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FILE

Good evening. My name is Karen Allport and I am grateful for the opportunity to comment on Icebreaker Wind.

The main message I want to deliver to you is this: Transitioning to a cleaner energy future will greatly improve the health of Northeast Ohio's community...

... and Icebreaker Wind can put us on the road to making that transition a reality...

- By helping to reduce the mercury that is dumped into Lake Erie from coal burning power plants that is poisoning fish and wildlife.
- By helping to reduce harmful air pollution linked to asthma attacks, heart attacks and premature deaths in a region known for poor air quality.
- And by helping to reduce greenhouse gas emissions to combat the impacts of climate change - a major threat to Lake Erie.

I am originally from Northeast Ohio and have been involved with LEEDCo and Icebreaker Wind for some time.

- I appreciate the painstaking, hard work that has gone into all the research and analysis to ensure this project protects the natural ecosystems for birds and other species.
- I am excited about the potential to add many more jobs in Northeast Ohio across various areas - including supporting services, installation, maintenance and manufacturing. Our region will greatly benefit from investment into building a wind energy industry.

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- And I am encouraged about the future of our region, in that we will be able to improve the health and the quality of life for our residents... and move toward making Northeast Ohio energy independent.

As a boater myself, I understand the concerns of some about the Icebreaker project and its impact on the Lake and on their viewshed. But I will argue that these turbines, barely visible from land, will promote the coming of a modern age of clean, renewable energy.

Our goal is that Icebreaker Wind will one day result in a clean energy industry in our region - an industry that will create thousands of new jobs, improve the air we breathe and protect our natural resources.

Thank you.

Chari Zito 216-533-1139 cell

22780 Lake Road

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Yes, I live on the lake and would not want to look at the turbines. But, my concern is much more important than visual affect. We all know that anything mechanical has lubricants and needs to be maintained:

1. What about leaking and damaging our lake? Lake Erie has a billion dollar fishing industry.
2. What if a freighter hits one?
3. How are they going to be maintained in the freezing cold? In the winter it could be frozen all around them. Then the ice breaks up and does damage to one or more. How could they possibly contain the fluids in those conditions?
4. What if something happens and they are not grounded - killing fish or worse a swimmer?
5. They can't possible guarantee that these situations couldn't occur.

Bottom line, if any of these scenarios occurred, the environmental impact on beautiful Lake Erie would be devastating!!!!

Dear OPSB -

my Name is Keesen McDewitt, I Live ^{Summers} at
4372 Edgewater Drive, Vermilion, OH 44089

I grew ~~up~~ on LAKE ERIE, Swimming, Boating & fishing,
I remember the NAME we got stuck with "mistake
on the Lake", ~~I urge~~ ^{I urge} the Board to deny this
Application for ^{the} wind turbine, Icebreaker project,
we don't need to relive this again in this
Century or ever.

Points to Consider:

1. Why would / Should the Lake ERIE Fresh water
for drinking (11 million people depend on this?)
Be a test pilot project? Why RISK the
water we worked so hard to Clean up?
We are not destitute for Power in Cleveland!
2. The issue of Radar has not Been Vetted
at All - This needs to be Stated / Investigated by LEEDCO
3. ~~The~~ Public TRUST Doctrine Clearly States "OUR
LAKE ERIE" ~~is held~~ in trust for all to enjoy
free from obstruction, interference. Lets not
take this lightly; Lets be fair to the Citizens
of Ohio & Keep This Lake from becoming a money
making machine for International Business.
4. Other Renewable energy is available for less,
Lets learn from our Canadian Neighbors why
the numbers don't make sense for this technology.
5. Canada now has a moratorium due to their own
Hard lessons. Lets learn from them.

6. This project, due to \$50m in public funds, should be put on a Voting Ballot.
7. All facts should be made public - Public should not be told "It's private"
8. A Scientific study of wind-farms, and their ability to produce affordable energy should be required & made public by LEECO.
9. The Board needs to consider the potential for Conflict of interest. If approved, all city, county, state & private investors, should be required to sign a policy to be made public on behalf of ~~the people of Ohio~~ Ohio Citizens - Ohio needs Protections Written in!!!
10. The water in our Great Lake ERIE comes from the ice age, thousands of years ago - This can never be replaced. We must protect this Natural Resource now, and not have any Risk, like this Business, waiver our safety for Clean water.

I Apologize for the hard to read Testimony, as I have arthritis in my hands. ^{written}

Thank you for the opportunity to state my concerns.

NO NO NO! to the Lake Erie Industrial Wind Farm



The first "Demonstration Phase" of the Icebreaker Project will consist of six wind turbines which will be located approx. 5-6 miles off Lakewood's Gold Coast. Each tower will be about 479' tall, which will make them clearly visible from shore. The second phase proposes adding approx. 1,400 wind turbines to this industrial wind farm in Lake Erie.

The public should be aware of the following:

- 1) Lake Erie's natural vistas are a thing of beauty. Why would we destroy this gift from nature by littering it with thousands of industrial wind turbines? Property values have been shown to decrease in areas where views are diminished by industrial wind farms. Northeast Ohio waterfront property owners could see their property values drop if this project is built. This also creates 6 huge navigational hazards to the 26,756 registered boaters in Cuyahoga county. Thousands of migrating birds could be easily killed by these turning blades. They could also disrupt natural habitats that support perch, walleye, bass and other fish as well.
- 2) This could be an environmental disaster. According to LEEDCO, each turbine would contain 404 gallons of industrial lubricants in their gearboxes. As the gearbox seals fail, the oil will leak into the lake below. The turbine blades are made of fiberglass and carbon. Lightning strikes could cause the fiberglass blades to melt onto the water below. We do not need any more lake pollution.
- 3) Icebreaker is a bad deal for taxpayers and U.S. citizens.
 - a) LEEDCO will receive a \$50 million taxpayer subsidy through a Department of Energy "grant". However, LEEDCO has been sold to a large foreign multinational company, Fred Olsen Renewables of Norway. In essence, U.S. taxpayers will be supporting a foreign company if this project is built.
 - b) In addition, the cost per kilowatt of electricity generated from Icebreaker will be significantly more expensive than our current sources of power. Cleveland Public Power has already agreed to buy this overpriced electricity. The rate is approximately 5 times greater than the market price for electricity today.
CPP will ultimately pass on the inflated cost to their customers (Us) in the form of higher bills.
No Thank you.

4) LEEDCO is attempting to rationalize the Icebreaker project by claiming that it will create up to 8,000 jobs in Ohio and will lead to a manufacturing boom in Northeast Ohio. That's totally inaccurate.

The facts show that very few permanent jobs have ever been created by these types of projects (Buffalo NY and Block Island RI). Due to the specialized nature of installing these European-built turbines, most of those jobs went experienced European based installers. Therefore, the resulting income taxes did not and will not flow back to support our economy. Yet, our tax dollars are paying for the project and the profits go to the European developers and manufacturers, not U.S. taxpayers.

5) Ohio's Public Trust Doctrine states that the water of Lake Erie is owned by the State. Functionally, the public trust guarantees each member of the public the right to fish, boat, swim, and recreate in Lake Erie and to enjoy the protection of the water quality and quantity free of impairment. Again, Fred Olsen Renewables, a Norwegian company, is the developer of Icebreaker. They will benefit by receiving US taxpayer subsidies to build the project and they will receive the profits by turning around and selling this more expensive electricity to us. Ohio's citizens are being impaired by this project and therefore, this is a violation of Ohio's Public Trust Doctrine.

6) After a certain period of time, wind turbines become too expensive to maintain. At that point many must be decommissioned and removed. California has thousands of industrial wind turbines that were abandoned and are falling apart. Many of the wind farms built in Germany 20 years ago will lose their government subsidies in 2020 and there are no available funds to remove them. It is unknown if Fred Olsen Renewables has factored removal into their budget forecasts. So, *who* will be stuck footing the bill for the removal of these 1,400 eyesores that a foreign company wants to build in our lake?

Renewable energy is a noble cause, but common sense and a thoughtful cost-benefit analysis has to be applied. This simply is a rush to build an ugly industrial wind farm in Lake Erie that is funded by U.S. taxpayer dollars that will ultimately benefit companies in Europe. Please stop this project from ruining our beautiful lake.

Jim Herold

Edgewater Yacht Club

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