

From: [Michelle Melendez](#)
To: [WPCtestimony](#); [LPCtestimony](#)
Subject: EV's are dangerous Plz take them out of General Plan 2045
Date: Saturday, December 7, 2024 10:52:18 AM
Attachments: [EV House.pdf](#)
[EBus on Fire.png](#)
[Amazon EV Van Fire.png](#)
[Fire Cheif and EV Fires.png](#)

Aloha Commissioners,

Mahalo for reading my testimony on Electric vehicles. They must be removed from the plan from pages: 66, 70, and 106,

Electric Vehicle Batteries Are A Toxic Hazard Waste

From: [science.org](https://www.science.org) on MAY 20, 2021 it reads:

Materials expert Dana Thompson stated, "Recycling Electric Car batteries is a hazard." "Cut too deep into a Tesla cell, or in the wrong place, and it can short-circuit, combust, and release flammable toxic fumes." <https://www.science.org/content/article/millions-electric-cars-are-coming-what-happens-all-dead-batteries#>

We cannot put these batteries in our landfill or down a lava tube. If they break **toxic fumes** will be released.

Electric vehicles (EVs) are expected to last 100,000 to 200,000 miles, or about 15 to 20 years. What will we do with the batteries in 15-20 years?

They are hazardous waste. Where will we put them?

Electric Vehicles Are a Fire Hazard

Fire Chief Jeff Baumunk said, "Electric Vehicle fires can take more than 2 hours to put out and between 2,500 to 25,000 gallons of water. <https://youtu.be/K5vDWhMHTwE?si=jqOsHNmFCC63U2Sn>

July 20, 2023 Electric Vehicle caught fire in a garage on the mainland and couldn't be put out in time to save the house. https://youtu.be/SlpXkQhq1ps?si=dNE-8kY_-98FDdDc

Aug 29, 2024 50+ Electric Vehicles caught fire in Illinois at an automotive plant. <https://youtu.be/aKFaudtDkOc?si=pPkAH7mGNWAgvnpv>

Some electric vehicle fires have been from the charging station and not the battery. They even put out fire jet streams. An Amazon electric van, and a fully electric bus

fire have had fire jets coming out of them. I've attached the images.

An expert said one reason for long jet flames could be from a 12 volt ion battery failing or from holes in the battery box allowing gases to vent out. There is gas not liquid in the battery.

MAY 10, 2022 A shipping expert says there have been about 70 fires reported in the last five years on container ships. The problem with EVs, is that lithium-ion batteries can actually propagate the fire, igniting more vigorously as compared to conventional cell batteries. <https://www.autoweek.com/news/industry-news/a39951439/is-it-safe-to-ship-thousands-of-electric-cars-on-big-ships/>

These vehicles will stress our already strained electric grid. How is that sustainable?

The range on an electric bus is 300 miles. The range of a gas bus is 750 miles. More than twice as many miles. **Without the risk of burning people alive!**

Electric buses take a ton of energy, as much, or more than an average home. Semi Trucks even more. The buses and semi trucks could take up the entire electric grid! **Plus, 2-3 more electric grids!**

Hawaii has the highest electric rates in the country. This plan will increase that per household **by hundreds** of dollars per month, if people have electric cars.

What happens if and when the power grid goes down?

How will people get to work or go to the hospital if there is an emergency?

It's an illusion that we're burning less oil to fuel electric cars. We are actually **using more oil to make the electricity** to fuel the cars.

Our electric power plants run on oil and will need to be **expanded** to supply the amount of electricity we'll need for EV's on the island.

Mining Cobalt for Electric Vehicles Poisons People

The people that mine the cobalt used in electric vehicles work in toxic and dangerous conditions. Do we want to be a part of that problem?

People can't get out if the battery turns off!

On Mar 13, 2024 Businesswoman Angela Chao lost her life after backing her Tesla into a pond and the car turned off. There are many examples of people not being able to get out of the car if the battery turns off. If the car catches fire and the battery turns off, they are dead.

Hawaii is already supporting the planet!

We don't use more carbon than we make oxygen. Our island sequesters more carbon than we produce because of the plants. We're already saving the planet with all our plants.

To be more sustainable do not bring these dangerous, poisonous cars, buses and trucks to this island that further impact our electric grid.

These electric vehicles must be removed from the general plan.

Kind Regards,

Michelle Melendez-Freedom Activist

Fitness and Wellness Expert Since 1996

Author Of The Best Selling and 4x Award Winning Book,

End Dieting Hell: How to find peace in your body and release the weight

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DURATION: 2+ HRS
WATER NEEDED: 2,500-25,000 GAL