

To the Chair, the Ranking Member and Members of the Committee,

Thank you for taking time to read my testimony. Ohio has what most states do not have as a resource for large scale climate stabilizing energy, namely the wind corridors in northwestern Ohio, along the shores of Lake Erie, and off shore Lake Erie. Wind energy is not new and is growing in other states and countries because it is proven safe, effective, dependable, and greenhouse gas emission free. Yet Ohio is not pursuing this energy option and instead puts roadblocks to its development by requiring the country's largest setback of turbines to property boundaries negatively effecting its profitability here.

I must assume you are considering Carbon Capture and Storage because it's being touted as a solution to carbon emitting energy production. What non-industry research do you point to showing Carbon Capture and Storage will be safe, effective and economical in removing carbon already in our atmosphere or is being presently emitted? Shouldn't taxpayer money be spent on projects known to solve the problem we are addressing, in this case, the devastating impact of man made climate change.

The fact that we must move away from fossil fuels is hard to digest when so much of our money is tied up in that technology. We can all point to unhealthy habits in our personal lives that are endangering our lives but that we have difficulty facing. But if we value life we realize we

must look for the options that will help us stop our bad habit. Facing the fact that we must move off fossil fuels to avoid the mounting catastrophic effects of more droughts, more forest fires, and stronger storms potentially causing severe flooding and high winds is the first step in addressing the problem of climate change.

As legislators I know you receive frequent visits from fossil fuel lobbyists. I am offering some non-industry research for you to consider when deciding how best to spend Ohio's money to address our climate crisis. Here is some information on the feasibility of CCS being a safe and efficient solution to our climate crisis from independent sources:

- From MIT Climate Portal:

“How Efficient is Carbon Capture and Storage?”

<https://climate.mit.edu/ask-mit/how-efficient-carbon-capture-and-storage>.

- A comprehensive report on Canada's negative experience with CCS from the award winning think tank, The International Institute for Sustainable Development:

“Why Carbon Capture and Storage Is Not a Net-Zero Solution for Canada's Oil and Gas Sector”

<https://www.iisd.org/articles/deep-dive/carbon-capture-not-net-zero-solution>

- From Stanford News on using CCS on a coal burning power plant:
“Study casts doubt on carbon capture”, <https://news.stanford.edu/stories/2019/10/study-casts-doubt-carbon-capture>.

Thank you for giving attention to these sources of information on what will be a major Ohio investment in addressing our ability to have a livable future on planet Earth.

Anne Caruso