

JAN 22 2010

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

4           "§269-    Generating island electric credit. (a) For each  
5 eligible residential electric meter on a generating island that  
6 is in operation as of December 31 of a calendar year, a  
7 generating island electric credit shall be earned, as calculated  
8 in subsection (b). For each month during the following calendar  
9 year, each eligible residential electric meter that earned the  
10 credit for the preceding calendar year shall receive a reduction  
11 of the residential electric bill generated by the eligible  
12 residential electric meter, representing a percentage deduction  
13 to the residential electric bill equal to the credit earned for  
14 the preceding calendar year.

15           (b) For each generating island, the credit shall be a  
16 ratio, expressed as a percentage, in which the numerator is the  
17 electric energy consumed by a consuming island that is exported



1 from the generating island by a renewable electric energy  
2 producer on the generating island for that calendar year, and  
3 the denominator is the total electric energy consumed by the  
4 consuming island for that calendar year. For purposes of this  
5 calculation, each exporting electric energy producer's  
6 contribution to each consuming island's consumption shall be  
7 calculated separately, and the final credit for each generating  
8 island shall be an aggregate of all such calculations.

9 (c) The credit shall be paid by the public utility  
10 servicing the consuming island. The public utilities  
11 commission, by rule or decision, shall establish the process and  
12 procedure for issuance of the credit to eligible residential  
13 electric meters.

14 (d) For purposes of this section:

15 "Consume" means actual use of electric energy, and may be  
16 computed as electricity generation, plus imports, minus exports,  
17 minus transmission and distribution losses.

18 "Consuming island" means an island with a population over  
19 ten thousand that receives electric energy which is exported  
20 from one or more generating islands.

21 "Eligible residential electric meter" means an electric  
22 meter that measures the amount of electricity used each month by



1 a residential dwelling that consumes less electricity than 100  
2 kilowatt-hours per month; provided that an electric meter that  
3 services more than one residential dwelling, such as a single,  
4 shared meter for a multi-family dwelling, is deemed an eligible  
5 residential electric meter, but the credit shall be subject to  
6 proration as provided in this subsection.

7 "Exporting electric energy producer" means a person,  
8 corporation, trust, partnership, or other entity that uses  
9 renewable energy to produce more than two megawatts of electric  
10 energy per month and which exports such electric energy to a  
11 consuming island from a generating island.

12 "Generating island" means an island with a population under  
13 ten thousand on which an exporting electric energy producer  
14 generates electric energy and exports the electric energy to a  
15 consuming island.

16 "Renewable energy" shall have the same meaning as defined  
17 in section 269-91.

18 "Residential electric meter bill" means the monthly invoice  
19 generated by the public utility servicing the eligible  
20 residential electric meter; provided that, in the case of an  
21 eligible electric meter that services more than one residential  
22 dwelling, such as a single, shared meter for a multi-family



1 dwelling, the total residential electric meter bill that is  
 2 eligible for the generating island electric credit shall be the  
 3 prorated amount of the invoice equivalent to the number of  
 4 dwelling units using the meter multiplied by 100 kW hours per  
 5 month."

6 SECTION 2. New statutory material is underscored.

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

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INTRODUCED BY:

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**Report Title:**

Renewable Energy; Revenue Sharing; Electric Bill Credit

**Description:**

Establishes an electricity bill reduction for residential electric meters on islands where renewable electric energy is generated and exported.

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

