HB 2062
Energy Efficiency Standards
House Committee on Energy and Environment

Blake Shelide, PE
March 1, 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

2007 – HB 3363
• 6 additional products
• 1 year delay added for ODOE new standards or updates

2013 – SB 375
• 3 additional products

2015 – SB 20
• Standards effective date clarification
• Cleanup for alignment with other states
• No new standards

2017 – SB 3025
• Definitional amendment for battery chargers to align with California
• 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)

EXECUTIVE ORDER NO. 17-20
ACCELERATING EFFICIENCY IN TO REDUCE GREENHOUSE GAS CLIMATE CHANGE

WHEREAS, climate change poses a threat to the safety, environment, health, and security of the State of Oregon; and
WHEREAS, fossil fuels are increasing greenhouse gas emissions and climate change; and
WHEREAS, rising temperatures and sea levels are increasing the risk of natural disasters; and
WHEREAS, the Oregon Department of Energy (DOE) is responsible for providing energy assistance to Oregonians; and
WHEREAS, the Energy Standards and Adoptions Board (ESAB) has adopted energy efficiency standards for water heaters, commercial refrigerators, and commercial dishwashers; and
WHEREAS, the energy efficiency standards for water heaters, commercial refrigerators, and commercial dishwashers will reduce greenhouse gas emissions.

NOW, THEREFORE, be it resolved by the Governor and the Legislature of the State of Oregon, by virtue of the authority vested in this body, as follows:

1. The Governor directs the DOE to implement the energy efficiency standards for water heaters, commercial refrigerators, and commercial dishwashers.

EO 20-04 (March 2020)

EXECUTIVE ORDER NO. 20-04
DIRECTING ODOE TO REGULATE CATEGORIZED GAS USE

WHEREAS, the Governor believes that the State of Oregon should lead the nation in addressing climate change; and
WHEREAS, the Governor believes that the State of Oregon should be a leader in reducing greenhouse gas emissions; and
WHEREAS, the Governor believes that the State of Oregon should take action to address climate change; and
WHEREAS, the Governor believes that the State of Oregon should take action to address climate change.

NOW, THEREFORE, be it resolved by the Governor and the Legislature of the State of Oregon, by virtue of the authority vested in this body, as follows:

7. Directive 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 reductions in greenhouse gas emissions by establishing and updating energy efficiency standards for products at least equal to the most stringent standards among West Coast jurisdictions, including grid-connected appliances that can be utilized to manage end-use flexible electrical loads.

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.
2020 RULEMAKING

March 10, 2020
• EO 20-04 signed

April 23, 2020
• Notification to stakeholders regarding upcoming rulemaking and solicitation for input

May 20, 2020
• Rulemaking Advisory Meeting
• Proposed standards available for review and comment

July 7, 2020
• Rulemaking public notice
• Call for public comments

July 23, 2020
• Public Rulemaking Hearing

August 28, 2020
• Rules filed (to become effective September 1, 2020, after 1+ year delay per statute)
### Oregon Equipment Standards Summary, 2020 Rulemaking

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

*Effective date is based on date of equipment manufacture. Existing inventory may continue to be sold.*
• 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
SAVINGS FROM HB 2062 STANDARDS

Cost Savings From Standards (in millions)

Greenhouse Gas Reduction (CO2, metric tonne)
Thank You!

Questions / Comments?

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MORE INFORMATION:

HB 2062 ODOE One-Pager