

AUG 04 2023

From:
To: [PSC Executive Director](#)
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Commissioners Chandler, Hatton, and Regan,

Thank you for the opportunity to comment on Case # 2022-00402. I do not support the plan from LGE-KU to build two new NG power plants. I have listed below some potential problems with this plan:

- It seems unlikely we will be able to burn fossil fuels to generate electricity for the next 40 years. Will the utilities take the risk of the stranded assets, or will the ratepayers be stuck with this bill as well as funding their replacement? Why not skip the middle step and go right to a more sustainable option?
- The price of natural gas is variable and likely to go up in the coming years. The future carbon cost is unknown but could be significant. Will the utility take on these risks, or again, will the rate payers be stuck funding these costs. By contrast, The price of sunlight and wind remain unchanged, at free.
- With every year comes more evidence that continuing to burn fossil fuels is having harmful impacts on our climate and health. We need to get started stopping the GHG emissions, In fact we should have started stopping 20 years ago.

I had solar installed in 2018, since that time I have made more energy than I have used. I don't have to dig up and shovel coal into this system nor do I need to extract and pipe in NG to the panels. I don't do anything, the system just sits there and makes power. I don't understand why there is not a more widespread usage. The sun doesn't always shine brightly here in Kentucky, but it does rise up every morning and set in the evening. Sure, 100% of our power from solar is not feasible, but combine some solar with other renewable generation, add in some storage as well as interconnection with the larger grid and we can get really close at a reasonable cost.

It's time we get some innovation and cooperation with our electricity providers:

- Solar canopies for parking lots are a great idea, Who doesn't want covered parking? We could leave a few spots uncovered for those folks.
- Storage is key to maximizing renewable power generation. LGE-KU should be implementing not just proven strategies like Pumped hydro and Batteries, but mechanical and thermal storage possibilities.
- During times of excess generation why not produce green hydrogen to sell to the transportation industry.
- EV's are coming, within 10 years there will be an enormous amount of battery storage

available in driveways, garages and parking lots across Kentucky. What are the utilities doing to partner with the EV owners to take advantage of all of this existing storage capacity.

Today we have better options than building new GHG emitting power plants, and even better opportunities will likely come in the future.

Thanks for your time and consideration,

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