
A BILL FOR AN ACT

RELATING TO ENERGY.

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

1 SECTION 1. The legislature finds that while ethanol can be
2 used in cars, biodiesel or bio-jet fuel is needed for heavy
3 transportation, ships, and jetliners. The legislature also
4 finds that Maui county has declared that its top priority in
5 renewable energy and biodiesel production is a facility to house
6 the concerted research and demonstration activities needed to
7 effect a robust statewide work in feedstock development is a
8 must. The facility would also be home to the development of
9 supporting related technologies that will truly create in the
10 State of Hawaii a sustainable biofuel industry. In addition to
11 county funding, it is anticipated that federal funds will also
12 be secured.

13 If Hawaii is to become independent from outside sources of
14 vegetable oil for biodiesel production, a supply of Hawaii grown
15 feedstock is required. In a recent news release, the Hawaii
16 department of agriculture identified Oil Palm (*Elaeis guineensis*
17 Jacq.) and Jatropha (*Jatropha curcas* L.) as the most promising



1 crops for biodiesel feedstock development in the State. Due to
2 their contrasting agronomic requirements, suitable lines have to
3 be selected for the many potential growing sites in the Big
4 Island, Maui, Molokai, Lanai, Oahu, Kauai, and Niihau. With the
5 decision by Hawaiian Electric Company to use biodiesel in its
6 planned 100-megawatt power station in Oahu, and with a potential
7 consumption of 71,000,000 gallons if all the company's
8 subsidiaries (including Maui Electric Company and Hawaii
9 Electric Light Company) are to convert to biodiesel, there is an
10 urgent call for a rapid progress in coming up with suitable
11 oilseed lines that would supply the anticipated feedstock
12 requirement. It is envisioned that growing oilseed crops would
13 result in a large scale boost for agriculture in Hawaii.

14 The purpose of this Act is to appropriate funds for
15 renewable energy projects in Hawaii.

16 SECTION 2. There is appropriated out of the general
17 revenues of the State of Hawaii the sum of \$5,250,000, or so
18 much thereof as may be necessary for fiscal year 2007-2008, for:

19 (1) \$2,000,000 to establish the Hawaii renewable energy
20 and biofuel center to be located in Maui;

21 (2) \$2,000,000 for the University of Hawaii at Hilo
22 college of agriculture, forestry and natural resources



1 management for an oil and feedmill building to house
2 existing equipment purchased by the Oceanic Institute,
3 to be used in processing oilseeds; and

4 (3) \$1,250,000 for research and demonstration of a
5 germplasm collection, selection and grow-out in each
6 county.

7 The sum appropriated shall be expended by the county of
8 Maui for the purposes of this Act.

9 SECTION 3. This Act shall take effect on July 1, 2007.



Report Title:

Energy; Renewable Energy Projects in Hawaii

Description:

Appropriates funds for various renewable energy projects in Hawaii. (SD1)

