



DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

DAVID Y. IGE
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Statement of
LUIS P. SALAVERIA
Director

Department of Business, Economic Development, and Tourism
before the

SENATE COMMITTEE ON WAYS AND MEANS

Friday, February 23, 2018

10:00 a.m.

State Capitol, Conference Room 211

in consideration of

SB2019, SD1

RELATING TO BIOFUEL.

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee.

The Department of Business, Economic Development & Tourism (“DBEDT”) **offers comments on SB2019, SD1**, which requires fuel sold in the State to contain no less than ten per cent biofuel by volume.

DBEDT is aware of the State’s objective for the ultimate elimination of fossil fuel in ground transportation but notes that the move to renewable energy should be beneficial to Hawaii’s economy. Act 161 in 2015 repealed the requirement that gasoline for motor vehicles sold in the State include ten percent (10%) ethanol. Act 161(15) cited that this repeal was made since the “requirement of blending ethanol into Hawaii’s gasoline does *not* produce any economic benefit for the State; further, the import of ethanol *creates an economic burden* for state residents.” (italics added)

Since enactment of Act 161 in 2015, DBEDT is unclear as to whether the market for biofuels, inclusive of ethanol and biodiesel, has materially and significantly changed in the State to warrant revisiting a 10 percent mandate for motor vehicle fuel. Without such confirmation, DBEDT is concerned that enactment of SB2019, SD1 may continue to “create an economic burden for state residents.”

With its limited resources for staffing and funding for technical support, DBEDT is also concerned about the costs to establish and administer these program activities.

Thank you for the opportunity to offer these comments on SB2019, SD1.

SB-2019-SD-1

Submitted on: 2/19/2018 4:06:18 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
James Haynes	Testifying for Hawaii Petroleum., Inc.	Oppose	No

Comments:

SB-2019-SD-1

Submitted on: 2/22/2018 8:50:20 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Graham Noyes	Testifying for Low Carbon Fuels Coalition	Support	No

Comments:



40 Hobron Ave.
Kahului, Hawaii 96732
Phone (808) 877-3144
Fax (808) 877-5030
www.biodiesel.com

February 21, 2018

TESTIMONY IN SUPPORT OF SB 2019 RELATING TO BIOFUEL

Chairperson Dela Cruz and Members of the Ways and Means Committee
Senate Conference Room 211
February 23, 2018 10:00am

Pacific Biodiesel is in strong support of SB 2019.

The edits from the Transportation and Energy Committee made some necessary corrections to the bill. We support SD1 as written. Some have expressed a desire to eliminate ethanol from this bill and have this mandate cover biomass based diesel only, which we would also support.

Our State will benefit economically and environmentally from this action. Thank you for your leadership on this important first step towards sustainable transportation fuel for our heavy duty fleet users.

Mahalo,

Robert King, President
Pacific Biodiesel Technologies, LLC

Hawaii BioEconomy Trade Organization

HOUSE OF REPRESENTATIVES / HAWAII STATE SENATE
THE TWENTY-NINTH LEGISLATURE
REGULAR SESSION OF 2018

COMMITTEE ON FINANCE

Sen Donovan Dela Cruz, Chair
Sen Gilbert Keith-Agaran, Vice Chair

DATE: February 23, 2018
TIME: 10:00am
PLACE: Conference Room 211
State Capitol
415 South Beretania Street

TESTIMONY ON HOUSE BILL NO. 2019 SD1, RELATING TO BIOFUEL

Position: Support with Modifications

To the Honorable Sen Donovan Dela Cruz, Chair; the Honorable Sen Gilbert Keith-Agaran, Vice Chair; and Members of the Committee:

Thank you for the opportunity to provide written testimony on house Bill No. 2019 SD1.

The Hawaii Bioeconomy Trade Association (HBETO) is a newly forming non-profit trade association with members engaged in the production or development of integrated food, energy, and waste-re-use projects to help the State of Hawai'i meet its ambitious renewable energy and local food and fuel production goals and mandates. At the 3rd Annual Bioeconomy Hawaii Forum held at the Capitol in January 2018, over 120 attendees from the private, public, and non-profit sectors convened to discuss opportunities and challenges to sustainable business producing integrated food, energy, and value-added products in Hawaii and to vote on priorities for policy and industry standards and facilitation.

We give testimony in support with modifications for SB2019. Hawaii opted-in to the federal Renewable Fuel Standard mandate and adopted its rules and regulations via that option. We do not recommend the state take on the overhead and administrative cost of duplicating a 500+ page federal statute and multi-year federal program that is currently regulated through full life cycle by the EPA for each individual gallon of biofuel.

The locally grown feedstock requirement probably violates interstate commerce law. This intent can be met with current federal programs such as RFS2, which applies a carbon lifecycle to the supply chain, and therefore would factor in transoceanic transportation – therefore importation - carbon costs.

Mandatory blending is unworkable for the state's current fuel distribution system, which is all designed to distribute jet fuel and would render any jet fuel commingled with biodiesel, ethanol, or non "Drop-in" fuels unacceptable to airlines and to the FAA. Note Hawaii's existing "barrel tax" (Food and Energy Security Act) already has a blending penalty that is in effect: it is applied only to ground transportation and electrical fuels. Since biofuels are exempt, it creates a de facto credit.

HBETO does support all facilitation and cost reduction the State can provide to make more "drop in" local renewable fuel production projects feasible and successful in the state.

Hawaii BioEconomy Trade Organization

Potential amendments:

Change mandatory at state level to refer to the current federal Renewable Fuel Standard 2 mandate [as enacted in the Energy Independence and Security Act of 2007 (EISA 2007)].

Support reconciliation of differing definitions of “Biofuel,” “Renewable Fuel,” and “Renewable Feedstocks” defined in at least 5 different statutes: HRS §269-91, §235-110.31, §243-1, §103D-412 and §486J-1. Have all statutes refer or use the more detailed and updated language in §235-110.31, and add a reference in “Other” within §235-110.31 to mean “any fuel approved as a renewable fuel under the U.S. federal Renewable Fuel Standard [as enacted in the Energy Independence and Security Act of 2007].”

Many thanks for your time and consideration

Carl Campagna
Executive Director
Hawaii Bioeconomy Trade Organization
808-383-7699
Ccampa1@msn.com

SB-2019-SD-1

Submitted on: 2/19/2018 3:46:09 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Glenn Yamasaki	Testifying for No Ka Oi Energy, LLC	Support	No

Comments:

February 19, 2018

TESTIMONY ON SB 2019 SD1 RELATING TO BIOFUEL

SUPPORT

Senator Donovan M. Dela Cruz, Chair

Committee: Committee on Ways and Means

Hearing: "Public Decision Making" on Friday, February 23, 2018 at 10AM in Conference Room 211, State Capitol

Chairperson Dela Cruz, Vice-Chair and Members of the Committee,

No Ka Oi Energy, LLC is in strong SUPPORT of SB 2019 SD1.

With the passing of the Hawaii's Renewable Portfolio Standard, the State has shown its considerable commitment to moving Hawaii beyond fossil fuels. **This commitment should now be extended beyond electricity production, to the vital transportation industry.**

Senate Bill 2019 SD1 establishes a biofuel content requirement for all on-road transportation fuel sold in Hawaii. Given the magnitude of fossil fuel imported into Hawaii, the most petroleum-dependent state in the nation - and with the majority of Hawaii's fuel consumed by our transportation sector - this would move our State toward its intended transportation renewable energy goals. It is an important step in the fight against climate change.

A biofuel content requirement isn't anything new - similar requirements are already in place in over a dozen states on the mainland, in various blends from 5% to 20%. In Hawaii, a state that was the first in the nation to mandate becoming powered by 100% renewable sources, we are lagging behind in showing support for biofuels! Blending 10% biodiesel into petroleum diesel for on-road diesel engines is an important step towards our 100% renewable goals.

Please pass SB 2019 SD1 that will significantly advance the reduction and eventual elimination of imported fossil fuels, help drive Hawaii to a stronger, more resilient and energy-secure economy, and ensure that Hawaii is doing its part to minimize the negative impacts of greenhouse gas-induced climate change.

Thank you for the opportunity to testify.

Glenn Yamasaki, President

No Ka Oi Energy, LLC

SB-2019-SD-1

Submitted on: 2/19/2018 6:02:37 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jeff Reiss	Testifying for Peletex, Inc.	Support	No

Comments:

Please do anything that you can support passage of this bill to guaranty a market for biodiesel. If Hawaii wants to be 100% renewable energy by 2045, we will need biofuels. Help guaranty a steady market, so they can ramp up to meet the need in the future. We all need reliability to progress.

Best Regrds,

Jeff Reiss, CEO Peletex

8708-870-4063

SB-2019-SD-1

Submitted on: 2/20/2018 1:17:37 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Richard Hagemeyer	Testifying for Agmark Logistics	Support	No

Comments:

SB2019 is a very moderate approach to ensuring that biofuels remain part of the solution to energy independence as mandated by the State. Biofuels require a long term horizon to attract the necessary investment in agriculture and manufacturing. This bill helps in that regard.



SanHi

GOVERNMENT STRATEGIES

A LIMITED LIABILITY LAW PARTNERSHIP

DATE: February 22, 2018

TO: Senator Donovan M. Dela Cruz
Chair, Committee on Ways and Means
Submitted Via Capitol Website

RE: **SB 2019, SD 1 – Relating to Biofuel**
Hearing Date: Friday, February 23, 2018 at 10:00 a.m.
Conference Room: 211

Dear Chair Dela Cruz and Members of the Committee on Ways and Means:

On behalf of the Alliance of Automobile Manufacturers (“Alliance”), we submit this testimony regarding SB 2019 SD 1, which proposes to require that fuel sold in the State for use in motor vehicles contain a minimum of 10% biofuel. The Alliance is a trade association of twelve car and light truck manufacturers including BMW Group, Fiat Chrysler Automobiles, Ford Motor Company, General Motors Company, Jaguar Land Rover, Mazda, Mercedes-Benz USA, Mitsubishi Motors, Porsche, Toyota, Volkswagen Group of North America, and Volvo Car USA.

The Alliance wishes to express very serious concerns about SB 2019, SD1. While newer vehicles, post-2010, can operate on fuel that is 10% biofuel, pre-2010 motor vehicles are not engineered to operate on any fuel that contains more than 5% biofuel. These vehicles can operate on E10 ethanol blends, but not biofuels. Even for newer vehicles, the biofuel must meet an ASTM standard. No standard is set out in the bill.

The bill in its present form creates a significant and uncapped liability to the State. If a 10% biofuel mixture is required, thousands of older vehicles will be damaged. Since it would have been state action that caused this harm, and since that harm would have been knowingly caused by the state government, it would seem that the State would be liable to those owners of motor vehicles that were damaged as a result of this state action. It would also seem that the State would be liable to those owners who choose not to drive their vehicles to avoid the risk of damaging their vehicles to at least the extent of the market value of such vehicles.

Because of the foregoing, if the committee decides to move the bill, it is recommended that a fund be established to compensate motor vehicle owners for their losses. That fund should be substantial given the many thousands of cars and trucks that are likely to be damaged.

SB-2019-SD-1

Submitted on: 2/19/2018 12:24:37 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lani Hernandez	Individual	Oppose	No

Comments:

Fuel costs are too damn high already.

SB-2019-SD-1

Submitted on: 2/19/2018 3:58:36 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Kimberly Sloan	Individual	Support	No

Comments:

February 19, 2018

TESTIMONY ON SB 2019 SD1 RELATING TO BIOFUEL SUPPORT

Senator Donovan M. Dela Cruz, Chair

Committee: Committee on Ways and Means

Hearing: "Public Decision Making" on Friday, February 23, 2018 at 10AM in Conference Room 211, State Capitol

Chairperson Dela Cruz, Vice-Chair and Members of the Committee,

Kimberly Sloan is in strong SUPPORT of SB 2019 SD1.

With the passing of the Hawaii's Renewable Portfolio Standard, the State has shown its considerable commitment to moving Hawaii beyond fossil fuels. **This commitment should now be extended beyond electricity production, to the vital transportation industry.**

Senate Bill 2019 SD1 establishes a biofuel content requirement for all on-road transportation fuel sold in Hawaii. Given the magnitude of fossil fuel imported into Hawaii, the most petroleum-dependent state in the nation - and with the majority of Hawaii's fuel consumed by our transportation sector - this would move our State toward its intended transportation renewable energy goals. It is an important step in the fight against climate change.

A biofuel content requirement isn't anything new - similar requirements are already in place in over a dozen states on the mainland, in various blends from 5% to 20%. In Hawaii, a state that was the first in the nation to mandate becoming powered by 100% renewable sources, we are lagging behind in showing support for biofuels! Blending 10% biodiesel into petroleum diesel for on-road diesel engines is an important step towards our 100% renewable goals.

Please pass SB 2019 SD1 that will significantly advance the reduction and eventual elimination of imported fossil fuels, help drive Hawaii to a stronger, more resilient and energy-secure economy, and ensure that Hawaii is doing its part to minimize the negative impacts of greenhouse gas-induced climate change.

Thank you for the opportunity to testify.

Kimberly Sloan

SB-2019-SD-1

Submitted on: 2/19/2018 4:49:16 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joy Nelson	Individual	Support	No

Comments:

Let us move past the fossil fuel age. Use sustainable biodiesel for transportation.

SB-2019-SD-1

Submitted on: 2/19/2018 4:56:32 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Glen Kagamida	Individual	Support	No

Comments:

I absolutely **SUPPORT** SB2019 SD1.

JOBS! JOBS! JOBS!

Clean, energy source to get Hawaii to 100% renewable! No more depending on OPEC. No rationing, shortages and lines at gas stations.

This is a no-brainer and should be implemented immediately, not in 2050.

Glen Kagamida, Hilo

SB-2019-SD-1

Submitted on: 2/19/2018 5:43:24 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Rene Umberger	Individual	Support	No

Comments:

SB-2019-SD-1

Submitted on: 2/19/2018 9:01:23 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Brian Lehmann	Individual	Support	No

Comments:

SB-2019-SD-1

Submitted on: 2/20/2018 5:54:52 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Barbara Barry	Individual	Support	No

Comments:

Aloha Chair and Committee members,

I strongly support this bill.

Mahalo,

Ms. Barbara Barry

Ha'iku, HI 96708

SB-2019-SD-1

Submitted on: 2/21/2018 8:24:34 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
matthias kusch	Individual	Support	No

Comments:

February 21, 2018

TESTIMONY ON SB 2019 SD1 RELATING TO BIOFUEL

SUPPORT

Senator Donovan M. Dela Cruz, Chair

Committee: Committee on Ways and Means

Hearing: "Public Decision Making" on Friday, February 23, 2018 at 10AM in Conference Room 211, State Capitol

Chairperson Dela Cruz, Vice-Chair and Members of the Committee,

My name is Matthias Kusch and I am in strong SUPPORT of SB 2019 SD1.

With the passing of the Hawaii's Renewable Portfolio Standard, the State has shown its considerable commitment to moving Hawaii beyond fossil fuels. **This commitment should now be extended beyond electricity production, to the vital transportation industry.**

Senate Bill 2019 SD1 establishes a biofuel content requirement for all on-road transportation fuel sold in Hawaii. Given the magnitude of fossil fuel imported into Hawaii, the most petroleum-dependent state in the nation - and with the majority of Hawaii's fuel consumed by our transportation sector - this would move our State toward its intended transportation renewable energy goals. It is an important step in the fight against climate change.

A biofuel content requirement isn't anything new - similar requirements are already in place in over a dozen states on the mainland, in various blends from 5% to 20%. In Hawaii, a state that was the first in the nation to mandate becoming powered by 100% renewable sources, we are lagging behind in showing support for biofuels! Blending 10% biodiesel into petroleum diesel for on-road diesel engines is an important step towards our 100% renewable goals.

Please pass SB 2019 SD1 that will significantly advance the reduction and eventual elimination of imported fossil fuels, help drive Hawaii to a stronger, more resilient and energy-secure economy, and ensure that Hawaii is doing its part to minimize the negative impacts of greenhouse gas-induced climate change.

Thank you for the opportunity to testify.

Matthias Kusch

SB-2019-SD-1

Submitted on: 2/20/2018 6:44:15 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
sabina blessington	Individual	Support	No

Comments:

Hawaii Biofuels are a clean, renewable energy that is not only good for local business, but the environment and fuel independence as well. Mahalo

SB-2019-SD-1

Submitted on: 2/21/2018 8:57:54 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Karen Chun	Individual	Oppose	No

Comments:

This is a special interest bill. Look what happened with requiring 10% ethanol. The fossil fuel used to create the corn ethanol (over the life-cycle of corn growing, distilling, etc) EXCEEDED the energy content of the ethanol fuel - thus it did not save fossil energy at all.

Right now, the biofuel industry in Hawai'i has to be self-sustaining. A result of that is that a situation like ethanol would be financially impractical. This stops "greenwashing" as happened with corn ethanol.

If you pass this bill, Big Ag like Monsanto will be attracted to Hawaii, take our ag land for fuel production and further limit our ability to grow food for ourselves.

The unintended side effects of passing this bill will be negative for our state. The positive effects only boost a few companies' revenue stream. I 100% support getting on renewable energy but this mandate would not help - it is a special interest give-away.

February 21, 2018

TESTIMONY ON SB 2019 SD1 RELATING TO BIOFUEL SUPPORT

Senator Donovan M. Dela Cruz, Chair

Committee: Committee on Ways and Means

Hearing: "Public Decision Making" on Friday, February 23, 2018 at 10AM in Conference Room 211, State Capitol

Chairperson Dela Cruz, Vice-Chair and Members of the Committee,

I am in strong SUPPORT of SB 2019 SD1.

Given the magnitude of fossil fuel imported into Hawaii, the most petroleum-dependent state in the nation - and with the majority of Hawaii's fuel consumed by our transportation sector - this would help move our State toward its intended transportation renewable energy goals. It is an important step in the fight against climate change.

I am heartened that Hawaii was the first in the state in the nation to mandate becoming powered by 100% renewable sources. Unfortunately, we are lagging behind in showing support for biofuels! Blending 10% biodiesel into petroleum diesel for on-road diesel engines is an important step towards our 100% renewable goals and will help increase green jobs in our state.

Please pass SB 2019 SD1 that will significantly advance the reduction and eventual elimination of imported fossil fuels, help drive Hawaii to a stronger, more resilient and energy-secure economy, and ensure that Hawaii is doing its part to minimize the negative impacts of greenhouse gas-induced climate change.

Thank you for the opportunity to testify.

Beth Mathias

Beth Mathias
61 Waipalani Road
Haiku, HI 96708

SB-2019-SD-1

Submitted on: 2/20/2018 8:14:55 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
joan conway	Individual	Support	No

Comments:

This must pass. Requiring biodiesel to be added to all fuel is part of the continuing movement toward sustainability that Hawaii has shown as a true commitment to the rest of our country.

TESTIMONY LETTER

February 21, 2018

TESTIMONY ON SB 2019 SD1 RELATING TO BIOFUEL SUPPORT

Senator Donovan M. Dela Cruz, Chair

Committee: Committee on Ways and Means

Hearing: "Public Decision Making" on Friday, February 23, 2018 at 10AM in Conference Room 211, State Capitol

Chairperson Dela Cruz, Vice-Chair and Members of the Committee,

Jan Alejandro is in strong SUPPORT of SB 2019 SD1.

With the passing of the Hawaii's Renewable Portfolio Standard, the State has shown its considerable commitment to moving Hawaii beyond fossil fuels. **This commitment should now be extended beyond electricity production, to the vital transportation industry.**

Senate Bill 2019 SD1 establishes a biofuel content requirement for all on-road transportation fuel sold in Hawaii. Given the magnitude of fossil fuel imported into Hawaii, the most petroleum-dependent state in the nation - and with the majority of Hawaii's fuel consumed by our transportation sector - this would move our State toward its intended transportation renewable energy goals. It is an important step in the fight against climate change.

A biofuel content requirement isn't anything new - similar requirements are already in place in over a dozen states on the mainland, in various blends from 5% to 20%. In Hawaii, a state that was the first in the nation to mandate becoming powered by 100% renewable sources, we are lagging behind in showing support for biofuels! Blending 10% biodiesel into petroleum diesel for on-road diesel engines is an important step towards our 100% renewable goals.

Please pass SB 2019 SD1 that will significantly advance the reduction and eventual elimination of imported fossil fuels, help drive Hawaii to a stronger, more resilient and energy-secure economy, and ensure that Hawaii is doing its part to minimize the negative impacts of greenhouse gas-induced climate change.

Thank you for the opportunity to testify.

Jan Alejandro
Pacific Biodiesel

SB-2019-SD-1

Submitted on: 2/21/2018 3:33:16 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dana Shinsato	Individual	Support	No

Comments:

SB-2019-SD-1

Submitted on: 2/21/2018 4:01:32 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Stephanie Austin	Individual	Oppose	No

Comments:

This bill will have enormous unintended consequences!

Are all vehicles able to use this product? Ethanol requirement damaged many vehicles!

SB-2019-SD-1

Submitted on: 2/21/2018 5:15:15 PM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joy Galatro	Individual	Support	No

Comments:

I strongly SUPPORT Senate Bill 2019 SD1. Given the magnitude of fossil fuel imported into Hawaii, the most petroleum-dependent state in the nation – and with the majority of Hawaii's fuel consumed by our transportation sector – this would move our State toward its intended transportation renewable energy goals. Also, a biofuel content requirement isn't anything new – similar requirements are already in place in over a dozen states on the mainland, in various blends from 5% to 20%. In Hawaii, a state that was the first in the nation to mandate becoming powered by 100% renewable sources, we are lagging behind in showing support for biofuels. Passing this bill is an important step in the fight against climate change! Mahalo!

February 21, 2018

TESTIMONY ON SB 2019 SD1 RELATING TO BIOFUEL
SUPPORT

Senator Donovan M. Dela Cruz, Chair

Committee: Committee on Ways and Means

Hearing: "Public Decision Making" on Friday, February 23, 2018 at 10AM in Conference Room 211, State Capitol

Chairperson Dela Cruz, Vice-Chair and Members of the Committee,

Yuswati Curry is in strong SUPPORT of SB 2019 SD1.

With the passing of the Hawaii's Renewable Portfolio Standard, the State has shown its considerable commitment to moving Hawaii beyond fossil fuels. **This commitment should now be extended beyond electricity production, to the vital transportation industry.**

Senate Bill 2019 SD1 establishes a biofuel content requirement for all on-road transportation fuel sold in Hawaii. Given the magnitude of fossil fuel imported into Hawaii, the most petroleum-dependent state in the nation - and with the majority of Hawaii's fuel consumed by our transportation sector - this would move our State toward its intended transportation renewable energy goals. It is an important step in the fight against climate change.

A biofuel content requirement isn't anything new - similar requirements are already in place in over a dozen states on the mainland, in various blends from 5% to 20%. In Hawaii, a state that was the first in the nation to mandate becoming powered by 100% renewable sources, we are lagging behind in showing support for biofuels! Blending 10% biodiesel into petroleum diesel for on-road diesel engines is an important step towards our 100% renewable goals.

Please pass SB 2019 SD1 that will significantly advance the reduction and eventual elimination of imported fossil fuels, help drive Hawaii to a stronger, more resilient and energy-secure economy, and ensure that Hawaii is doing its part to minimize the negative impacts of greenhouse gas-induced climate change.

Thank you for the opportunity to testify.

Yuswati Curry

SB-2019-SD-1

Submitted on: 2/22/2018 3:40:39 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrew Pamplona	Individual	Support	No

Comments:

I support this SB 2019.

SB-2019-SD-1

Submitted on: 2/22/2018 6:38:00 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Anthony E. Baduria	Individual	Support	No

Comments:

SB-2019-SD-1

Submitted on: 2/22/2018 8:27:06 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ana	Individual	Support	No

Comments:

SB-2019-SD-1

Submitted on: 2/22/2018 6:45:29 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Reyn Kahaapea	Individual	Support	No

Comments:

SB-2019-SD-1

Submitted on: 2/22/2018 9:01:32 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Eileen Carvalho	Individual	Support	No

Comments:

February 22, 2018

TESTIMONY ON SB 2019 SD1 RELATING TO BIOFUEL

SUPPORT

Senator Donovan M. Dela Cruz, Chair

Committee: Committee on Ways and Means

Hearing: "Public Decision Making" on Friday, February 23, 2018 at 10AM in Conference Room 211, State Capitol

Chairperson Dela Cruz, Vice-Chair and Members of the Committee,

I am in strong SUPPORT of SB 2019 SD1.

With the passing of the Hawaii's Renewable Portfolio Standard, Hawaii will take steps to secure its place among leaders in the renewable energy industry and will bolster its fight against climate change.

The passing of SB 2019 SD1 will directly support tourism and the defense industry, especially during economic downturns when access to fossil fuels is limited. The

passing of SB 2019 SD1 will also support Hawaii's diversified agricultural industry. Over the long term, access to more biofuels will result in lower costs to operate equipment and transport goods to market.

The Hawaiian Islands is the most geographically isolated group of islands on Earth, located more than 2,000 miles from Asia and the continental United States. In the long term, passing bills such as SB 2019 SD1 will allow Hawaii access to renewable resources during periods of burgeoning populations and limited resources.

Please pass SB 2019 SD1 to ensure a cleaner and safer existence in this tropical paradise.

Thank you for the opportunity to testify.

Eileen Carvalho

Paia, Maui

SB-2019-SD-1

Submitted on: 2/22/2018 9:42:36 AM

Testimony for WAM on 2/23/2018 10:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Emily Villanueva	Individual	Support	No

Comments:

February 22, 2018

TESTIMONY ON SB 2019 SD1 RELATING TO BIOFUEL SUPPORT

Senator Donovan M. Dela Cruz, Chair

Committee: Committee on Ways and Means

Hearing: "Public Decision Making" on Friday, February 23, 2018 at 10AM in Conference Room 211, State Capitol

Chairperson Dela Cruz, Vice-Chair and Members of the Committee,

Emily Villanueva is in strong SUPPORT of SB 2019 SD1.

With the passing of the Hawaii's Renewable Portfolio Standard, the State has shown its considerable commitment to moving Hawaii beyond fossil fuels. **This commitment should now be extended beyond electricity production, to the vital transportation industry.**

Senate Bill 2019 SD1 establishes a biofuel content requirement for all on-road transportation fuel sold in Hawaii. Given the magnitude of fossil fuel imported into Hawaii, the most petroleum-dependent state in the nation - and with the majority of Hawaii's fuel consumed by our transportation sector - this would move our State toward its intended transportation renewable energy goals. It is an important step in the fight against climate change.

A biofuel content requirement isn't anything new - similar requirements are already in place in over a dozen states on the mainland, in various blends from 5% to 20%. In Hawaii, a state that was the first in the nation to mandate becoming powered by 100% renewable sources, we are lagging behind in showing support for biofuels! Blending 10% biodiesel into petroleum diesel for on-road diesel engines is an important step towards our 100% renewable goals.

Please pass SB 2019 SD1 that will significantly advance the reduction and eventual elimination of imported fossil fuels, help drive Hawaii to a stronger, more resilient and energy-secure economy, and ensure that Hawaii is doing its part to minimize the negative impacts of greenhouse gas-induced climate change.

Thank you for the opportunity to testify.

Emily Villanueva