
A BILL FOR AN ACT

RELATING TO ENERGY.

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

1 SECTION 1. The purpose of this Act is to promote the use
2 of energy-conserving voltage regulation technologies that
3 improve grid efficiency and prevent wasted electricity by
4 establishing incentives for electric utilities that use those
5 technologies.

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

9 "§269- Voltage regulation technologies. (a) The
10 public utilities commission shall have the authority to allow
11 Hawaii's electric utilities that purchase and install voltage
12 regulation technologies after July 1, 2010, for use in providing
13 electricity to their ratepayers to:

14 (1) Recover the actual costs of the purchase and
15 installation of the voltage regulation technologies;

16 and



1 (2) Earn a fifteen per cent rate of return on the actual
2 costs of the purchase and installation of the voltage
3 regulation technologies.

4 (b) By rule adopted pursuant to chapter 91, the public
5 utilities commission shall determine the voltage regulation
6 technologies eligible for this incentive.

7 (c) As used in this section, "voltage regulation
8 technology" means voltage regulating equipment that:

9 (1) Reduces energy consumption;

10 (2) Improves grid efficiency;

11 (3) Raises or lowers voltage dynamically as needed; and

12 (4) Is at least ninety-nine per cent efficient across at
13 least ninety per cent of the load curve."

14 SECTION 3. New statutory material is underscored.

15 SECTION 4. This Act shall take effect upon its approval.

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[Signature]
[Signature]
Mel Carrall
Ray Hanok

INTRODUCED BY:

Karen Awana
[Signature]
[Signature]
[Signature]
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Report Title:

Energy conservation; voltage regulation; incentives

Description:

Authorizes the Public Utilities Commission to provide incentives to electric utilities that purchase and install dynamic voltage regulation technologies that reduce energy consumption, improve grid efficiency, and are at least 99% efficient across at least 90% of the load curve.

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