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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 269-91, Hawaii Revised Statutes, is  
2 amended by amending the definition of "renewable electrical  
3 energy" to read as follows:

4                               "[PART V. RENEWABLE PORTFOLIO STANDARDS]

5           §269-91 [Definitions.] For the purposes of this [part]:

6           "Biofuels" means liquid or gaseous fuels produced from  
7 organic sources such as biomass crops, agricultural residues and  
8 oil crops, such as palm oil, canola oil, soybean oil, waste  
9 cooking oil, grease, and food wastes, animal residues and  
10 wastes, and sewage and landfill wastes.

11           "Cost-effective" means the ability to produce or purchase  
12 electric energy or firm capacity, or both, from renewable energy  
13 resources at or below avoided costs consistent with the  
14 methodology set by the public utilities commission in accordance  
15 with section 269-27.2.



1 "Electric utility company" means a public utility as  
2 defined under section 269-1, for the production, conveyance,  
3 transmission, delivery, or furnishing of power.

4 "Renewable electrical energy" means:

5 (1) Electrical energy generated using renewable energy as  
6 the source;

7 [~~(2) Electrical energy savings brought about by the use of~~  
8 ~~renewable displacement or off-set technologies,~~  
9 ~~including solar water heating, seawater air-~~  
10 ~~conditioning district cooling systems, solar air-~~  
11 ~~conditioning, and customer sited, grid connected~~  
12 ~~renewable energy systems,]~~ or

13 ~~[(3)]~~ (2) Electrical energy savings brought about by the  
14 use of energy efficiency technologies, including heat  
15 pump water heating, ice storage, ratepayer- funded  
16 energy efficiency programs, and use of rejected heat  
17 from co-generation and combined heat and power  
18 systems, excluding fossil-fueled qualifying facilities  
19 that sell electricity to electric utility companies  
20 and central station power projects.

21 "Renewable energy" means energy generated or produced  
22 utilizing the following sources:



- 1 (1) Wind;
- 2 (2) The sun;
- 3 (3) Falling water;
- 4 (4) Biogas, including landfill and sewage-based digester
- 5 gas;
- 6 (5) Geothermal;
- 7 (6) Ocean water, currents and waves;
- 8 (7) Biomass, including biomass crops, agricultural and
- 9 animal residues and wastes, and municipal solid waste;
- 10 (8) Biofuels; and
- 11 (9) Hydrogen produced from renewable energy sources.

12 "Renewable portfolio standard" means the percentage of  
13 electrical energy sales that is represented by renewable  
14 electrical energy."

15 SECTION 2. Statutory material to be repealed is bracketed  
16 and stricken. New statutory material is underscored.

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

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INTRODUCED BY:

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**Report Title:**

Energy

**Description:**

Amends definition of renewable electric energy.

