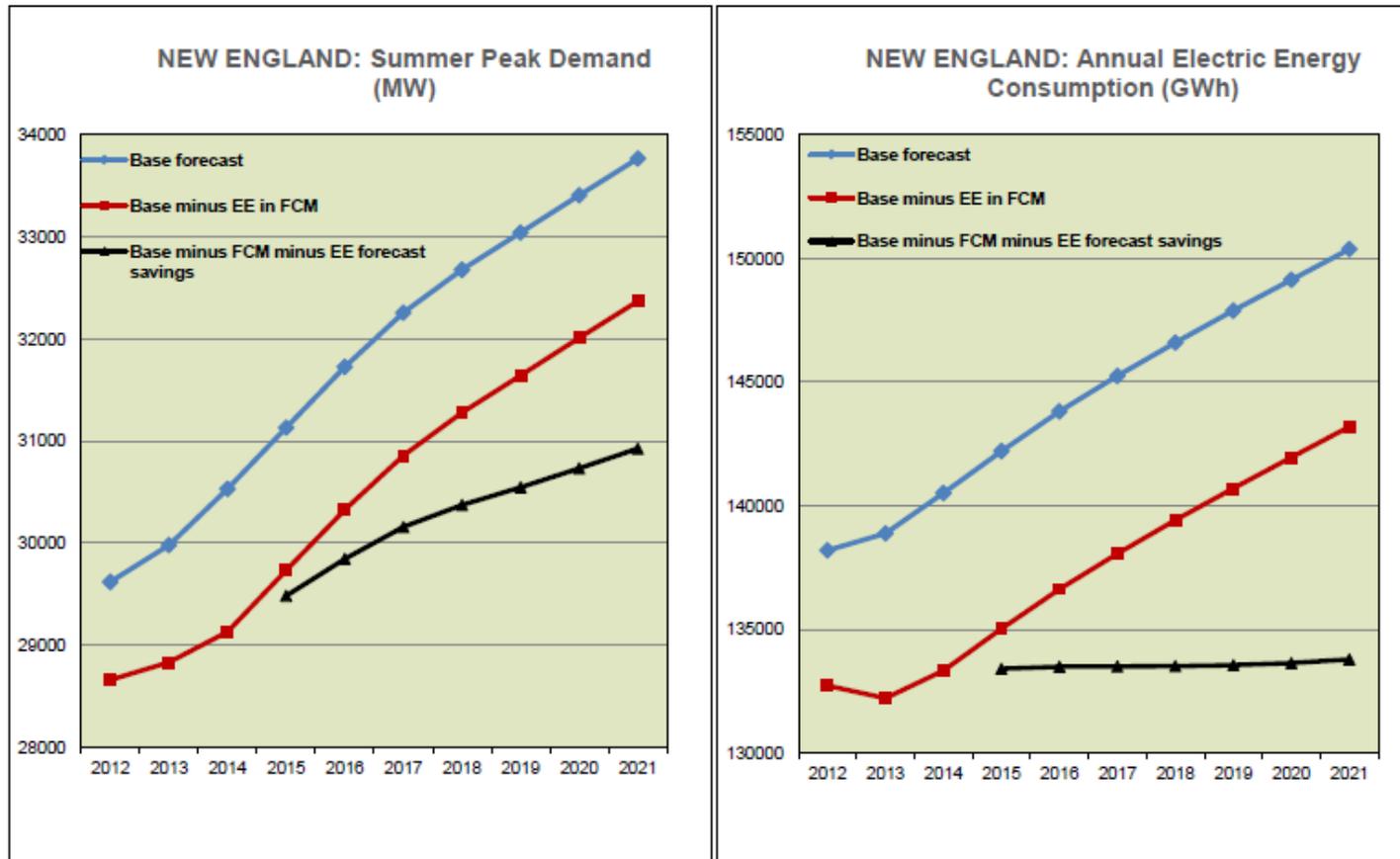
GAS SAVINGS AS A PERCENTAGE OF STATE NATURAL GAS SALES



While natural gas programs are more modest, states aim to achieve savings of 1 percent of retail sales.

States that have natural energy efficiency programs are included in this chart. Natural savings are taken from state annual efficiency reports from 2010 to 2012 available through the [NEEP website](#). Natural gas sales are taken from the [EIA Natural Gas Consumption by End Use site](#). Data included are final sales for 2011. Note that New York figures for 2012 are not yet available.

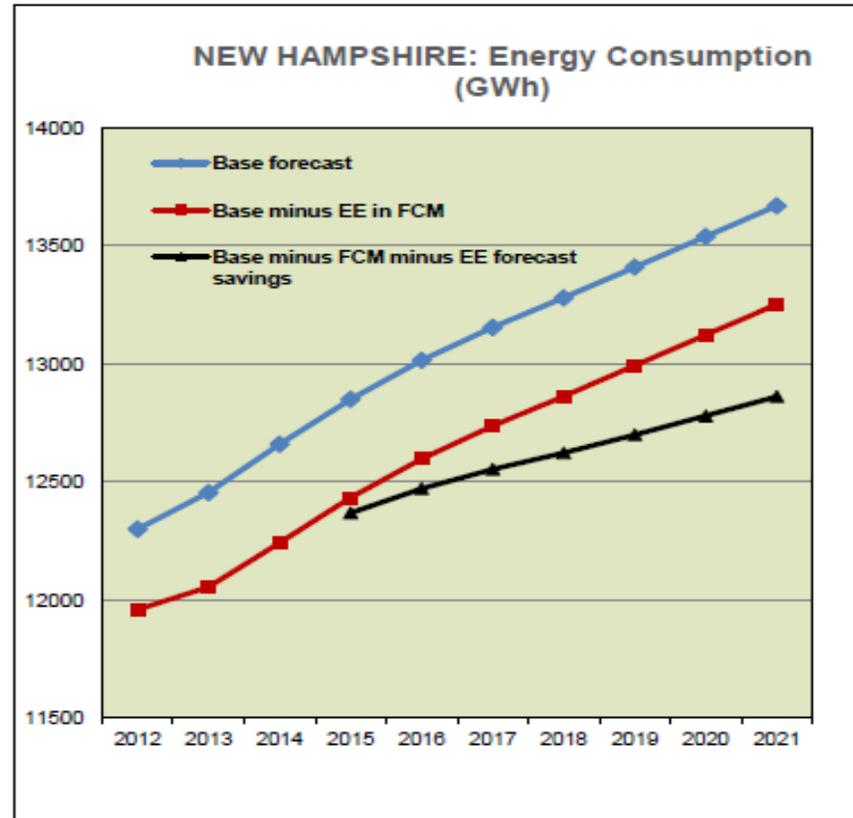
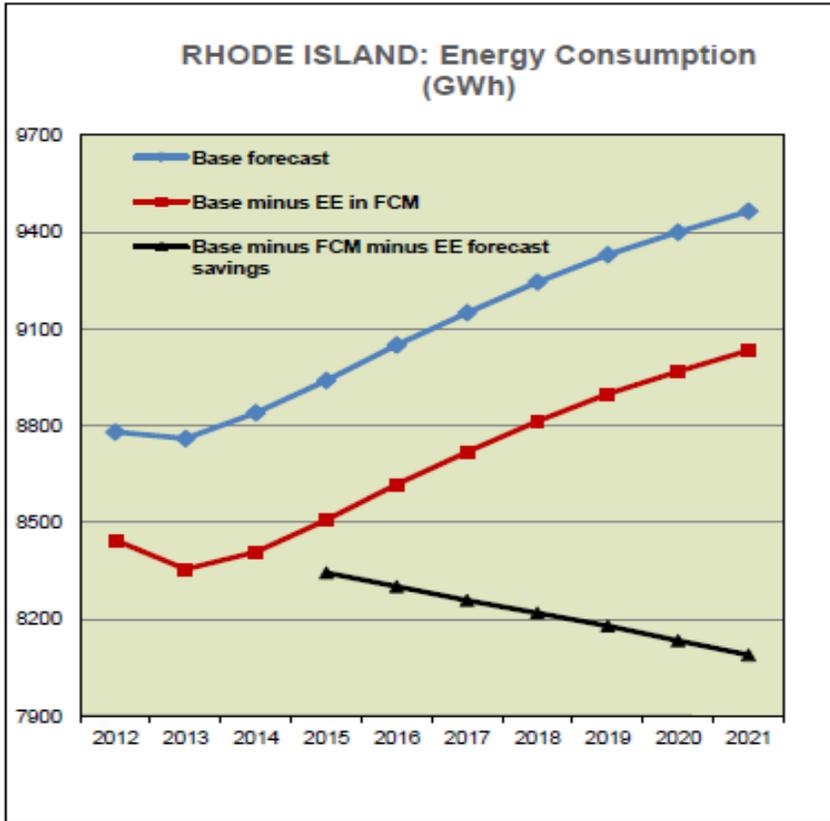
ENERGY EFFICIENCY WILL SIGNIFICANTLY REDUCE TRANSMISSION AND SYSTEM COSTS...



According to ISO-New England, the nearly \$6 billion in planned investments in energy efficiency will significantly curb peak demand and keep electric load growth flat through 2021. These reductions resulted in \$260 million savings from deferred transmission upgrades.

...BUT NOT ALL STATES WILL BENEFIT EQUALLY

RHODE ISLAND AND NEW HAMPSHIRE'S PROJECTED LOAD GROWTH



The forecast finds that states that plan to aggressively pursue energy efficiency, like Rhode Island, will see their electricity loads fall significantly, while states with lower levels of investment, like New Hampshire, will not benefit as greatly.

ISO New-England, "ISO on Background: Energy-Efficiency Forecast," December 14, 2012: http://www.iso-ne.com/nwsiss/pr/2012/ee_forecast_final_12122012_post.pdf

QUESTIONS?



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