



Northeast Energy Efficiency Partnerships

# The Home Energy Management Systems (HEMS) Initiative at NEEP

Trading Spaces

ACEEE Intelligent Efficiency Conference 2016



# About NEEP

## Mission

Accelerate energy efficiency as an essential part of demand-side solutions that enable a sustainable regional energy system

## Approach

Overcome barriers and transform markets via ***Collaboration, Education and Enterprise***

## Vision

Region embraces **next generation energy efficiency** as a core strategy to meet energy needs in a carbon-constrained world



*One of six regional energy efficiency organizations (REEOs) funded by the US Department of Energy (US DOE) to link regions to US DOE guidance, products and programs*

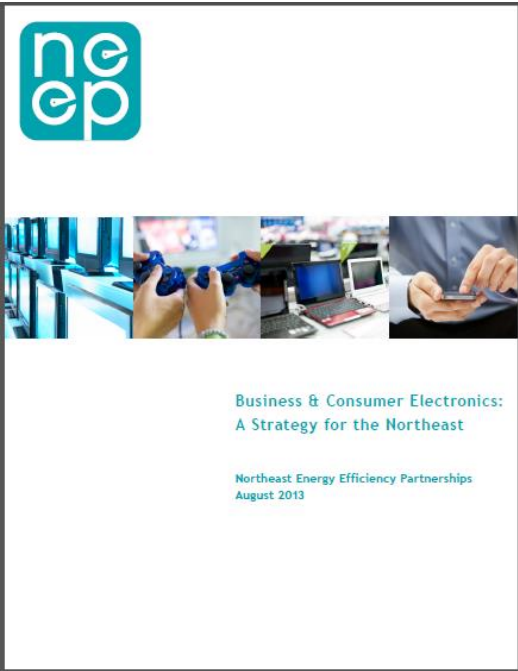
# Energy What is the Smart Home?



Home Energy Management Systems (HEMS):

- Any hardware and/or software system that can:
  - monitor and provide feedback about a home's energy usage, **and/or**
  - enable advanced control of energy-using systems and devices in the home

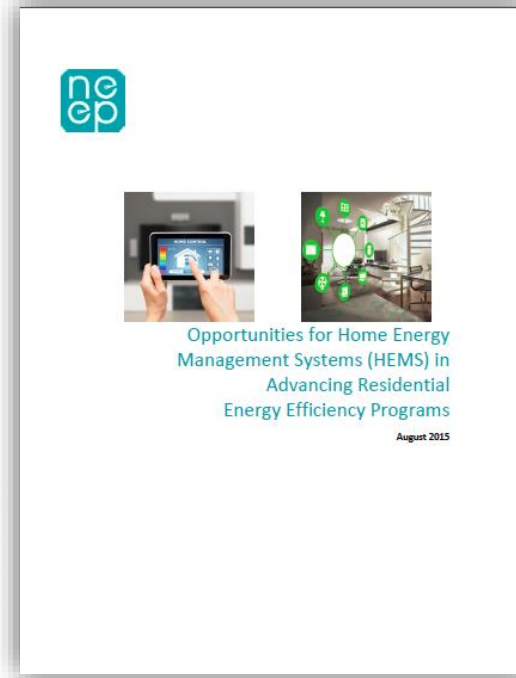
# NEEP's History in this Space



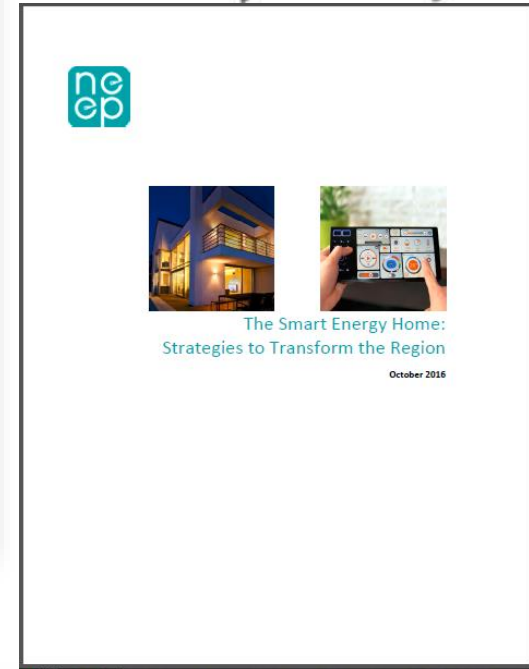
2013



2014



2015



2016

- <http://neep.org/initiatives/high-efficiency-products/home-energy-management-systems>
- <http://www.neep.org/business-consumer-electronics-strategy-northeast-2013>
- <http://www.neep.org/smart-energy-home-strategies-transform-region>

# This is where YOU Come in!

- We need funding to continue this work.
- “Wish list” of projects for 2017:
  - HEMS Working Group
  - Smart Water Heater Project
  - HEMS in Home Performance Project
- Specific Opportunities to fund :
  - **NEEP Allies program:** Annual membership with exclusive benefits, from \$2500-\$8000 depending on size of organization.
    - Contact Lucie for more information
  - Become a NEEP project funder!
    - Reach out to Claire as soon as possible



# THANK YOU FOR YOUR TIME AND ATTENTION!



Please reach out! Grab a card! I'll be in the back—  
come talk to me!

Claire Miziolek

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