
A BILL FOR AN ACT

RELATING TO RENEWABLE PORTFOLIO STANDARDS.

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

1 SECTION 1. The legislature finds that the definition of
2 "renewable electrical energy" in part V of chapter 269, Hawaii
3 Revised Statutes, is ambiguous and allows for unanticipated
4 loopholes to be exploited.

5 The legislature further finds that attaining independence
6 from detrimental reliance on fossil fuels has been a long-
7 standing objective for the State. Reducing the State's fossil
8 fuel dependence and the consequent price volatility and
9 attaining energy security and independence are critical.

10 To achieve energy independence, the legislature finds that
11 a clean energy standard that prioritizes electricity
12 technologies based on lifecycle greenhouse gas emissions is
13 estimated to be up to ninety per cent more cost effective in
14 achieving clean energy goals than the current renewable
15 portfolio standard. This is because a lifecycle green house gas
16 emissions-weighted clean energy standard provides guidance over
17 the whole suite of possible energy technologies and fuels and
18 encourages generation efficiencies. The clean energy standard



1 also allows for partial credit for nonrenewable energies, scaled
2 to the worst greenhouse gas emitter.

3 The legislature further finds that energy infrastructure
4 planning and energy independence require long-term planning.
5 Such planning is especially important because the year 2030 is
6 now less than twenty years away.

7 The purpose of this Act is to require the public utilities
8 commission to submit a report to the legislature that examines
9 the potential for:

- 10 (1) Providing renewable energy preferences to certain
11 renewable energy resources that reduce or eliminate
12 the amount of fossil fuel used in the generation of
13 the renewable energy and result in reduced energy
14 transmission volatility;
- 15 (2) Developing a clean energy standard that provides an
16 energy scale that provides for renewable energy
17 credits to energy producers based upon lifecycle
18 greenhouse gas emissions; and
- 19 (3) Implementing a clean energy standard that replaces the
20 current renewable portfolio standard.



1 SECTION 2. The public utilities commission shall submit a
2 report to the legislature regarding the renewable portfolio
3 standards. The report shall examine the:

- 4 (1) Potential for giving preference to certain renewable
5 energy resources that reduce or eliminate the amount
6 of fossil fuel used in the generation of the renewable
7 energy and result in reduced energy transmission
8 volatility and include its criteria for renewable
9 energy preferences and attaining reduced system
10 volatility;
- 11 (2) Potential for developing a clean energy standard that
12 provides an energy scale that provides renewable
13 energy credits to energy producers based upon
14 lifecycle greenhouse gas emissions for each type of
15 energy source including non-renewable energy where the
16 energy source emitting the most greenhouse gases is
17 set at zero;
- 18 (3) The costs and benefits of implementing a clean energy
19 standard and replacing the renewable portfolio
20 standard with a clean energy standard in the context
21 of Hawaii's clean energy initiative goals; and



1 (4) Goals for integrated resource planning for the year
2 2030 and beyond.

3 The report shall be submitted to the legislature no later
4 than twenty days prior to the convening of the regular session
5 of 2014.

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



Report Title:

Renewable Portfolio Standards; Preferences

Description:

Requires the PUC to submit a report to the Legislature after examining the potential for giving preference to certain renewable energy technologies, the implementation of a clean energy standard, and goals for integrated resource planning for 2030 and beyond. (HB80 HD1)

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