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# 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.

17           The purpose of this Act is to maximize cost-effective  
18 energy storage programs and technologies by establishing energy



1 storage portfolio standards. The establishment of energy  
2 storage standards is not intended to delay or prevent the public  
3 utilities commission's approval of appropriate energy storage  
4 projects or other alternate means to deliver safe, reliable, and  
5 cost-effective clean energy to consumers.

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

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

13 (b) In determining the standards established pursuant to  
14 this section, the commission shall analyze currently available  
15 and commercially viable forms of energy storage that are  
16 feasible in the State and compare their costs to other non-  
17 storage solutions.

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, based



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

10 SECTION 3. New statutory material is underscored.

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



**Report Title:**

Energy Storage Portfolio Standards

**Description:**

Requires the Public Utilities Commission to establish and periodically revise energy storage portfolio standards and report to the Legislature. Effective July 1, 2014. (HB2619 HD1)

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

