

ASAP

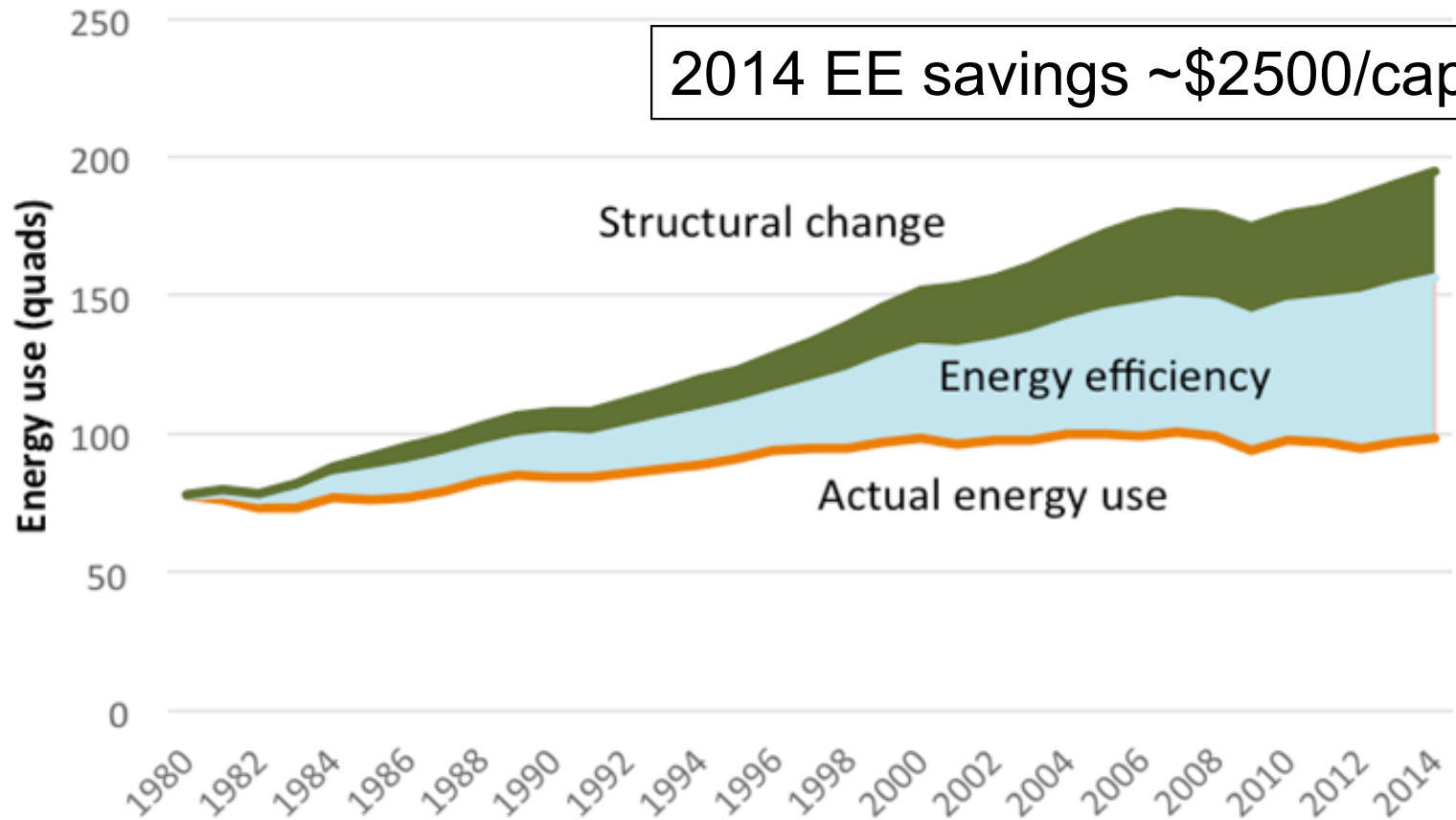
APPLIANCE STANDARDS
AWARENESS PROJECT

VT H. 411

Chris Granda
Appliance Standards Awareness Project
April 5, 2017

www.appliance-standards.org

U.S. Energy Use Since 1980



Source: ACEEE, EE in US, 2015

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.

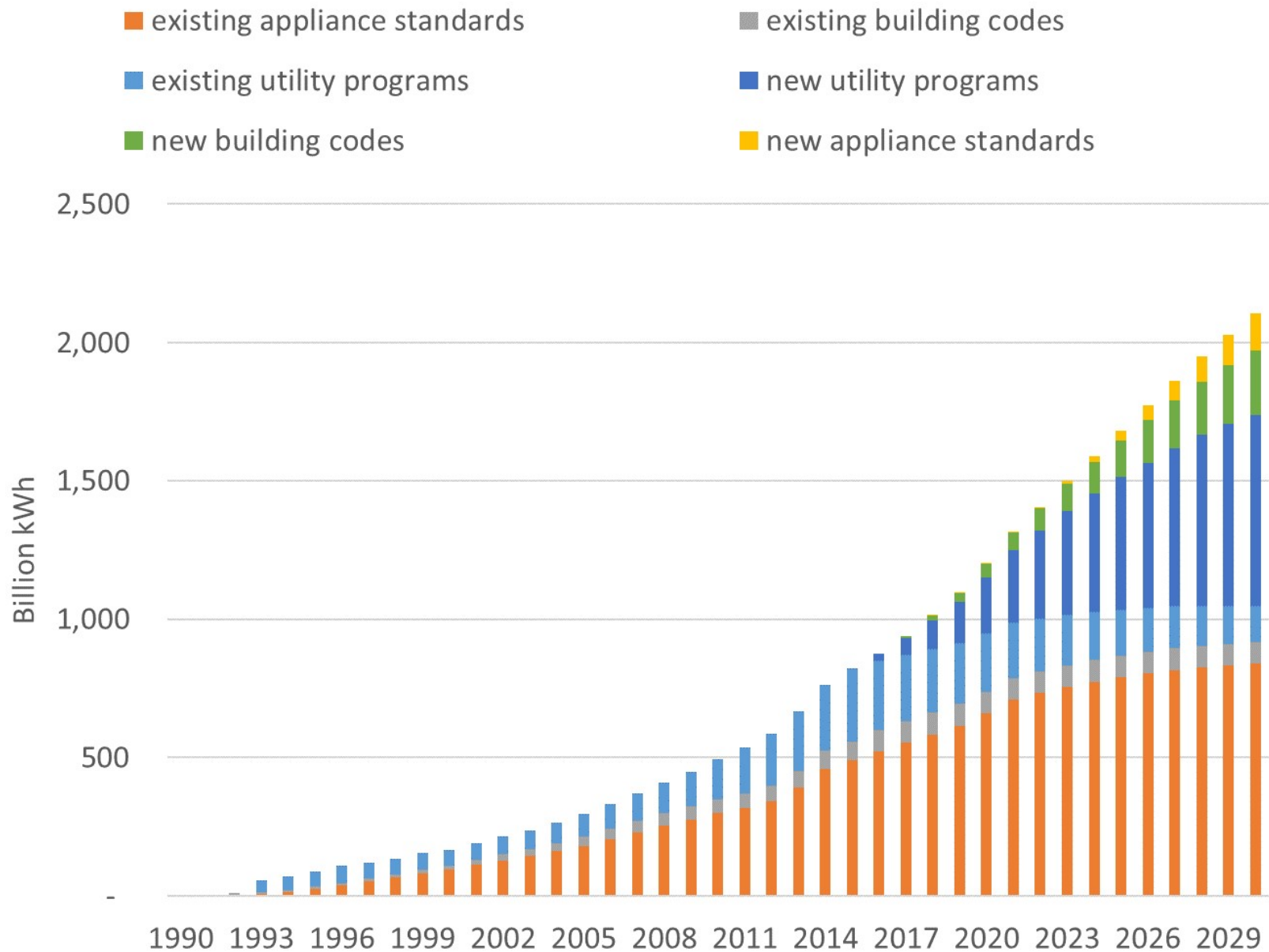


IN 2015 ALONE, APPLIANCE STANDARDS HELPED US AVOID CARBON EMISSIONS EQUAL TO

63 MILLION AUTOMOBILES



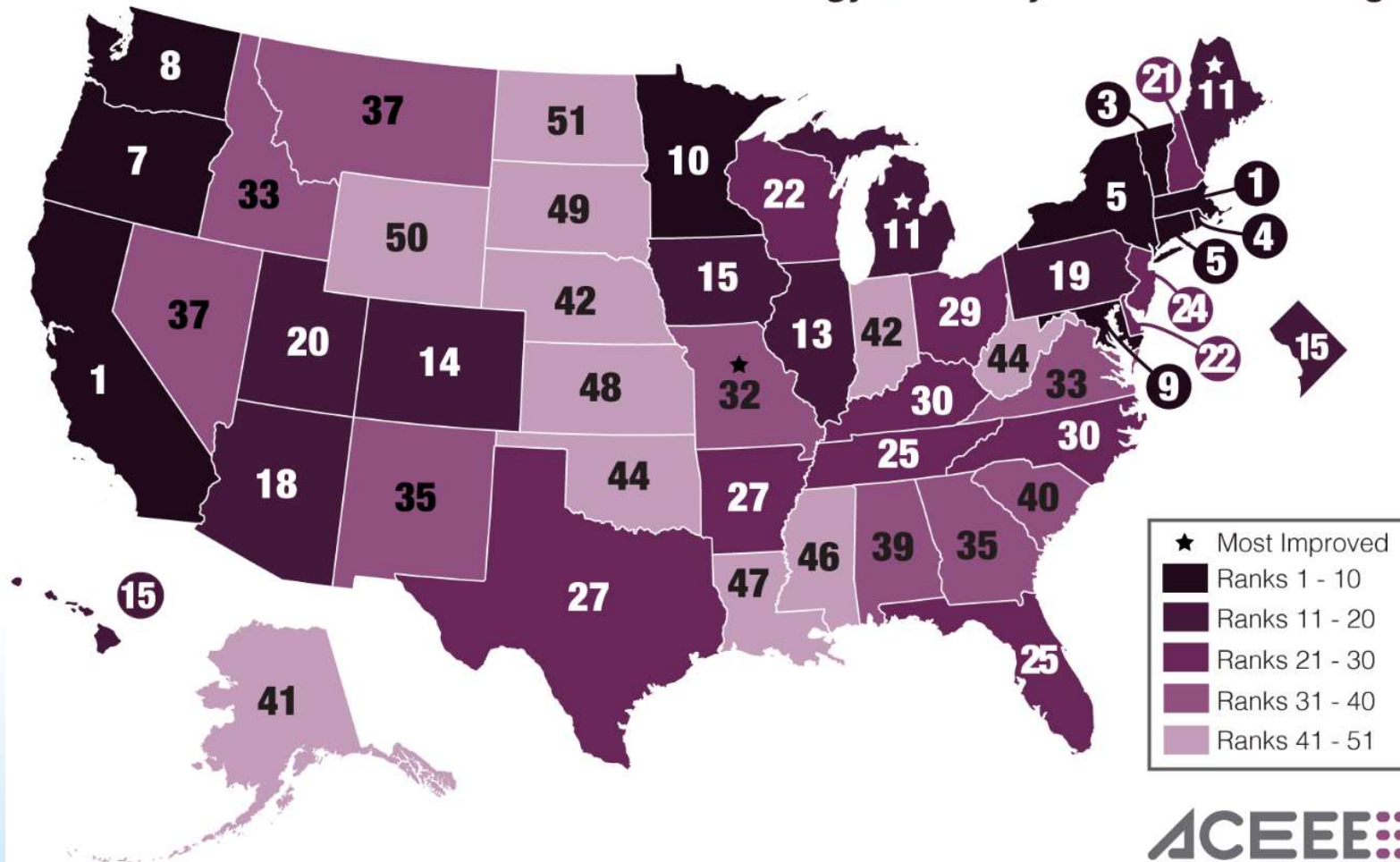
ASAP APPLIANCE STANDARDS AWARENESS PROJECT
LEARN MORE AT APPLIANCE-STANDARDS.ORG



Source: ACEEE 2016. *Greatest Energy Story You Haven't Heard.* <http://aceee.org/research-report/u1604>

State Standards Matter

2016 State Energy Efficiency Scorecard Rankings

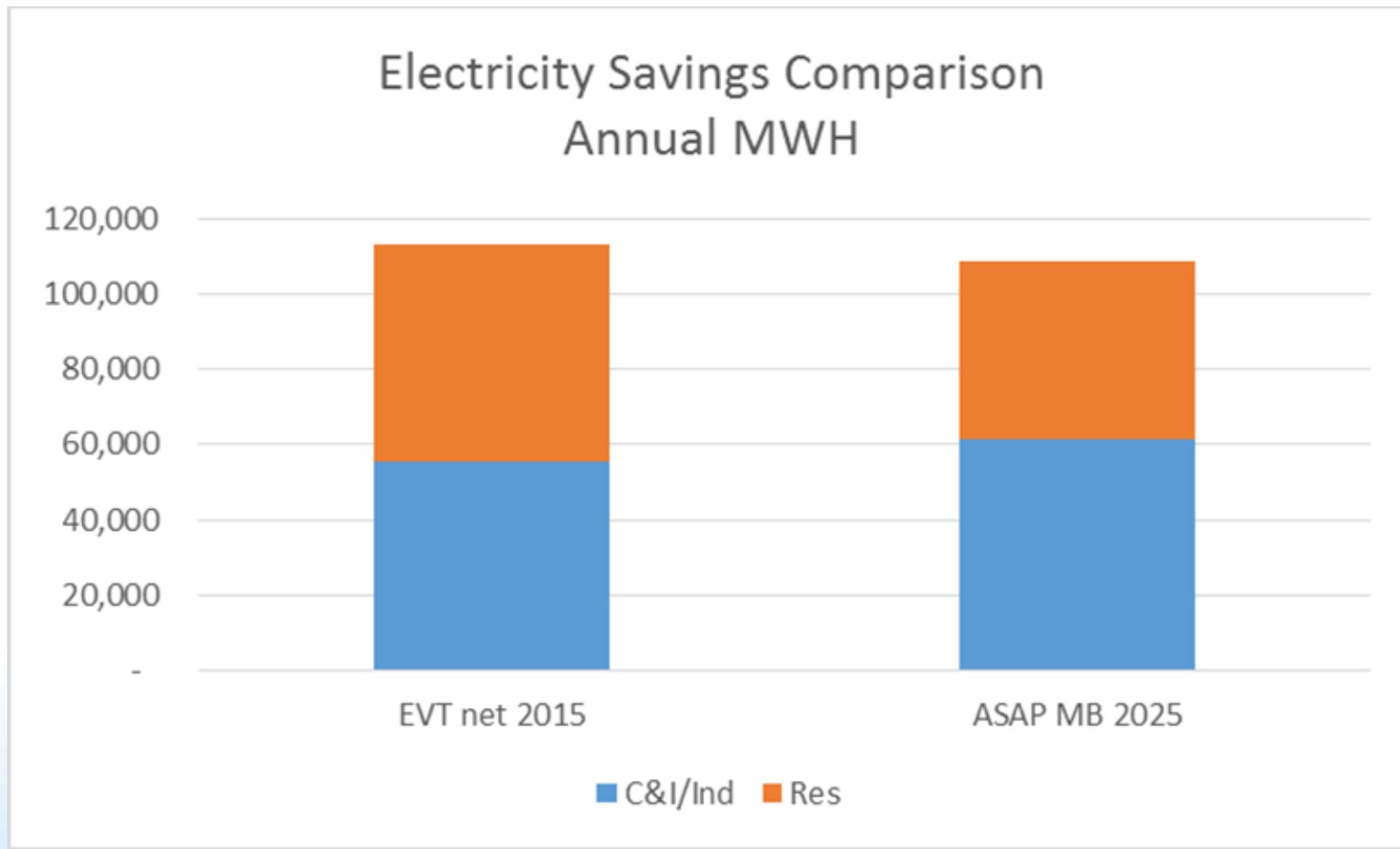


Efficiency Standards & A Vermont Carbon Tax

Pillars of the VT Total Energy Study

- Energy Efficiency
- Fuel- and mode-switching
- Renewable energy supply

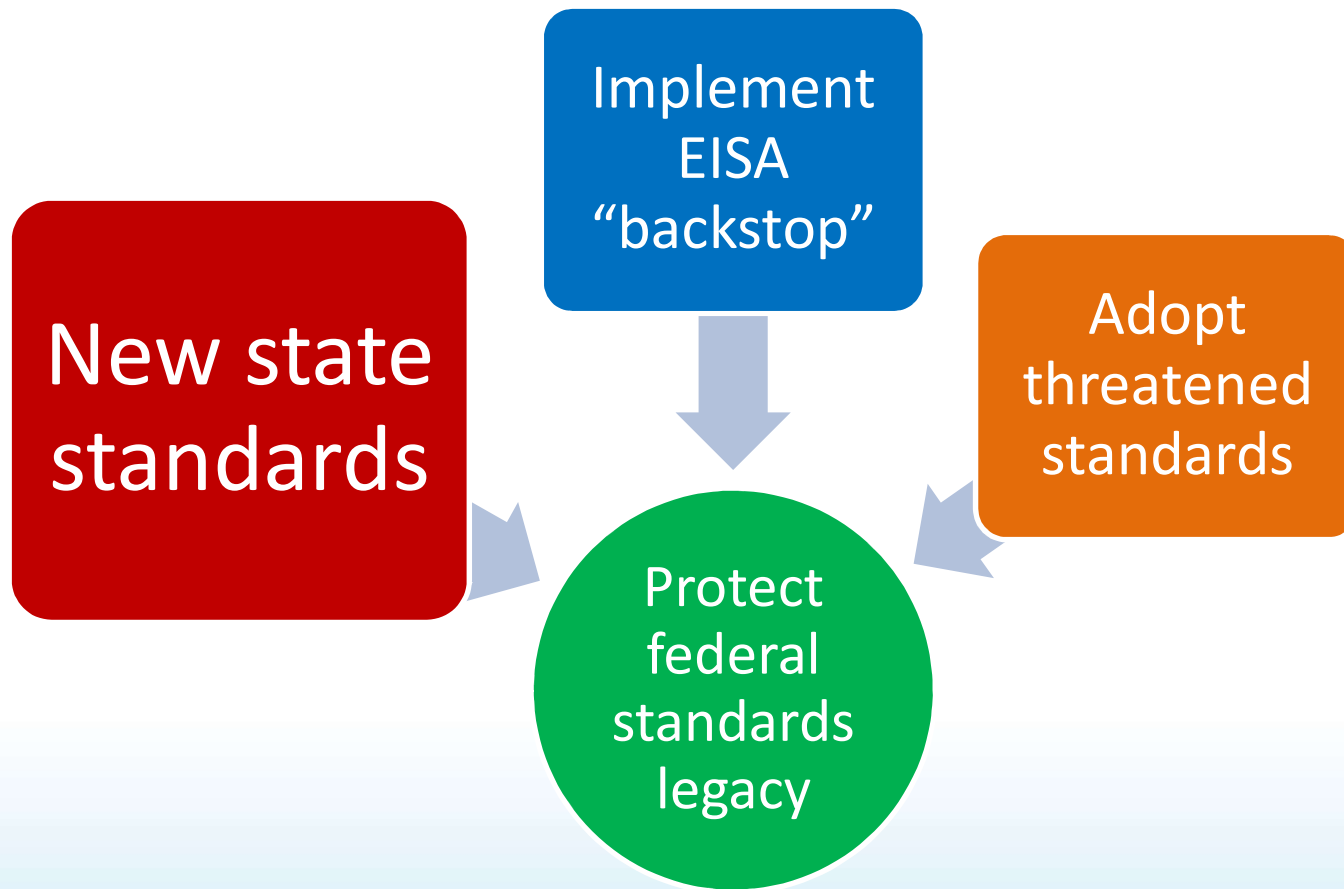
Impact of Proposed VT Standards



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

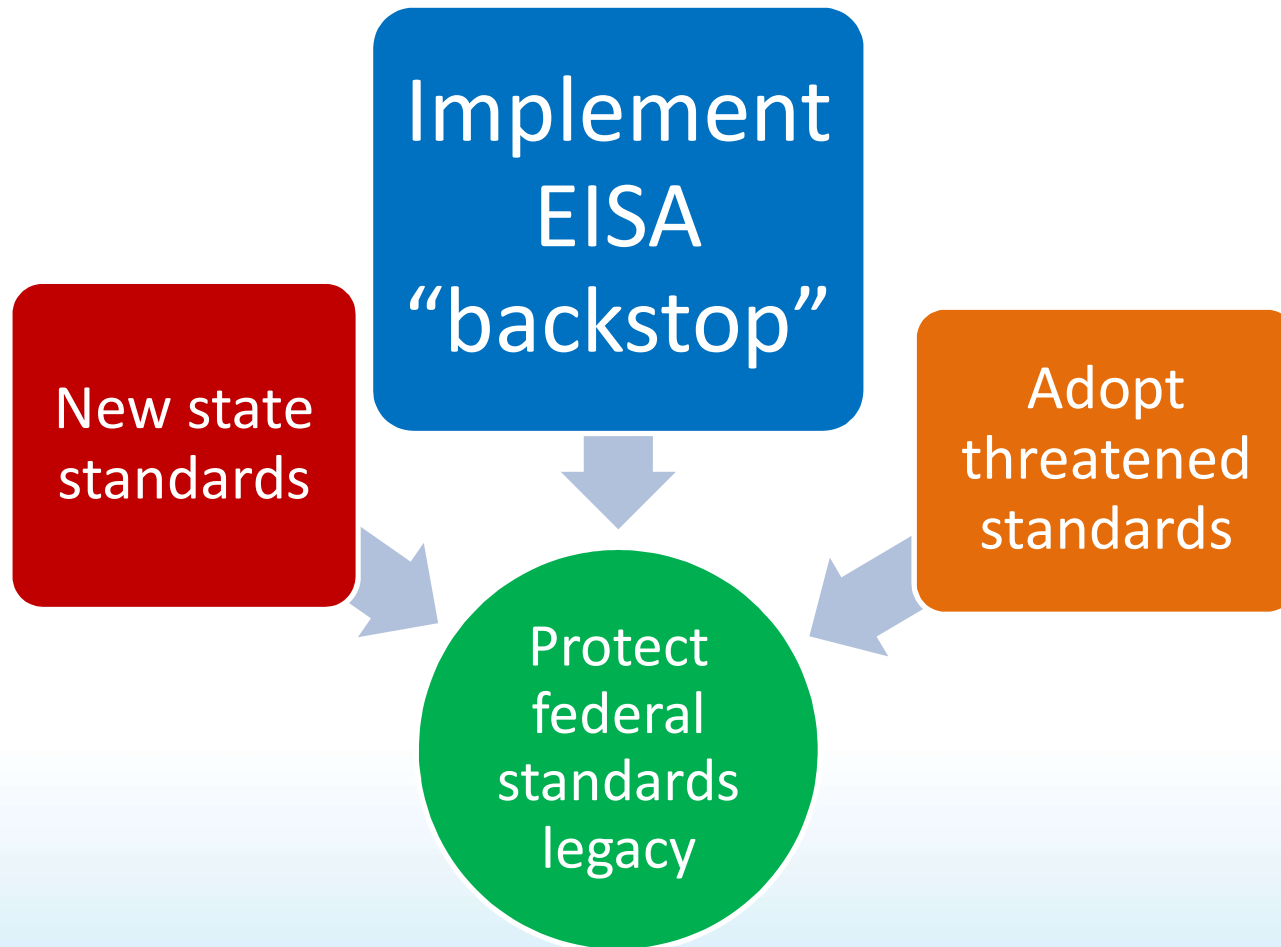
ASAP 2017 Model Bill Objectives



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)

ASAP 2017 Model Bill Objectives

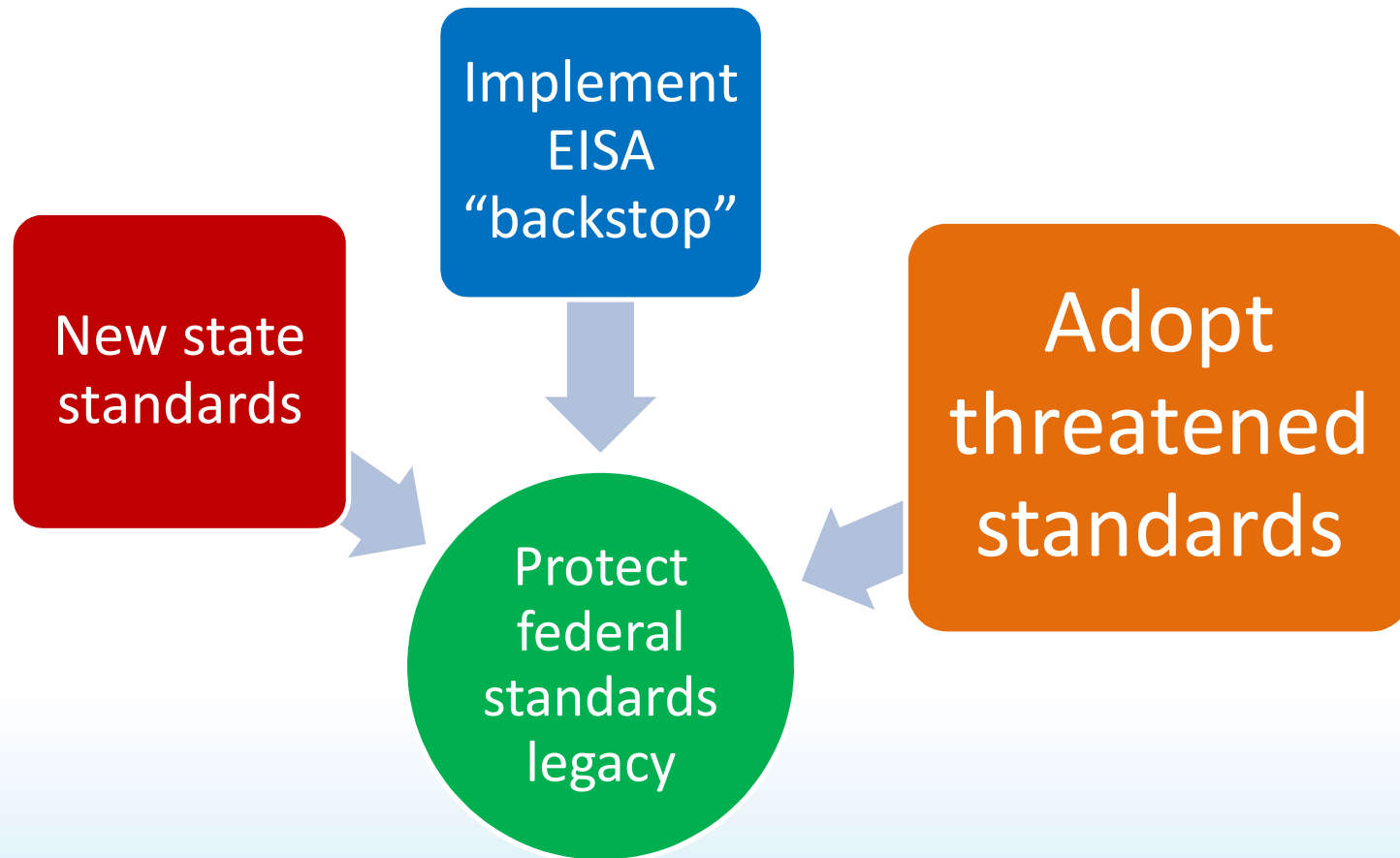


State Standards Protect Federal Achievements

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



ASAP 2017 Model Bill Objectives



State Standards Protect Federal Achievements

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

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



CALIFORNIA ENERGY COMMISSION

Expanding CA Standards to Other States

- States that potentially adopt CA appliance efficiency standards could easily use MAEDBS for certification.
 - No additional burden for manufacturers since certification to the database would only be conducted once.
 - No database maintenance costs MAEDBS, is publically accessible
- The CEC has enforcement capabilities and may leverage monetary penalties from non-compliant manufacturers.
 - An additional enforcement action against a manufacturer for non-compliance, might be that affected models could not be sold in CA or any state that has adopted CA standards.

Contact Info

Chris Granda

Senior Researcher/Analyst

802-922-7005

cgranda@standardsasap.org

www.appliance-standards.org

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