



OREGON
DEPARTMENT OF
ENERGY

Oregon Department of ENERGY

Energy Efficiency
Standards
Stakeholder Advisory
Meeting

Blake Shelide, PE

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ENERGY EFFICIENCY STANDARDS (APPLIANCE STANDARDS)

Establish energy efficiency requirements for common products in order to be sold, offered for sale, or installed in Oregon

Contribute toward consumer energy efficiency, cost savings, and greenhouse gas reductions

Are complementary to building energy codes to address energy consumption on the built environment

Include a role for both State and Federal governments

OREGON STANDARDS LEGISLATIVE HISTORY

2005 – HB 3363

- 11 products
- ODOE provided with authority to create new and updated standards, subsequent legislation required

2013 – SB 692

- 3 additional products

2017 – SB 3025

- Definitional amendment for battery chargers to align with California
- No new standards

2007 – SB 375

- 6 additional products
- 1 year delay added for ODOE new standards or updates

2015 – SB 20

- Standards effective date clarification
- Cleanup for alignment with other states
- No new standards

2021 – HB 2062

- 11 products (9 new, 2 updates)
- Keeps legislation requirement for new standards
- Streamlines process for updating existing standards under limited circumstances

EXECUTIVE ORDERS

EO 17-20 (November 2017)

Office of the Governor
State of Oregon

EXECUTIVE ORDER NO. 17-20

ACCELERATING EFFICIENCY IN TO REDUCE GREENHOUSE GAS CLIMATE CHANGE

WHEREAS, climate change presents a economic security, environment, health,

WHEREAS, there has been an increase frequent and intense heat waves and wil Change Research Institute and other reg indicates Oregon is at risk of serious im change.

- Water resources are being affect to seasonal runoff patterns, decre increased intensity and occurre
- Agricultural resources are being
- Ocean acidification is increasing
- Significant parts of the Oregon c impacted by an expected rise in s billions of dollars of damages an
- Climate change impacts threaten recreation, and tourism industrie State's residents and an importan state.

WHEREAS, energy efficiency leads to s are essential to meeting our state greenh climate change.



WHEREAS, Oregon is committed to me targets to reduce greenhouse gas emissio by 2025.

WHEREAS, Oregon has adopted goals t percent below 1990 levels by 2020 and a 2050 as described in ORS 468A.20.

Oregon Department of ENERGY

Executive Order 17-20
Improved State Standards for Appliances

November 2018

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EO 20-04 (March 2020)

Office of the Governor
State of Oregon

EXECUTIVE ORDER NO. 20-04

DIRECTING THE OREGON DEPARTMENT OF ENERGY TO REGULATE CLIMATE CHANGE

WHEREAS, cli (GHG) emissio Oregon's econo

WHEREAS, cli financial, and ci American tribes lower-income h public processe change and are effects, job loss

WHEREAS, cli severity of wild rural economie

WHEREAS, the Climate Change change will wo

WHEREAS, the limiting global t potentially cata threshold requir percent below 1

WHEREAS, Or implementing p Paris Agreemen

WHEREAS, GI economy, safety

7. **Directives to the Oregon Department of Energy.** In addition to the general directives set forth in paragraph 3, ODOE is directed to take the following actions:

A. **Energy Efficiency Standards.** ODOE is directed to pursue emissions reductions by establishing and updating energy efficiency standards for products at least to levels equivalent to the most stringent standards among West Coast jurisdictions, including grid-connected appliances that can be utilized to manage end-use flexible electrical loads. ODOE also is directed to periodically evaluate and update those standards, as practicable, to remain at least equivalent to the most stringent standards among West Coast jurisdictions.

B. **Rulemaking.** ODOE is directed to take actions necessary to establish and update energy efficiency standards for products sold or installed in Oregon that include but are not limited to the following:

- High CRI fluorescent lamps;
- Computers and computer monitors;
- Faucets;
- Shower heads;
- Commercial fryers;
- Commercial dishwashers;
- Commercial steam cookers;
- Residential ventilating fans;
- Electric storage water heaters; and
- Portable electric spas.

C. **Timeline.** Any rulemaking necessary to implement the directives set forth in paragraph 7(B) should be completed by September 1, 2020.

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2020 RULEMAKING

March 10, 2020

- EO 20-04 signed

May 20, 2020

- Rulemaking Advisory Meeting
- Proposed standards available for review and comment

July 23, 2020

- Public Rulemaking Hearing

September 1, 2021

- Rules effective

April 23, 2020

- Notification to stakeholders regarding upcoming rulemaking and solicitation for input

July 7, 2020

- Rulemaking public notice
- Call for public comments

August 28, 2020

- Rules filed (became effective September 1, 2021, after 1+ year delay per statute)

PRODUCTS FROM 2020 RULEMAKING (EFFECTIVE 9/1/2021)

Oregon Equipment Standards Summary, 2020 Rulemaking			
Equipment	Matching West Coast States	Standard	Effective Date *
High CRI Fluorescent Lamps	WA	Section 430.32(n)(4) of Title 10 of the Code of Federal	1/1/2023
Computers and Computer Monitors	WA, CA	California Code of Regulations, Title 20, section 1605.3	1/1/2022
Faucets	WA, CA	California Code of Regulations, Title 20, section 1605.3	1/1/2022
Shower heads	WA, CA	California Code of Regulations, Title 20, section 1605.3	1/1/2022
Commercial Fryers	WA	ENERGY STAR® v2.0	1/1/2022
Commercial Dishwashers	WA	ENERGY STAR® v2.0	1/1/2022
Commercial Steam Cookers	WA	ENERGY STAR® v1.2	1/1/2022
Residential Ventilating Fans	WA	ENERGY STAR® v3.2	1/1/2022
Electric Storage Water Heaters	WA	ANSI/CTA-2045-A, March 2018 or equivalent	1/1/2022
Portable Electric Spas	CA	ANSI/APSP/ICC-14 2019	1/1/2022
Water Coolers	WA	ENERGY STAR® v2.0	1/1/2022

New standards for products without a previous Oregon standard

Updated standards for previously covered products

* Effective date is based on date of equipment manufacture. Existing inventory may continue to be sold.

HB 2062

What did/does the bill do?

- Establishes energy efficiency standards (conforming to rule)
- Cleans up statute
- Streamlines the process for updating an existing standard to maintain alignment with other states
- Establishes consultation process with appropriate building code boards for future standards updates

2021 Rulemaking

Purpose

- Clean up Oregon Administrative Rules to align with HB 2062
 - Re-organization
 - Re-numbering
- Update standard for Computers and Computer Monitors to align with recent update in California and other states



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Thank You!

Blake Shelide, PE

blake.shelide@energy.oregon.gov

Wendy Simons

wendy.simons@energy.oregon.gov

MORE INFORMATION:

[State of Oregon: Energy in Oregon - Energy Efficiency Standards: Appliances and Other Products](#)

[State of Oregon: GET INVOLVED - Energy Efficiency Standards Rulemaking](#)