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# A BILL FOR AN ACT

RELATING TO RENEWABLE ENERGY.

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

1           SECTION 1. The purpose of this Act is to amend the  
2 definition of renewable portfolio standard to more accurately  
3 reflect the percentage of renewable energy penetration in the  
4 State. This amendment is consistent with Act 97, Session Laws  
5 of Hawaii 2015, which established the 100 per cent renewable  
6 portfolio standard by 2045 and the statutory intent to  
7 transition the State away from imported fuels and toward  
8 renewable local resources that provide a secure source of  
9 affordable energy. This is accomplished by amending the  
10 renewable portfolio standard calculation to be based on  
11 electrical energy generation as opposed to electrical energy  
12 sales.

13           There are two fundamental issues that lead to the current  
14 discrepancy: (1) the current renewable portfolio standard  
15 calculation inflates the reported percentage of renewable energy  
16 by excluding renewables from customer-sited, grid-connected  
17 renewable energy generation in the denominator, which becomes



1 material with higher levels of customer-sited, grid-connected  
2 renewable energy generation and higher renewable portfolio  
3 standard percentages; and (2) the current electrical energy  
4 sales number does not include energy losses that occur between  
5 the points of electrical energy generation and the customer  
6 meter where sales are measured. Failure to address these issues  
7 would result in an overestimate of the renewable energy  
8 servicing Hawaii's electric utility customers, thereby creating  
9 the incorrect public perception of the State's progress towards  
10 its one hundred per cent renewable energy statutory goal.

11 SECTION 2. Section 269-91, Hawaii Revised Statutes, is  
12 amended by amending the definition of "renewable portfolio  
13 standard" to read as follows:

14 "Renewable portfolio standard" means the percentage of  
15 electrical energy [~~sales~~] generation that is represented by  
16 renewable electrical energy."

17 SECTION 3. Statutory material to be repealed is bracketed  
18 and stricken. New statutory material is underscored.

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



**Report Title:**

Renewable Portfolio Standard; Definition

**Description:**

Amends the "renewable portfolio standard" definition to more accurately reflect the amount of renewable energy generation in Hawaii by basing the renewable portfolio standard calculation on electrical energy generation as opposed to electrical energy sales. (HB2291 HD2)

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