

**Charlie Smith**

**From:** Betty Leland  
**Sent:** Thursday, January 4, 2024 1:32 PM  
**To:** Commissioner Correspondence  
**Subject:** FW: EV's will be a massive grid battery in the future

Good Afternoon:

Please place this email in Docket #20240000.

Thanks.

Betty A. Leland, Executive Assistant to Commissioner Art Graham Florida Public Service Commission  
bleland@psc.state.fl.us  
(850) 413-6024

-----Original Message-----

From: Shauna Junco <sjuncopharmd@gmail.com>  
Sent: Thursday, January 04, 2024 9:11 AM  
To: Office of Commissioner Graham <Commissioner.Graham@PSC.STATE.FL.US>  
Subject: EV's will be a massive grid battery in the future

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Dear Commissioner Graham,

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,YVdsRqRfDuyu5BISTBXY76G1E3ulqyfE34oMpaebjesBFUC\\_oM2GVt156yVMXvYuS1RgzMQi628ssLCH8hBMz3Mfz-P6NjtlAsOdOKw-YZO-tw,,&typo=1](https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.ovoenergy.com%2fguides%2felectric-cars%2fvehicle-to-grid-technology&c=E,1,YVdsRqRfDuyu5BISTBXY76G1E3ulqyfE34oMpaebjesBFUC_oM2GVt156yVMXvYuS1RgzMQi628ssLCH8hBMz3Mfz-P6NjtlAsOdOKw-YZO-tw,,&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