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## A BILL FOR AN ACT

RELATING TO LOW-SPEED ELECTRIC BICYCLES.

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

1           SECTION 1. Section 286-2, Hawaii Revised Statutes, is  
2 amended by amending the definition of "bicycle" to read as  
3 follows:

4           "Bicycle" means every [~~device~~]:

- 5           (1) Device propelled solely by human power upon which any  
6           person may ride, having two tandem wheels sixteen  
7           inches in diameter or greater, and including any  
8           device generally recognized as a bicycle though  
9           equipped with two front or two rear wheels[-]; or  
10          (2) A low-speed electric bicycle, as defined under 15  
11          U.S.C. section 2085."

12          SECTION 2. Section 291C-1, Hawaii Revised Statutes, is  
13 amended by amending the definition of "bicycle" to read as  
14 follows:

15          "Bicycle" means every [~~vehicle~~]:

- 16          (1) Vehicle propelled solely by human power upon which any  
17          person may ride, having two tandem wheels, and



# H.B. NO. 115

1 including any vehicle generally recognized as a  
 2 bicycle though equipped with two front or two rear  
 3 wheels except a toy bicycle[-]; or

4 (2) A low-speed electric bicycle, as defined under 15  
 5 U.S.C. section 2085."

6 SECTION 3. Statutory material to be repealed is bracketed  
 7 and stricken. New statutory material is underscored.

8 SECTION 4. This Act shall take effect upon its approval.

9

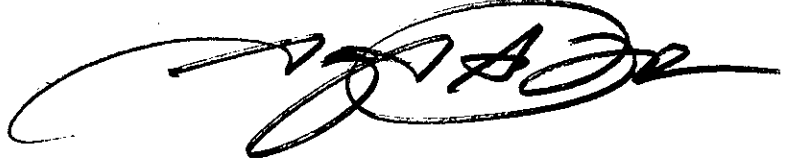
INTRODUCED BY: 

Mike E. Loun









JAN 23 2015



# H.B. NO. 715

**Report Title:**

Low-speed Electric Bicycle

**Description:**

Amends the definition of bicycle to include low-speed electric bicycles.

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*





STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5097

IN REPLY REFER TO:

February 18, 2015  
10:05 AM  
State Capitol, Room 309

**H.B. 715**  
**RELATING TO LOW SPEED ELECTRICAL BICYCLES**

House Committee on Transportation

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The Department of Transportation (DOT) **supports** this bill with recommended amendments.

Sections 249-1 and 286-2, HRS, contain the definition of a bicycle, so the definition of an electric bicycle should also be included in these sections.

Since the bill proposes that electric bicycles be registered as a bicycle in 249-14, HRS, it is recommended that Section 249-14, HRS, be amended by adding electric bicycles to Sections 249-14 (a) and (b), HRS.

It may also be prudent to require helmet use for electric bicycle riders under the age of 18 under Section 291C-150, HRS.

Other sections that may warrant consideration for electric bicycles are: Sections 293-1; 293-2; and 291C-141 through 149, HRS.

Mixing a motorized vehicle with non-motorized traffic on shared-use paths or sidewalks will create a safety issue similar to Segways on sidewalks and mopeds on bicycle paths. In addition, revising the definition of "bicycle" would make it inconsistent with the definition in the National Uniform Vehicle Code, Manual on Uniform Traffic Control Devices (MUTCD), and American Association on State Highway and Transportation Officials (AASHTO) publications. These publications guide the design of our bicycle facilities which is based on a design vehicle (bicycle) that is human-powered with typical paved level terrain speeds of 8-15 mph. It is recommended that the speed of the electric bicycles be required to match the human powered bicycles.

Another concern is that the bill does not address how these electric bicycles would be regulated to keep them at the required maximum speed and not bring about a similar problem we have with mopeds that are modified to exceed 30 mph. It is recommended that a penalty for modifying an electric bicycle so it travels faster be added.

Finally, there is concern that the bill does not prevent children from riding electric bicycles. Since these vehicles can weigh 100 pounds, it is recommended that a minimum age for use be added.

Thank you for the opportunity to provide testimony.

**ADDRESS**

3442 Waialae Ave., Suite 1  
Honolulu, HI 96816

**PHONE**

808-735-5756

**FAX**

808-735-7989

**EMAIL**

bicycle@hbl.org

February 17, 2015  
Representative Henry Aquino,  
Chair Transportation Committee

### Testimony Supporting HB715

Aloha,  
Hawaii Bicycling League **supports HB715**. Electrical bicycles are in a regulatory limbo; it is time that they are clearly defined and regulated.

Under federal law, 15 U.S.C section 2085 has established a definition for electrical bicycles; this has, in turn, shaped E-bike state-level regulations across the country and E-bike manufacturing. We support using the federal law as the basis for the Hawaii law; as HB715 does.

People for Bikes recently contacted us to discuss HB715. They have national expertise and are interest in making the Hawaii law as clear as possible and consistent with federal law. Our understanding is that they have submitted testimony for this hearing; we urge the committee to consider their comments. Of particular concern, is the needed to include the E-bike definition in HRS 249-14, which provides the rules for bicycle and moped registration.

Thank you very much for considering the comments of the Hawaii Bicycling League. If you have any questions or would like to discuss further, please contact Chad Taniguchi (808-735-5756, [chad@hbl.org](mailto:chad@hbl.org)) or Daniel Alexander (808-275-6717, [Daniel@hbl.org](mailto:Daniel@hbl.org)).

Ride and Drive Aloha,

Chad Taniguchi  
Executive Director  
Hawaii Bicycling League

Daniel Alexander  
Advocacy Director  
Hawaii Bicycling League



February 16, 2015

The Honorable Henry J.C. Aquino  
Chair, House Committee on Transportation  
Hawaii State Capitol  
415 South Beretania St., Room 328  
Honolulu, HI 96813

Dear Representative Aquino:

Ebikes Hawaii, the Bicycle Product Suppliers Association (BPSA), and PeopleForBikes are writing this letter to provide comments on House Bill 715, a bill that would incorporate electric bicycles into Hawaii's laws. This bill is scheduled for a hearing before the House Committee on Transportation on Wednesday February 18<sup>th</sup>. Ebikes Hawaii is a local retailer of electric bicycles, with locations in Honolulu and the Joint base Pearl Harbor-Hickam Air Force. The BPSA is the national trade association of companies that manufacture and distribute bicycles and related accessories. PeopleForBikes is a national advocacy organization with over one million members, including more than 3,000 members in Hawaii, that promotes the safe use and enjoyment of bicycles.

We are pleased to see legislation being introduced that incorporates electric bicycles into Hawaii's traffic laws. Electric bicycles (Ebikes) are becoming an increasingly important form of transportation and a more significant component of the bicycle industry. The correct and uniform classification of Ebikes as bicycles under state laws is important to the Ebike industry, particularly because Ebikes are already classified as bicycles and designed, tested and manufactured like bicycles in accordance with federal law. Bills such as H.B. 715 are thus an important step in regulating Ebikes at the state level.

We have carefully reviewed this legislation, and we have a few suggestions that we think would improve the bill and further its primary purpose. Below are our comments:

1. **“Low-speed electric bicycles” should be excluded from the definition of a “motor vehicle” in Chapters 286 and 291C.** Pursuant to the current versions of H.R.S. §§ 286-2 and 291C-1, a “motor vehicle” includes vehicles that are “self-propelled,” or “propelled by electric power” and not operated on rails. “Mopeds” are explicitly excluded from the definition of a “motor vehicle.” Therefore bicycles and mopeds are not “motor vehicles” for the purposes of either chapters 286 or 291C. However, “low-speed electric bicycles” do contain an electric motor and might be considered “self-propelled.” Thus, they might be interpreted as meeting the definition of a “motor vehicle” under both of these chapters even though bicycles and mopeds are excluded. An exclusion of “low-speed electric bicycles” from the definition of “motor vehicle” should be added to both sections 286-2 and 291C-1 to clarify that electric bicycles are not motor vehicles.



2. **“Low-speed electric bicycles” should be excluded from the definition of a “vehicle” in Chapter 286.** Existing Hawaii law specifically excludes “devices moved by human power” and “mopeds” from the definition of a “vehicle” in section 286-2. Thus both bicycles and mopeds are not “vehicles” for the purposes of chapter 286. However, “low-speed electric bicycles” are not mopeds, and they may not be considered “devices moved by human power” because they have electric motors. Thus electric bicycles might inadvertently be considered “vehicles” under chapter 286, even though both bicycles and mopeds are not. An explicit exclusion for “low-speed electric bicycles” from the definition of a “vehicle” in section 286-2 would fix this issue.
3. **“Low-speed electric bicycles” should be excluded from the definition of a “moped” in Chapters 286 and 291C.** This bill does not have language excluding “low-speed electric bicycles” from the definition of “moped” in H.R.S. §§ 286-2 or 291C-1. Because the definition of moped is fairly broad, “low-speed electric bicycles” might inadvertently be viewed as a sub-class of mopeds. Several states have used explicit exclusions to clarify this issue (e.g., Colorado, Minnesota, Nevada, and Oregon).
4. **“Low-speed electric bicycles” should be incorporated into Chapter 249.** This bill does not have provisions amending chapter 249 of the Hawaii statutes. Section 249-14 governs the registration requirements for bicycles and mopeds. By not incorporating the new definitions of “bicycle” and “low-speed electric bicycle” into chapter 249, the registration requirement for electric bicycles is unclear. The definitions in this chapter should be amended so that electric bicycles are regulated like bicycles for registration purposes, and to ensure consistency throughout the Hawaii statutes.

These amendments would help ensure that the status of electric bicycles under Hawaii law is as clear as possible, and would support the primary objective of the bill. We have included proposed statutory changes in Appendix A to this letter. Thank you for taking the time to consider this important subject, and please do not hesitate to contact us with any additional questions.

Sincerely,

John Cho  
President  
Ebikes Hawaii Corp.  
3318 Campbell Avenue  
Honolulu, HI 96815  
ebikeshi@gmail.com  
(808) 223-7038





Larry Pizzi  
Chair, Electric Bicycle Committee, BPSA  
President, Currie Technologies  
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Simi Valley, CA. 93063  
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Alex Logemann  
State & Local Policy Analyst  
PeopleForBikes  
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Boulder, CO 80306  
alex@peopleforbikes.org  
(720) 256-3646



## Appendix A

### (Deletions in strikethrough, additions bolded and underlined)

SECTION 1. Section 249-1, Hawaii Revised Statutes, is amended by amending the definitions of “bicycle,” “moped,” “motor vehicle,” and “vehicle” to read as follows:

“Bicycle” means every [~~device~~]:

(1) **Device** propelled solely by human power upon which any person may ride, having two tandem wheels sixteen inches in diameter or greater, and including any device generally recognized as a bicycle though equipped with two front or two rear wheels[.]; **or**

(2) **A low-speed electric bicycle, as defined under 15 U.S.C. section 2085.**

“Moped” means a device upon which a person may ride which has two or three wheels in contact with the ground, a motor having a maximum power output capability measured at the motor output shaft, in accordance with the Society of Automotive Engineers standards, of two horsepower (one thousand four hundred ninety-two watts) or less and, if it is a combustion engine, a maximum piston or rotor displacement of 3.05 cubic inches (fifty cubic centimeters) and which will propel the device, unassisted, on a level surface at a maximum speed no greater than thirty miles per hour; and a direct or automatic power drive system which requires no clutch or gear shift operation by the moped driver after the drive system is engaged with the power unit. **The term “moped” excludes low-speed electric bicycles.**

“Motor vehicle” means every vehicle which is self-propelled and every vehicle which is propelled by electric power but which is not operated upon rails, but excludes **low-speed electric bicycles and** mopeds.

“Vehicle” means every device in, upon, or by which any person or property is or may be transported or drawn upon a highway, but excludes devices moved by human power or devices used exclusively upon stationary rails or tracks, **low-speed electric bicycles,** and mopeds.

SECTION 2. Section 286-2, Hawaii Revised Statutes, is amended by amending the definitions of “bicycle,” “moped,” “motor vehicle,” and “vehicle” to read as follows:

“Bicycle” means every [~~device~~]:

(1) **Device** propelled solely by human power upon which any person may ride, having two tandem wheels sixteen inches in diameter or greater, and including any device generally recognized as a bicycle though equipped with two front or two rear wheels[.]; **or**

(2) **A low-speed electric bicycle, as defined under 15 U.S.C. section 2085.**

“Moped” means a device upon which a person may ride which has two or three wheels in contact with the ground, a motor having a maximum power output capability measured at the motor



output shaft, in accordance with the Society of Automotive Engineers standards, of two horsepower (one thousand four hundred ninety-two watts) or less and, if it is a combustion engine, a maximum piston or rotor displacement of 3.05 cubic inches (fifty cubic centimeters) and which will propel the moped, unassisted, on a level surface at a maximum speed no greater than thirty miles per hour; and a direct or automatic power drive system which requires no clutch or gear shift operation by the moped driver after the drive system is engaged with the power unit. **The term “moped” excludes low-speed electric bicycles.**

“Motor vehicle” means every vehicle which is self-propelled and every vehicle which is propelled by electric power but which is not operated upon rails, but excludes a **low-speed electric bicycle and** moped.

“Vehicle” means every device in, upon, or by which any person or property is or may be transported or drawn upon a highway, but excludes devices moved by human power or devices used exclusively upon stationary rails or tracks, **low-speed electric bicycles,** and mopeds.

SECTION 3. Section 291C-1, Hawaii Revised Statutes, is amended by amending the definitions of “bicycle,” “moped,” and “motor vehicle” to read as follows:

“Bicycle” means every [~~vehicle~~]:

**(1) Vehicle** propelled solely by human power upon which any person may ride, having two tandem wheels, and including any vehicle generally recognized as a bicycle though equipped with two front or two rear wheels except a toy bicycle[.] **; or**

**(2) A low-speed electric bicycle, as defined under 15 U.S.C. section 2085.**

“Moped” means a device upon which a person may ride which has two or three wheels in contact with the ground, a motor having a maximum power output capability measured at the motor output shaft, in accordance with the Society of Automotive Engineers standards, of two horsepower (one thousand four hundred ninety-two watts) or less and, if it is a combustion engine, a maximum piston or rotor displacement of 3.05 cubic inches (fifty cubic centimeters) and which will propel the device unassisted, on a level surface at a maximum speed no greater than thirty miles per hour; and a direct or automatic power drive system which requires no clutch or gear shift operation by the moped driver after the drive system is engaged with the power unit. **The term “moped” excludes low-speed electric bicycles.**

“Motor vehicle” means every vehicle which is self-propelled and every vehicle which is propelled by electric power but not operated upon rails but excludes a **low-speed electric bicycle and** moped.

Rep. Henry J.C. Aquino, Chair  
Rep. Matthew S. LoPresti, Vice Chair

Aloha Rep. Henry J.C. Aquino, and Rep. Matthew S. LoPresti

I am writing you to show my strong **support** for House Bill 715 relating to “Low Speed Electric Bicycles.”

HB715 identifies the definition change of a “Bicycle” under Hawaii Revised Statute Section 286-2 to include the “Low Speed Electric Bicycle” as defined under 15USC section 285 which states:

*For the purpose of this section, the term “low speed electric bicycle” means a two- or three wheeled vehicle with fully operable pedals and an electric motor of less than 750 watts (1 h.p.), whose maximum speed on a paved level surface, when powered solely by such a motor while ridden by an operator who weighs 170 pounds, is less than 20 mph.*

#### *Preemption*

*This section shall supersede any State law or requirement with respect to low-speed electric bicycles to the extent that such State law or requirement is more stringent than the Federal law or requirements referred to in subsection (a) of this section.*

#### **Electric Bikes provide the conveniences of a car with the advantages of a Bicycle**

Electric Bicycles are becoming more and more popular across nation and throughout the world.

*“Electric Bikes consist of a modified or custom bicycle frame with pedals but include an electric motor, usually in the form of a hub motor, mid-drive motor or belt drive connected to the rear wheel. They allow a rider to either pedal the bike or leverage the power of a battery and motor drive system.”*

The **benefits** of electric bikes “E-Bikes” are many and often go unrealized by car and scooter owners.

- With an electric bike you have the ability to get around quickly with little to no sweat if you choose. This can be handy for being able to wear your normal work clothes to work, or run errands around town without being drenched in sweat.
- E-bikes have helped people with disabilities, poor physical fitness, and/or concerns with keeping up with family/friends in order to enjoy riding a bicycle again.
- Electric bikes make it much easier to haul heavier loads like kids (in a trailer or kids seat), groceries, the stuff that you take to work, your beach towel and some refreshments, etc.
- An electric bike can really make hills and head winds a non-issue.
- E-Bikes are lighter, cleaner and more reliable than gas powered vehicles.
- Less expensive than gas powered vehicles, especially over the long term when using electricity vs. gasoline or other fuel source

- Environmentally friendly, no exhaust created on site for the user to inhale. Easily use locally produced solar or wind power to charge
- Efficient and affordable parking options, fits on any normal bike rack or to a pole/railing
- Easy to use with public transportation like busses, trains and light rail systems
- Provides an opportunity to exercise and practice balance
- Social opportunity to get in touch with your community and become more social
- Relaxing and focusing because you cannot use your cell phone or eat at the same time as you would while driving an automobile.

Hawaii needs to bring the E-Bike into conformity with Federal Statutes as E-Bikes serve a purpose as an alternative form of transportation.

Please accept my comments and accept the intelligent changes proposed under this bill.

Mahalo:



Saman Dias

2/15/2015

Rep. Henry J.C. Aquino, Chair  
Rep. Matthew S. LoPresti, Vice Chair

Aloha Rep. Henry J.C. Aquino, and Rep. Matthew S. LoPresti

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*Preemption*

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Electric Bikes provide the conveniences of a car with the advantages of a Bicycle

What are Electric Bikes?

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*“Electric Bikes consist of a modified or custom bicycle frame with pedals but include an electric motor, usually in the form of a hub motor, mid-drive motor or belt drive connected to the rear wheel. They allow a rider to either pedal the bike or leverage the power of a battery and motor drive system.”*

The benefits of electric bikes “E-Bikes” are many and often go unrealized by car and scooter owners.



- With an electric bike you have the ability to get around quickly with little to no sweat if you choose. This can be handy for being able to wear your normal work clothes to work, or run errands around town without being drenched in sweat.
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- E-Bikes are lighter, cleaner and more reliable than gas powered vehicles.
- Less expensive than gas powered vehicles, especially over the long term when using electricity vs. gasoline or other fuel source
- Environmentally friendly, no exhaust created on site for the user to inhale. Easily use locally produced solar or wind power to charge
- Efficient and affordable parking options, fits on any normal bike rack or to a pole/railing
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- Provides an opportunity to exercise and practice balance
- Social opportunity to get in touch with your community and become more social
- Relaxing and focusing because you cannot use your cell phone or eat at the same time as you would while driving an automobile.

Hawaii needs to bring the E-Bike into conformity with Federal Statutes as E-Bikes serve a purpose as an alternative form of transportation.

Please accept my comments and accept the intelligent changes proposed under this bill.

Mahalo;

Lee Chamberlain

From: mailinglist@capitol.hawaii.gov  
Sent: Tuesday, February 17, 2015 9:42 AM  
To: TRNtestimony  
Cc: nroath@comcast.net  
Subject: Submitted testimony for HB1358 on Feb 18, 2015 10:05AM  
Attachments: Testimony1.pages.zip

**HB1358**

Submitted on: 2/17/2015

Testimony for TRN on Feb 18, 2015 10:05AM in Conference Room 309

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Norma Roath	Individual	Support	Yes

Comments:

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.

Do not reply to this email. This inbox is not monitored. For assistance please email [webmaster@capitol.hawaii.gov](mailto:webmaster@capitol.hawaii.gov)



Roy Cho  
February 17 2015

### **Electric Bicycle Testimony**

Ebikes are a great solution to the islands congested roads. I have been commuting in an Electric bicycle for 1 year and have seen the many benefits as a car alternative. As a low speed electric bike there can be minimal risk if used properly- allowing riders to more safely ride alongside traffic up to 20mph. They are very environmentally and space efficient.

There are many health benefits as well. Riding an assisted bike as part of your daily routine can promote a better lifestyle and overall well being. Studies have shown that moderate exercise is the best way to work out the body because it does not over exert your capability. Ebikes can be a great solution for those that are past their physical peak but still want to enjoy the outdoors. It's a great mediator between riders with different skill levels. There are detailed accounts of the benefits in Jim Turner's electric bike book ([www.electricbikebook.com](http://www.electricbikebook.com)). He is the founder of Optibike, a high end electric bike brand located on the mainland.

Classification of the low speed electric bicycle will aid in making these great modes of transportation more accessible to the general public. Just like with conventional bicycles and moped, riders feel safe when bikes are registered in case of theft.

**Support for House Bill 715 relating to “Low Speed Electric Bicycles.”**

<b>Name</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>	<b>Country</b>	<b>Signed On</b>
Lee Chamk	Lahaina	Hawaii		United States	2/16/2015
LAAKEA LO	Wailuku	Hawaii	96793	United States	2/16/2015
Timothy Re	makawao	Hawaii	96761	United States	2/16/2015
John Cho	Honolulu	Hawaii	96815	United States	2/16/2015
Mike Clyde	Road Town		V1L 5R4	Canada	2/16/2015
Garret Koji	Waipahu	Hawaii	96797	United States	2/16/2015
Michael Bu	Lahaina	Hawaii	96761	United States	2/16/2015
Saman Dia	Lahaian	Hawaii	96761	United States	2/16/2015
Chandelle	Kailua	Hawaii	96734	United States	2/16/2015
Scott Case	Hilo	Hawaii	96720	United States	2/16/2015
Maria yese	Kailua	Hawaii	96734	United States	2/16/2015
Caroline Br	Kailua	Hawaii	96734	United States	2/16/2015
Wesley Mc	Lahaina	Hawaii	96761	United States	2/16/2015
Steve Mori	Pearl City	Hawaii	96782	United States	2/16/2015
Madeleine	Lahaina	Hawaii	96761	United States	2/16/2015
Bob Edmis	Seattle	Washington	98112	United States	2/16/2015
Wayne Par	Kailua	Hawaii	96734	United States	2/16/2015
Michael Ar	Kihei	Hawaii	96753	United States	2/16/2015
John Mitch	Kailua	Hawaii	96734	United States	2/17/2015
Wayne Coc	Lakebay	Washington	98349	United States	2/17/2015
Amy Watai	Kailua	Hawaii	96734	United States	2/17/2015
Jeffrey Gas	Mililani	Hawaii	96789	United States	2/17/2015
Gary Cox	Kailua-Kon	Hawaii	96739	United States	2/17/2015
Sharon Bla	Kailua	Hawaii	96734-461	United States	2/17/2015
Aaron Lanc	Honolulu	Hawaii	96814	United States	2/17/2015
Suzette Ha	Berkeley	California	94704	United States	2/17/2015
Charlton A	Honolulu	Hawaii	96819	United States	2/17/2015
Douglas Ba	Kailua	Hawaii	96734	United States	2/17/2015
cyndi won	Bentonville	Arkansas	72712	United States	2/17/2015
Tammy Na	Honolulu	Hawaii	96825	United States	2/17/2015
Miles Kim	Kailua	Hawaii	96734	United States	2/17/2015
Kyle Pared	Honolulu	Hawaii	96816	United States	2/17/2015
Thomas Gl	Kaneohe	Hawaii	96744	United States	2/17/2015
Peter Mert	Kailua-Kon	Hawaii	96740	United States	2/17/2015
Chris Kas	Kealia	Hawaii	96751	United States	2/17/2015

**Support for House Bill 715 relating to “Low Speed Electric Bicycles.”**

<b>Name</b>	<b>City</b>	<b>State</b>	<b>Zip</b>	<b>Country</b>	<b>SignedOn</b>	<b>Comment</b>
LAAKEA LOW	WAILUKU	HI	96793	United States	2/16/2015	<p>Roberts Hawaii, operators of Maui Bus, have been discriminating against e-bikes, disallowing them on their racks, which has made sustainable transportation difficult for e-bike owners who seek to travel responsibly by reducing their carbon footprint.</p> <p>I strongly believe ebike is the solution to the grid-lock of traffic we are facing in Hawaii. Economical, environmentally clean, health promoting mode of transportation. That's what ebike will do for us.</p>
John Cho	Honolulu	HI	96815	United States	2/16/2015	<p>I support this petition.</p> <p>E-bikes have helped people with disabilities, poor physical fitness, and/or concerns with keeping up with family/friends in order to enjoy riding a bicycle again. Environmentally friendly, no exhaust created on site for the user to inhale. Easily use locally produced solar or wind power to charge</p> <ul style="list-style-type: none"> <li>• Efficient and affordable parking options, fits on any normal bike rack or to a pole/railing</li> <li>• Easy to use with public transportation like busses, trains and light rail systems</li> <li>• Provides an opportunity to exercise and practice balance</li> <li>• Social opportunity to get in touch with your community and become more social</li> </ul> <p>Perfect alternative transportation option for Hawaii. We need it!!!</p>
Saman Dias	Lahaian	HI	96761	United States	2/16/2015	<p>By bringing HI definition of bicycle law into alignment with the national definition of bicycle, which this legislation would do, it empowers many more Hawaii residents and visitors to choose quiet, clean, safe transportation alternatives. This will be good for everybody, and good for our planet.</p>
Bob Edmiston	Seattle	WA	98112	United States	2/16/2015	<p>Electric bikes are a great way to get around. You pedal and use the electric motor only when you get tired or go up a hill.</p>
Wayne S. Parker	Kailua	HI	96734	United States	2/16/2015	<p>I love using my Ebike and do not want to be regulated.</p>
John Mitchell	Kailua	HI	96734	United States	2/17/2015	<p>Thank You John M</p>
Amy Watai	Kailua	HI	96734	United States	2/17/2015	<p>I am signing because I believe that the low speed electric bicycle is a great transportation alternative. On top of that it also can serve as a healthy option for people to recreate....</p>

Jeffrey Gaskell	Mililani	HI	96789	United Sta	2/17/2015	Electric bikes that top out at 20mph are well within the range of regular non-motorized bicycles and broaden the appeal of cycling for a wider segment of our population.
Sharon Blanton	Kaneohe	HI	96744	United Sta	2/17/2015	Electric bicycles provide much needed exercise for those with injuries. Just a little bit of battery power provides the confidence needed to get out there on a bike.
Kyle Paredes	Honolulu	HI	96816	United Sta	2/17/2015	I am signing because I believe that the low speed electric bicycle is a great transportation alternative. On top of that it also can serve as a healthy option for people to recreate....
Chris Kasper	Kealia	HI	96751	United Sta	2/17/2015	Electric bikes should be legal.