

Charlie Smith

From: Office of Chairman La Rosa
Sent: Thursday, May 30, 2024 2:41 PM
To: Commissioner Correspondence
Subject: Docket Correspondence - 20240000
Attachments: In Rust We Trust; In Rust We Trust

Good afternoon,

Please place the attached emails in CORRESPONDENCE – Consumers & Representatives in docket 20240000.

Thank you.

Charlie Smith

From: Rachael Ignatoff <rachymom@comcast.net>
Sent: Wednesday, May 29, 2024 3:35 PM
To: Office of Chairman La Rosa
Subject: In Rust We Trust

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

Dear [RecipientTitle] LaRosa,

I'm a mother who just wants a livable future for me and my generation.

Economists say that if the price of grid storage drops to \$20/kWh, fossil fuels will not be competitive with renewables. That is now on the verge of happening with a battery based on rust!

https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fsingularityhub.com%2f2023%2f01%2f11%2fform-energys-new-factory-will-churn-out-iron-air-batteries-for-grid-scale-storage%2f&c=E,1,QpOB1ajoHxJDND9_N6AZFoyMm-Tctk_N5Uws_mQEEj--kzAz9PvJJuYxN4ycYxnWntbXFWf1mNWuGBzESEg0zzxyortRagQu5JNvwheatMT3-ZUZuKlj6R0hD68Rn&typo=1

Form Energy's iron-air battery offers low cost (\$20/kWh), long duration (100-150 hours), safety (non-flammable), and recyclability. All of these are key advantages over lithium-ion batteries for grid-scale energy storage. It can store energy for 100 hrs. However, it has lower efficiency (50% vs. 95%), slower charging, and larger size/weight than lithium batteries.

Although rust batteries are less efficient (50% vs. 95%), that doesn't matter in places like California and Texas, where there is a surplus of renewable energy. And as solar and wind get cheaper, there will be more and more states in this situation.

The upshot? New fossil fuel infrastructure is a bad investment - not just for ecologically, but financially. No new fossil fuel infrastructure, period!

Sincerely,

Rachael Ignatoff

Boca Raton, Florida

Sent from my iPhone

Charlie Smith

From: julie long <jl525174@gmail.com>
Sent: Thursday, May 30, 2024 9:23 AM
To: Office of Chairman La Rosa
Subject: In Rust We Trust

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

Dear [RecipientTitle] LaRosa,

I'm a physician who is concerned about the adverse affects on people's physical and mental health from climate change and environment degradation

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https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fsingularityhub.com%2f2023%2f01%2f11%2fform-energys-new-factory-will-churn-out-iron-air-batteries-for-grid-scale-storage%2f&c=E,1,o5YOlkne0UR4_CStCQw_8_X-ueiGxBz3AGsheoqGTYNZggI5daOlKyFyZE21TtQqvZgXzm9eA3d2W8Bzlo0yEprLDtnOKc5zxqls0KYvaxrDZhdrw,,&typo=1

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The upshot? New fossil fuel infrastructure is a bad investment - not just for ecologically, but financially. No new fossil fuel infrastructure, period!

Sincerely,

Julie Long

Plantation, Florida

Sent from my iPhone