



Department of Commerce

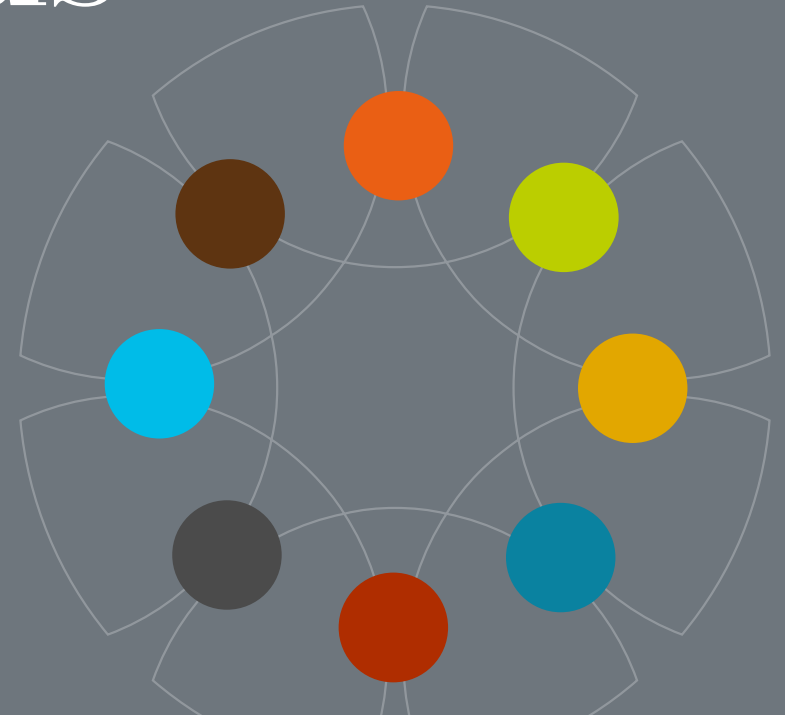
Appliance Standards

RULEMAKING WORKSHOP

AUGUST 5, 2019

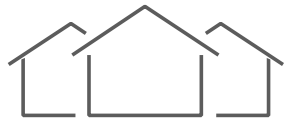
Glenn Blackmon, Ph.D. and Sarah Vorpahl, Ph.D.

WASHINGTON STATE ENERGY OFFICE

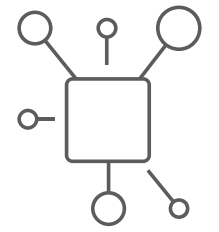




We strengthen communities



HOUSING / HOMELESSNESS



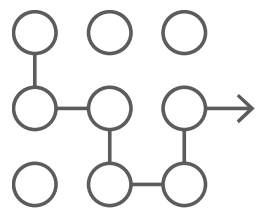
INFRASTRUCTURE



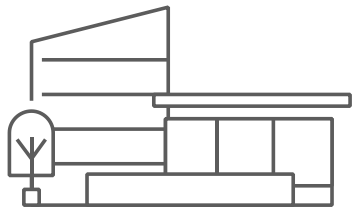
BUSINESS ASSISTANCE



ENERGY



PLANNING



COMMUNITY FACILITIES



CRIME VICTIMS / SAFETY



COMMUNITY SERVICE



Agenda

Meeting Objectives

- ✓ Learn about rulemaking requirements in appliance standards bill
- ✓ Identify and prioritize rulemaking issues
- ✓ Gather public input on water heater implementation




Agenda

- **1:00 Introduction, Background and Rulemaking Overview**
 - *Glenn Blackmon, Washington State Department of Commerce*
- **1:45 Break**
- **1:50 Water Heater Standard**
 - *Sarah Vorpahl, Washington State Department of Commerce*
- **2:50 Remaining Questions and Close**



Washington's appliance standards

A brief overview



Appliance standards – Chapter 19.260 RCW

- Created in 2005
- Amended in 2006 and 2009
- Amended in 2019 by HB 1444



Chapter 19.260 RCW

- 194-24-010 Authority.
- 194-24-020 Purpose.
- 194-24-030 Definitions.
- 194-24-040 Implementation dates, end dates, and applicability.
- 194-24-050 Labeling.
- 194-24-060 Testing and certification.
- 194-24-070 Penalties for noncompliance.

2019 Legislation



2nd Substitute House Bill 1444

Effective July 28, 2019



House Bill 1444 – Appliance standards

- Establishes energy and water efficiency standards for multiple products
- Establishes a design requirement for electric storage water heaters



House Bill 1444 – Appliance standards

- **Water products**

- Faucets
- Showerheads
- Spray sprinkler bodies
- Urinals
- Water closets
- Water coolers

- **Lighting products**

- High color rendering index (CRI) fluorescent lamps
- General service lamps

- **Commercial products**

- Fryers
- Dishwashers
- Steam cookers

- **Other products**

- Air compressors
- Computers and computer monitors
- Residential ventilating fans
- Uninterruptible power supplies
- Portable air conditioners



Electric storage water heaters

- **More on this later...**



Efficiency standards based on existing standards and methods

- California Energy Commission Title 20
- EPA Energy Star
- EPA Water Sense
- Federal standards not yet in effect



Other provisions in HB 1444

- Rulemaking authority to:
 - Adopt backstop standards for federally covered products
 - Update to reflect new versions of reference standards
 - Accelerate effective date of high-CRI lamps to match CA
- Report preempted products to Legislature
- Authority to rely on certification programs and testing of other states
- Repeals outdated water standard from 1991



Commerce needs to update its rules

- Delete products deleted from RCW 19.260 in 2009 or 2019
- Add products from 2019 legislation
- Review administrative and enforcement sections
 - Testing and certification provisions
 - Labeling requirements
 - Penalty provision
- Clarify as necessary



Rulemaking Schedule



Preliminary calendar

- **August**

- 5 – Initial workshop
- 15 – Initial notice published (CR-101)
- 26 – Opportunity for written comment

- **September**

- Commerce circulate draft rules
- 2nd rulemaking workshop

- **October**

- Commerce circulate 2nd draft rules
- Opportunity for written comment
- Formal rule proposal (CR-102)

- **November**

- Public hearing and written comment opportunity

- **December**

- Agency adoption of final rules

*For updates to rulemaking calendar please sign up for distribution list at **commerce.wa.gov/appliances***

*Please send written comment to **appliances@commerce.wa.gov***



Electric storage water heaters

Section 5, 2nd Substitute House Bill 1444



Summary of water heater standard

- **Applies to electric storage water heaters**
 - Input rating 12 kW or less
 - 40-120 gallon rated storage volume
 - Supplies water at 180 degrees or less
- **Applies to products manufactured after 2020**
 - Installed, sold, or offered for sale, lease, or rent in Washington
- **Requires CTA-2045, or equivalent, communication port**
- **Includes consumer privacy protections**



Commerce flexibility through rules

- **Adopt a later version of the CTA-2045 standard**
 - March 2018 version currently specified
- **Establish a later effective date or suspend enforcement**
 - If Commerce determines that a delay or suspension is in the public interest
- **Adopt other interface standards as equivalent to CTA-2045**

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*Please send written comment to **appliances@commerce.wa.gov***

Thank you!

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