

Brian Schultz

From: Office of Commissioner Passidomo
Sent: Monday, June 28, 2021 3:03 PM
To: Commissioner Correspondence
Subject: Fwd: Docket No. 20200181; Modernize Florida's outdated energy savings practices

Please please the following in Docket No. 20200181.

Thank you!

Katherine E. Fleming
Chief Advisor to Commissioner Passidomo
Florida Public Service Commission
[2540 Shumard Oak Boulevard](#)
[Tallahassee, FL 32399](#)
[\(850\) 413-6028](#) (Office)

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Sent from my iPad

Begin forwarded message:

From: Claude Gerstle <Cgerstle@everyactioncustom.com>
Date: June 28, 2021 at 10:18:52 AM EDT
To: Office of Commissioner Passidomo <Commissioner.Passidomo@psc.state.fl.us>
Subject: Docket No. 20200181; Modernize Florida's outdated energy savings practices
Reply-To: Cgerstle@alum.mit.edu

Dear Commissioner Gabriella Passidomo,

I wanted to add some additional comments to the letter I sent yesterday Docket No. 20210015 : the MIT model to reduce global carbon dioxide emissions shows that improving building efficiency is one of the screen most effective things that we can do. Florida's current roles written before the age of smart metering and broad information technology. The utility companies can now easily gather the information on energy per square foot sold to residential and commercial buildings and not effectively pinpoint customers who could benefit most from an energy audit and help reducing their energy demand.

It's very important that we do not build new fossil fuel plants, even high-efficiency combined cycle gas plants because we will be stuck with their sunk costs in less than 25 years. With new wind turbine technology and higher towers Florida has significant offshore wind potential in the Northeast part of the state and even some onshore sites in the area east of Tampa. Long-term storage is now possible in the form of flow batteries which are now marketed in the US as well as production of hydrogen by electrolysis. Because of Florida's great length hydrogen as is now being developed by FPL on a demonstration plant near Lake Okeechobee will probably be

necessary in Florida certainly for long distance and probably much regional trucking providing an additional revenue stream for the utilities to make up for lost revenue from more efficient buildings.

Sincerely,
Claude Gerstle
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Cgerstle@alum.mit.edu