
A BILL FOR AN ACT

RELATING TO APPLIANCE EFFICIENCY STANDARDS.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that the high cost of
2 living in Hawaii adds to the importance of adopting policies
3 that promote and encourage energy efficiency, which can provide
4 relief for families faced with high utility bills. Without
5 state appliance efficiency standards to provide consumer
6 protection, appliance manufacturers unload their less efficient
7 appliance inventory in states like Hawaii because they cannot
8 sell them in states with heightened standards like California,
9 Connecticut, New Hampshire, Oregon, Rhode Island, and
10 Washington.

11 The legislature also finds that new appliance efficiency
12 standards have the potential to save Hawaii families and
13 businesses billions of dollars while also conserving energy and
14 water resources. According to a 2017 national study from the
15 American Council for an Energy-Efficient Economy, Hawaii has the
16 best opportunity in the nation to save money through the
17 implementation of appliance efficiency standards. The study



1 found that by adopting appliance efficiency standards, Hawaii
 2 could save nearly \$1,000,000,000 in electricity costs over
 3 twenty years, which is the equivalent of about \$215 annually for
 4 each Hawaii household. Although many appliances, including
 5 refrigerators, dishwashers, and commercial air conditioners, are
 6 regulated by national appliance efficiency standards, the study
 7 found that states can save billions of dollars by adopting
 8 state-level appliance efficiency standards for appliances that
 9 are not regulated by national standards.

10 The legislature further finds that by adopting state
 11 appliance efficiency standards, the State can:

- 12 (1) Provide a boost to the local economy, which occurs
 13 when consumers and businesses spend their economic
 14 savings on other goods and services;
- 15 (2) Protect consumers against manufacturers who would
 16 otherwise sell less efficient appliances that they
 17 cannot sell in other states with heightened standards;
- 18 (3) Ensure that Hawaii residents do not miss out on
 19 potential savings while progress on standards at the
 20 national level is uncertain;



- 1 (4) Improve electric system reliability and potentially
- 2 reduce the need for new energy and water
- 3 infrastructures based on the resulting energy and
- 4 water savings;
- 5 (5) Lower electricity bills for residents and businesses;
- 6 and
- 7 (6) Reduce air pollutants and greenhouse gas emissions,
- 8 which can result in public health benefits and help
- 9 the State meet its clean energy and climate mitigation
- 10 targets.

11 Furthermore, the legislature finds that the cost of most
 12 appliances specifically listed in this Act are equal to the cost
 13 of non-compliant appliances, or available at a minimal cost
 14 premium.

15 The legislature recognizes the State of California as a
 16 leader in establishing state-level appliance efficiency
 17 standards that protect consumers. Accordingly, the legislature
 18 finds that Hawaii should adopt the California appliance
 19 efficiency standards.

20 The purpose of this Act is to establish state appliance
 21 efficiency standards.

1 SECTION 2. Chapter 196, Hawaii Revised Statutes, is
2 amended by adding a new part to be appropriately designated and
3 to read as follows:

4 "PART . APPLIANCE EFFICIENCY STANDARDS

5 §196-A Definitions. As used in this chapter:

6 "Compensation" means money or any other valuable thing,
7 regardless of form, received or to be received by a person for
8 services rendered.

9 "Computer" means "computer" as defined in California Code
10 of Regulations, Title 20, section 1602(v), as amended.

11 "Computer monitor" means "computer monitor" as defined in
12 California Code of Regulations, Title 20, section 1602(v), as
13 amended.

14 "Director" means the director of business, economic
15 development, and tourism.

16 "Faucet" means a lavatory faucet, kitchen faucet, metering
17 faucet, or replacement aerator for a lavatory or kitchen faucet.

18 "High color rendering index (CRI) fluorescent lamp" means a
19 fluorescent lamp with a color rendering index of eighty-seven or
20 greater that is not a compact fluorescent lamp.



1 "Showerhead" means a device through which water is
2 discharged for a shower bath. Showerhead includes any
3 showerhead, including a handheld showerhead, except a safety
4 showerhead.

5 "Spray sprinkler body" means the exterior case or shell of
6 a sprinkler incorporating a means of connection to the piping
7 system designed to convey water to a nozzle or orifice.

8 §196-B Purpose. The purpose of this part is to establish
9 minimum appliance efficiency standards for certain products sold
10 or installed in the State.

11 §196-C Rules. The director may adopt rules pursuant to
12 chapter 91 to enforce minimum efficiency standards for the types
13 of new products set forth in section 196-D.

14 §196-D Scope. (a) Appliance efficiency standards are
15 established under this part for the following appliances:

- 16 (1) Computers and monitors;
- 17 (2) Faucets;
- 18 (3) High CRI fluorescent lamps;
- 19 (4) Showerheads; and
- 20 (5) Spray sprinkler bodies.



1 (b) This section shall apply to the sale and offering for
2 sale, lease, or rent of appliances under subsection (a) in the
3 State.

4 (c) This section shall not apply to:

5 (1) New products manufactured in the State and sold
6 outside the State;

7 (2) New products manufactured outside the State and sold
8 at wholesale inside the State for final retail sale
9 and installation outside the State;

10 (3) Products installed in mobile manufactured homes at the
11 time of construction; or

12 (4) Products designed expressly for installation and use
13 in recreational vehicles.

14 If any standard established under this chapter is
15 subsequently preempted by federal law, all other state appliance
16 efficiency standards not preempted shall remain in effect.

17 **§196-E Appliance efficiency standards.** (a) The following
18 minimum efficiency standards shall apply to products listed or
19 incorporated in section 196-D:



- 1 (1) Computers and computer monitors shall meet the
2 requirements set forth in California Code of
3 Regulations, Title 20, Section 1605.3, as amended;
- 4 (2) Faucets shall meet the minimum efficiency standards
5 set forth in California Code of Regulations, Title 20,
6 Section 1605.1, as amended;
- 7 (3) High CRI fluorescent lamps shall meet the minimum
8 efficacy requirements contained in Section
9 430.32(n)(4) of Title 10 of the Code of Federal
10 Regulations as in effect on January 3, 2017, as
11 measured in accordance with Appendix R to Subpart B of
12 Part 430 of Title 10 of the Code of Federal
13 Regulations—"Uniform Test Method for Measuring Average
14 Lamp Efficacy (LE), Color Rendering Index (CRI), and
15 Correlated Color Temperature (CCT) of Electric Lamps"—
16 as amended;
- 17 (4) Showerheads shall meet the minimum efficiency
18 standards set forth in California Code of Regulations,
19 Title 20, Section 1605.1, as amended; and
- 20 (5) Spray sprinkler bodies that are not specifically
21 excluded from the scope of the WaterSense



1 Specification for Spray Sprinkler Bodies, Version 1.0,
2 shall include an integral pressure regulator and shall
3 meet the water efficiency and performance criteria and
4 other requirements of that specification, as amended.

5 (b) When adopting standards for appliances pursuant to
6 section 196-D(a), the director shall set appliance efficiency
7 standards upon a determination that increased efficiency
8 standards would serve to promote energy or water conservation in
9 the State and would be cost effective for consumers who purchase
10 and use such new products.

11 **§196-F Implementation.** (a) On or after January 1, 2021,
12 no new computer, computer monitor, faucet, high color rendering
13 index fluorescent lamp, showerhead, or spray sprinkler body
14 shall be sold, leased, or rented, or offered for sale, lease, or
15 rent in the State unless the efficiency of the new product meets
16 or exceeds the efficiency standards provided in rules adopted
17 pursuant to this part.

18 (b) On or after January 1, 2022, no products shall be
19 installed for compensation in the State unless the efficiency of
20 the new products meets or exceeds the efficiency standards
21 provided in rules adopted pursuant to this part.



1 **§196-G Testing, certification, and labeling.**

2 Manufacturers shall test, certify, and label products meeting
3 the standards set forth in section 196-E and may utilize
4 testing, certification, and labeling programs of other states
5 and federal agencies with similar standards for purposes of
6 compliance under this chapter. Products listed in California's
7 Modernized Appliance Efficiency Database System shall be deemed
8 to be in compliance with this chapter.

9 **§196-H Protection against repeal of federal standards.**

10 (a) If any of the energy or water conservation standards issued
11 or approved for publication by the Office of the United States
12 Secretary of Energy as of January 19, 2017, pursuant to the
13 Energy Policy and Conservation Act (Parts 430-431 of Title 10 of
14 the Code of Federal Regulations), are withdrawn, repealed, or
15 otherwise voided, the minimum energy or water efficiency level
16 permitted for products previously subject to federal energy or
17 water conservation standards shall be the previously applicable
18 federal standards, and no such new product may be sold or
19 offered for sale, lease, or rent in the State unless it meets or
20 exceeds such standards.



1 (b) This section shall not apply to any federal energy or
2 water conservation standard set aside by a court upon the
3 petition of a person who will be adversely affected, as provided
4 in Section 6306(b) of Title 42 of the United States Code."

5 SECTION 3. Section 269-123, Hawaii Revised Statutes, is
6 amended by amending subsection (b) to read as follows:

7 "(b) The public benefits fee administrator's duties and
8 responsibilities shall be established by the public utilities
9 commission by rule or order, and may include:

- 10 (1) Identifying, developing, administering, promoting,
11 implementing, and evaluating programs, methods, and
12 technologies that support energy-efficiency and
13 demand-side management programs;
- 14 (2) Encouraging the continuance or improvement of
15 efficiencies made in the production, delivery, and use
16 of energy-efficiency and demand-side management
17 programs and services;
- 18 (3) Using the energy-efficiency expertise and capabilities
19 that have developed or may develop in the State and
20 consulting with state agency experts;



- 1 (4) Promoting program initiatives, incentives, and market
2 strategies that address the needs of persons facing
3 the most significant barriers to participation;
- 4 (5) Promoting coordinated program delivery, including
5 coordination with electric public utilities regarding
6 the delivery of low-income home energy assistance,
7 other demand-side management or energy-efficiency
8 programs, and any utility programs;
- 9 (6) Consideration of innovative approaches to delivering
10 demand-side management and energy-efficiency services,
11 including strategies to encourage third-party
12 financing and customer contributions to the cost of
13 demand-side management and energy-efficiency services;
14 [and]
- 15 (7) Submitting, to the public utilities commission for
16 review and approval, a multi-year budget and planning
17 cycle that promotes program improvement, program
18 stability, and maturation of programs and delivery
19 resources [-]; and
- 20 (8) Educating and training appliance manufacturers,
21 distributors, and retailers of appliances covered

1 under part of chapter 196 about the appliance
2 efficiency standards established under that part to
3 improve compliance."

4 SECTION 4. In codifying the new sections added by section
5 2 of this Act, the revisor of statutes shall substitute
6 appropriate section numbers for the letters used in designating
7 the new sections in this Act.

8 SECTION 5. Statutory material to be repealed is bracketed
9 and stricken. New statutory material is underscored.

10 SECTION 6. This Act shall take effect on July 1, 2050.



Report Title:

Appliance Efficiency Standards

Description:

Establishes state appliance efficiency standards. (SB1323 HD1)

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

