

STATE OF HAWAII
HAWAII CLIMATE CHANGE MITIGATION & ADAPTATION
COMMISSION
POST OFFICE BOX 621
HONOLULU, HAWAII 96809

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Director, Kauai DP
The Adjutant General
Manager, CZM

Testimony of
Leah Laramée
Coordinator, Hawaii Climate Change Mitigation and Adaptation Commission

Before the Senate Committee on
TRANSPORTATION AND CULTURE OF THE ARTS

Tuesday, January 31, 2023
3:00 PM

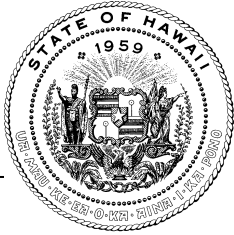
State Capitol, Via Videoconference, Conference Room 224

In support of
Senate Bill 973
RELATING TO TRANSPORTATION

Senate Bill 973 Requires lessors of rental motor vehicles to incorporate zero-emission vehicles or plug-in hybrid electric vehicles, or both, into the lessor's rental motor vehicle fleets. **The Hawaii Climate Change Mitigation and Adaptation Commission (Commission) supports this measure.**

Hawaii's Climate Change Mitigation and Adaptation Commission recognizes that ground transportation contributes significantly to Hawaii's share of greenhouse gas emissions. The Commission supports mechanisms to reduce overall vehicle miles traveled as well as converting all remaining vehicle based ground transportation to renewable, zero-emission fuels and technologies. Requiring lessors of rental motor vehicles to incorporate zero—emission vehicles or plug—in hybrid electric vehicles, or both, into the lessor's rental motor vehicle fleets will assist in reaching the State's 2045 net negative emission's goals.

Mahalo for the opportunity to comment in support of this measure.



HAWAII STATE ENERGY OFFICE STATE OF HAWAII

JOSH GREEN, M.D.
GOVERNOR

MARK B. GLICK
CHIEF ENERGY OFFICER

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Testimony of
MARK B. GLICK, Chief Energy Officer

before the
SENATE COMMITTEE ON TRANSPORTATION AND CULTURE AND THE ARTS

Tuesday, January 31, 2023
3:00 PM
State Capitol, Conference Room 224 and Videoconference

Providing **COMMENTS** to
SB 973

RELATING TO TRANSPORTATION.

Chair Lee, Vice Chair Inouye, and Members of the Committee, the Hawaii State Energy Office (HSEO) offers comments on SB 973, which requires lessors of rental motor vehicles to incorporate zero-emission vehicles (ZEV) or plug-in hybrid electric vehicles, or both, into the lessor's rental motor vehicle fleets. HSEO's testimony is guided by its mission to promote energy efficiency, renewable energy, and clean transportation to help achieve a resilient, clean energy, decarbonized economy.

Hawaii has been a leader in making necessary changes towards reducing greenhouse gas emissions, mitigating climate change impacts, and has taken strides towards securing a more sustainable future. Notably, it was the first state to mandate that all electricity sold by utilities be 100% renewable by 2045. It has committed to the Paris agreement and was the first state to declare a climate emergency. Additionally, Hawaii set the most ambitious goal in the country of becoming carbon net negative by 2045. Decarbonization of ground transportation by shifting towards zero-emission vehicles that utilize local, renewable, and clean (i.e. with low carbon footprint) energy sources will be a necessary and integral part of meeting these goals and commitments.

Rental motor vehicles represent one of the largest passenger vehicle fleets in Hawaii and are responsible for a significant amounts of carbon emissions. Transitioning

rental motor vehicle fleets to zero-emission vehicles would reduce carbon emissions and increase the number of ZEVs entering the secondary market, making them more affordable to more Hawaii residents. A ZEV rental fleet would demonstrate to all who visit the State that Hawaii is a leader in clean energy and sustainable transportation.

HSEO supports the intent of the bill which is to speed up the decarbonization of ground transportation. By providing specific zero-emission deployment targets, SB 973 provides rental car fleets the certainty needed to plan for and invest in the critical vehicle and infrastructure technologies needed for compliance.

At the same time, it will be critical to ensure that any statutory requirements adopted are technically and economically feasible. Charging infrastructure and charging capabilities at rental hubs, hotels, and visitor attractions will require significant upgrades. Airports facilities, where many rental car companies are located, will need to be retrofitted with adequate power to support the charging/fueling infrastructure that rental fleets will require to convert to zero-emission vehicles.

HSEO has been researching means by which a rental ZEV fleet requirement could be implemented and stand ready to work with the legislature, government agencies, industry, and stakeholders on solutions that achieve the objectives of SB 973. HSEO also recommends consultation with the Attorney General's Office to ensure the requirements of the bill are not implicitly preempted by the Clean Air Act.

Thank you for the opportunity to testify.



Email: communications@ulupono.com

SENATE COMMITTEE ON TRANSPORTATION & CULTURE & THE ARTS
Tuesday, January 31, 2023 — 3:00 p.m.

Ulupono Initiative supports SB 973, Relating to Transportation.

Dear Chair Lee and Members of the Committee:

My name is Micah Munekata, and I am the Director of Government Affairs at Ulupono Initiative. We are a Hawai'i-focused impact investment firm that strives to improve the quality of life throughout the islands by helping our communities become more resilient and self-sufficient through locally produced food, renewable energy and clean transportation choices, and better management of freshwater resources.

Ulupono supports SB 973, which requires lessors of rental motor vehicles to incorporate zero-emission vehicles or plug-in hybrid electric vehicles, or both, into the lessor's rental motor vehicle fleets.

Ulupono finds that zero emission vehicles (ZEVs), such as electric vehicles, are an important avenue to address Hawai'i's pressing climate issues and align with the State's energy and environmental goals. ZEVs currently offer an effective option to advance clean, renewable ground transportation and provide immediate benefits to Hawai'i. Establishing ZEV rental fleet transition goals works strongly in conjunction with HB 199, which establishes a zero-emission vehicle fleet purchasing assistance program within the Hawai'i State Energy Office and furthers the State's commitment to clean transportation.

Thank you for the opportunity to testify.

Respectfully,

Micah Munekata
Director of Government Affairs

Investing in a Sustainable Hawai'i



SanHi

GOVERNMENT STRATEGIES

A LIMITED LIABILITY LAW PARTNERSHIP

DATE: January 30, 2023

TO: Senator Chris Lee
Chair, Committee on Transportation and Culture and the Arts

FROM: Matthew Tsujimura

RE: **S.B. 973, Relating to Transportation**
Hearing Date: Tuesday, January 31, 2023 at 3:00 p.m.
Conference Room 224

Dear Chair Lee, Vice Chair Inouye, and Members of the Committee on Transportation and Culture and the Arts

We submit this testimony on behalf of Enterprise Holdings, which includes Enterprise Rent-A-Car, Alamo Rent-A-Car, National Car Rental, and Enterprise Commute (Van Pool).

Enterprise Holdings **opposes** S.B. 973, which would require rental car companies to incorporate zero-emission vehicles in their fleet and to meet a requirement of 30 percent zero-emission vehicles or plug-in hybrid electric vehicles by January 1, 2027, 60 percent by January 1, 2031, and 100 percent by January 1, 2035.

Enterprise is committed to increasing Electric Vehicles (“EVs”) into their rental car fleet. However, to ensure customer experience and satisfaction remain high, Enterprise wants to incorporate EVs in conjunction with increases in EV charging infrastructure.

Given that 85% of renters are tourists, it is unclear where tourists would charge these electric vehicles. Charging stations need to be conveniently available in numerous locations across the islands – airport facilities, hotels, attractions, restaurants, shopping malls and other tourist destinations. As it stands today, these destinations have insufficient capacity and financing available to support the necessary charging infrastructure required to sustain the number of EV vehicles contemplated in the bill. This lack of infrastructure will result in a negative vacation experience for tourists searching for charging stations and experiencing significant waits as their vehicles fully charge.

As a practical matter, the rental car industry is driven by market demand. Rental car companies can offer a selection of vehicles but cannot force customers to rent one type of vehicle. Due to their design and construction, electric vehicles provide small trunk space and are less desirable for tourists vacationing in the islands with multiple pieces of luggage.

In addition, the mandated fleet conversion proposed in this measure does not address the current need for additional charging infrastructure at airport facilities. The new Consolidated Rental Car Facility was not designed to accommodate widespread EV charging conduits. At most, the new facility is only able to support a few charging stations per rental car company, and not entire fleets of rentals at a significant cost to the state. The timeline contemplated by the bill mandates that rental car companies change their entire fleet make up in less than 12 years - at a significant cost due to the higher cost of an electric vehicles compared to traditional gasoline-powered vehicles.

Enterprise is also concerned that one of the stated purposes of this measure is to increase the number of zero-emission vehicles entering the secondary market, thereby making them more affordable for Hawaii residents. This measure incorrectly assumes that rental motor vehicles are sold on the secondary market in Hawaii, when in practice only a small number of rental vehicles are sold here locally.

Enterprise is supportive of the state's efforts to move toward sustainable transportation and has participated in several working groups over the years that were tasked with increasing zero-emission vehicle charging infrastructure. We appreciate the opportunity to continue to engage in productive conversations about ways to increase the availability of charging infrastructure and the growth of the electric vehicles market in a sustainable way without mandating requirements on private business.

For the above reasons, we respectfully oppose this measure and ask that it be held. Thank you for the opportunity to submit this testimony.



Robert Muhs, Esq.

Vice President, Government
Affairs & Counsel

T - 973 496-532

Robert.muhs@avisbudget.com

Senator Chris Lee, Chair
Senator Lorraine Inouye, Vice Chair
Committee on Transportation and Culture and the Arts

Tuesday, January 31, 2023; 3:00 p.m.
Conference room 224 & Videoconference

RE: SB 973 Relating to Transportation – In Opposition

Aloha Chair Lee, Vice Chair Inouye and members of the committee:

My name is Robert Muhs, Vice President, Government Affairs & Counsel for Avis Budget Group. Avis Budget Group is opposed to SB 973 as written, which requires lessors of rental motor vehicles to incorporate zero emission vehicles or plug-in hybrid electric vehicles, or both, into the lessor's rental motor vehicle fleets.

Avis Budget Group is aligned with the UN Sustainable Development Goals in climate change by advancing low carbon mobility solutions and community resilience. While we are incorporating electric vehicles into our fleet, a well-defined charging station infrastructure is needed; meaningful incentives to assist in the deployment of chargers and improved consumer awareness about how to use them and how long they can drive between charges. Ideally, we would like to have dedicated rental car chargers, preferably fast level 3 charges, at locations, including airports. Consumers do not want to be inconvenienced with lack of an available port and waiting for a significant period of time to charge.

Until the appropriate charging infrastructure is established, achieving the specific schedule outlined in the bill is problematic.

For the above reasons, we ask that you hold this measure. We would like to collaborate with you on incentives to advance the bill's intent. Thank you.

SB-973

Submitted on: 1/29/2023 8:42:25 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Steve Parsons	Testifying for Kauai Climate Action Coalition	Support	Written Testimony Only

Comments:

Aloha Trusted Leaders,

Rental Fleets should be mandated to add as many EVs as possible to their Fleets and discourage rental of large gas guzzling SUVs and trucks. They should also encourage all renters not to idol there vehicles! Please vote YES on this one!

Mahalo,

Steve Parsons, Kauai Climate Action Coalition!

Hanapepe Kauai

January 30, 2023



Senator Chris Lee, Chair
Senator Lorraine R. Inouye, Vice Chair
Committee on Transportation and Culture & Arts
Tuesday, January 31
3:00pm
via Video Conference

RE: SB973 Relating to Transportation (STRONG SUPPORT)

Dear Chair Lee, Vice Chair Inouye & Committee Members,

Chamber of SUSTAINABLE Commerce testifies in STRONG SUPPORT of SB973. As business owners who believe we can strengthen our economy without hurting employees, consumers, communities or the environment, we urge this committee to vote in favor of passing SB973, which will reduce the release of carbon into our environment by requiring lessors of rental motor vehicles to incorporate zero-emission vehicles or plug-in hybrid electric vehicles, or both, into the lessor's rental motor vehicle fleets.

Hawaii will not be able to reach its carbon reduction goals if we do not enact policies that support these outcomes. The rental car industry has had ample time to reduce the amount of carbon by product its business model generates. Unfortunately, there has only been minimal action to increase its fleet of zero-emission cars. Decisions regarding the purchasing of rental car fleets and calculating their loss of value will need some lead time; Hawaii cannot put off giving these rental car companies clear notice of the mandates they must conform to if they are to continue to profit by doing business in Hawaii.

Hawaii is the perfect geography for speeding up this mandate as our islands provide a natural limitation on the maximum distance a vehicle can travel. The shift in energy needs for recharging the increased number of zero-emission vehicles will stimulate greater investment in PV, micro-wind and other alternative energy projects on each island.

Furthermore, the purchasing power of the rental car industry is so immense that it could bring down the price of zero-emission vehicles for individual consumers across the country and have an exponential effect on bringing down carbon emissions.

Hawaii Legislative Council	Maile Meyer Na Mea Hawaii Honolulu	Russel Rudderman Island Naturals Hilo / Kona	Tina Wildberger Kihei Ice Maui	Joell Edwards Wainiha Country Market Kauai	Kim Coco Iwamoto AQuA Rentals, LLC Honolulu
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SENATE COMMITTEE ON TRANSPORTATION AND CULTURE AND THE ARTS

January 31, 2023, 3:00 PM

Room 224

TESTIMONY IN SUPPORT OF SB 973

Aloha Chair Lee, Vice Chair Inouye, and Committee members:

Blue Planet Foundation **supports SB 973**, which requires that an increasing percentage of rental cars in Hawai'i be zero-emission vehicles (ZEVs) until the rental fleet is entirely comprised of ZEVs. **The rental car industry operates the state's largest vehicle fleets**, and the frequent turnover of the vehicles (estimated to be about 13 months) means the potential for far more ZEVs entering the secondary market at a discounted cost, allowing more Hawai'i residents to experience the benefits of ZEVs and help Hawai'i reach its climate goals faster.

Hawai'i's visitor industry must embrace a clean energy future

Although Hawai'i has made substantial progress on policies, programs, and actions to reduce burning fossil fuels in the electricity sector, we are falling short on decarbonizing our ground transportation sector. As the operator of the state's largest vehicle fleets, there is an enormous opportunity for the rental car industry to play an integral role in achieving Hawai'i's ambitious climate and decarbonization goals.

The national rental car industry has already begun a massive transition to electrify their rental vehicle fleets. In October 2021, Hertz announced a \$4.2 billion deal to purchase 100,000 fully electric vehicles by the end of 2022, with Enterprise Holdings and Avis Budget Group announcing their own plans to transition away from gasoline-powered cars.¹

Locally, we have seen impressive steps by tour bus companies, like JTB and E Noa, to move towards electric transportation. In 2019, Blue Planet worked with JTB and Hawaiian Electric to bring the first electric tour buses to Hawai'i. Blue Planet organized an art contest with keiki across the state, and each of the buses featured the winning illustrations from students that depicted their vision of a clean transportation future. These companies stepped out as leaders on the transition and we hope to see rental car fleets following suit.

¹ Woods, Bob. "How the Massive EV transition is starting in the car rental industry." *CNBC*, JUNE 2022. (<https://www.cnbc.com/2022/06/18/how-the-massive-ev-transition-is-starting-in-the-car-rental-industry.html>).

These actions represent a shift towards sustainable and regenerative tourism. The visitor industry has an unprecedented opportunity to rise to meet the challenge of climate change and transform substantially in order to be sustainable, both economically and environmentally. The industry must be part of, and not exempted from, Hawai'i's clean energy future.

Governments and automakers are already planning for an electric future—the visitor industry should, too

The volume and model types of zero-emission electric vehicles coming onto the market are expected to dramatically increase in the next three to five years due to falling battery costs and EV-incentivizing policies across the country and the globe. In August 2022, the California Air Resources Board approved regulations that require all new cars, passenger trucks, and SUVs sold in California to be zero-emission vehicles by 2035—a policy stemming from California Governor Gavin Newsom's executive order announcing the intended policy just two years prior. Other states—like Washington, Massachusetts, New York, Oregon and Vermont—are poised to follow California's lead.

Recognizing the forthcoming shift in demand, auto manufacturers are similarly making bold commitments to phase out fossil-fuel-powered vehicles. General Motors—one of the world's largest automakers—announced in January 2021 that it would phase out petroleum-powered cars and trucks and sell only vehicles that have zero tailpipe emissions by 2035. Ford recently launched all-electric versions of some of its most popular vehicles, like Mustang Mach-E and F-150 Lightning. Volkswagen is targeting electric options for all of its vehicle models by 2030. Volvo plans to phase out gas engines in all its cars by 2030. Honda will phase out all gas cars and only sell electric and fuel cell vehicles by 2040.

Stimulating a secondary market of quality, affordable ZEVs

While there are no publicly available figures on the total number of rental cars on Hawai'i's roadways, some have estimated the number to be around 34,000, which would make rental cars by far the largest vehicle fleets in the state.

Additionally, due to proprietary nature of the rental car business, there is no publicly available data on the average turnover rate for rental car fleets in Hawai'i; some national estimates put the average turnover time at around 13 months.² By any estimates, however, incorporating meaningful ratios of ZEVs into rental car fleets could translate into thousands of more ZEVs entering the secondary vehicle market each year. This would mean that many more of Hawai'i's residents could afford to buy a ZEV, reducing their carbon footprints and lowering their transportation costs.

² The Motley Fool, *Surprising Facts about the Rental Car Industry*, <https://www.fool.com/investing/general/2012/07/13/surprising-facts-about-the-rental-car-industry.aspx>.

Conclusion

Blue Planet Foundation believes that zero-emissions vehicles, like battery electric vehicles and hydrogen fuel cell vehicles, will play a pivotal role in helping to achieve Hawai'i's decarbonization goals. Senate Bill 973 will help ensure that the rental car industry plays an active role in creating a cleaner, brighter future for Hawai'i and moving us closer to a model of sustainable and regenerative tourism.

Thank you for the opportunity to provide testimony.



To: The Senate Committee on Transportation and Culture and the Arts (TCA)
From: Sherry Pollack, 350Hawaii.org
Date: Tuesday, January 31, 2023, 3:00pm

In strong support of SB973

Aloha Chair Lee, Vice-Chair Inouye, and TCA Committee members,

I am Co-Founder of the Hawaii chapter of 350.org, the largest international organization dedicated to fighting climate change. 350Hawaii.org is in **strong support of SB973** that would require lessors of rental motor vehicles to incorporate zero-emission vehicles into the lessor's rental motor vehicle fleets. We are respectfully offering some suggested amendments to this measure.

Incorporating large numbers of zero-emission vehicles into rental motor vehicle fleets would significantly reduce carbon emissions, increase the number of zero-emission vehicles entering the secondary market, making them more affordable to more Hawaii residents, and demonstrate to all who visit the State that Hawaii is a leader in clean energy and sustainable transportation. This transition will help us reach our climate goals, especially when paired with a renewable energy grid.

With regards to “plug-in hybrid electric vehicles,” the legislature has the opportunity—and the power—to mandate very significant use of **real** zero-emission vehicles with this bill. Don't water it down by allowing sort-of-clean vehicles. Rental car companies will have to buy many new cars to comply with SB973; they should buy fully electric or hydrogen ones, not ones that will perpetuate our embarrassingly high percentage of imported fossil fuels.

Secondly, the definition of "Hydrogen fuel cell vehicle" should specify hydrogen made from renewable sources. Hydrogen can be produced in many ways, including by burning fossil fuels.

Zero-emission vehicles are better for the environment and the economy, and can help Hawaii's electric utilities achieve 100% renewable electricity. They are the future for Hawaii and rental car fleets are the most logical place to accelerate progress on EV adoption statewide. It must be noted, however, that the mandates put forth in this legislation have been proposed for several years, yet due to push-back from short-sighted special interests, action has been delayed. Yet climate change is very much upon us. In 2021, this legislature officially declared a climate emergency. Furthermore, the UN IPCC report makes clear we have kicked the can down the road for far too long and must take immediate responsibility for the damage we've already done. In order to reach Hawaii's sustainable transportation and climate goals, we have to electrify ground transportation on our islands as soon as possible. This measure, with the suggested amendments, is an effective means to do that.

Mahalo for the opportunity to testify in **strong support** of this important legislation.

Sherry Pollack
Co-Founder, 350Hawaii.org

SB-973

Submitted on: 1/29/2023 12:28:26 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Sara DiGrazia	Individual	Support	Remotely Via Zoom

Comments:

Dear Senators,

My name is Sara DiGrazia. I am a kama'aina resident of Kailua and mom of two precious children who speak frankly of not having children due to their *supported* fears regarding climate change. Thank you for your attention to SB973 and considering the encouragement of more sustainable rental cars! Any movement toward more sustainable transportation is a movement toward a livable planet for seven generations.

Thank you,

Sara DiGrazia, Psy.D.

SB-973

Submitted on: 1/29/2023 12:33:40 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Taylor Roberts	Individual	Support	Written Testimony Only

Comments:

Thank you for considering SB973!

SB-973

Submitted on: 1/29/2023 1:31:37 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Douglas Perrine	Individual	Support	Written Testimony Only

Comments:

I support SB973

SB-973

Submitted on: 1/29/2023 3:54:43 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Helen Cox	Individual	Support	Written Testimony Only

Comments:

Please suport this bill. Given our reliance on rental vehicles and the tourist economy, this is an essential bill to reducing greenhouse emissions!

SB-973

Submitted on: 1/29/2023 3:58:17 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
John NAYLOR	Individual	Support	Written Testimony Only

Comments:

Aloha,

I support this.

JN Makawao

SB-973

Submitted on: 1/29/2023 4:33:15 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
David Dinner	Individual	Support	Written Testimony Only

Comments:

I am very much in favor of this idea, but it must be crafted in such a way that the guidelines are clear and will have the desired result. As it is, zero emission rentals that are available are usually priced so high that they are impractical to rent. Is there a way to offset the price discrepancy?

SB-973

Submitted on: 1/29/2023 11:26:59 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Cory Harden	Individual	Support	Written Testimony Only

Comments:

Aloha legislators,

Please support SB973 Rental Motor Vehicles; Zero-emission Vehicles; Plug-in Hybrid Vehicles. Rental cars make up the biggest vehicle fleets in the state. Rentals are sold after a few years, so large numbers of zero-emission rentals would end up in residents' garages.

mahalo, Cory Harden

SB-973

Submitted on: 1/30/2023 2:01:45 AM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
C. Vierra	Individual	Support	Written Testimony Only

Comments:

I support SB 973. Rental cars represent the largest vehicle fleets in Hawaii. Policies that expedite the transition of ZEVs into rental car fleets will not only decrease the carbon footprint of the visitor industry, but due to the high frequency of fleet turnover, could translate into a huge influx of ZEVs into the secondary market, making them affordable for far more Hawaii residents.

SB-973

Submitted on: 1/30/2023 5:36:29 AM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Daniela Escontrela	Individual	Support	Written Testimony Only

Comments:

I am in VERY STRONG SUPPORT of this bill. Rental cars represent the largest vehicle fleets in Hawaii. Policies that expedite the transition of ZEVs into rental car fleets will not only decrease the carbon footprint of the visitor industry, but due to the high frequency of fleet turnover, could translate into a huge influx of ZEVs into the secondary market, making them affordable for far more Hawaii residents.

SB-973

Submitted on: 1/30/2023 9:10:15 AM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
tlaloc tokuda	Individual	Support	Written Testimony Only

Comments:

Aloha TCA Chair, Vice Chair & Committee,

I support [SB973](#) because Zero-emission vehicles are better for the environment, the economy and the people of Hawaii and the world. The rental car industry operates the state’s largest vehicle fleets and the frequent turnover of the vehicles (to the general public) would translate into far more ZEVs entering the secondary market, allowing many more Hawaii residents to participate in the benefits of ZEVs.

SB973 is a good way to introduce more people (who rent the) ZEVs. Once the cars are sold on the used ZEV market, locals can enjoy the ZEV which would reduce the carbon foot print of Hawaii’s car fleet increase the number of zero-emission vehicles entering the secondary market, making them more affordable to more Hawaii residents, and demonstrate to all who visit the State that Hawaii is a leader in clean energy and sustainable transportation.

Governments and corporations must create policies that incentivize the purchase of ZEVs. We all must find ways to decarbonization our transportation sector so that we can meaningfully contribute to climate action and pave the way to energy independence. The electrification of transportation is an important way to accomplish this.

Rental cars represent the largest vehicle fleets in Hawaii. Policies that expedite the transition of ZEVs into rental car fleets will not only decrease the carbon footprint of the visitor industry, but due to the high frequency of fleet turnover, could translate into a huge influx of ZEVs into the secondary market, making them affordable for far more Hawaii residents. SB973 assist this process,

Mahalo for your consideration,

Tlaloc Tokuda

Kailua Kona, 96740

SB-973

Submitted on: 1/30/2023 12:32:37 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
ANDREW ISODA	Individual	Support	Written Testimony Only

Comments:

- Incorporating large numbers of zero-emission vehicles into rental motor vehicle fleets would significantly reduce carbon emissions, increase the number of zero-emission vehicles entering the secondary market, making them more affordable to more Hawaii residents, and demonstrate to all who visit the State that Hawaii is a leader in clean energy and sustainable transportation.

- We must be more aggressive in the decarbonization of our transportation sector so that we can meaningfully contribute to climate action and pave the way to energy independence. The electrification of transportation is an important way to accomplish this.

- Rental cars represent the largest vehicle fleets in Hawaii. Policies that expedite the transition of ZEVs into rental car fleets will not only decrease the carbon footprint of the visitor industry, but due to the high frequency of fleet turnover, could translate into a huge influx of ZEVs into the secondary market, making them affordable for far more Hawaii residents.

SB-973

Submitted on: 1/30/2023 3:01:31 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Keith Neal	Individual	Support	Written Testimony Only

Comments:

Rental cars represent the largest vehicle fleets in Hawaii. Policies that expedite the transition of zero-emission vehicles into rental car fleets will not only decrease the carbon footprint of the visitor industry, but due to the high frequency of fleet turnover, could translate into a huge influx of zero-emission vehicles into the secondary market, making them affordable for far more Hawaii residents.

SB-973

Submitted on: 1/30/2023 3:47:27 PM

Testimony for TCA on 1/31/2023 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Shannon Rudolph	Individual	Support	Written Testimony Only

Comments:

Support