

Antonia Hover

From: Office of Commissioner Passidomo
Sent: Monday, January 8, 2024 10:04 AM
To: Commissioner Correspondence
Subject: Docket No. 20240000
Attachments: EV's will be a massive grid battery in the future

Please place the attached in Docket No. 20240000.

Thank you!

Antonia Hover

From: Shauna Junco <sjuncopharmd@gmail.com>
Sent: Thursday, January 4, 2024 9:12 AM
To: Office of Commissioner Passidomo
Subject: EV's will be a massive grid battery in the future

Follow Up Flag: Flag for follow up
Flag Status: Flagged

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Dear Commissioner Passidomo,

I'm a Clinical Infectious Diseases Pharmacist who is alarmed at the lack of action addressing the current public health threats of climate change and air pollution. Climate change and its main driver, the burning of fossil fuels, are issues the medical community recognizes that we need to address now.

In 2023, more than a million electric vehicles were sold in the US alone. Right now, companies like Tesla are shifting production to more affordable vehicles like the Model 2. In China, the BYD Seagull seats 4 and has a range of over 200 mi, all for less than \$12,000.

When electric cars are cheaper than internal combustion engines, the market will rapidly move to EVs. As a result, the grid will have a huge virtual battery available to it. During peak demand in the evening, a time when the sun isn't shining, the grid could draw energy off the electric vehicles. After midnight, there would be plenty of time for the vehicles to be completely charged.

<https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.ovoenergy.com%2fguides%2felectric-cars%2fvehicle-to-grid-technology&c=E,1,iK3ult8DJKXK3FUu1EgLZWcYG7cWFCfNCXJhXj9Nip5iyvQ88mMr94ZePDiR3vIkX7RFjHftg10b2md-ztNnZPTIcIZIfuUr6IShXLW9jvTm&typo=1>

This will greatly decrease the need for grid level batteries and at very low cost. Consumers could even be paid for allowing the electric company to use their car batteries in this fashion.

The renewable future is close. Continued investment in fossil fuels is a fool's errand not just environmentally, but also economically.

Sincerely,

Shauna Junco

Orlando, Florida

Sent from my iPhone