

HB 427 HD1

WRITTEN TESTIMONY

TESTIMONY BY GEORGINA K. KAWAMURA
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE
STATE OF HAWAII
TO THE SENATE COMMITTEE ON ENERGY AND ENVIRONMENT
ON
HOUSE BILL NO. 427, H.D. 1

March 17, 2009

RELATING TO SPECIAL PURPOSE REVENUE BONDS TO ASSIST ONE PLANET
PACIFIC ENERGY, LLC, A PROCESSING ENTERPRISE.

House Bill No. 427, H.D. 1, authorizes the issuance of up to \$40,000,000 in special purpose revenue bonds to assist One Planet Pacific Energy, LLC in the planning, designing, constructing, and equipping of, and the acquisition of lands for, a gasification facility adjoining the construction and demolition material solid waste landfill located in Nanakuli, Oahu, Hawaii pursuant to Part IV, Chapter 39A, Hawaii Revised Statutes.

The Department has a technical comment on this bill. Under Section 144 of the Internal Revenue Code of 1986, as amended, tax exempt financing for processing projects are limited to \$10 million. We recommend that the project party consult with a bond counsel firm to determine if the project may qualify, under certain exemptions, for the full amount of tax-exempt financing.

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MEMORANDUM

TO: Senator Mike Gabbard
Chair, Committee on Energy and Environment

FROM: Gary M. Slovin

DATE: March 16, 2009

RE: **H.B. 427, HD1 - Relating to Special Purpose Revenue Bonds to Assist One Planet Energy, LLC, a Processing Enterprise**
Hearing on Tuesday, March 17, 2009 at 3:00 p.m.

Dear Chair Gabbard and Members of the Committee:

I am Gary Slovin, testifying on behalf of One Planet Pacific Energy, LLC.

I strongly urge your support for H.B. 427, HD1, which provides for the issuance of \$40,000,000 in special purpose revenue bonds to One Planet Pacific Energy, LLC.

One Planet Energy, LLC (“One Planet Energy”), the owner of One Planet Pacific Energy LLC, is a US-based engineering, finance, development and management company that specializes in the commercial development of waste conversion technologies. The company, based in Kansas City, Missouri, designs, finances, develops owns and manages installations which use the thermal conversion processes of pyrolysis, gasification and solar to convert a wide variety of industrial, municipal and biological waste streams into clean, renewable energy. One Planet Energy has licensing agreements with a number of technology providers, which create customized solutions for each client and application and allow One Planet to design and build projects to solve waste disposal problems across a wide range of situations. Among these technologies are state-of-the-art gasification systems.

One Planet Pacific Energy LLC’s proposed project in Hawai‘i is for the construction of a 500-ton per day gasification facility adjoining the PVT construction and demolition landfill site in Nanakuli on Oahu. This facility would utilize construction and demolition waste,¹ which would be processed using one of two proprietary gasification technologies.

¹ The landfill processes construction and demolition materials only, and would not have an impact on the municipal waste stream processes at the HPower facility on Oahu.

March 16, 2009

Page 2

The likely technology that will be used is the Kinsei quad stage gasification technology, which has been proven effective in converting medical, chemical, industrial and sorted municipal solid waste into clean power in nearly 300 systems throughout Asia. Kinsei has been designing and manufacturing gasification systems for over 40 years. The company's founder holds 22 patents worldwide, with 12 more pending approval. Many of Kinsei's systems have been in operation for over 25 years.

The gasification process produces a synthetic gas that can be used as a renewable fuel source, and for the Hawai'i project, this synthetic gas would be the renewable energy product. This process is environmentally friendly and produces minimal emissions and no harmful or toxic byproducts. The gasification process is a proven technology and many of these systems have been in operation for years.

One Planet Pacific Energy believes that its proposed gasification project will bring significant benefits to Hawai'i, by taking materials that are currently taking up valuable landfill space and converting them into a source of renewable energy through its synthetic gas production. In addition, the reduction in volume of waste material through the gasification process will extend the life of the landfill. Finally, the project will produce a substantial number of jobs for the local labor market during construction, and will employ approximately 15-20 employees to operate and maintain the plant on an ongoing basis.

Thank you very much for the opportunity to testify.

HAWAII RENEWABLE ENERGY ALLIANCE

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TESTIMONY OF WARREN BOLLMEIER ON BEHALF OF THE HAWAII RENEWABLE ENERGY ALLIANCE BEFORE THE SENATE COMMITTEE ON ENERGY AND ENVIRONMENT

HB 426 HD1, RELATING TO THE ISSUANCE OF SPECIAL PURPOSE REVENUE BONDS TO ASSIST SEAWATER AIR CONDITIONING PROJECTS ON OAHU.

March 17, 2009

Chair Gabbard, Vice-Chair English and members of the Committee, I am Warren Bollmeier, testifying on behalf of the Hawaii Renewable Energy Alliance (HREA). HREA is a nonprofit corporation in Hawaii, established in 1995 by a group of individuals and organizations concerned about Hawaii's energy future. HREA's mission is to support, through education and advocacy, the use of renewables for a sustainable, energy-efficient, environmentally-friendly, economically-sound future for Hawaii. One of HREA's goals is to support appropriate policy changes in state and local government, the Public Utilities Commission and the electric utilities to encourage increased use of renewables in Hawaii.

The purpose of SB 426 HD1 is to authorize the issuance of special purpose revenue bonds to Honolulu Seawater Air Conditioning, LLC, for the purpose of design and construction of a seawater air conditioning district cooling system in downtown Honolulu.

HREA **strongly supports** this bill for the following reasons:

- (1) Honolulu Seawater Air Conditioning, LLC (HSWAC). HSWAC is a member of HREA and is in the process of developing two renewable energy seawater air conditioning district cooling systems on Hawaii. Passage of this legislation would help facilitate the financing of the proposed downtown Honolulu system and reduce the overall costs to install the system. This, in turn, will allow HSWAC to offer lower prices for supplying chilled water to their customers; and
- (2) Contributions to our state RPS. Finally, this bill supports our state RPS and the Hawaii Clean Energy Initiative, as HSWAC's planned downtown Honolulu project will displace a portion of the utility electricity needed to cool buildings on Oahu. Specifically, this system will supply on the order of 25,000 tons of air conditioning capacity, which is approximately equivalent to an electrical load of 15 MW (capacity) and 63,000 MWhs/year (electricity).

Thank for this opportunity to testify.