Welcome to the 2017 ENERGY STAR Products Partner Meeting

Carolyn Snyder
Director
Climate Protection Partnerships Division
U.S. Environmental Protection Agency

October 24, 2017
ENERGY STAR Updates

Peter Banwell
U.S. EPA
ENERGY STAR Partner Meeting
October 24, 2017
Overview

• New Technology Initiatives for 2018
  – Lighting
  – Super efficient products
• New Program Approaches
  – Retail Products Platform
  – Midstream
2018 Technology: Lighting

- Inefficient bulbs = 50% of all light bulb sales
- 60% of existing sockets contain an inefficient bulb
LIGHTING: QUALITY CONTROL
International Manufacturer Visits

Brand A

Brand B

Brand C
2018 Technology: Water Heating

Heat Pump Water Heaters
Savings = 2020 kWh (annual)

Barriers:
• First Cost
• Purchasing Process
• Installation
Market Share - 1%
2018 Technology: Most Efficient Dryers

• 28% savings over Federal Standard
• 200 – 500 kWh Per year
• Market Share – 1%
Revisions and New Product Specifications

Revisions:
• 2 effective in 2017
• 8 will be completed in 2017
• Plan to complete 7 in 2018

New products:
• 5 coming on line in 2017
• Plan to work on 2 for 2018
ENERGY STAR Most Efficient 2018

- Clothes Washers
- Refrigerators
- Dishwashers
- Clothes Dryers
- Ventilating Fans
- Heat & Cooling
- Ceiling Fans
- Computer Monitors
- Windows
- Dehumidifiers
ENERGY STAR 2017
Emerging Technology Award

- 2016-7 Innovative Refrigerant Systems
  - 30 models from Bosch, Dacor, and Samsung
  - 46 commercial models from True Manufacturing

- 2017 – 8 Solid State Refrigeration
  - Award winning model
    from Phononic
Electric Vehicle Chargers

- 680,000 Electric cars in the USA
- 45,000 Public charging stations
2018 Program Approaches: ENERGY STAR Retail Products Platform

Admin
- Standard Legal Agreements
- Standard Implementation

Products
- Harmonized Product Mix
- Tiers: ENERGY STAR, Most Efficient

Financial
- Mid-Stream Incentives
- Common Third Party Processing
2018 Program Approaches: Midstream

Cumulative Water Heater Units Sold

Source: VEIC
Summary

Lighting
  • Room to grow

New Technologies
  • Huge Savings – Dryers, Water Heaters

New Technologies
  • Most Efficient, Emerging Technologies, EV Chargers
  • New ENERGY STAR specifications

New Program Approaches
  • Midstream