

Please file the articles linked below in the public comments for 16-1871-EL-BGN.

Thanks,

Matt

From: Sherri Lange [<mailto:kodaisl@rogers.com>]
Sent: Monday, April 16, 2018 6:48 PM
To: Puco ContactOPSB <contactopsb@puco.ohio.gov>
Subject: Re kindly post in Icebreaker Case 16-1871-EL-BGN

Hi Matt

Hope you are surviving the "ice breaker" wind breaker, rain breaker, prolonged winter, *for real, in real time*, called, weather!!

Could you please add these two pieces also to Case 16-1871-EL-BGN ?

One: Marcus Wolfe, Wind projects worry weather service official
Two: Great Lakes Scuttlebutt: Where do you stand? By Norm Schultz

[MARCUS WOLF, WIND PROJECTS WORRY WEATHER SERVICE OFFICIAL | Great Lakes Wind Truth](#)



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**GREAT LAKES SCUTTLEBUTT NORM
SCHULTZ WHERE DO YOU STAND | Great
Lakes Wind...**

Many thanks,

Best wishes,

Sherri

Sherri Lange

CEO, NA-PAW, North American Platform Against Wind Power

Executive Director, Canada, Great Lakes Wind Truth

VP Canada, Save the Eagles International

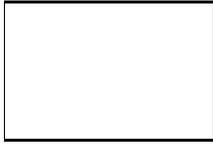
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MARCUS WOLF, WIND PROJECTS WORRY WEATHER SERVICE OFFICIAL

- [APR 16, 2018](#)
- [NO COMMENTS](#)
- [AIR AND RADAR SAFETY, CLEVELAND LEEDCO](#)

<http://www.watertowndailytimes.com/news03/wind-projects-worry-weather-service-official-20180414&template=mwdt>



Wind projects worry weather service official

By [MARCUS WOLF](#)
MWOLF@WDT.NET

PUBLISHED: SATURDAY, APRIL 14, 2018 AT 12:30 AM

AMANDA MORRISON / WATERTOWN DAILY TIMES

The National Weather Service is concerned that the proposed Mad River, Deer River and Roaring Brook wind farms could hinder forecast data collection by the radar station in Montague.

An official at the National Weather Service worries about a cluster of proposed nearby wind farms possibly inhibiting the Montague weather radar's ability to collect crucial information.

The number and proximity of Avangrid Renewables's turbines for three proposed wind farms in Jefferson, Lewis and Oswego counties to the radar could interfere with its ability to accurately measure incoming storms, flooding and lake effect snow, said Judith M. Levan, meteorologist in charge for the service's Buffalo station.

Avangrid plans to build its Deer River wind farm in the towns of Pinckney, Harrisburg and Montague; its Roaring Brook wind farm in the town of Martinsburg and its Mad River Wind Farm in the towns of Redfield and Worth. Each project has reached varying stages in the state's Article 10 review process, which they must undergo before the developer can build them.

With three wind farms proposed for construction anywhere from two to five miles from the radar, Ms. Levan said she decided to notify emergency management officials in Jefferson, Lewis, Oswego and other Central New York counties about her concerns.

Weather service stations across the country with wind projects proposed near weather radars have been notifying local officials, she said.

"Our mission is to protect life and property using those radar stations to issue warnings," she said. "The proximity of turbines near that radar makes that job typically difficult."

The radar, used by both the service staff in Buffalo and Burlington, Vt., collects data within a 248 nautical mile radius by emitting an energy beam and rotating it 360 degrees at different elevation angles from 0.5 degrees to 19.5 degrees from the horizon.

The beam, however, would bounce off turbines at the lowest elevation angles, which are used for detecting lake effect snow, heavy rain, hail, damaging winds and tornadoes.

The turbines would then appear in images depicting precipitation and wind velocity, which Ms. Levan and Fort Drum officials, who also rely on the radar, have claimed could create a "ghost echo," or map data that can incorrectly show or underestimate weather activity taking place.

“The further away they move (the turbines) from the radar itself, that would lessen the impact,” Ms. Levan said. “If they have lower turbines, that would also mitigate the same effect.”

The weather radar is owned by the Department of Defense, which reviews proposed wind energy facilities near military installations, and maintained by Air Force personnel based at the Wheeler-Sack Army Airfield at Fort Drum.

While Ms. Levan said the weather service may “not have a seat at the table” when discussing potential issues with wind farm developers, Fort Drum officials have been receptive to the service’s concerns.

Paul N. Copleman, communications manager with Avangrid, said the developer has worked with Fort Drum, the defense department and weather service for about two years to “identify and mitigate any impacts” to the post and weather radar.

“We are regularly sharing data and analysis on the proposed wind farm operations, and remain committed to finding solutions,” he said. “Our experience across the country has demonstrated that through this cooperative process, wind farms can successfully coexist near military bases and associated facilities.”

Jefferson County Administrator Robert F. Hagemann III said the county’s highway and emergency management departments rely heavily on information from the weather service’s Buffalo staff to consolidate the necessary workforce and resources to deal with snowfall and emergency weather.

The potential for turbines to inhibit the Montague radar from collecting accurate information could affect both departments’ ability to address hazardous weather conditions in a timely fashion, Mr. Hagemann said.

“It’s a genuine concern, and I’m sure as time goes on in the Article 10 process, I’m sure it will be addressed,” he said.

Jefferson County Legislature Chairman Scott A. Gray said the Watertown International Airport also relies on weather data obtained from the Montague radar to ensure safe travel during flights.

Avangrid could pursue a payment-in-lieu-of-taxes for its projects, but Mr. Gray said he believes the Legislature would refuse to approve any agreement for a project with components in Jefferson County that could adversely affect Fort Drum and the weather radar. Should the Legislature take that action, it could kill any possible PILOT agreement.

“We have veto power. Any jurisdiction has veto power over the entire process,” he said. “We’ll advocate for the National Weather Service just like we advocated for Fort Drum.”

COMMENTS

Marie_Jane123 Tom • 4 hours ago

If you have not already read this, please do. And, please share. The content is impactful. View all the links of: Fact Factory: Smashing Big Wind Starts & Ends With Data & Detail <https://stopthesethings.com...> via @StopTheseThings ...Essentially, it is an effort to save the Great Lakes from destruction by the wind industry through fact; it includes quite a complete assessment of “Block Island” R.I. offshore industrial wind turbine project. As for “education”, a true “education” will bring you all the way back to the 1980’s and who knew what, when and what was “hidden” .. A “reality” education will bring you to present day and truths from Europe (France, Germany, U.K., etc.).. Australia is an eye-opener. And, Denmark (the U.S. Industrial Wind Turbine Agenda/Pres.Obama 2009) does not practice what they preach .. The people of DK consider themselves “lab rats” for the wind industry experiments. In Denmark it is not all about wind except as an “export” product, they use Coal from Germany, Hydro from Norway, Nuclear from Sweden and lots of Bio-mass. Here in the U.S. our politicians and environmentalists support the wind industry and turn their backs on known wind turbine harms to humans, wildlife, the environment, the “budget” and move forward with their wind “agenda”. The media refuses to touch the subject of wind turbine reality or interview victims. The only way to get educated is to become a ferret and listen to people like Tom (truth).

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ABOUT THE AUTHOR

The Great Lakes Wind Truth is a collection of persons and groups around the Lakes, who discovered a mutual need to increase knowledge of the fragility of the Lakes and Basin systems, and who are completely committed to defeating any single industrial wind project single or multiple, that would upset delicate ecosystems, compromise water supplies, and negatively affect fishing, boating, migration routes, and the complex underwater life and lake bottom, that has already been compromised over time.

GREAT LAKES SCUTTLEBUTT NORM SCHULTZ WHERE DO YOU STAND

- [APR 16, 2018](#)
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It's really over! We think....

Norm Schultz Turbines In Lake Erie — Where Do You Stand?

Turbines In Lake Erie – Where Do You Stand?

“Boaters Need to Weigh in on Lake Erie Wind Farm Project” read the heading of a recent story sent to the more than 18,000 BoatUS members in Ohio. Indeed, the time has come to take a stand, particularly if you're one who is convinced wind turbines in Lake Erie are undesirable.

Dubbed the “Icebreaker Wind Project,” it's a program of the Lake Erie Energy Development Company (LEEDCo). A more suitable name, however, could be the Lake Erie Environmental Destruction Corporation! Its plan calls for building North America's first freshwater wind project offshore of Cleveland consisting of six large turbines. But, its principals acknowledge they want

to see up to 1,000 more turbines in Lake Erie off counties including Cuyahoga, Lake, and Ashtabula. No doubt there's talk of gracing the beautiful Lake Erie Islands area with spinning windmills, too.

Clearly, the time has now arrived for boaters, anglers, and everyone else who treasures the unbroken beauty of Lake Erie to stand up and say NO to this pending boondoggle.

It's not complicated. In our nation's quest for more renewable energy, windmills have popped up in large numbers on farm lands. And, if farmers want to lease out their land for a wind farm and don't mind looking out their windows at whirling pinwheels, dead birds, and hearing the incessant groaning sound that turbines make, that's their choice.

Lake Erie, however, isn't rural farmland. It is a unique frontage for many Ohio communities with resorts, parks, marinas, campgrounds, beaches, and more. Its pure vista draws people to it. Safe navigation and seeing an unbroken horizon speaks a peaceful moment of escape from today's complex life. Is destroying that for a few megawatts that can come from other sources a fair trade?

Overall, the renewable energy scene is a treasure chest of grant money. Truth is, without taxpayer dollars, LEEDCo wouldn't exist. An army of highly-paid lobbyists representing outfits like LEEDCo regularly travel the halls of Congress pushing for renewal of grants and lucrative tax credits that go to wind outfits.

There are many who say the U.S. should follow the European example. But, the U.S. has the world's biggest supply of low-cost natural gas currently used to generate much of our electricity at reasonable costs. Meanwhile, prices for electricity in Europe are much higher, especially in countries that have embraced wind power like Britain and Germany.

In the latter, for example, German households pay three times what an American household pays for electricity. Massive subsidies to renewable energy producers in Europe have pushed prices up.

There is little doubt the majority of Americans support the idea of renewable energy. The question is not whether we should pursue wind power but where, specifically, wind turbines should be placed, or not. And Lake Erie should be a not!

Although not opposed to alternative energy sources, the Michigan Boating Industries Association (MBIA) Board of Directors remains opposed to wind turbines in the Great Lakes unless, and until, adequate information and research is ever available. Ohio's Lake Erie Marine Trades Association has adopted the same position.

Both organizations say their first priority is to protect the surrounding natural resources, as well as the existing commercial, residential, recreational, and tourism aspects of any potential turbine site, and it is not prudent to move forward without knowing the impacts. Moreover, it would also be necessary to understand just how much electricity these wind farms will generate at what cost. Are they really cost effective? Risking negative impact to the economic and lifestyle benefits of boating, fishing, and tourism on the Great Lakes without such knowledge could be devastating.

Ohio boaters should make their position known now by providing comments to the Ohio Public Utilities Commission. It's easy. Just go to the PUCO website at opsb.ohio.gov/Contact-Us and fill in the form. Note: On the form "company name" field, enter: "Icebreaker Wind Project Case no. 161871-EL-BGN Icebreaker Windpower." **Then, let them know your position.**

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