SB 750

WRITTEN ONLY

TESTIMONY BY WESLEY K. MACHIDA DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE STATE OF HAWAII TO THE SENATE COMMITTEE ON ENERGY AND ENVIRONMENT ON SENATE BILL NO. 750

February 10, 2015

RELATING TO THE ISSUANCE OF SPECIAL PURPOSE REVENUE BONDS TO ASSIST ANAERGIA INCORPORATED.

Senate Bill No. 750 authorizes the issuance of Special Purpose Revenue Bonds

(SPRB) to assist Anaergia Incorporated with the development of facilities for renewable

non-fossil fuel production on Maui pursuant to Part V, Chapter 39A, Hawaii Revised

Statutes.

The Department would like to advise the Legislature and prospective SPRB parties that should the legislation be approved, approval of SPRB issuance will require further discussion and satisfactory credit underwriting review of the financing components with respect to any proposed financing.

Thank you for the opportunity to provide testimony on this measure.



Email: communications@uluponoinitiative.com

SENATE COMMITTEE ON ENERGY & ENVIRONMENT Tuesday, February 10, 2015 – 2:45 p.m. – Room 225

Ulupono Initiative <u>Strongly Supports</u> SB 750, Relating to the Issuance of Special Purpose Revenue Bonds to Assist Anaergia Inc.

Dear Chair Gabbard, Vice Chair Green, and Members of the Committee:

My name is Murray Clay and I am managing partner of the Ulupono Initiative, a Hawai'ibased impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally grown food, increase renewable energy, and reduce/recycle waste. Ulupono invests in projects that have the potential to create large-scale, innovative change.

Ulupono strongly supports SB 750, which authorizes the issuance of special purpose revenue bonds to assist Anaergia Inc. Ulupono's waste mission is to minimize the amount of waste going into the landfill. Maui has an urgent need for a waste solution, as \sim 36% of the waste currently is going to the landfill. Meanwhile, relative to the neighbor islands, O'ahu has the greatest percentage of waste diversion - \sim 74% - from the landfill due to more sorting and processing facilities, including the City and County of Honolulu's H-POWER waste to energy plant. After being processed by H-POWER, waste volume into the landfill can be reduced by 90% while subsequently creating electricity that can power O'ahu's homes. Yet, there is no waste to energy plants on the neighbor islands. Anaergia's project can help change that.

Anaergia's materials recovery facility and anaerobic digestion process will make a significant impact in extending the life of the landfill and contribute to the renewable energy mix of Hawai'i. This project was selected by the County of Maui as the best overall technology package to meet its needs in a competitive request for proposal. The special purpose revenue bond will help lower the overall cost of the project and make waste management more affordable for all members of the Maui community.

In addition, landfill space is limited in island communities. Therefore, projects such Anaergia's proposed material recover facility will reduce the need for future landfill space on Maui. Siting for future landfills can be difficult as the residents in nearby communities often oppose their development.

Investing in a Sustainable Hawaiʻi



Therefore, we believe the Committee should find that this project is in the public interest and support the special purpose revenue bond.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay Managing Partner

From:	mailinglist@capitol.hawaii.gov
To:	ENETestimony
Cc:	psgegen@hotmail.com
Subject:	Submitted testimony for SB750 on Feb 10, 2015 14:45PM
Date:	Monday, February 09, 2015 8:20:37 PM

Submitted on: 2/9/2015 Testimony for ENE on Feb 10, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
pat gegen	Zero Waste Kauai	Oppose	No

Comments: The proposed project on Maui is NOT Environmentally friendly. Instead of diverting as much material as possible from the waste stream into products and processes that could create jobs and a revenue stream for the state in a sustainable manner the Anergia project will facilitate the eventual thermal destruction of materials that could have a much longer life. Just the "threat" of this project has already thwarted progress on residential recycling on Maui and has required the ceasing of operations for one of Hawaii's most successful alternative fuel operations in the place their operation began. Maui can do better!

Please note that testimony submitted <u>less than 24 hours prior to the hearing</u>, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.



AKAHI 300 W. Wakea Ave. Kahului, Hi 96732 808-877-0544

ELUA 200 Hina Ave. Kahului, HI 96732 808-872-4180

EKOLU 717 Makaala Dr. Walluku, HI 96793 808-242-4377

EHA 1057 Makawao Ave. Makawao, HI 96768 808-573-1647

ELIMA 11 Mahaolu St. Kahului, HI 96732 808-893-0002

EONO 810 Kelawea St. Lahaina, Hi 96761 808-661-5957

EHIKU 56 Ehiku St. Kihei, HI 96753 808-891-8588

HOME PUMEHANA P.O. Box 100 Kaunakakai, HI 96748 808-553-5788

HALE KUPUNA O LANAI P.O. Box 630418 Lanai City, HI 96763 808-565-6615

LAHAINA SURF 1037 Wainee St. Lahaina, HI 96761 808-661-3771

LOKENANI HALE 1889 Loke St. Wailuku, HI 96793 808-243-9272

LUANA GARDENS 615 W. Papa Ave. Kahului, HI 96732 808-871-9009

KOMOHANA HALE 120 Leoleo St. Lahaina, HI 96761 808-661-5957

CHSP/MEALS PROGRAM 200 Hina Ave. Kahuluí, HI 96732 808-872-4170

HOUSING DEVELOPMENT 200 Hina Ave. Kahului, HI 96732 808-872-4100

HOMEOWNERSHIP/ HOUSING COUNSELING 200 Hina Ave. Kahului, HI 96732 808-242-7027

PERSONAL CARE/ HOMEMAKER/CHORE 11 Mahaolu St. Ste. A Kahului, HI 96732 808-873-0521 Senator Mike Gabbard, Chair Senator Josh Green, Vice Chair COMMITTEE on ENERGY AND ENVIRONMENTAL PROTECTION HEARING: Tuesday, February 10, 2015, Conference Room 225

RE: In Support of SB 750, Relating to the Issuance of Special Purpose Revenue Bonds to Assist Anaergia Inc.

To Chair Gabbard, Vice Chair Green, Senator Galuteria, Senator Ihara and Senator Slom:

I am writing in support of SB 750. I believe that Anaergia Services' efforts to generate renewable energy sources here in Hawai'i represents an important step forward for both our environment and our economy.

More specifically, I support their Waste-to-Energy Conversion Project which will result in the state-of-the-art Maui Resource Recovery Facility. In addition, their Maui Energy Park offers significant benefits by converting fallow West Maui agricultural land into energy crops and reducing or eliminating use of injection wells to produce renewable biofuel.

Anaergia's efforts create a sustainable win-win scenario for Maui's environment and economy. Project benefits will include:

- Enhancing the State's energy security and promoting cost stability;
- Providing over 10 megawatts of firm renewable power and/or renewable fuels;
- Reducing the carbon footprint on Maui;
- Extending the life of Central Maui's Landfill by increasing the current diversion rate by up to 100%;
- Increasing the amount of recycled materials;
- Placing into productive use approximately1,800 acres of fallow agricultural lands;
- Using up to 3 million gallons of R-1 water otherwise disposed of through injection wells;
 - Strengthening the economy through the creation of well-paying jobs.

Given the substantial environmental and economic benefits that Anaergia's projects will bring to Maui, I humbly ask that you support passage of SB 750 and Anaergia's efforts to secure Special Purpose Revenue bonds.

Sincerely,

Roy K. Katsuda Executive Director





MEMORANDUM

то:	SENATE COMMITTEE ON ENERGY AND ENVIRONMENT REP. MIKE GABBARD, CHAIR REP. JOSH GREEN, VICE CHAIR
FROM:	KARL BOSSERT, DIRECTOR OF BUSINESS DEVELOPMENT - PACIFIC
SUBJECT:	SB750 RELATING TO THE ISSUANCE OF SPECIAL PURPOSE REVENUE BONDS TO ASSIST ANAERGIA INC.
POSITION:	SUPPORT
DATE:	FEBRUARY 10, 2015

Anaergia Services, LLC (Anaergia) would like to thank Chair Gabbard, Vice Chair Green, and the Senate Committee on Energy and Environment as a whole, for taking the time to discuss SB750.

This bill relates to the potential issuance of Special Purpose Revenue Bonds to assist Anaergia in the development of renewable fuels and/or energy projects on Maui. The bonds will be sold to private investors and will not be backed by the State of Hawaii or the County of Maui.

Anaergia is a worldwide expert in resource recovery, most notably through anaerobic digestion. The company has a 20 year track record and proven technology with a number of in-house patents and hundreds of projects to date. Because of Hawaii's physical isolation and high cost of energy, Anaergia feels Hawaii is an excellent candidate for anaerobic digestion, and is currently engaged in developing two projects on Maui using this technology.

Maui Resource Recovery Facility

The first project is called the Maui Resource Recovery Facility (MRRF). Under a 20 year contract from the County of Maui, the facility will take municipal waste, currently going into the Maui County landfill, and significantly increase the recovery of recyclable materials from that waste. We believe that Anaergia's efforts will not negatively affect any recyclers currently in operation, and in fact may allow for expanded opportunities for these firms.

The remaining materials will be processed to create renewable natural biogas, through anaerobic digestion. The renewable biogas can be used for power generation, household and commercial (heating/cooling) and transportation. Only about 15% of the

incoming municipal waste is expected end up in the landfill at the end of the process, lengthening the life of the landfill.

Anaergia's vision for this project is to set the benchmark for how municipal waste is dealt with in Hawaii and the rest of the world. The future of waste management is to increase recyclable recovery, produce renewable fuels from the balance, and reduce the amount of landfilled materials to the maximum extent possible. This will be accomplished while providing an opportunity for the County to save money in landfill operating costs and by deferring large capital investments for landfill expansions far into the future.

Maui Energy Park

The second project is called the Maui Energy Park (MEP). This project is located in West Maui, where the plan is to grow an energy crop and process it into renewable natural biogas through anaerobic digestion. This project will revitalize up to 1,800 acres of high quality agricultural lands left fallow after the demise of sugar cane and pineapple in West Maui. MEP will use recycled water for the majority of its irrigation needs, allowing the nutrients in this water to be returned to the soil. The renewable natural biogas can be used for power generation, household and commercial (heating/cooling) and transportation.

Anaergia sees the MEP as a model approach for putting agricultural lands back into productive use across the state. The anaerobic digestion process is an efficient way to make renewable biogas with energy recovery several times higher than other processes.

Both projects provide a number of environmental and socio-economic benefits to the state, county and residents of the state of Hawaii. These include reduced materials going in the landfill, putting fallow Ag lands back into production, and creating renewable fuels which will provide energy cost stability and security for the state. These projects will create hundreds of short-term construction and long-term farming and operational jobs, thereby keeping millions of dollars a year in the State's economy.

Anaergia is seeking up to \$90 million in special purpose revenue bonds to support these two projects. These bonds will provide low-cost financing to offset the high cost of shipping materials and constructing these facilities in Maui. Anaergia has a long-term vision for Hawaii and believes that these projects can be duplicated on other islands to benefit the environment, the economy and Hawaii's residents. Subsequent projects will enjoy learning curves and possible economies of scale, making those projects less reliant on special purpose revenue bonds in the future.

The following page shows a summary of environmental as well as socio-economic benefits for both projects.

Anaergia would again like to thank the Committee for its time on this matter and stands ready to address any questions you may have during the hearing.

Project Benefits	Project
Increase recyclable material recovery approximately ten- fold	MRRF
Increase landfill diversion from a current level 43% to >75%	MRRF
Increase municipal solid waste diversion from a current up to 85%, increase the life of the central Maui landfill	MRRF
Revitalize up to 1,800 acres of ag land, reducing soil erosion and dust problems	MEP
Help in the use of approximately 2.5 million gallons per day of recycled water in W. Maui	MEP
Create approximately 200 construction jobs	MRRF and MEP combined
Create approximately 60 permanent jobs	MRRF and MEP combined
Replace the equivalent of almost 3,000,000 of gasoline per year by creating renewable natural biogas	MRRF and MEP combined
Increase energy cost stability and security	MRRF and MEP combined
Preserve open space through reduced need to expand the landfill and by keeping ag land in production	MRRF and MEP combined
Provide over \$150 million of capital investment into the state	MRRF and MEP combined
Provide approximately \$12 million per year of ongoing expenditures in Maui	MRRF and MEP combined

Environmental and Socio-Economic Benefits from Proposed Projects

Submitted on: 2/9/2015 Testimony for ENE on Feb 10, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
alec mcbarnet	Individual	Support	No

Comments: I fully support the SB750 to fund Anaergia services to build a state of art waste conversion facility at the central maui landfill.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

February 9, 2015

Senator Mike Gabbard, Chair Senator Josh Green, Vice Chair SENATE COMMITTEE on ENERGY AND THE ENVIRONMENT HEARING: Tuesday, February 10 at 2:45pm, Room 225

RE: In Support of SB750, Relating to the Issuance of Special Purpose Revenue Bonds to Assist Anaergia Inc.

Dear Chair Gabbard, Vice Chair Green, and Members of Senate Committee on Energy and the Environment:

I am in support of SB750 and encourage you to pass the bill for consideration by the full Senate. This bill will:

- Not cost taxpayers any money. All risk will be borne by private investors.
- Add to the State's renewable energy goals.
- Provide much needed energy generation in West Maui.
- Diversify Maui's economy with a new employer and new technologies.
- Diversify Maui's energy supply lessening our reliance on imported fossil fuels.
- Divert waste from the landfill extending the life of Maui's landfill.
- Support agriculture.
- Recycle R1 wastewater by using it on fuel crops.

The positive outcomes are many. Please support SB750.

Aloha,

the h fu

Anders Lyons

February 7, 2015

Senator Mike Gabbard, Chair

Senator Josh Green, Vice Chair

COMMITTEE on ENERGY AND ENVIRONMENT

HEARING: Tuesday, February 10, 2015, Conference Room 225

RE: **In Support** of SB 750, Relating to the Issuance of Special Purpose Revenue Bonds to Assist Anaergia Inc.

To Chair Gabbard, Vice Chair Green, Senator Galuteria, Senator Ihara, and Senator Slom:

I am writing in support of SB 750. Anaergia is truly pursuing what we all so appreciate here in Hawaii - renewable energy solutions which sustainably support our economy and are environmentally sound.

I wholeheartedly support the proposed Waste-to-Energy Conversion Project to result in the state-of-theart Maui Resource Recovery Facility. Furthermore, the Maui Energy Park has what I consider a net positive environmental impact on the environment. The Park creates jobs by converting fallow West Maui agricultural land into energy crops and reduces or eliminates the use of injection wells by instead producing renewable biofuel.

This list below is dauntingly positive, and I humbly request your emphatic support of Anaergia's efforts to result in the following::

- Directly contributing to Maui and the State's energy security, promoting cost stability;
- Providing in excess of 10 megawatts of firm renewable power and/or renewable fuels;
- Greatly reducing the carbon footprint on Maui;
- Extending the life of Central Maui's Landfill by increasing the current diversion rate by up to 100%;
- Increasing the amount of recycled materials;
- Putting into use what today is 1,800 acres of fallow agricultural lands;
- Deploying for environmentally beneficial use up to 3 million gallons of R-1 water otherwise disposed of through injection wells;
- Creating Maui jobs to help our families economically, with the flow of the livable wages passing through three to five more hands when spent on island, greatly contributing in a *multiplier effect* to our collective economy.

Please support SB 750. The **sustainable effect upon Maui** by what Anaergia is proposing is what so many of us have for years *only dreamt of*, and with your help, **can be realized - Now!**

Sincerely,

Eie)

Eric Knutzen 2080 Manawalea St Lihue, HI 96766

From:	mailinglist@capitol.hawaii.gov
To:	ENETestimony
Cc:	ellenfly@aol.com
Subject:	Submitted testimony for SB750 on Feb 10, 2015 14:45PM
Date:	Monday, February 09, 2015 8:46:08 AM

Submitted on: 2/9/2015 Testimony for ENE on Feb 10, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
erin randle	Individual	Comments Only	No

Comments: Dear Sen. Mike Gabbard and Committee Members, I am in support of SB750. We were residents of Maui for over 20 years. We now live on Oahu. The main reason we moved was the cost of living and lack of good paying jobs on Maui. One of my friends told me that there is a company that wants to invest \$150 million in Maui to make green energy. I fully support this type of thinking, not only for Maui, but all over the state. I did some research and found Anaergia's plan includes processing rubbish and growing energy crops. I knew a number of people who lost their jobs when Maui Pineapple Company went out of business. I also watched the West Maui hillsides turn brown over the years. Putting farmlands and farmers back to work should be a focus of state and local government. What a great opportunity to do that and reduce importing fossil fuels. Please vote yes on SB750! Mahalo, Erin and Rush Randle

Please note that testimony submitted <u>less than 24 hours prior to the hearing</u>, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

COMMITTEE ON ENERGY AND ENVIRONMENT Senator Mike Gabbard, Chair Senator Josh Green, Vice Chair

Faith Ewbank faith@planetserver.com (808) 856-5864

February 10, 2015

My name is Faith Ewbank and I am in support of SB 750. I was raised in Maui on a cattle ranch. While my career path hasn't necessarily aligned with the subject content of this bill, I have in fact been keenly watching my county deal with the issues of waste management for 23 years. I have made recycling education my vocation and testify in this capacity as well as the long term benefits for ranchers.

Upon first hearing of the contract Anaergia made with Maui County, I took it upon mysef to go straight to the source and ask questions. A year ago exactly, I phoned Anaergia corporate offices and sought answers for many of my concerns.

Throughout the year I have been reassured, in multiple measure, of the community give back components Anaeriga is opening to exploring and supporting. I am confident that their intentions to find balance in supporting existing businesses who share the business interests of waste management is strong. I am equally satisfied, impressed and inspired by the work they have done in other municipalities.

I am eager to see the community educational and informational efforts come to fruition because the plans they lend themselves to not just waste management but rather, reduction. The educational developments also parallel arts in schools which is a severely lacking area in our public schools.

I have also witnessed first hand real engagement in supporting organic and natural farming methodology that looks to strongly support the efforts for ranchers to be a part of growing contributing crops that will serve as portions of the whole for their animal feed needs.

I see Anaergia having a stronghold on dealing with the volatile state of affairs in my Maui County as well as infusing educational programs that truly create that behavioral shift needed to think differently about the trash we create.

Please support SB 750 and HB 139 so micro community projects identified can therein be also supported.

Mahalo for your time & attention,

Faith Ewbank

From:	mailinglist@capitol.hawaii.gov
To:	ENETestimony
Cc:	<u>pluta@maui.net</u>
Subject:	Submitted testimony for SB750 on Feb 10, 2015 14:45PM
Date:	Friday, February 06, 2015 12:10:20 PM

Submitted on: 2/6/2015 Testimony for ENE on Feb 10, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph D Pluta	Individual	Support	No

Comments: I am testifying in Strong Support of this Bill. Approving the issuance of Special Purpose Revenue Bonds for Anaergia and their prudent plans for converting waste to energy has bonafide environmental benefits and Economic benefits that are extraordinary and remarkable. This Bill sets the stage for millions of dollars in cost savings for the County of Maui and at the same time will generate Millions of new sorely needed revenues for the State of Hawaii in GET and Income Taxes. Please approve this Bill as it surely is in the best interests of the people of the State of Hawaii. Malama Pono ame Mahalo, Joseph D Pluta, President Emeritus, West Maui Taxpayers Association Inc. and West Maui resident/homeowner for 36 years.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

From:	mailinglist@capitol.hawaii.gov
To:	ENETestimony
Cc:	estrellas103@yahoo.com
Subject:	Submitted testimony for SB750 on Feb 10, 2015 14:45PM
Date:	Sunday, February 08, 2015 11:22:50 PM

Submitted on: 2/8/2015 Testimony for ENE on Feb 10, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Leonard Kimokeo Kapahulehua	Individual	Support	No

Comments: Aloha My name is Leonard Kimokeo Kapahulehua, I support ANAERGIA. This is why: 1) Clean energy in Maui. We will be fortunate to have such technology. 2) Creating more jobs for the Ohana, well paid jobs will support our ohana. a) just imagine the economic value to all our ohana, food, homes, medical benefits, sending our children to colleges. b) all our community groups to benefit. c) diversity of employment from office, to plant. Many new numbers of jobs. 3) Malama the Aina. Project takes care of our land. 4) Having more agricultural lands, putting our farmers back to work. 5) Another way of producing energy, another great thing for sustainability. I support the winning idea for the people, for the land, for clean energy. Anaergia is creating a winning deal for all. Mahalo nui loa, Leonard Kimokeo Kapahulehua

Please note that testimony submitted <u>less than 24 hours prior to the hearing</u>, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

From:	mailinglist@capitol.hawaii.gov
To:	ENETestimony
Cc:	psgegen@hotmail.com
Subject:	Submitted testimony for SB750 on Feb 10, 2015 14:45PM
Date:	Monday, February 02, 2015 8:34:31 PM

Submitted on: 2/2/2015 Testimony for ENE on Feb 10, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
pat gegen	Individual	Oppose	No

Comments: The proposed project on Maui is NOT Environmentally friendly. Instead of diverting as much material as possible from the waste stream into products and processes that could create jobs and a revenue stream for the state in a sustainable manner the Anergia project will facilitate the eventual thermal destruction of materials that could have a much longer life. Just the "threat" of this project has already thwarted progress on residential recycling on Maui and has required the ceasing of operations for one of Hawaii's most successful alternative fuel operations in the place their operation began. Maui can do better!

Please note that testimony submitted <u>less than 24 hours prior to the hearing</u>, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

February 3, 2015

Senator Mike Gabbard, Chair

Senator Josh Green, Vice Chair

COMMITTEE on ENERGY AND ENVIRONMENT

HEARING: Tuesday, February 10, 2015, Conference Room 225

RE: **In Support** of SB 750, Relating to the Issuance of Special Purpose Revenue Bonds to Assist Anaergia Inc.

To Chair Gabbard, Vice Chair Green, Senator Galuteria, Senator Ihara, and Senator Slom:

I sincerely believe SB 750 represents a *win-win* for Maui County because passage of this Bill will allow Anaergia to play an important role in advancing both environmental and economic goals which will have a positive, sustainable impact on our daily lives. Positive outcomes derived from passage of SB 750 will include but not be limited to:

- ✓ Enhancing the State's energy security as well as promoting cost stability;
- ✓ Providing over 10 megawatts of firm renewable power and/or renewable fuels;
- ✓ Reducing the carbon footprint on Maui;
- ✓ Extending the life of Central Maui's Landfill by increasing the diversion rate up to 100%;
- ✓ Increasing the amount of recycled materials;
- ✓ Placing into productive use approximately1,800 acres of fallow agricultural lands;
- ✓ Using up to 3 million gallons of R-1 water otherwise disposed of through injection wells;
- \checkmark Strengthening the economy through the creation of well-paying green-tech jobs.

With that in mind, I sincerely hope that you will support passage of SB 750 because in so doing Maui *nei* will reap significant long-term environmental and economic benefits that will enhance the quality of life for our residents.

Humbly yours,

Samuel W. Millington

Samuel W. Millington

581 Komo Ohia Wailuku, HI 96793 808-446-4690 sam.millington@shakadog.us

To: Senate Energy and Environmental Protection Committee, Via Fax (808-586-6679)

From: Sherry Llanes

RE: Support of SB750

I wanted to take this opportunity to offer my support for SB750. I became aware of Anaergia's efforts to process Maul's waste into renewable energy after reading last year that the NRDC supported the project. It seems to me that the project will provide an alternative source of power that will reduce the cost of living to Maui residents. I've watched the landfill in Pu`unene grow over the last 30 years and we need to find a better solution than burying our rubbish.

Also, Maui needs new forms of green-tech businesses to keep our economy strong. If this can be done while increasing renewable energy and reducing the money we send off-shore to buy fossil fuels then it works for me.

Mahalo for listening,

Sherry Llanes

Submitted on: 2/5/2015 Testimony for ENE on Feb 10, 2015 14:45PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
terry mcbarnet	Individual	Support	No

Comments: Hello I'm writing to support senate bill 750. The proposed waste to energy project I believe will help Maui better manage it's waste and at the same time generate sustainable energy without the use of fossil fuels. I think this will be good for the environment and the economy. Aloha, Terry

Please note that testimony submitted <u>less than 24 hours prior to the hearing</u>, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

February 4, 2015

Senator Mike Gabbard, Chair Senator Josh Green, Vice Chair COMMITTEE on ENERGY AND ENVIRONMENT

HEARING: Tuesday, February 10, 2015, Conference Room 225RE: In Support of SB 750, Relating to the Issuance of Special Purpose Revenue Bonds to Assist Anaergia Inc.

To Chair Gabbard, Vice Chair Green, Senator Galuteria, Senator Ihara, and Senator Slom:

I am writing in support of SB 750. I believe that Anaergia Services' efforts to generate renewable energy sources here in Hawai`i represent an important step forward for both our environment and our economy.

More specifically, I support their Waste-to-Energy Conversion Project which will result in the state-ofthe-art Maui Resource Recovery Facility. In addition, their Maui Energy Park offers significant benefits by converting fallow West Maui agricultural land into energy crops and reducing or eliminating use of injection wells to produce renewable biofuel.

Anaergia's efforts create a sustainable win-win scenario for Maui's environment and economy. Project benefits will include:

- Enhancing the State's energy security and promoting cost stability;
- Providing over 10 megawatts of firm renewable power and/or renewable fuels;
- Reducing the carbon footprint on Maui;
- Extending the life of Central Maui's Landfill by increasing the current diversion rate by up to 100%;
- Increasing the amount of recycled materials;
- Placing into productive use approximately1,800 acres of fallow agricultural lands;
- Using up to 3 million gallons of R-1 water otherwise disposed of through injection wells;
- Strengthening the economy through the creation of well-paying jobs.

Given the substantial environmental and economic benefits that Anaergia's projects will bring to Maui, I humbly ask that you support passage of SB 750 and Anaergia's efforts to secure Special Purpose Revenue bonds.

Sincerely,

Tom H. Shigemoto Vice President