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# A BILL FOR AN ACT

RELATING TO ENERGY-EFFICIENCY PORTFOLIO STANDARDS.

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

1       SECTION 1. The legislature finds that, as Hawaii  
2 progresses toward achieving its renewable energy and  
3 decarbonization goals, energy efficiency remains the most cost-  
4 effective way to reduce emissions associated with electricity  
5 generation and consumption, while providing financial benefits  
6 for customers. The legislature also finds that in 2008, the  
7 State, in partnership with the United States Department of  
8 Energy, established the Hawaii clean energy initiative, which  
9 included goals for energy efficiency. Subsequently, Act 155,  
10 Session Laws of Hawaii 2009, codified these energy efficiency  
11 goals by establishing an energy-efficiency portfolio standard  
12 under section 269-96, Hawaii Revised Statutes, which sets the  
13 statewide energy efficiency goal for 2030 at four thousand three  
14 hundred gigawatt hours and directs the public utilities  
15 commission to establish interim goals for 2015, 2020, and 2025.  
16 Now, fifteen years later, the legislature further finds that it  
17 is appropriate to extend these goals and ensure that the public



1 utilities commission can continue its work developing and  
2 overseeing the State's energy-efficiency portfolio standards  
3 beyond 2030.

4 The purpose of this Act is to extend and further develop  
5 the energy-efficiency portfolio standards established and  
6 overseen by the public utilities commission.

7 SECTION 2. Section 196-62.5, Hawaii Revised Statutes, is  
8 amended by amending subsection (b) to read as follows:

9 "(b) As may be applicable, an agency shall consult with  
10 the public benefits fee administrator of the commission [~~prior~~  
11 ~~to~~] before planning an energy-efficiency measure subject to this  
12 section. The agency's proposed energy-efficiency measures shall  
13 meet or exceed the public benefits fee administrator's enhanced  
14 efficiency levels and requirements to be eligible for the Hawaii  
15 green infrastructure loan program. The agency shall coordinate  
16 with the public benefits fee administrator throughout the entire  
17 project cycle to ensure that energy efficiency is maximized.  
18 All supporting documentation required by the public benefits fee  
19 administrator shall be provided by the agency to ensure  
20 compliance with the State's energy-efficiency portfolio  
21 [~~standard~~] standards under section 269-96."



1 SECTION 3. Section 269-96, Hawaii Revised Statutes, is  
2 amended by amending subsections (b) through (e) to read as  
3 follows:

4 "(b) The energy-efficiency portfolio standards shall be  
5 designed to achieve four thousand three hundred gigawatt hours  
6 of electricity use reductions statewide by 2030[+] and six  
7 thousand gigawatt hours of electricity use reductions statewide  
8 by 2045; provided that the public utilities commission shall  
9 establish interim goals for electricity use reduction to be  
10 achieved by 2015, 2020, [~~and~~] 2025, 2035, and 2040, and may also  
11 adjust the 2030 [~~standard~~] and 2045 standards and interim  
12 standards by rule or order to maximize cost-effective energy-  
13 efficiency programs and technologies[+]; provided further that  
14 the interim goals established by the public utilities commission  
15 shall show clear progress towards meeting the State's 2030 and  
16 2045 energy-efficiency portfolio standards.

17 (c) The public utilities commission may establish, by rule  
18 or order, incentives and penalties based on performance in  
19 achieving the energy-efficiency portfolio standards [~~by rule or~~  
20 ~~order~~].



1 (d) The public utilities commission shall evaluate the  
2 energy-efficiency portfolio [~~standard~~] standards every five  
3 years, beginning in 2013, [~~and may revise the standard, based on~~  
4 ~~the best information available at the time,~~] to determine if the  
5 energy-efficiency portfolio [~~standard~~] standards established by  
6 this section [~~remains~~] remain effective and achievable[~~-~~] and  
7 may revise the standards, based on the best information  
8 available at the time. The public utilities commission shall  
9 report its findings and revisions to the energy-efficiency  
10 portfolio [~~standard,~~] standards, based on its own studies and  
11 other information, to the legislature no later than twenty days  
12 before the convening of the regular session of 2014, and every  
13 five years thereafter.

14 (e) Beginning in 2015, electric energy savings brought  
15 about by the use of renewable displacement or off-set  
16 technologies, including solar water heating and sea-water air-  
17 conditioning district cooling systems, shall count toward [~~this~~  
18 ~~standard.~~] these standards."

19 SECTION 4. Statutory material to be repealed is bracketed  
20 and stricken. New statutory material is underscored.



**1** SECTION 5. This Act shall take effect on July 1, 3000.



**Report Title:**

PUC; Energy-Efficiency Portfolio Standards; Extension

**Description:**

Extends the State's deadline to achieve its energy-efficiency portfolio standards from 2030 to 2045 and updates the standards. Requires the Public Utilities Commission to establish additional interim standards for electricity use reduction to be achieved by 2035 and 2040. Authorizes the Public Utilities Commission to adjust the 2030 and 2045 standards and interim standards. Effective 7/1/3000. (HD1)

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