Yvette Gillespie

From: Office of Commissioner Passidomo
Sent: Monday, December 18, 2023 8:46 AM
To: Commissioner Correspondence
Subject: Docket No. 20230000
Attachments: liquid metal batteries

Please place the attached in Docket No. 20230000.

Thank you!

Yvette Gillespie

From: nygm <jrmbnym@gmail.com>
Sent: Sunday, December 17, 2023 2:43 PM
To: Office of Commissioner Passidomo
Subject: liquid metal batteries

Dear [RecipientTitle] Passidomo,

In the last 10 years, the price of batteries has dropped 87%. Can the same thing happen in the next 10 years?

Consider the liquid metal battery by Ambri. Invented by Dr. Sadoway of MIT, it received the EU's award for best patent this year. When inert antimony, calcium, and salt are heated to a molten state, gravity separates them into a battery!

It is cheaper to manufacture with its inexpensive components, and simpler to build and maintain than lithium batteries. Already, Microsoft, a utility in Aurora, Colorado, and a database center near Reno, Nevada are building facilities using these batteries.

Best of all, in 2021 Dr. Sadoway published a paper describing how the price per kilowatt-hour for the liquid metal battery will soon drop to $21. With grid-level batteries at this price point, fossil fuels will not be able to compete.

To learn more, go to https://ambri.com/ or

https://www.youtube.com/watch?v=9qCo4vslpQ0

The bottom line: better, cheaper, cleaner energy technology is coming fast. We don't need to invest in any new fossil fuel infrastructure. Both environmentally and economically, renewable energy and battery storage is the clear winner.

Sincerely,

R B

Palm Bay, Florida