



NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS

Northeast - New England - Mid-Atlantic Regional Roundup

*Presented by Sue Coakley, Executive Director
Northeast Energy Efficiency Partnerships - NEEP
Washington, DC
April 22, 2015*

ABOUT NEEP



MISSION

Accelerate energy efficiency in homes, buildings and industry in the Northeast - Mid-Atlantic region.

VISION

The region wholly embraces energy efficiency policies and solutions as a cornerstone of a sustainable energy policy, a vibrant economy, and a healthy environment for people to live and work in.

APPROACH

NEEP brings key stakeholders together with expertise and leveraged resources to innovate and apply best practices across the region.

One of six Regional Energy Efficiency Organizations (REEOs) partnering with U.S. DOE to advance efficiency

NORTHEAST REGIONAL TRENDS



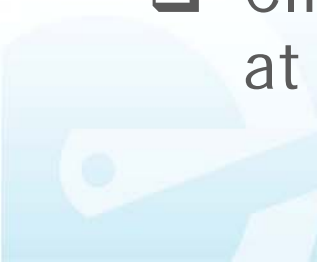
- ❑ Upward: Higher energy efficiency goals
 - ➔ reaching for 'High-Hanging Fruit'
 - *Market Segmentation*
 - *Upstream Promotions*
 - *Closed Loop Marketing*

- ❑ Shifts in Residential Lighting Programs
 - *CFLS to LEDS to Market Transformation?*

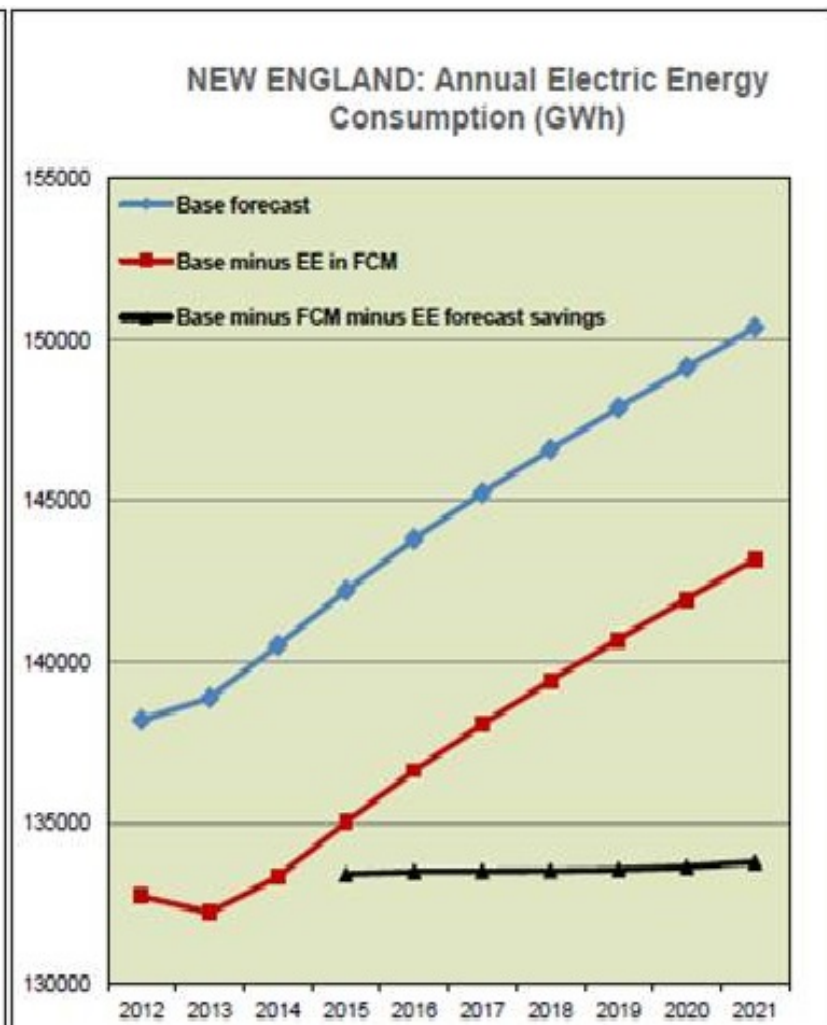
- ❑ The Digital Revolution is Taking Root
 - *From end-use EE to data-driven building system performance*
 - *Buildings as dynamic part of the grid*

- ❑ Efficiency as key pathway to Clean Air Act Compliance - 111 b & d

- ❑ Climate/efficiency/clean energy goals at the **MUNICIPAL** level



RECENT NORTHEAST SUCCESSES



*ISO-NE Forecasts with EE
Continues to Flat-Line
Energy Growth*

- ✓ NEEP Region Continues to Lead
 - 6 states in top 10 of ACEEE scorecard - all states in the top 50%
 - Per capita EE program expenditures ~ \$40/year
 - Achieving Steep Energy Savings Goals - up to 3% of annual sales!
- ✓ Delaware Adoption of All Cost-Effective EE
- ✓ VT and MD First States in the Nation to Adopt IECC 2015
- ✓ ASHP Cold Climate Specification draws manufacturer response
- ✓ Geotargeting EE Defers T&D!
 - New York City + VT

DEVELOPING CHALLENGES



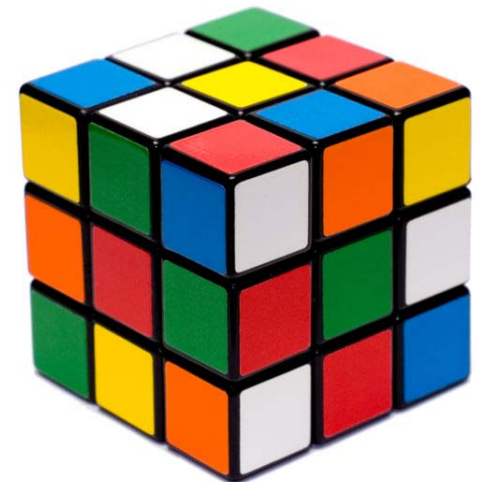
- ❑ EE Benefits vs. Program Costs - *Concerns that EE Budgets are Too High*

- ❑ EE & the Utility of the Future? - *Still More Questions Than Answers*

- ❑ Integrating Efficiency & Demand Response into Regional Infrastructure Plans

- ❑ Integrating Building Energy Solutions?
 - All Fuels
 - Demand Response
 - Electric Vehicles + Energy Storage
 - Renewables
 - CHP

- ❑ Keeping EM&V Relevant - Need:
 - Nimble -Less Costly, Real-Time Information
 - Accessible, transparent EM&V





THANK YOU

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