



OREGON
DEPARTMENT OF
ENERGY

Oregon Department of ENERGY

HB 2062 Energy Efficiency Standards

Senate Committee on
Energy and Environment

Blake Shelide, PE
April 27, 2021



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 TIMELINE

2005 – HB 3363

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

2013 – SB 375

- 3 additional products

2017 – SB 3025

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

2007 – HB 3363

- 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

Proposed


2021 – HB 2062

- *11 products (9 new, 2 updates)*
- *Keeps legislation requirement for new standards*
- *Streamlines process for updating 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

WHEREAS, cli
(GHG) emissio
Oregon's econo

WHEREAS, cli
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WHEREAS, cli
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WHEREAS, the
Climate Change
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WHEREAS, the
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WHEREAS, O
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Paris Agreemer

WHEREAS, G
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:

- (1) High CRI fluorescent lamps;
- (2) Computers and computer monitors;
- (3) Faucets;
- (4) Shower heads;
- (5) Commercial fryers;
- (6) Commercial dishwashers;
- (7) Commercial steam cookers;
- (8) Residential ventilating fans;
- (9) Electric storage water heaters; and
- (10) 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

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 (to become effective September 1, 2020, after 1+ year delay per statute)

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.

HOW ODOE ESTABLISHES STANDARDS

- ORS 469.261 provides ODOE with the authority to review standards and administratively adopt new or updated efficiency standards
- If the director adopts rules to update the minimum energy efficiency standards specified in ORS [469.233 \(Energy efficiency standards\)](#) or to establish new minimum energy efficiency standards:
 - (A) The rules may not take effect until one year following their adoption by the director; and
 - (B) The Governor shall cause to be **introduced at the next Legislative Assembly a bill** to conform the statutory minimum energy efficiency standards to the minimum energy efficiency standards adopted by the director by rule.

HB 2062

What 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

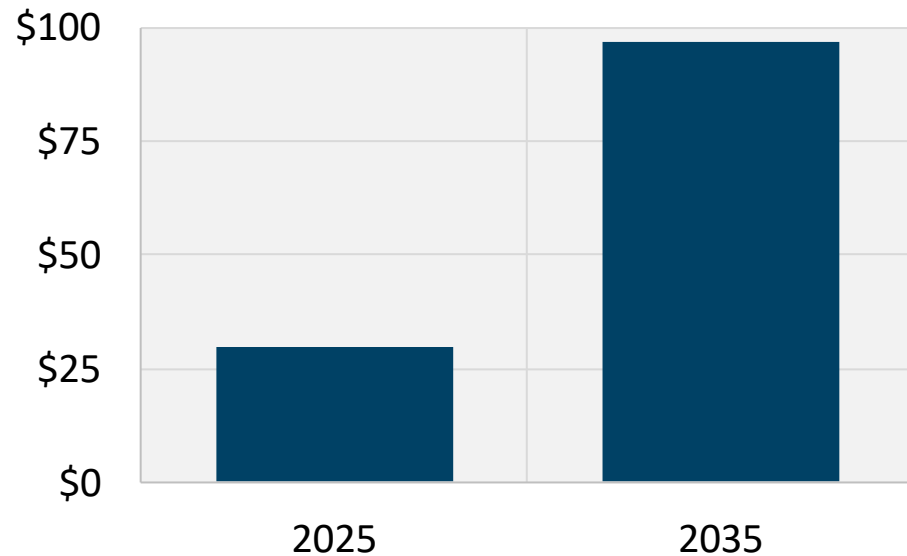
HB 2062 A

Items addressed in House -3 Amendment, 2062 A Engrossed

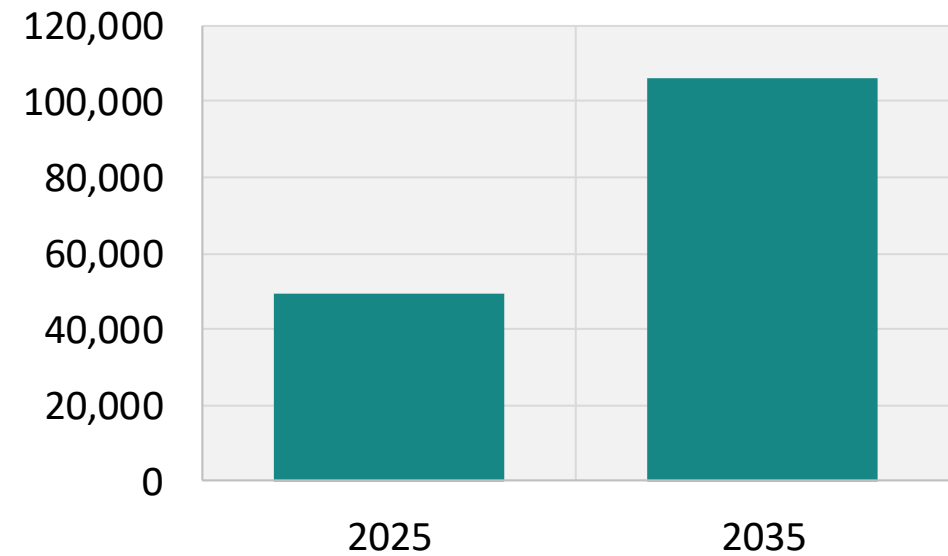
- Better aligns and relates the process for updating standards to the process for building code updates
- Requires consultation with appropriate building code Advisory Boards for updates to existing standards and definitions
- Clarifies language for ODOE administrative updates to a more recent version of a standard to maintain or improve consistency with other states

SAVINGS FROM HB 2062 STANDARDS

Cost Savings From Standards
(in millions)



Greenhouse Gas Reduction
(CO2, metric tonne)





OREGON
DEPARTMENT OF
ENERGY

Thank You!

Questions / Comments?

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MORE INFORMATION:

[HB 2062 ODOE One-Pager](#)