Oregon Department of ENERGY

HB 2062
Energy Efficiency Standards
House Committee on Energy and Environment

Blake Shelide, PE
February 3, 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 EMISSIONS CLIMATE CHANGE

WHEREAS, climate change poses a serious health, environmental, economic, and national security threat;

WHEREAS, Oregon is already experiencing the effects of climate change, including increased wildfires, droughts, floods, and coastal erosion;

WHEREAS, energy efficiency standards can help reduce greenhouse gas emissions and decrease energy costs for consumers;

WHEREAS, Oregon has adopted policies to reduce greenhouse gas emissions by 2050;

WHEREAS, Oregon has adopted goals to reduce greenhouse gas emissions by 2050 and 2090 as described in ORS 468A.20.

Oregon Department of ENERGY

Executive Order 17-20
Improved State Standards for Appliances

November 2018

EO 20-04 (March 2020)

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 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.
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 23, 2020
- Public Rulemaking Hearing

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

<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.
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 West Coast jurisdictions
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