

ASAP 2017

Appliance Standards Model State Bill

Vermont

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Appliance Standards Awareness Project

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APPLIANCE STANDARDS

THE BEST ENERGY AND CLIMATE POLICY YOU'VE NEVER HEARD OF.

2ND BIGGEST ENERGY-SAVING INITIATIVE IN THE U.S.

7.3 CAFE vehicle fuel economy standards

5.3 Appliance and equipment standards

3.8 Energy Star

1.8 Utility sector energy efficiency programs

1.1 Building codes

1.0 Federal R&D

0.5 Energy Service Companies

0.3 Federal tax incentives

* Quadrillion BTUs

CONSUMERS POCKET **\$500 A YEAR** IN SAVINGS ON UTILITY BILLS



THAT WILL ADD UP TO A TOTAL OF \$1.9 TRILLION BY 2035.

APPLIANCE STANDARDS WILL PROVIDE

11%

OF WHAT U.S. NEEDS TO MEET 2025 PARIS CLIMATE TREATY TARGET.



IN 2015 ALONE, APPLIANCE STANDARDS HELPED US AVOID CARBON EMISSIONS EQUAL TO

63

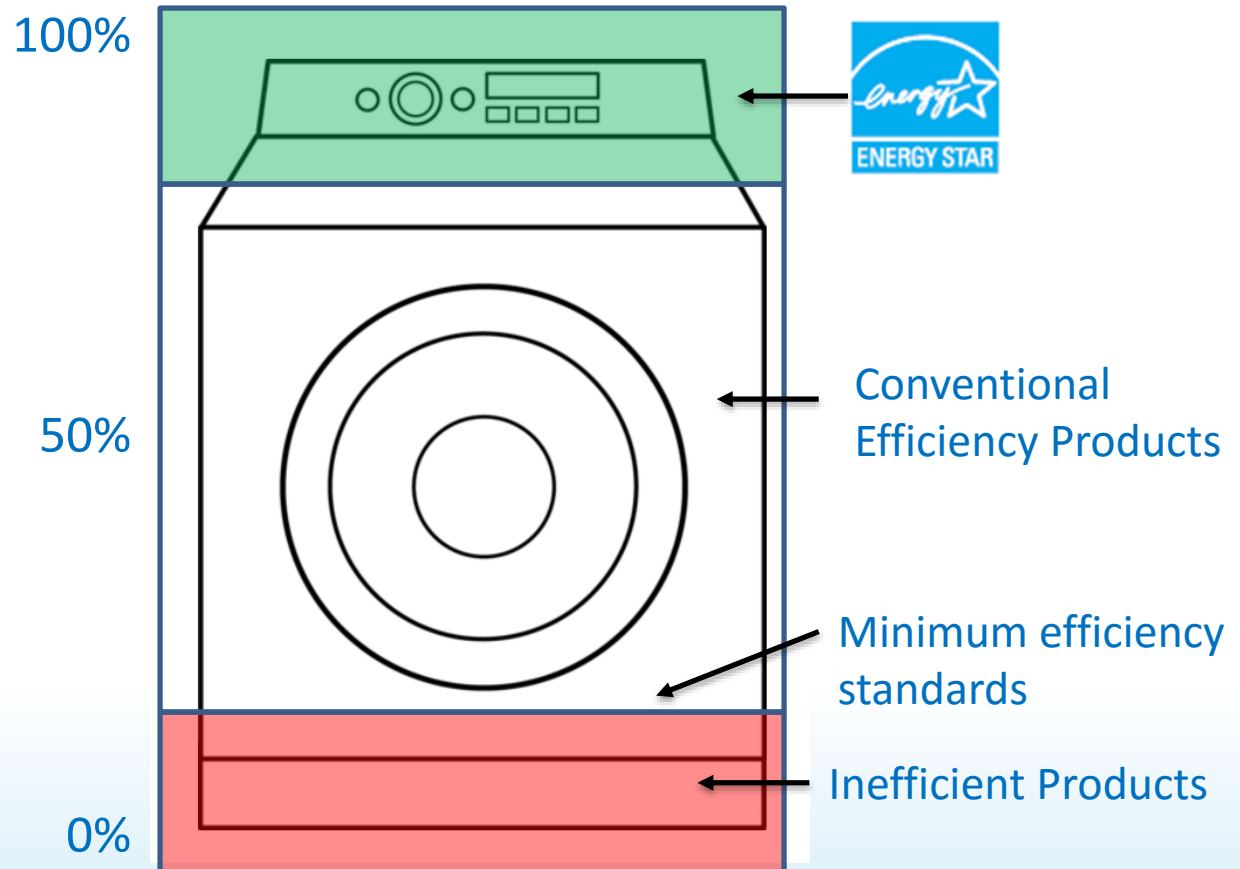
MILLION AUTOMOBILES



The Basics

National standards set minimum allowable efficiency for manufacture and import.

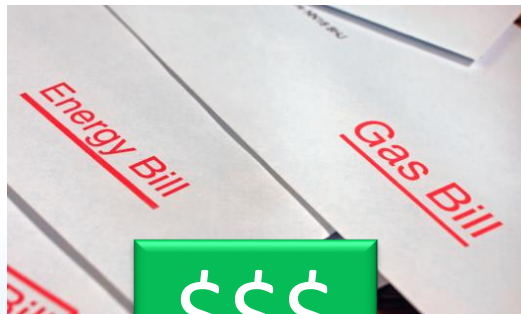
State efficiency standards apply to sale of products



Why Efficiency Standards?

- Fix market failures
 - Eliminate hidden second price tag
 - Make efficiency a function, not a feature
 - Accelerate innovation

Eliminate Hidden Second Price Tag



Make Efficiency a Function, not a Feature



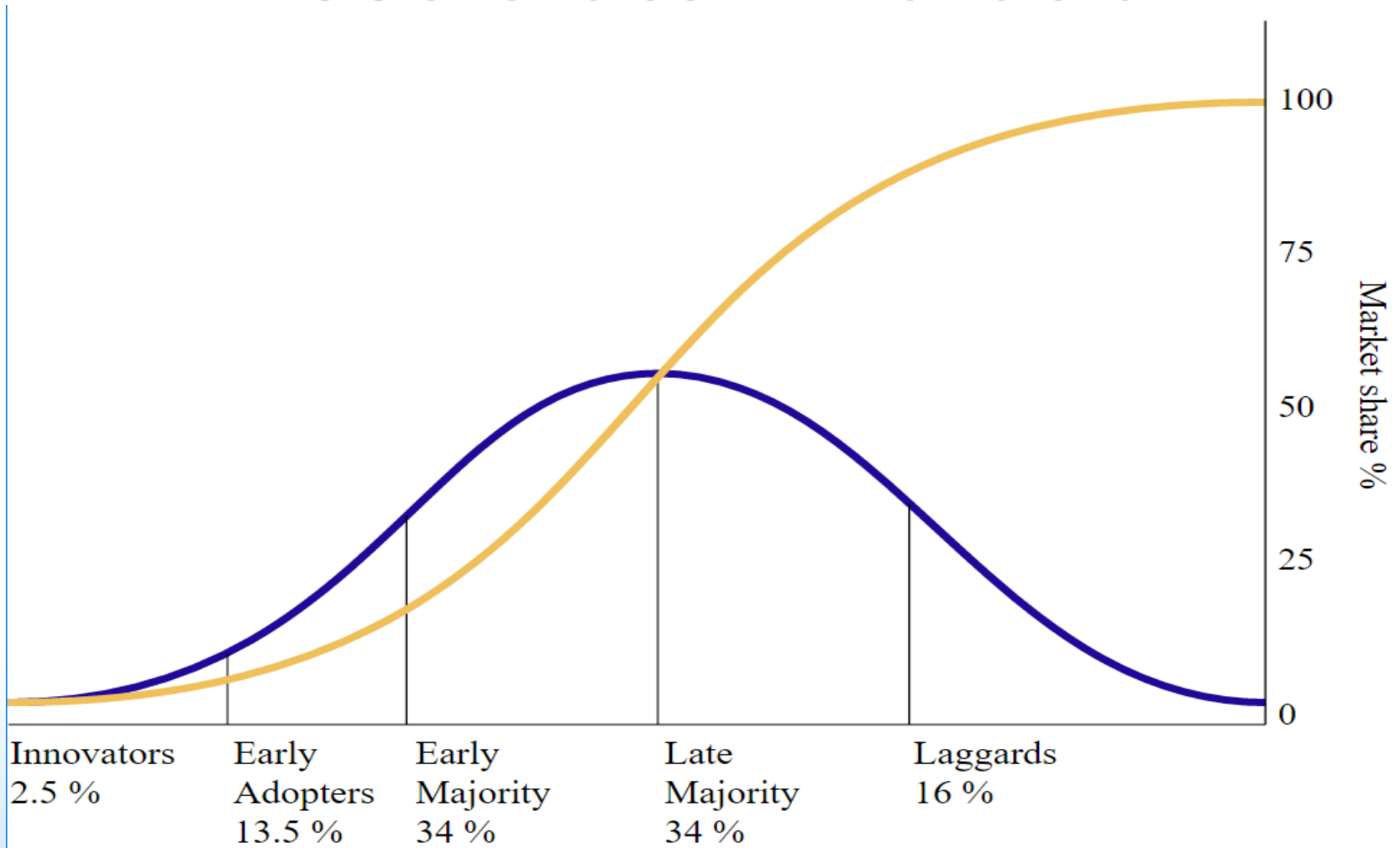
\$629



\$2,299



Accelerate Innovation

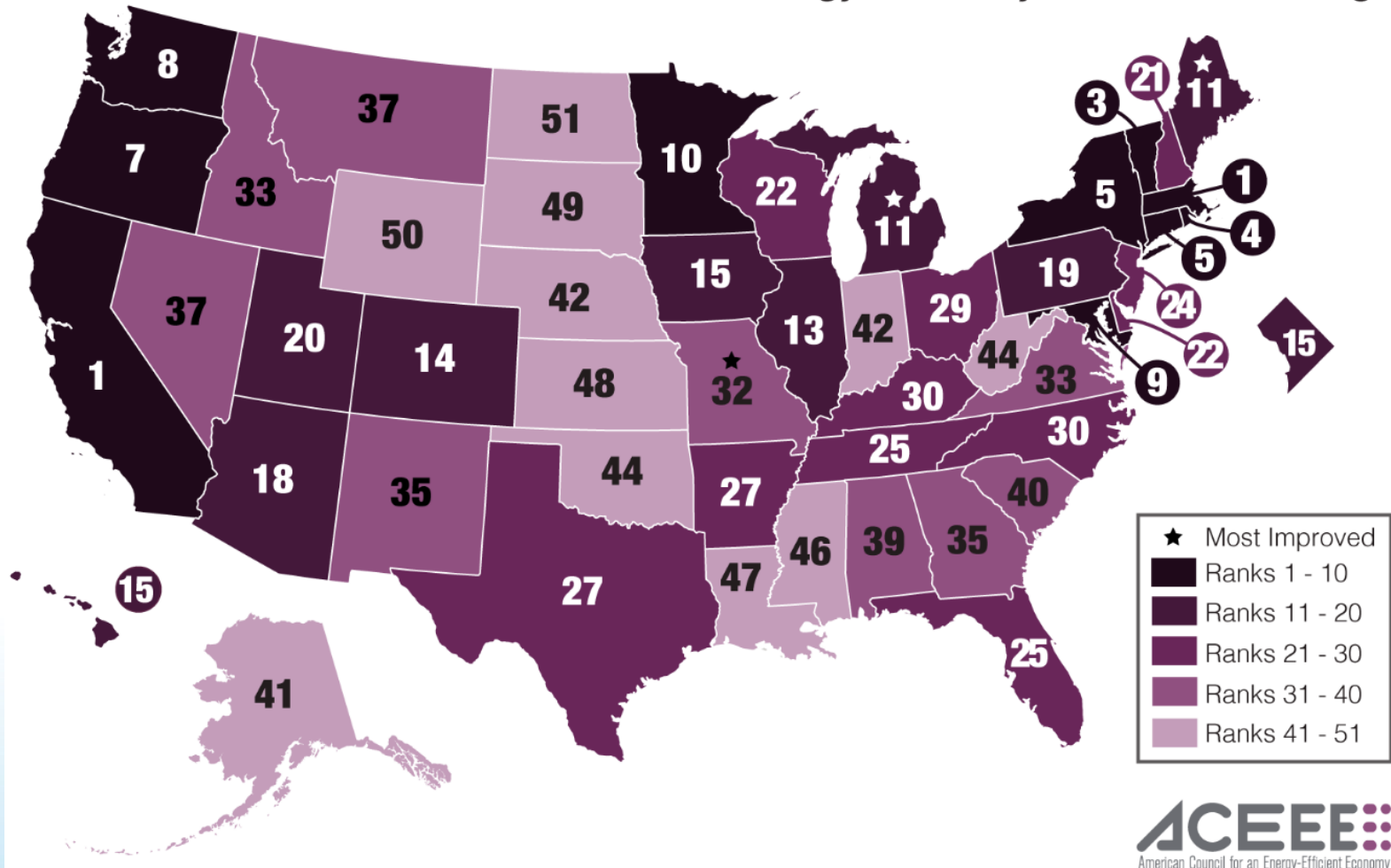


US Federal Energy Efficiency Standards

- DOE standards now cover about 55 products from battery chargers to water heaters.
- DOE introduced more efficiency standards under President Obama than under any other administration
 - 43 new or updated standards for refrigerators to light bulbs,

State Standards Matter

2016 State Energy Efficiency Scorecard Rankings



- ★ Most Improved
- Ranks 1 - 10
- Ranks 11 - 20
- Ranks 21 - 30
- Ranks 31 - 40
- Ranks 41 - 51

Vermont Energy Efficiency Standards

- Vermont has had standards since 2006
 - Title 9: Chapter 74 covered transformers, boilers, power supplies, and some lighting
- All 2006 Vermont standards subsequently pre-empted by federal standards in 2007
- ASAP's model legislation updates and expands this record

ASAP Model Bill Objectives

- Implement new, common-sense, efficiency standards
- Support EISA “backstop” requirement for light bulbs
- Protect against Congress’s effort to repeal ALL national standards

Products in 2017 Model Bill

- Computers and monitors (CEC)
- Lighting
 - “High CRI” linear fluorescent lamps
 - Deep dimming fluorescent ballasts (CEC)
 - Small diameter directional lamps (CEC)
- Plumbing products (CEC and WaterSense)
 - faucets, urinals, water closets
- Portable electric spas (CEC and pool and spa assoc)
- Commercial hot food holding cabinets (EnergyStar)
- Water dispensers (EnergyStar)

Support EISA Backstop Requirements

- 45 Lumens Per Watt
it's not just a good idea, it's the law!



Back up Federal Standards

Provision in the model bill:

- IF Congress repeals or withdraws federal standards
- THEN current federal standards become state standards

(Note: California routinely adopts federal standards as state standards)

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