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



1 Now, fifteen years later, the legislature further finds
2 that it is appropriate to extend these energy efficiency goals
3 and ensure that the public utilities commission may continue its
4 work developing and overseeing the State's energy-efficiency
5 portfolio standards beyond 2030.

6 Accordingly, the purpose of this Act is to extend and
7 further develop the energy-efficiency portfolio standards
8 established and overseen by the public utilities commission.

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

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



1 compliance with the State's energy-efficiency portfolio
2 [~~standard~~] standards under section 269-96."

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

6 "(b) The energy-efficiency portfolio standards shall be
7 designed to achieve [~~four thousand three hundred~~] six thousand
8 gigawatt hours of [~~electricity use reductions~~] cumulative
9 persisting electricity savings statewide by [~~2030,~~] 2045;
10 provided that the commission shall establish interim goals for
11 electricity use reduction to be achieved by 2015, 2020, [~~and~~]
12 2025, 2030, 2035, and 2040, and may also adjust the
13 [~~2030 standard~~] 2045 and interim standards by rule or order to
14 maximize cost-effective energy-efficiency programs and
15 technologies.

16 For the purposes of this subsection, "cumulative persisting
17 electricity savings" means the total electric energy savings in
18 a given year from measures installed in that year or in previous
19 years, but no earlier than January 1, 2009, that are still
20 operational and providing savings in that year because the
21 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 the
14 legislature no later than twenty days before the convening of
15 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
19 air-conditioning district cooling systems, shall count toward
20 [~~this standard.~~] these standards."



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 on January 1, 2060.



Report Title:

Energy Efficiency Portfolio Standard; Extension; PUC

Description:

Extends the State's energy efficiency portfolio standards from 2030 to 2045. Authorizes the Public Utilities Commission to establish interim goals, and clarifies procedures. Takes effect 1/1/2060. (SD1)

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