

JAN 17 2025

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, more than fifteen years later, the legislature further
17 finds that it is appropriate to extend these goals and ensure



1 that the public utilities commission can continue its work
2 developing and overseeing the State's energy-efficiency
3 portfolio standards 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 to
11 planning an energy-efficiency measure subject to this section.
12 The agency's proposed energy-efficiency measures shall meet or
13 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~~] six thousand
6 gigawatt hours of [~~electricity use reductions~~] cumulative
7 persisting electricity savings statewide by [~~2030,~~] 2045;
8 provided that the commission shall establish interim goals for
9 electricity use reduction to be achieved by 2015, 2020, [~~and~~]
10 2025, 2030, 2035, and 2040, and may also adjust the [~~2030~~
11 ~~standard~~] 2045 and interim standards by rule or order to
12 maximize cost-effective energy-efficiency programs and
13 technologies.

14 For the purposes of this subsection, "cumulative persisting
15 electricity savings" means the total electric energy savings in
16 a given year from measures installed in that year or in previous
17 years, but no earlier than January 1, 2009, that are still
18 operational and providing savings in that year because the
19 measures have not yet reached the end of their useful lives.



1 (c) The commission may establish, by rule or order,
2 incentives and penalties based on performance in achieving the
3 energy-efficiency portfolio standards [~~by rule or order~~].

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

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



S.B. NO. 643

1 SECTION 4. Statutory material to be repealed is bracketed
2 and stricken. New statutory material is underscored.

3 SECTION 5. This Act shall take effect upon its approval.

4

INTRODUCED BY: _____

A handwritten signature in black ink, appearing to be 'J. D.', written over a horizontal line.

S.B. NO. 643

Report Title:

Energy-efficiency Portfolio Standards; Extension; Public
Utilities Commission

Description:

Extends the State's energy-efficiency portfolio standards from 2030 to 2045 and updates the standards. Authorizes the public utilities commission to adjust the 2045 and interim standards.

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