

Brian Schultz

From: Office of Commissioner La Rosa
Sent: Monday, June 28, 2021 10:45 AM
To: Commissioner Correspondence
Subject: FW: Docket No. 20200181; Modernize Florida's outdated energy savings practices

Good morning,

Please place the email below in CORRESPONDENCE-Consumers & Representatives in docket 20200181.

Thank you,

Cristina Slaton
Executive Assistant to Commissioner La Rosa Phone ~ 850.413.6018 cslaton@psc.state.fl.us

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

From: Cgerstle@everyactioncustom.com <Cgerstle@everyactioncustom.com>
Sent: Monday, June 28, 2021 10:19 AM
To: Office of Commissioner La Rosa <Commissioner.LaRosa@psc.state.fl.us>
Subject: Docket No. 20200181; Modernize Florida's outdated energy savings practices

Dear Commissioner Mike La Rosa,

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