

Charlie Smith

From: Office of Commissioner Fay
Sent: Wednesday, May 29, 2024 2:26 PM
To: Commissioner Correspondence
Subject: Docket No. 20240000
Attachments: In Rust We Trust; In Rust We Trust; In Rust We Trust

Please place the attached emails in Docket No. 20240000

Thanks

Charlie Smith

From: Corinne Woodland <woodlandcorinne@gmail.com>
Sent: Tuesday, May 28, 2024 2:07 PM
To: Office of Commissioner Fay
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 Chairman Fay,

I'm a mother who fears for my family in a warming world.

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,1,4gVgn29VLx19cdZ_chFSxOSWsEYsPyBs1T2xTh9HoBqdsP7vP0rXfrmOfPz_IMwcv1aJBy4Qe-1OxbNGykM029i2Hi8RRr5NvRp_5f_QL5TYhjID&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,

Corinne Woodland

Bradenton, Florida

Sent from my iPhone

Charlie Smith

From: Leslie Frick <the.fricks@me.com>
Sent: Saturday, May 25, 2024 10:29 AM
To: Office of Commissioner Fay
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 Chairman Fay,

I'm a grandmother who is dedicated to creating a safe, healthy and just future for all.

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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,R8PvBNHpsUhrhbiXhVM2pBxFkViPevmTiXGt1nztrFQyIMuVWTqc5rvKaHVwofo56uK3Xk1LsVR5y7Bx2sV_YuTodIBBdD0zq2nBmzYNLaA18_CXKds,&typo=1

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Sincerely,

Leslie Frick

Ft. Myers Beach, Florida

Sent from my iPhone

Charlie Smith

From: kksutherla@aol.com
Sent: Friday, May 24, 2024 1:44 PM
To: Office of Commissioner Fay
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 Chairman Fay,

I'm a physician who fears for my family in a warming world.

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://singularityhub.com/2023/01/11/form-energys-new-factory-will-churn-out-iron-air-batteries-for-grid-scale-storage/>

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Sincerely,

Katherine Sutherland, MD

Winter Haven, Florida

[Sent from AOL on Android](#)