
A BILL FOR AN ACT

RELATING TO ENERGY STORAGE.

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

1 SECTION 1. Since the establishment of the Hawaii clean
2 energy initiative, the State has been committed to transforming
3 Hawaii's energy system into one that uses renewable energy,
4 energy-efficiency technologies, and distributed energy storage
5 for a significant portion of its energy needs. This renewable
6 energy transformation will help to stabilize and strengthen
7 Hawaii's economy by reducing dependence on imported fuels and
8 will help protect Hawaii's environment by greatly reducing
9 greenhouse gas emissions.

10 Similar to the establishment of a renewable energy
11 portfolio standard and an energy-efficiency portfolio standard,
12 an energy storage portfolio standard sets a target of energy
13 storage to be achieved in incremental stages. Energy storage
14 programs and technologies can make a significant and cost-
15 effective contribution to achieving the goals and objectives set
16 out in the Hawaii clean energy initiative.



1 The purpose of this Act is to maximize cost-effective
2 energy storage programs and technologies by establishing an
3 energy storage portfolio standard.

4 SECTION 2. Chapter 269, Hawaii Revised Statutes, is
5 amended by adding a new section to part V to be appropriately
6 designated and to read as follows:

7 "§269- Energy storage portfolio standards. (a) The
8 public utilities commission shall establish energy storage
9 portfolio standards that will maximize cost-effective energy
10 storage programs and technologies.

11 (b) The energy storage portfolio standards shall be
12 designed to achieve six hundred megawatt hours of electric power
13 storage statewide by 2035; provided that the commission shall
14 establish interim goals for electric power storage to be
15 achieved by 2020, 2025, and 2030 and may also adjust the 2035
16 standards by rule or order to maximize cost-effective energy
17 storage programs and technologies.

18 (c) The commission may establish incentives and penalties
19 based on performance in achieving the energy storage portfolio
20 standards by rule or order.

21 (d) The commission shall evaluate the energy storage
22 portfolio standards every five years, beginning in 2019, and may



1 revise the standards, based on the best information available at
2 the time, to determine if the energy storage portfolio standards
3 established by this section remain effective and achievable.
4 The commission shall report its findings and recommendations,
5 including revisions to the energy storage portfolio standards,
6 if any, based on its own studies and other information, to the
7 legislature no later than twenty days before the convening of
8 the regular session of 2020, and every five years thereafter."

9 SECTION 3. New statutory material is underscored.

10 SECTION 4. This Act shall take effect on July 1, 2014.

11

INTRODUCED BY: 

JAN 23 2014



H.B. NO. 2619

Report Title:

Energy Storage Portfolio Standards

Description:

Requires the public utilities commission to establish energy storage portfolio standards. Requires reports by the Public Utilities Commission.

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