ENERGY STAR Products Partner Meeting

What’s Driving Utility Energy Efficiency Program Investments Around the County – Regional Round Table
What’s Driving Utility-Funded Energy Efficiency Program Investments in the Southwest

Justin Brant

ENERGY STAR Products Partner Meeting
September 10, 2019
Southwest Energy Efficiency Project (SWEEP)

- Public interest organization promoting greater energy efficiency and clean transportation
- Learn more:
  - [www.swenergy.org](http://www.swenergy.org)
  - @SouthwestEE
Key Energy Efficiency Drivers in the Southwest

- Carbon and clean energy goals
- Renewable energy penetration
- Customer economic and non-energy benefits
Trends in Residential Products Programs

- Grid-connected products
- Mid-stream lighting, HVAC, and water heating
- Beneficial electrification
- Targeting high-value savings
  - Geo-targeting EE
  - Energy reductions in most valuable hours
SWEEP:  
Dedicated to More Efficient Energy Use in the Southwest

Resources available online at:  
www.swenergy.org

Justin Brant, Senior Associate Utility Program  
303-447-0078x2  
jbrant@swenergy.org
2019 EnergyStar Products Partners Meeting

MEEA Policy Team
September 10, 2019
We are a nonprofit membership organization with 160+ members, including:

- Utilities
- Research institutions
- State and local governments
- Energy efficiency-related businesses

As the key resource and champion for energy efficiency in the Midwest, MEEA helps a diverse range of stakeholders understand and implement cost-effective energy efficiency strategies that provide economic and environmental benefits.
EE Portfolios
Key Regional Drivers

• Increased Smart Meter Roll-out
  – Data Analytics
  – Intelligent Efficiency
  – Grid Optimization
• Market Transformation
• Federal Standards
• Clean Energy Goals/Industrial Policy
Residential Products Programs

Regional Trends

- Midstream/Upstream Pilots
  - Heat Pump Water Heaters, Lighting, HVAC, etc.
- Utility-Realtor mutual education
- Utility-Appraiser mutual education
- Workforce Development
  - Utilities increasingly focusing on solving contractor scarcity
- Hard to reach focus
  - Single- and Multi-family Income Qualified
  - Rural
Thank you!

Nick Dreher
Policy Director
ndreher@mwalliance.org

Midwest Energy Efficiency Alliance
What’s Driving Utility-Funded Energy Efficiency Program Investments in the Northeast U.S.? 

Dave Lis, Director of Market & Technology Solutions  
Presented 2019 ENERGY STAR Products Partners Meeting  
September 10, 2019 (JULY DRAFT)
Northeast Energy Efficiency Partnerships

“Assist the Northeast and Mid-Atlantic region to reduce building sector energy consumption 3% per year and carbon emissions 40% by 2030 (relative to 2001)”

Mission
We seek to accelerate regional collaboration to promote advanced energy efficiency and related solutions in homes, buildings, industry, and communities.

Vision
We envision the region’s homes, buildings, and communities transformed into efficient, affordable, low-carbon, resilient places to live, work, and play.

Approach
Drive market transformation regionally by fostering collaboration and innovation, developing tools, and disseminating knowledge.
Key Drivers
Northeast Residential Efficiency Program Trends

- Phase-out of lighting programs
  - Recent DOE notices create uncertainty
  - Planning had shifted to hard-to-reach sectors
- Declining rebates for appliances
  - Some shifting to midstream interventions (i.e. ENERGY STAR Retail Products Platform)
- Going deeper
  - Water heating, space heating, whole home
  - Home Energy Rating and Home Performance
- Demand Management
  - Smart thermostats and connected products gaining import
- Electrification
  - Advanced heat pump incentives
  - New energy savings metrics: MMBTU
Contact Information:

NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS
Dave Lis– Director of Technology and Market Solutions
djl@neep.org
781-860-9177 EXT. 127
81 Hartwell Ave., Lexington, MA 02421
www.neep.org
ENERGY STAR®
Product Partners Meeting
The Southeast Efficient Energy Alliance (SEEA) promotes energy efficiency as a catalyst for economic growth, workforce development and energy security across 11 southeastern states including Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee and Virginia.
Key Regional Drivers

• Minimizing Factors
  – High reserve margins, flat load = little need to manage load growth
  – Regulatory perceptions of energy efficiency as burdening non-participants
  – Conventional utility business model, lack of sufficient incentive for EE
  – Energy efficiency treated as customer service rather than utility resource
  – Low avoided natural gas prices

• Supportive Factors
  – Increased activity establishing energy efficiency policy (LA, MS, VA)
  – Challenges to “mega-projects” resulting in desire for consumer protection, including EE
  – Supportive policy makers elected/appointed
Key Regional Trends

• Declines in new homes programs
• Anticipation of “end of lighting programs”
• Emergence of utility online marketplaces (e.g. smart thermostats)
• Continued interest in effective low-income program design
• Flat or declining loads prompting interest in electrification and emerging technology
Thank You

SMART ENERGY. STRONG ECONOMY. FOR ALL.

WWW.SEEALLIANCE.ORG
NEEA is an alliance of utilities that pool resources and share risks to transform the market for energy efficiency to the benefit of consumers in the Northwest.
Policy Highlights

SB-5116: Clean Energy Transformation Act

HB-1444: Appliance Standards Bill
Regional Trends

- Race to replace lighting
- Resource value test gaining traction
- Priorities continue to shift