

JUN 09 2023

PUBLIC SERVICE
COMMISSION

From: Roxanne Sturtevant [REDACTED]
Sent: Friday, June 9, 2023
To: PSC Executive Director <PSCED@ky.gov>
Subject: case number 2022-00402

This Message Originated from Outside the Organization

[Report Suspicious](#)

You have not previously corresponded with this sender.

Increase Solar to 4,200MW Initiative

LGE/KU is asking to replace coal generation with natural gas power plants. I am against this plan for many reasons.

- The cost of natural gas is highly variable and the costs are directly passed on to the consumer resulting in high prices last winter and in the future as demand increases..
- There is a high cost to transitioning to natural gas in terms of building out the power plants and pipeline infrastructure.
- There is additional cost when pipelines and storage facilities leak methane into the environment, as they do at Doe Run and nearly all NG facilities..
- There are continuing costs to operate these plants that are passed on to customers.
- Solar panels also have an installation cost, but no ongoing operational costs, no fuel cost that will vary with supply and demand, no environmental cost through leakage or burning fossil fuels.
- Transmission by solar panels does not involve the cost of installing and maintaining pipelines. Instead transmission by solar power means improving the "smart grid," an advantage in that it gives two way information to the producer and consumer to increase reliability and minimize usage at times of peak demand.
- Solar panels, with battery storage, is the modern and best technology for the future in terms of cost, reliability, and least harm to the environment. Why settle for anything less than the best for our state?
- Where is the cost comparison study for building an additional 1,242MW of solar, and sufficient battery storage to meet demand?
- As new companies move to Kentucky they build solar generation to supply their plants through power purchase agreements. They have done the math to know that these will be the least cost alternatives. Why should our citizens pay more and suffer the burden of environmental damage to maintain an antiquated energy delivery system?

My name is Roxanne Sturtevant and I reside at 3712 Trail Ridge Road, Louisville KY 40241