Momentum Savings

Monthly Update
May 4, 2016
Meet the team
Baseline alignment library
Standards update
LED market update
What’s new
Q&A

Agenda
Meet the team!
Carrie Cobb
Market Research Lead

Michele Francisco
Communication & Outreach

Bonnie Watson
Project Manager (HVAC + Ag), SME, Strategic Mapping

Ethan Manthey
Market Actor Liaison, Sales Data Collection

Jessica Aiona
Project Manager (Lighting), SME, Codes and Standards
Baseline Library Update
Baseline Library - Next Steps

- BPA response to comments
- Technical workshop – late May/early June
- Regional meeting – June/July
- Webpage: http://www.bpa.gov/goto/BaselineLibrary
Standards: What’s new & the plan to count them
WHY SHOULD WE CARE ABOUT STANDARDS?

- **2008**
  - External Power Supplies
  - Commercial Unit Heaters

- **2009**
  - Walk-in Coolers and Freezers
  - Metal Halide Lamp Fixtures

- **2010**
  - Commercial Refrigeration Equipment
  - Commercial Package AC and HP including Single Package Vertical Units

- **2011**
  - General Service Incandescent Lamps
  - Incandescent Reflector Lamps
  - Commercial Refrigeration Equipment
  - Dehumidifiers

- **2012**
  - General Service Fluorescent Lamps
  - Kitchen Ranges & Ovens
  - Commercial Packaged Boilers
  - Beverage Vending Machines
DIRECT BASELINE IMPACT

Average Unit Energy Consumption (kWh/Year)

Increasing difficulty of accessing remaining savings potential


Future 2015 Standard

Prior Federal Standards
45 STANDARDS

1,546 aMW (2010-2034)

7 Residential
5 Commercial
3 Universal
UPCOMING FEDERAL STANDARDS

14 Standards

Rooftop Units
LARGEST STANDARD EVER
NEWEST MODELS

Two HVAC Models
Summer 2016

Additional Models
Spring 2017
WHAT’S NEXT

1. BPA and NEEA will work together on creating new models

2. RTF will be engaged in the development and review process

3. Rolling timeline where a few models are focused on at a time

4. All significant standards will have models
What can BPA share with utilities and consultants to help the CPA process?
BE STANDARDS SAVVY
LED Market Update
INSTALLED STOCK
Reflects Past Decisions

PRODUCT FLOW
Tells Today’s Story
FUTURE LED MARKET SHARE

% of lumen-hour sales

2013 2015 2020 2025 2030

0% 20% 40% 60% 80% 100%

33%
EISA 2020

In February, DOE issued a notice of proposed rulemaking for general service lamps
Proposes a minimum efficacy of 70 lumens/watt, which ONLY SOME LEDs can currently meet.
MOST ENERGY STAR LAMPS WON’T QUALIFY
WHAT HAPPENS NEXT?

DOE seeks public comment

DOE issues Final Rule

Covered lamps to comply 3 years after Final Rule issued
HVAC Research Findings
Brownbag, May 26, 12pm

HVAC Market Intelligence Report

www.bpa.gov/goto/HVAC

What’s New & Upcoming
Questions + Discussion
Next Meeting: May 25th, 9am