Oregon Department of ENERGY

Energy Efficiency Standards Stakeholder Advisory Meeting

Blake Shelide, PE

September 8, 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

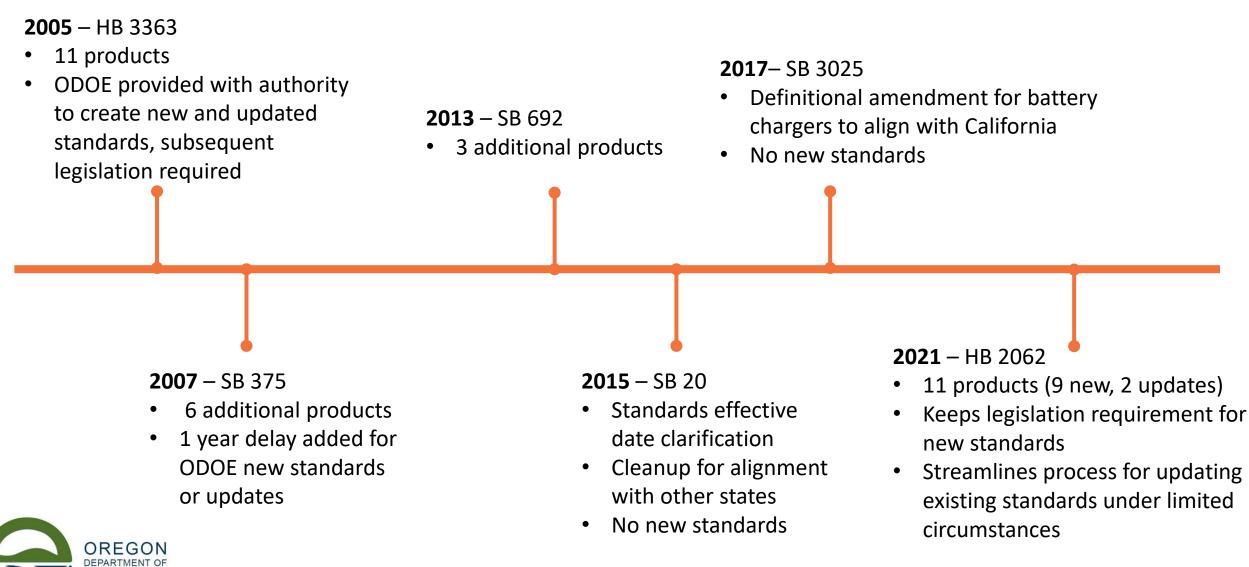
Contribute toward consumer energy efficiency, cost savings, and greenhouse gas reductions

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



Include a role for both State and Federal governments

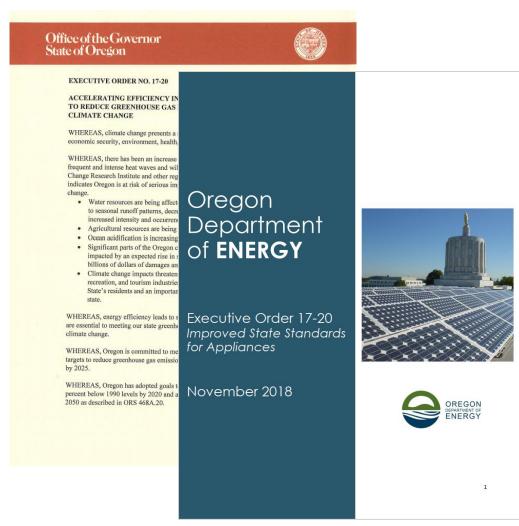
OREGON STANDARDS LEGISLATIVE HISTORY



ENERG

EXECUTIVE ORDERS

EO 17-20 (November 2017)



EO 20-04 (March 2020)

fice of the (te of Orego	ıor						
EXECUTIVE DIRECTING & REGULATE (gener	al direct	es to the Oregon Department of Energy. In addition to the irectives set forth in paragraph 3, ODOE is directed to take the g actions:				
WHEREAS, cli (GHG) emission Oregon's econo WHEREAS, cli financial, and cu American tribes lower-income h public processe: change and are effects, job loss	A. <u>Energy Efficiency Standards</u> . 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.						
WHEREAS, cli severity of wild rural economies WHEREAS, the	В.	<u>Rulemaking</u> . 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:					
Climate Change change will wor		(1)	High CRI fluorescent lamps;				
WHEREAS, the		(2)	Computers and computer monitors;				
limiting global potentially cata:		(3)	Faucets:				
threshold requir percent below 1		(4)	Shower heads;				
WHEREAS, OI		(5)	Commercial fryers;				
implementing p Paris Agreemer		(6)	Commercial dishwashers;				
WHEREAS, GI							
economy, safety		(7)	Commercial steam cookers;				
		(8)	Residential ventilating fans;				
		(9)	Electric storage water heaters; and				
		(10)	Portable electric spas.				

С.

<u>Timeline</u>. 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 signe	May 20, 2020 Rulemaking Advi Proposed standa for review and composed 	rds available	July 23, 2020 • Public Rulem Hearing	September 1, 2021akingRules effective	
 April 23, 2020 Notification to stakeholders regarding upcoming rulemaking and solicitation for input 				 August 28, 2020 Rules filed (became effective September 1, 2021, after 1+ year delay per statute) 	

New standards for products without a previous Oregon standard

Updated standards for previously covered products

PRODUCTS	S FR	OM 2020 RL	ILEMAKIN	NG (EFFECTIVE 9/1,	/2021)			
		Oregon Equipment Standards Summary, 2020 Rulemal						
		Equipment	Matching West Coast States	Standard	Effective Date *			
	Γ	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			
New standards for		Shower heads	WA, CA	California Code of Regulations, Title 20,	1/1/2022			

WA

WA

WA

WA

WA

CA

WA

Commercial Fryers

Commercial Dishwashers

Commercial Steam Cookers

Residential Ventilating Fans

Electric Storage Water

Portable Electric Spas

Water Coolers

Heaters

section 1605.3

ENERGY STAR[®] v2.0

ENERGY STAR[®] v2.0

ENERGY STAR[®] v1.2

ENERGY STAR[®] v3.2

ANSI/CTA-2045-A, March 2018 or equivalent

ANSI/APSP/ICC-14 2019

ENERGY STAR[®] v2.0

1/1/2022

1/1/2022

1/1/2022

1/1/2022

1/1/2022

1/1/2022

1/1/2022



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





Thank You!

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MORE INFORMATION:

State of Oregon: Energy in Oregon - Energy Efficiency Standards: Appliances and Other Products

State of Oregon: GET INVOLVED - Energy Efficiency Standards Rulemaking