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# A BILL FOR AN ACT

RELATING TO ENERGY.

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

1           SECTION 1. Section 269-101, Hawaii Revised Statutes, is  
2 amended to read as follows:

3           "§269-101 Definitions. As used in this part:

4           "Eligible customer-generator" means a metered residential  
5 or commercial customer, including a government entity, of an  
6 electric utility who owns and operates a [~~solar, wind turbine,~~  
7 ~~biomass, or hydroelectric energy generating facility, or a~~  
8 ~~hybrid system consisting of two or more of these facilities,]~~  
9 renewable energy generation and distribution device that is:

- 10           (1) Located on the customer's premises;
- 11           (2) Operated in parallel with the utility's transmission  
12           and distribution facilities;
- 13           (3) In conformance with the utility's interconnection  
14           requirements; and
- 15           (4) Intended primarily to offset part or all of the  
16           customer's own electrical requirements.



1 "Net energy metering" means measuring the difference  
2 between the electricity supplied through the electric grid and  
3 the electricity generated by an eligible customer-generator and  
4 fed back to the electric grid over a monthly billing period;  
5 provided that:

- 6 (1) Net energy metering shall be accomplished using a  
7 single meter capable of registering the flow of  
8 electricity in two directions;
- 9 (2) An additional meter or meters to monitor the flow of  
10 electricity in each direction may be installed with  
11 the consent of the customer-generator, at the expense  
12 of the electric utility, and the additional metering  
13 shall be used only to provide the information  
14 necessary to accurately bill or credit the customer-  
15 generator, or to collect [~~solar, wind turbine,~~  
16 ~~biomass, or hydroelectric energy generating system~~]  
17 renewable energy generation and distribution device  
18 performance information for research purposes;
- 19 (3) If the existing electrical meter of an eligible  
20 customer-generator is not capable of measuring the  
21 flow of electricity in two directions, the electric



1 utility shall be responsible for all expenses involved  
2 in purchasing and installing a meter that is able to  
3 measure electricity flow in two directions;

4 (4) If an additional meter or meters are installed, the  
5 net energy metering calculation shall yield a result  
6 identical to that of a single meter; and

7 (5) An eligible customer-generator who already owns an  
8 existing [~~solar, wind turbine, biomass, or~~  
9 ~~hydroelectric energy generating facility, or a hybrid~~  
10 ~~system consisting of two or more of these facilities,~~]  
11 renewable energy generation and distribution device is  
12 eligible to receive net energy metering service in  
13 accordance with this part.

14 "Renewable energy generation and distribution device"  
15 includes but is not limited to a solar, wind turbine, biomass,  
16 or hydroelectric energy generating facility; a hybrid system  
17 consisting of two or more of these facilities; or any other  
18 technology approved by the public utilities commission."

19 SECTION 2. Section 269-111, Hawaii Revised Statutes, is  
20 amended by amending subsections (a) and (b) to read as follows:



1           "(a) A [~~solar, wind turbine, biomass, or hydroelectric~~  
2 ~~energy generating system, or a hybrid system consisting of two~~  
3 ~~or more of these facilities,~~] renewable energy generation and  
4 distribution device used by an eligible customer-generator shall  
5 meet all applicable safety and performance standards established  
6 by the National Electrical Code, the Institute of Electrical and  
7 Electronics Engineers, and accredited testing laboratories such  
8 as the Underwriters Laboratories and, where applicable, rules of  
9 the public utilities commission regarding safety and  
10 reliability.

11           (b) For systems of ten kilowatts or less, an eligible  
12 customer-generator whose [~~solar, wind turbine, biomass, or~~  
13 ~~hydroelectric energy generating system, or whose hybrid system~~  
14 ~~consisting of two or more of these facilities,~~] renewable energy  
15 generation and distribution device meets the standards and rules  
16 under subsection (a) shall not be required to install additional  
17 controls, perform or pay for additional tests, or purchase  
18 additional liability insurance."

19           SECTION 3. Statutory material to be repealed is bracketed  
20 and stricken. New statutory material is underscored.

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



**Report Title:**

Renewable Energy Generation and Distribution Device; Definition;  
Net Energy Metering Eligibility

**Description:**

Expands the types of energy generation and distribution devices that could make certain electric utility customers eligible for net energy metering. Defines renewable energy generation and distribution device. (HD1)

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