

**Dear Governor DeWine, and
Sam Randazzo, Chair of the Ohio Power Siting Board,**

Please accept this short comment relevant to your deliberations re allowing SIX MASSIVE TURBINES OFF SHORE OF CLEVELAND.

Please retain the information presented as relevant also to permitting any further such industrialization of Lake Erie, or any of the Great Lakes. Such action would be absolute folly.

I write to you as a PhD, Licensed Clinical Psychologist and a Past Clinical Supervisory Faculty member at the University of Virginia Medical School. My career includes practical experience in the fields of autism, sensory perception, memory and learning, attention deficit and anxiety disorders, including panic disorder and PTSD.

For the past twelve years I've immersed myself in the research, witness accounts, and first-hand experience of the human health impacts of industrial scale wind. Should these turbines be installed and begin to turn, people will get sick from them.

Infrasound is real. Its impact on human health has been known, documented and then aggressively hidden by the wind industry for over 30 years. The Israeli army has used low-frequency sound pulse as high-tech crowd control for decades.

When Denmark's EPA proposed tightening turbine noise regulations to protect turbine neighbors, the Vestas CEO admitted: 'Turbines send out ILFN; the bigger they are the more intense the emissions... Why not make changes to reduce the ILFN? It is not technically possible to do so.'

ILFN has been measured 56 miles from a 96MW land-based array in NM. Sound travels at much greater distances over/under/in water.

Sub-audible sound waves sent out through the air as the blades spin past the shaft set up vibration and resonance in our body cavities - ears, ocular orbs, skull, our lungs and bellies. They weaken cardiac tissue and lead to irreversible pericardial thickening.

Thousands of industrial wind turbine neighbors worldwide have reported the same symptoms, including headaches, dizziness, anxiety, nausea, fluctuating pressure and ringing in the ears, increased blood pressure, difficulty with memory and concentration, depression, and panic attacks arising when awake or asleep.

This is the Wind Turbine Syndrome.

Turbine infrasound has a direct physical impact on ~10-30% of the population. Most vulnerable are children, elders, and those who are especially reactive to sensation - those with a prior PTSD, autism, abuse victims.

Because of the unwillingness of the media and of politicians generally to pause, look critically at the propaganda coming from BigWind, and disseminate relevant truths, **as a nation we are ignorant** of not only the harm brought on by these monstrous turbines, but ignorant as well **of the fundamental truth that, whatever the climate challenge - BigWind is not the answer.** Indeed, adding wind inefficiencies into the energy portfolio increases fuel usage and CO2 emissions.

Please consider the facts presented in the ~400-word 5th-grade-level science presentation below. You will make a difference and be applauded by your constituents; your legacy will be defined by your recognizing the truth of BigWind ahead of the curve of our well-intended but woefully un-informed society.

Electricity requires continuous and instantaneous balancing of supply to meet demand. Turbine output is unpredictable and varies continuously, chaotically responsive to small changes in wind speed. Ever at the ready, rapidly responsive entangled conventional generators must be deployed to balance this ebb and flow.

When intermittent wind power comes in (largely off-peak and off-season), the conventional plant is cut back (with energy shed in the process), then inefficiently ramped up when the wind dies.

Batteries? Nowhere near ready to fill in when the wind dies. Total US battery storage could power us for 14 seconds.

Here on Martha's Vineyard, where we are being asked to welcome the first full scale offshore wind array in America, where MA taxpayers are tasked with a \$2.1 billion giveaway to the developer, we're told that the project will generate 800MW of energy, enough to power 400,000 homes. Such a lie!

800MW is 100% of the Vineyard Wind project's nameplate capacity. **Real world production of offshore wind arrays? 39% output initially, 15% output after 10 years.** Are you being fed the same easily discoverable lies? Is BigWind making fools of those in Ohio responsible for this LEEDCo/Icebreaker decision?

It's crucial to understand that while WIND HAS NO REAL VALUE, its cost and footprint are enormous. Wind energy itself is so diffuse, light as air, that any harvesting mechanism must be MASSIVE.

Imagine the raw materials going into these things, the fossil fuel used and CO₂ emitted in the manufacture, transportation, installation, maintenance... and de-commissioning of the turbines after just 10 years!

To produce 500MW of low quality, sputtering, and unpredictable energy - an amount equal to the output of a natural gas plant spread over a few acres - we'd need an array twice the size of the proposed VW project: 168 turbines over 700' tall, operating at a favorable 30+% capacity - occupying over 500 square ocean miles, wreaking untold devastation on the ocean floor, the underwater environment, on marine creatures large and small.

Sending infrasound out across and thru the water, sickening residents, visitors, livestock, pets and wildlife, wreaking unfathomable harm to your marine creatures.

Global Warming Guru Jim Hansen cautions: 'Suggesting that renewables will let us phase rapidly off fossil fuels... is like believing in the Easter Bunny.' In Energy Solution Hinges on Better Technology, Bjorn Lomborg writes, "The belief that we already have the solutions is a delusion on a planetary scale...dangerous because it leads to us taking at face value promises and vows that have no chance of being enacted. And it is reckless because it stops us from focusing on what we need to do instead."

On Martha's Vineyard, the commercial fishermen were given an opportunity to speak from their experience about what the installation would do to the marine environment. Their testimony educated the Edgartown Conservation Commission and resulted in that board's denying the necessary permit for the proposed cable.

Learn more from "The Edgartown Fishermen's Meeting," a 5-hour passionate public conversation on wind, condensed to a more digestible 97 minutes: <https://www.youtube.com/watch?v=rGCAQdo7bvo&feature=youtu.be>

Tragically, MA is still being run by those who presume the right to supersede local authority. It's yet to be seen whether our state will act thoughtfully, honorably, constitutionally. How about Ohio?

The world is watching. And praying. God bless you. May you have the courage, strength and wisdom to do what's right for the greater good of all.

Sincerely,

Helen Schwiesow Parker, PhD, LCP

See also these news and info sites:

<http://wiseenergy.org/>
www.windaction.org
<http://www.wind-watch.org/>

See <http://windvigilance.com> for links to independent studies of IWT health impacts from 2010. [The news has only gotten worse.]

More info on why no matter the climate challenge,
Industrial Wind is Not the Answer:

An Ill Wind Blowing? The New American

How Less Became More:
Wind and Unintended Consequences in the Colorado Energy Market

Why Wind Won't Work by Jon Boone

Hidden Fuel Costs of Wind deGroot & lePair

Renewable and Nuclear Heresies
Jesse Ausubel

Wind-Turbine Noise: What Audiologists
Should Know in Audiology Today

The Secret Silent Wind Power Peril in Master Resource 2-7-2017

Science Deniers in the Wind Industry: The Human Health Consequences of
Manipulated Measurements in Watts Up With That? 3-8-2017

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Summary: Public Comment filed by Sherri Lange, on behalf of Dr. Helen Parker, via website, electronically filed by Docketing Staff on behalf of Docketing