

Lighthouse Wind

Save Ontario Shores

www.lakeontarioturbines.com

January 8, 2015

Lighthouse Wind

- Speaker Introduction
 - John Riggi
 - Resident – May 2014
 - Baxter Healthcare - Medina, NY
 - Director, Quality
 - This presentation represents the views and concerns of Save Ontario Shores (SOS) regarding the proposed siting of an Industrial Wind Turbine Complex in the Town of Yates.

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- **Save Ontario Shores** (ie: SOS):
 - Citizens coalition formed to address issues voiced by Town of Yates (and Somerset) taxpayers, voters and residents regarding the proposed siting of an Industrial Turbine Complex in the Town of Yates (and Somerset):
 - Health, safety, welfare, environmental and infrastructure issues that will arise as a direct result of permitting an Industrial Wind Turbine Complex in the Town of Yates (and Somerset).
 - Potential plunging of property values at and around the project site, defined by APEX Clean Energy as:
 - » ***“... in the Towns of Somerset and Yates...between Route 18 (Lake Road) and Lower Lake or Lakeshore Road.”***
 - » ***“In Yates...between County Line Road and North Lyndonville Road.”***

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- **SOS Issues with Industrial Wind Turbine Complex Project, known as Lighthouse Wind:**
 - **Health Risks**
 - To those who live within sound, electromagnetic and light flicker fields generated by turbines and transmission lines.
 - **Noise and Light Pollution**
 - Directional, Low Frequency Sound emission from the turbines whenever turning.
 - Flicker effect in daylight hours/red lights at night
 - Simple geometric calculations (12inch ruler = 40inch shadow) show Turbines need to be at least 2,000 feet from nearest property line to avoid shadow flicker at this latitude (measured at 9:45am-12/21/14)
 - Wyoming county residents have moved from their own properties due to these issues.

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SOS Issues with Industrial Wind Turbine Complex Project, known as Lighthouse Wind (cont.):

Wildlife Risks

Lake Ontario and environs are known as one of Earth's great migratory pathways, stopping points and nesting areas for millions of birds, annually.

Nesting Eagles are thriving in the Iroquois National Wild Life Refuge (15 miles due south). 50 mile daily hunting radius puts the Lake Ontario Shore (and 600ft high turbines) squarely in Eagle pathways.

NYS DEC has identified 594 additional Species of Greatest Conservation Need (SCGN) and has initiated a study to determine which will be identified as endangered. SOS is monitoring this study for applicability.

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– Permanent, negative impact to rural areas

- There is no “going back”. Like Hydro-Fracking Installations, Industrial Wind Complexes remain in place. They don’t go away if you don’t like them.
- Industrial Wind Turbine Complexes irrevocably degrade the ability of residents to enjoy the rural nature of their environment and have been shown to irrevocably degrade the environment in general
- Infrastructure breakdown issues (bridges, roads, power lines, travel restrictions)
- Visibility issues. Turbines that are 600ft high (**60 STORIES**) will be seen far and wide (Toronto and Niagara Escarpment)
- Impact on aquifers of:
 - Industrial Turbine Complex Site prep
 - Chemical spills from hydraulic fluid leakage
 - It should be noted here that the Town of Yates Water facility is located within the project site.
- Who will want to live in the Town of Yates?

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- **Impact on Tax Base**
 - Town of Yates Overall
 - Significant Reduction (PILOT) in Yates Town Taxes
 - Short term – Possibly
 - Long term – No (failure of Somerset plant to contribute tax dollars, and 10% increase in Wyoming County Varysburg-Orangeville taxes for 2015 tell the story).
 - Project Site Specifics:
 - 26% of property value in Town of Yates is at and within 2 miles of project site.
 - The inevitable plunge in property values will significantly shift Town of Yates Tax revenue from this sector of Yates. Where will the tax dollars come from – LONG TERM?
 - **IF IT SOUNDS TOO GOOD TO BE TRUE, ITS TOO GOOD TO BE TRUE...**

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- Moving Forward

- SOS Goal is to inform and educate the Yates Town Board, on issues and concerns of Yates Town residents, taxpayers, voters both inside and outside of project site regarding the Lighthouse Wind Industrial Wind Turbine Complex project
- SOS will be requesting agenda time at each future Board Meeting to present detailed results on specific issues.
- SOS will be working with the Board to understand potential Article 10 implications on the Town of Yates.
- SOS will ensure the Town Board has the opportunity to discuss these issues with impacted residents in Wyoming County.
- SOS is requesting Liaison with the Yates Town Board and Mr. Whipple (Orleans County EDA).
- SOS requests that a copy of this presentation is published as an attachment to the Town Board Minutes.

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• Final Thoughts

- By allowing discussions of Lighthouse Wind - Industrial Wind Turbine Complex in the Town of Yates, the Town Board is presiding over the destruction of the social fabric, infrastructure, and rural beauty in the Town of Yates.
- Wyoming County is the model for this destruction.
- SOS is not convinced of the need for this project, given the market glut of electric generation capacity and is requesting objective evidence of the need for this project.
- Wind Turbines are an expensive technology at the end of government subsidy lifecycle and not cost effective in the long run. Approval of an Industrial Wind Turbine Complex Project such as Lighthouse Wind would be a balance sheet loser.
- **Save Ontario Shores is organized, motivated, financed, represented and we're not going anywhere.**
- **The discourse will not end until we all win for the Town of Yates.**
- **We are confident that, after fully researching (along with SOS) the negative consequences of this project, you will agree that this project does not belong in this area of the country.**

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- Questions:
 - Who are the decision makers?
 - What is the process moving forward from this point?

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