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# 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 require the public utilities  
21 commission and department of business, economic development, and



1 tourism to adopt the existing appliance efficiency standards  
2 promulgated in California.

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

6 "PART . APPLIANCE EFFICIENCY STANDARDS

7 §196-A Purpose. The purpose of this part is to direct the  
8 public utilities commission and department of business, economic  
9 development, and tourism to adopt minimum appliance efficiency  
10 standards for products sold or installed in the State consistent  
11 with existing appliance efficiency standards established in  
12 California.

13 §196-B Rules. (a) By January 1, 2021, the public  
14 utilities commission and department of business, economic  
15 development, and tourism shall adopt rules pursuant to chapter  
16 91 to effectuate the purposes of this part; provided that any  
17 rules adopted shall include:

18 (1) Minimum appliance efficiency standards for new  
19 products, including but not limited to those product  
20 types set forth in section 196-C; provided that any  
21 determination by the public utilities commission and



1 department of business, economic development, and  
2 tourism in setting minimum efficiency standards shall  
3 be based upon a determination that:

4 (A) Increased efficiency standards would serve to  
5 promote energy or water conservation in the  
6 State; and

7 (B) The standard would be cost effective for  
8 consumers who purchase and use those new  
9 products; and

10 (2) Test procedures and methods for the testing of  
11 products.

12 The public utilities commission and department of business,  
13 economic development, and tourism, in adopting rules, may  
14 establish standards for products not specifically listed in  
15 section 196-C.

16 (b) No new or increased efficiency standards shall become  
17 effective within one year after the adoption of any amended  
18 regulations establishing increased efficiency standards.

19 **§196-C Scope.** (a) The public utilities commission and  
20 department of business, economic development, and tourism shall  
21 adopt the appliance energy efficiency standards in title 20



1 California Code of Regulations, as in effect on July 1, 2018,

2 for:

3 (1) Computers and monitors;

4 (2) Faucets;

5 (3) High color rendering index fluorescent lamps;

6 (4) Showerheads; and

7 (5) Spray sprinkler bodies;

8 provided that the public utilities commission and department of  
9 business, economic development, and tourism shall not adopt any  
10 standard that is preempted by federal law.

11 (b) This part shall apply to the sale, lease, or rent and  
12 the offering for sale, lease, or rent of appliances and devices  
13 identified in subsection (a).

14 (c) This part shall not apply to:

15 (1) New products manufactured in the State and sold  
16 outside the State;

17 (2) New products manufactured outside the State and sold  
18 at wholesale inside the State for final retail sale  
19 and installation outside the State;

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



1 (4) Products designed expressly for installation and use  
2 in recreational vehicles.

3 (d) If any standard adopted by the public utilities  
4 commission and department of business, economic development, and  
5 tourism pursuant to this part is subsequently preempted by  
6 federal law, all other state appliance efficiency standards not  
7 preempted and that can be given effect without the preempted  
8 standard shall remain in effect.

9 **§196-D Implementation.** (a) On or after January 1, 2021,  
10 no new computer, computer monitor, faucet, high color rendering  
11 index fluorescent lamp, showerhead, or spray sprinkler body  
12 shall be sold, leased, or rented, or offered for sale, lease, or  
13 rent in the State unless the efficiency of the new product meets  
14 or exceeds the efficiency standards provided in rules adopted  
15 pursuant to this part.

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

20 SECTION 3. In codifying the new sections added by section  
21 2 of this Act, the revisor of statutes shall substitute



1 appropriate section numbers for the letters used in designating  
2 the new sections in this Act.

3 SECTION 4. This Act shall take effect on July 1, 2050.



**Report Title:**

Appliance Efficiency Standards; Public Utilities Commission;  
Department of Business, Economic Development, and Tourism

**Description:**

Requires the public utilities commission and department of  
business, economic development, and tourism to adopt state  
appliance efficiency standards consistent with California's  
existing appliance efficiency standards. Effective 7/1/2050.  
(SD1)

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not legislation or evidence of legislative intent.*

