

March 27, 2013

Kirsten Walli, Board Secretary,
Ontario Energy Board,
Box 2319, 27th Floor, 2300 Yonge Street,
Toronto, ON M4P 1E4

Dear Ms. Walli:

RE: Varna Wind Inc. EB-2012-0442 Application for Leave to Construct

As intervenors, we are filing evidence further to the process on above noted file and relative to Procedural Order No. 1 of February 4, 2013.

On the response from Next Era dated March 4, 2013, reference to **Board Staff Interrogatory #10**, their table indicates that the closest barn along the route is 18 m. This is incorrect as our barn at 77660 Hensall Rd. is only 9 metres from the proposed transmission line, if it is placed on the east side of the road as proposed. Once again we advise that this barn houses pregnant beef cows and yearling calves and we believe a transmission line is unsafe at that distance for a variety of reasons such as stray voltage, arc flashing, induced charge, downed wires due to accident or wind/weather and electromagnetic emissions. In addition, because our home is only about 11 metres from proposed line our front yard and gardens where outdoor activities take place is literally under the wires which should be considered unsafe. Photos of barn and house showing proximity to road are attached. Also a high pressure gas line is buried along the road allowance there and our well is located only several feet away within this area. Electricity is known to follow pipe lines through grounding wires, specifically water lines and ours would be at a potentially unsafe distance. In previous correspondence, we have already mentioned the electric fence lines along pasture fields which would be directly under proposed transmission lines. We have great concern at being located so close to these lines.

Noted on the publication Next Era attached to their response to the Interrogatories, the **"Environmental (2011)31:161-168 (pg163)"** it was noted that "in Bulgaria there are regulations implementing the safety zones around the sites sources of harmful emissions into the environment...safety zones around power lines, ...are as follows: Safety zones for power lines with a voltage of 100KV and above shall be determined by the projections of the final line of the conductors at a distance: Power lines 110 KV – 10 metres ; 220 KV – 20 metres etc. Land on both sides under the conductors is not built up for housing or carrying out activities."

This would translate to about 10.5 metres both sides for 115 KV line. We would be directly within this zone for activities and building location, which in Bulgaria is considered unsafe and not allowed. Surely, Canada, as a progressive country who allegedly cares about its people, would observe the same restrictions within their electrical codes for safe practises to ensure public and animal safety.

We are obviously concerned about this transmission line being so close to our property and it needs to be further away or at minimum, buried on the opposite side of the road. We still feel that if lines are placed above ground on the east side of Hensall Rd., our home and barn will be uninhabitable, our life and livelihood jeopardized and we would request Next Era pay to relocate new buildings for us.

Thank you.

Brian and Helen Oldfield

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