



Key ENERGY STAR Products Update

Peter Banwell

U.S. EPA

2015 ENERGY STAR Partner Meeting

Portland, Oregon

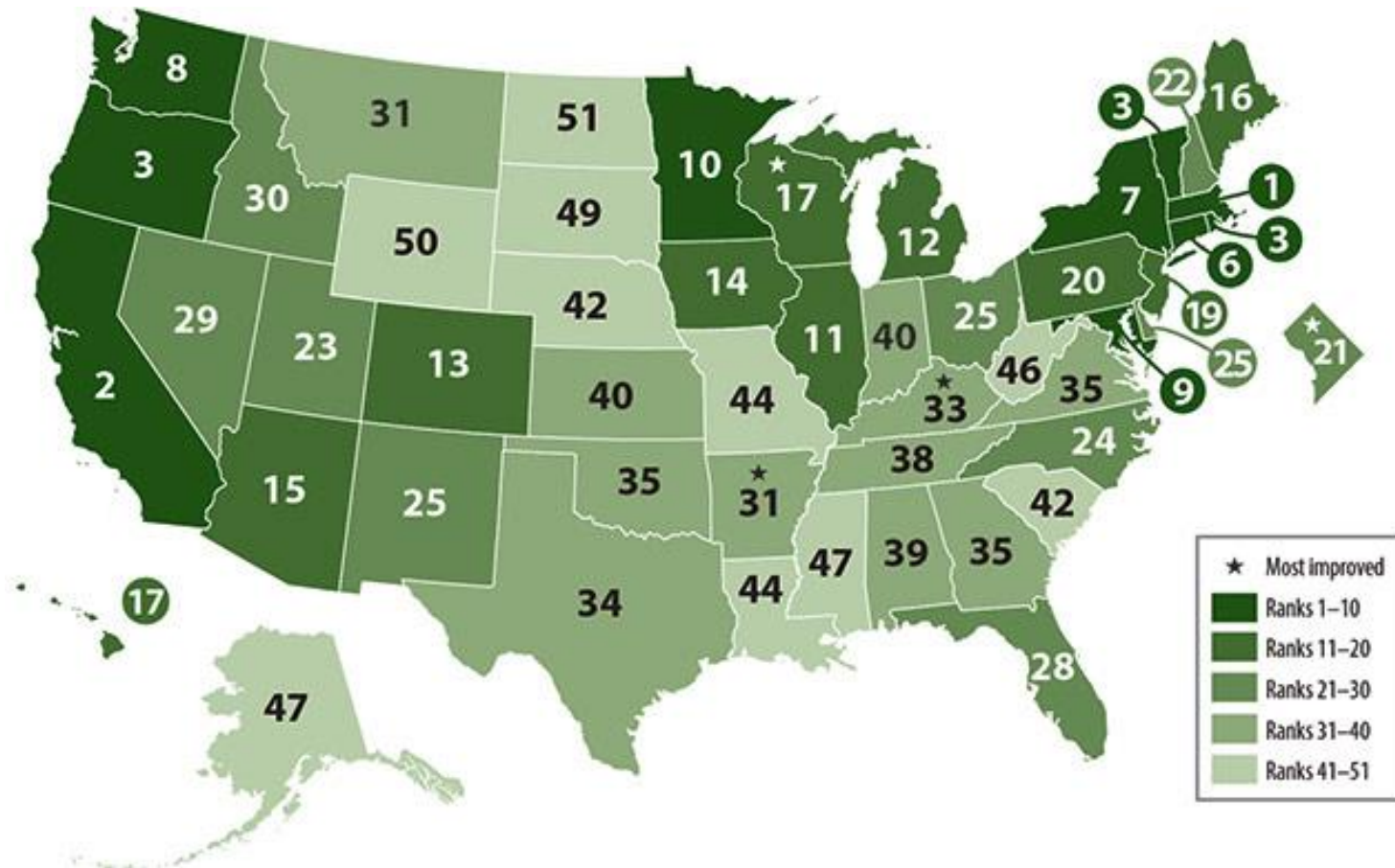
Clean Power Plan

Key Dates:

- Announcement: 2015
- Plans due: 2018
- Compliance: 2022



Clean Power Plan – Potential for National Efficiency Expansion

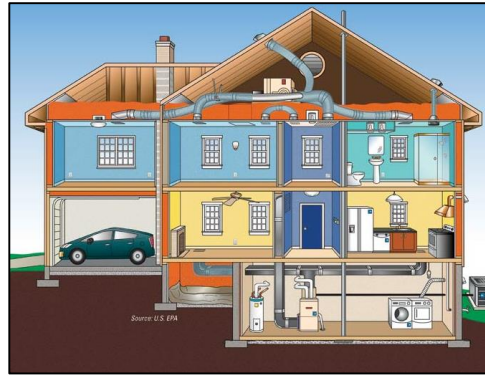


Enhancing Value

- Label identifying efficient products in more than **70** categories
 - Appliances, electronics, HVAC, lighting, commercial food service equipment
- Keeping Specifications Up To Date
 - 2014
 - **1** new (Version 1.0) completed in 2014
 - **8** revisions completed in 2014
 - 2015
 - **17** revisions completed, in progress
 - **9** new planned (Version 1.0)
 - 2016
 - **9** revisions in progress or planned to start
 - **2** new planned (Version 1.0)



ENERGY STAR Products in Homes: Specification Updates



New: In Development

- Large Network Equipment (2015)
- Lab Grade Refrigerators & Freezers (2015)
- Commercial Ovens (2015)
- Commercial Boilers (2015)
- Commercial Coffee Makers
- Medical Imaging Equipment
- Connected Thermostats
- Transformers
- ESVE Supply Equipment (Electric Vehicles)







Banner Year for National Promotions

- Clothes Dryers
- LED Lighting
- Refrigerators: Flip Your Fridge
- Summer Cooling Season
- Pool Pumps
- Water Heaters







UPGRADE AND SAVE BIG WITH A NEW ENERGY STAR® CERTIFIED WATER HEATER




Don't Get Caught Off Guard!
If your water heater is more than 10 years old, you could be risking leaks and flooding.



STOP WASTING ENERGY AND LOCK IN BIG LONG-TERM SAVINGS.



WATER HEATERS ARE TYPICALLY THE **SECOND** HIGHEST ENERGY USER IN THE HOME.




Replace your old water heater on your terms! Make the simple choice with ENERGY STAR.

Water heaters that have earned the ENERGY STAR are independently certified to save energy and protect the environment.

- An ENERGY STAR certified electric storage water heater uses half the energy of a standard model and can save a family of four more than \$3,500 over its lifetime by heating water with a highly efficient heat pump (an air conditioner run in reverse).
- An ENERGY STAR certified gas storage water heater uses 8% less energy through better insulation, heat traps and more efficient burners.
- An ENERGY STAR certified tankless water heater can save a family of four more than \$1,800 over its lifetime on gas bills compared to a standard gas storage model by heating water only when you need it.

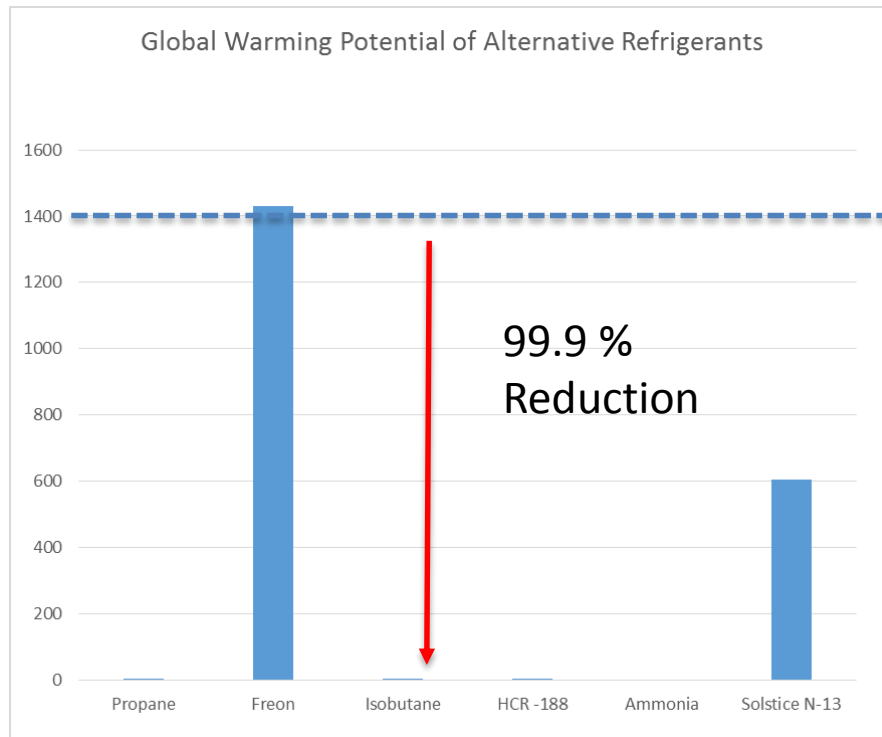
To learn more and find big rebates in your area, visit energystar.gov/waterheaters



The simple choice for energy efficiency.



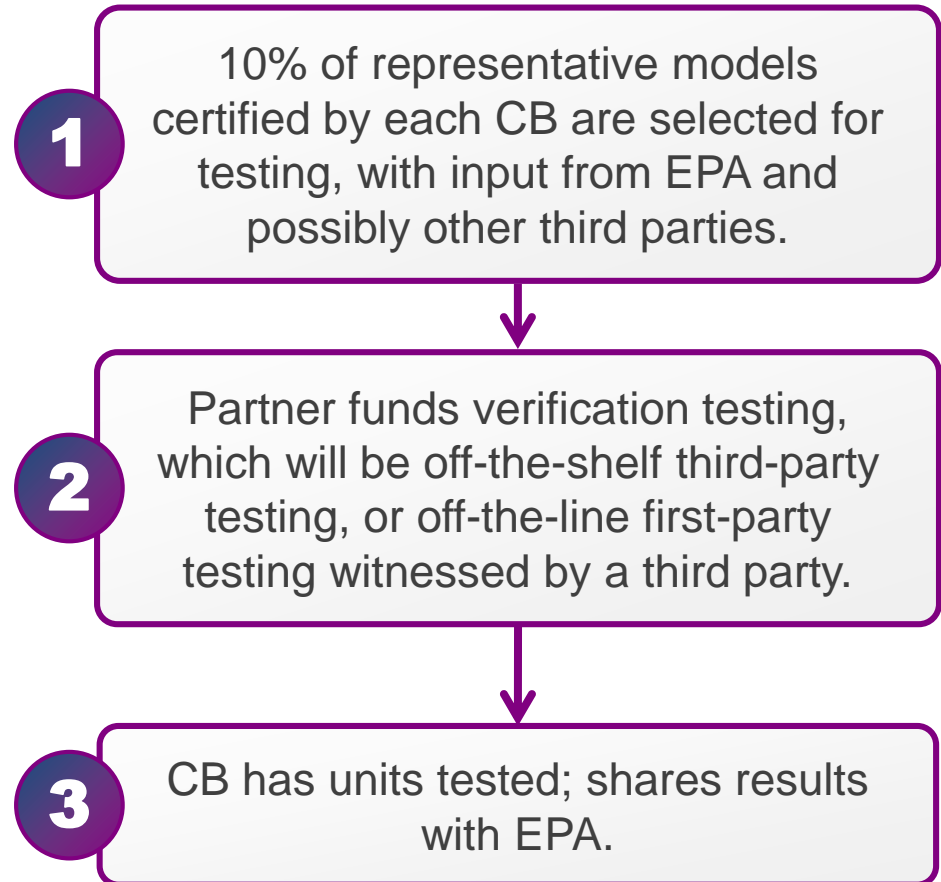
ENERGY STAR 2016 Emerging Technology Award





Protecting Your Investment: Verification Testing

- Verification testing ensures models meet ENERGY STAR requirements post-qualification



Enhancements to the ENERGY STAR Website

- Streamlined experience for finding rebates and ENERGY STAR products
- Cross promotion of tools
- Price and location information





 **Most Efficient
2015**
www.energystar.gov

- Boilers
- Ceiling and Vent Fans
- CAC/ASHP
- Clothes Washers
- Computer Monitors
- Dishwashers
- Ductless Split AC/HP
- Furnaces
- Geothermal Heat Pumps
- Refrigerators
- Televisions
- Windows



2016

savings of 15 – 62%!

New: The ENERGY STAR Retail Products Platform

- Shrinking savings margins are hurting cost-effectiveness
- The efficiency community can be more effective through coordinated efforts
- Administrative costs at retail and at efficiency programs can be streamlined
- Pilots planned for 2016





Summary – What to expect in 2016

- ENERGY STAR specifications
 - **2** new specifications
 - **9** revisions
- Website/data enhancements
- Most Efficient 2016
- 2016 National Communications
- 2016 Flip Your Fridge
- ENERGY STAR Retail Products Platform



Thank You

- Peter Banwell, Retail Action Council, Emerging Technology:
banwell.peter@epa.gov
- Katharine Kaplan, Most Efficient, Product Specifications:
kaplan.katharine@epa.gov
- Jill Vohr, National Campaigns, Communications:
vohr.jill@epa.gov
- Kathleen Vokes, Product finder/web enhancements
vokes.kathleen@epa.gov
- Hewan Tomlinson, Utility Coordination, Retail Action Council:
tomlinson.hewan@epa.gov



We would like to thank the following partners for their generous support of the 2015 ENERGY STAR Certified Homes Stakeholder Meeting:

