

Date	Stakeholder Comment	Issue Sub Category	Issue Subject	
11/16/2009	A voicemail from [Stakeholder] stating she had property that she wanted to be considered for the project.	Socio-Economic	Financial/Community Benefit	
		Project Details	Project Details	
11/25/2009	Is there any planning(future or otherwise) for wind turbines in the offshore/water portion of Lake Erie in the Haldimand/Norfolk areas?	Project Details	Project Sitting/Location	
11/26/2009	We just would like to introduce ourselves to you. We are a welding mechanical facility located in Simcoe, On. and have been in business for 22 years having an excellent reputation for quality workmanship. If you think there may be anything that we may be able to assist you with please do not hesitate to contact us.	Socio-Economic	Financial/Community Benefit	
			Wind Support	
	[Stakeholder] lives in study area and stated that she does not want a wind turbine within 5 miles of her home. She also stated that she can't afford to move.	Project Details	Project Sitting/Location	
			Regulatory Setbacks	
	A voicemail from [Stakeholder] stating she lives in Haldimand and had worked as Community Liaison with Golder on Bruce Power project, and was willing to assist with the Nanticoke project if needed.	Socio-Economic	Financial/Community Benefit	
11/27/2009	I am a resident of Haldimand County and am very pleased to receive information about the proposed wind farm. I support renewable energy in all its forms and just want to let you know that each of us should voice our support or other opinions readily rather than be indifferent. I look forward to the public meeting. I have always been an environmentalist in my life on my organic farm and now as a retired educator living in a small village on the Grand River. Wind energy as a clean alternative is a sign of hope for this planet.	Socio-Economic	Wind Support	
			Project Details	Project Details
			Socio-Economic	Community Consultation
Wind Support				
	A phone call from [Stakeholder] asking about what type of company is running the project, and whether it is the government or private.	Project Details	Project Details	
	[Stakeholder] contacted about a land parcel that he is interested in having a windmill installed on.	Socio-Economic	Community Consultation	
			Wind Support	

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12/7/2009	I'm all for it, I just can't figure, why all the delay. The only way to study it is do it.	Socio-Economic	Wind Support
12/19/2009	I own wooded property and wondered if there was any need for this site in your testing. Would it be any advantage to me if you were to use it?	Project Details	Project Sitting/Location
		Socio-Economic	Wind Support
12/21/2009	<p>1. Somewhat - Would have liked to see a town hall meeting format to hear other peoples questions and comments.</p> <p>2. Yes</p> <p>3. Oppose - Disagree with wind farms being in close proximity to populated areas</p> <p>4. No - Most studies cited (eg. Health Study) were based on existing literature from wind energy companies, therefore biased.</p> <p>5. Happy to hear NextEra is community minded and if we were to have some issues after the wind farm is constructed they will listen to our concerns even though we will not have a wind turbine on our property. Suggestion wind energy companies should lease the whole county so it benefits everyone and not just farmers. I do think property values will go down - who will want to move into the area once the humongous turbines are up? Don't have Information session 4 days before Christmas or any other major holiday.</p>	Socio-Economic	Mistrust
			Community Consultation
			Financial/Community Benefit
			Property Values
		Human Health	Health Concerns
Project Details	Project Sitting/Location		
	<p>1. Somewhat</p> <p>2. Yes</p> <p>3. Neutral</p> <p>4. Yes</p> <p>5. Interesting program - staff were very helpful</p>	Socio-Economic	Community Consultation
	<p>1. Somewhat</p> <p>2. Somewhat - The representatives appeared to be well informed but could not answer all the questions I asked</p> <p>3. Oppose - I feel wind energy is going to absorb a lot of capital and human energy but will probably not meet the level of expectation some seem to have and there are alternatives to wind energy with better outcomes.</p> <p>4. Somewhat - I feel that technical assessment is probably well done but impact on humans, animals and natural environment remains a serious open question.</p> <p>5. I have serious questions re: the human, environmental impacts. I feel our government may be too hasty in approving these projects and I'm very concerned about some of the health issues that have yet to be addressed. The intermittent noise and its effect on the heart rythms for example. I do absolutely oppose wind mills in the lake.</p>	Environment	Other Animals
			Animal Habitat
		Socio-Economic	Community Consultation
			Mistrust
		Human Health	Health Concerns
		Noise	

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
		Project Details	Project Sitting/Location
			Regulatory Processes
	<p>1. Yes - Very concerned that my quality of life will be impacted</p> <p>2. Yes - I talked to many reps.</p> <p>3. Oppose - I do not want a wind farm in my community.</p> <p>4. No - I do not believe anyone realizes environmental impacts and property values</p> <p>5. I would think areas that are not so populated would be a better fit for a wind farm. I have visited other wind farms and seen a lot of properties for sale with reduced prices. Residents that are not happy with the windmill farm. It is always too late after the project is built. I left my name at the door to be contacted.</p>	Project Details	Project Sitting/Location
		Socio-Economic	Property Values
	<p>1. Yes</p> <p>2. Yes</p> <p>3. DNC - Very concerned about the possibility of wind mills in the lake. Some concerns about noise.</p> <p>4. Somewhat</p> <p>5. Basically I like the idea of a renewable, natural power source. I am somewhat concerned about the size of the project - the number of windmills in our area. I am concerned about the aesthetics - right now I am in a beautiful setting - lake, fields, woods, everything quite natural. Smoke from Nanticoke is a present concern. Global warming is something that needs to be addressed. Right now I don't know how close their wind turbines will be to my property.</p>	Human Health	Noise
		Project Details	Project Sitting/Location
		Socio-Economic	Visual
			Wind Support
	<p>1. Yes</p> <p>2. Yes</p> <p>3. Support</p> <p>4. Yes</p> <p>5. We feel there is more to benefit with wind power than the smoke stacks at Nanticoke.</p>	Socio-Economic	Financial/Community Benefit
			Wind Support
	<p>1. Yes - Good Knowledge</p> <p>2. Yes</p> <p>3. Support</p> <p>4. Yes</p> <p>5. For the next generation good think green</p>	Socio-Economic	Community Consultation
			Financial/Community Benefit

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
			Wind Support
	1. Yes 2. Yes 3. Support - We live in an area of very good wind resource, we should utilize them, this is the way of the future 4. Yes 5. I think the project is great, the location is great. I wish our land could be part of the project.	Socio-Economic	Financial/Community Benefit
			Wind Support
	1. Somewhat 2. Didn't speak to anyone 3. Oppose - Strongly 4. No - should keep farm in industrial area 5. Running my home!!! Can you guarantee my property value won't drop?	Project Details	Project Sitting/Location
		Socio-Economic	Property Values
	1. Yes 2. Yes 3. Oppose 4. Yes 5. Leave natural setting as is. Find a location where agriculture isn't as important.	Socio-Economic	Agriculture
		Project Details	Project Sitting/Location
	1. Yes 2. Yes 3. Support 4. Somewhat 5. Provided answers as to ownership TCI/Nextera, Canadian Content, Life Cycle, Setbacks.	Project Details	Project Schedule
			Regulatory Setbacks
	1. Yes 2. Yes 3. Neutral - Just wondering how economical wind projects are for the 25 year life of wind 4. Yes 5. Looking forward to more public forms . Found it very helpful and informative.	Socio-Economic	Financial/Community Benefit

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>1. Yes - It was good to see the interactive maps re: set backs and noise considerations</p> <p>2. Yes - Every question I had was answered clearly</p> <p>3. Support - hope they put one up on my land</p> <p>4. Yes</p> <p>5. I look forward to seeing this project completed. I believe all possible impact on the local flora and fauna have been carefully assessed and I have complete confidence in this company and support it 100% and have since its conception.</p>	Human Health	Noise
		Project Details	Regulatory Setbacks
		Socio-Economic	Wind Support
	<p>1. Somewhat</p> <p>2. Somewhat</p> <p>3. Neutral - Just moved from Shelbourne area. Huge wind farm projects being implemented. Given feed back from neighbours in that area, don't want them close to me</p> <p>4. Somewhat</p> <p>5. Noise? Shadow Flicker? Set-backs? Diminished property values? Map not accurate! Fisherville is NOT east of the Kohler Rd.!</p>	Socio-Economic	Property Values
		Socio-Economic	Community Consultation
		Human Health	Flicker
		Project Details	Project Sitting/Location
			Regulatory Setbacks
	<p>1. Yes</p> <p>2. Yes</p> <p>3. Support</p> <p>4. Somewhat</p> <p>5. Can I get a Mill?</p>	Socio-Economic	Financial/Community Benefit
			Wind Support
	<p>1. Yes - Very Informative</p> <p>2. Yes - Answers were very complete</p> <p>3. Support - Fully support wind energy</p> <p>4. Yes</p> <p>5. I found the Public meeting of great interest. The presenter were very knowledgeable and did very informative answers to all questions. PS. Study area seems too large. Hopefully this will be narrowed down as time proceeds.</p>	Project Details	Project Sitting/Location
			Regulatory Processes

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
		Socio-Economic	Wind Support
	1. Yes 2. Yes 3. Support - 1 km setback from Urban areas 4. Yes 5. More information on why 10 sites (published) have experienced health effects.	Human Health	Health Concerns
		Project Details	Regulatory Setbacks
		Socio-Economic	Wind Support
		Socio-Economic	Community Consultation
	1. Somewhat 2. Somewhat 3. Neutral - unsure at this time until I research the health issues further 4. Somewhat 5. A presentation would be good. Need more information on "where" the 50-100 would be placed.	Human Health	Health Concerns
		Project Details	Project Sitting/Location
		Socio-Economic	Community Consultation
	1. No - I would like to know what is in this for us. 2. Yes 3. Oppose - I expect this project will devalue our property 4. Somewhat - We as property owners were not mailed a notice 5. DNC		Financial/Community Benefit
			Property Values
		Socio-Economic	Community Consultation
	1. Somewhat - As plans are evolving I was not given definite answers yet 2. Somewhat - Same as above 3. Neutral - I have taken a copy of all the handouts to learn more about it. 4. Yes - It appears care has been taken concerning environmental matters and wildlife. 5. DNC	Socio-Economic	Community Consultation
		Environment	Other Animals
	1. Somewhat - Need to study the hand-out material 2. Yes 3. Neutral 4. Somewhat 5. One hears many comments of the noise factor and we are told that with the new style of generator this is not a problem, right or wrong?	Human Health	Noise
	1. Somewhat 2. Yes 3. DNC - Some concern with the noise level. I am totally against windmills in Lake Erie	Human Health	Health Concerns

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>4. Somewhat 5. Concerns regarding the view. Landscape of Lake Erie coastline. My husband and I live on the lake - by choice because of the view and rural area. I am also concerned with the sound. We live in a very quiet area where only nature sounds can be heard. Also, concern with the health issues from sound of steady "whomp" from blades.</p>		Noise
		Project Details	Project Sitting/Location
	<p>1. Somewhat 2. Yes 3. Oppose - This project if turbines are built near my home will decrease my property value and may make it impossible to sell my home. 4. Yes 5. DNC</p>	Socio-Economic	Property Values
	<p>1. Yes 2. Yes 3. Support 4. Yes 5. Please keep me in mind if your company is interested in acquiring land. I have a 62 acre parcel of land at in Fisherville (no buildings on property). I have been considering selling it for the last couple years roughly 1 1/2 from the lake.</p>	Socio-Economic	Financial/Community Benefit Wind Support
1/11/2010	<p>I have some concerns regarding the placement of the Windmills in Haldimand County and their effect on the scenery and wildlife in the area. I understand that the questions asked of the presenters at the last open house weren't answered very well. Can you let me know where I can get a map of exactly where they plan to put these windmills and information as to who to contact to get real honest answers to questions?At the meeting in Jarvis Nextera had a program on their computer that showed where wind turbines would be allowed under the Green Energy Plan. Is that available to us residents?</p>	Socio-Economic	Community Consultation
		Human Health	Health Concerns

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
		Environment	Other Animals
		Project Details	Project Sitting/Location
1/12/2010	A voicemail from [Stakeholder] from the Hamilton Carpenter's Union offering to help find a contractor for the Nanticoke project.	Socio-Economic	Financial/Community Benefit
1/23/2010	<p>Im writing to express my strong objection to the building of wind turbines near my home. I live on 2 km from Lake Erie. If turbines are built between my home and the lake it will destroy my lake view. The minimum set back is only 550 metres. At that distance my family will be subjected to unwanted constant noise and vibration.</p> <p>I have been living here for over 12 years. I built my home here to be away from noise and intended it as my retirement home, now that plan is destroyed. If turbines are built nearby north or south of my home it will most certainly reduce my property value and may in fact make it difficult or impossible to sell my home even at a reduced price.</p> <p>I have put my life savings into this home expecting to enjoy peace and quiet. If I have to move my home to get away from these turbines I will certainly take an economic loss. I don't understand why the building of these units do not take into account the true economic cost to all involved. Your company is subsidized by the Ontario government and will make a profit, the property owners leasing to you will be paid for their land, home owners like myself will be only subjected to losses if they must leave because of the turbines.</p> <p>Therefore i want it recorded, including the Environmental Assessment comments, that I am totally against the building of these turbines near my home and hope it never happens.</p>	Socio-Economic	Financial/Community Benefit Property Values Visual
		Human Health	Noise
		Project Details	Regulatory Processes

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
			Regulatory Setbacks
2/26/2010	Concern regarding the proposed Wind Farm in Haldimand County.	Environment	Environment (Non-specific)
3/22/2010	An email from Mark Gallagher to [Stakeholder] regarding concerns and additional information requested at the Open House. The additional information included property values, health, and stray voltage.	Human Health	Stray Voltage
		Health Concerns	
	Socio-Economic	Property Values	
	An email from Mark Gallagher to [Stakeholder] regarding concerns and additional information requested at the open house. The additional information requested included property values, health and stray voltage.	Human Health	Stray Voltage
Health Concerns			
Socio-Economic	Property Values		
6/18/2010	[Stakeholder]inquires about whether the Nanticoke wind farm is the same as Summerhaven wind energy centre. As well as asking about who is doing e-house for the site, as he has a company that could do it.	Socio-Economic	Financial/Community Benefit

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
10/7/2010	<p>We are [Names]. We own property on the of Fisherville, within what is now your Summerhaven project. We currently hold a lease agreement with Capital Power. Looking at the documents posted to your website yesterday, our property has not been designated as a site for turbine location. We would appreciate communication with your representatives to explain the reasons why our property has been excluded. In all of our dealings and communications with Capital Power we were left with the very strong impression that our property had prime space available for turbine location. Viewing your map, it seems to us that the guidelines which were previously explained to us, ie, cannot be within X number of feet from a bush area, do not seem to apply.</p> <p>We also have a question about your relationship and or inclusion of native communities in this project. Capital Power was very specific in including open communications and input from the native communities in this area, but at the meeting and on your site there isn't any mention of this from your company. I am Metis and have a definite interest in the development and future of this project.</p> <p>Further to that, my husband's family has been in the town of Fisherville for 150 plus years, and owners of our current property for 25 years. To have such a connection with the immediate area and be excluded without a single communication from your company is disappointing to say the least.</p> <p>We would greatly appreciate communication from you so that these and other questions can be addressed.</p>	Aboriginal Interests	Aboriginal Consultation
		Project Details	Project Details
	[Stakeholder] saw the project map and was concerned a wind turbine was on her property.	Project Details	Project Sitting/Location
	[Stakeholder] wanted to know where turbines were located in relation to her home. I explained that the nearest NextEra turbines were north of Concession 4. She does not agree with the project and has concerns about property values and noise. She intends to submit comments to the MOE to object to	Human Health	Noise
		Project Details	Project Sitting/Location

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	the project.	Socio-Economic	Property Values
	Called and left a message at the office. Had questions (not specified) about the project.	Project Details	Project Details
	[Stakeholder] Did not have a car or internet access. Wanted project information: -Whether or not migratory bird studies had been done. -When construction would begin Dropped off project summaries on 7 Oct.	Environment	Birds
		Project Details	Project Construction
	[Stakeholder] wanted to see a map of the project.	Project Details	Project Sitting/Location
10/8/2010	Called with concern over proximity to Christian school near Jarvis and potential for noise vibration, based on assumption they are very close to bedrock. Has other acquaintances that may be part of the project so didn't want to ruin it for them but was concerned about the school. Explained setback distances for noise but noted that geotechnical studies specific to ground vibration potential was not part of REA but did receive some consideration under former EA process. Was also concerned that there was only 2 days after the open house to provide comments.	Socio-Economic	Community Consultation
		Human Health	Noise
		Project Details	Regulatory Setbacks
	I was told by [Stakeholder] that there is a wind turbine slated to go in behind his house and on his farm. Some concerns are: My paddocks come right up to this field and I have 4 horses, so I would like to know how close the turbine would be from me? Talking to 2 real estate agents from this area (1 of them just appraised our house) are telling me that these wind turbines will effect the currant value of my property. If these wind turbines do effect the quality of my living and I do have to sell WHO will be responsible if there is a lose of value to my property?! would very much appreciate if someone could sit down with me and go over all my concerns	Project Details	Project Sitting/Location
Socio-Economic	Property Values		

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
10/12/2010	Noticed that some homes were less than 550m from turbines. Had concerns that 550m was inadequate.	Human Health	Noise
		Project Details	Regulatory Setbacks
10/22/2010	Concerned about property values and wants compensation or for NextEra Energy to buy his home. Feels he won't be able to sell his 5yr. old home or it will sell below market value. Discussed with him that studies showed no change in property value in vicinity of wind farms. He said he has studies that show that values are impacted. Wants to meet to show us his studies and to see our studies.	Socio-Economic	Property Values
		Please find attached the additional information that you requested relating to the Noise Report for the Summerhaven Wind Energy Centre. Please advise if this is sufficient for your review. If you would like any confirmation on the number of turbines relative to the location of your residence, or want to discuss the noise analysis or methodology please let us know. Should you have any further questions please do not hesitate to contact Thomas Bird of NextEra Energy Canada or myself.	Human Health
Project Details	Project Sitting/Location		
11/23/2010	Discussion of concerns about turbine locations and setbacks. Request for location of project map and discussion for concern for inadequate setbacks from residential	Human Health	Noise
		Socio-Economic	Community Consultation

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	buildings for turbines. Discuss the provincial distance requirements for setbacks and states he has been in contact with the Ministry of Environment. Wants his comments to be part of the consultation record and wants to speak with a representative at the public meeting.	Project Details	Project Sitting/Location Regulatory Setbacks
11/26/2010	[Stakeholder] called about not receiving a notice to the open house in December.	Socio-Economic	Community Consultation
11/29/2010	Notice of final public meeting mailed to [Stakeholder].	Socio-Economic	Community Consultation
11/30/2010	Wanted to know if the Capital Power wind project was in the same area and had concerns about visual impact, health and property values. Felt that there would be too many turbines in the area. I explained that there was some overlap in the project locations, but that cumulative noise modeling was undertaken as per MOE requirements.	Human Health	Health Concerns
			Noise
		Socio-Economic	Property Values
			Visual
	We're writing this letter to express some concerns about the wind turbines that are to be located to the North and South of our property. We have two young children ages 8 and 6. We are concerned about the noise, low frequencies and flicker that these turbines produces and the effect that they may have on ourselves and our children. It also appears that there is to be an access road and transmission line extremely close to our house. If these wind turbines, access roads and transmission lines effect the quality of our living who will be responsible? If the value of our home is effected who will be responsible? With these questions and concerns we would appreciate it if someone could contact us to discuss and clarify these issues.	Human Health	Flicker
			Noise
		Project Details	Project Sitting/Location
		Socio-Economic	Property Values
12/1/2010	Jeff Wright responded to an inquiry regarding the noise study report.	Human Health	Noise
	Received email from [Stakeholder] regarding the noise study report.	Human Health	Noise

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
12/2/2010	Received phone call concerns about property values and health.	Human Health	Health Concerns
		Socio-Economic	Property Values
	Tom Bird responded to inquiries regarding property values and turbine locations.	Project Details	Project Sitting/Location
	Socio-Economic	Property Values	
12/3/2010	<p>I am a resident of the lakeshore area adjacent to Selkirk Ontario, the development site of your Industrial Wind Turbine Project. It has recently been brought to my attention that any individual residing in this area wishing to sell their property must complete the following disclosure document. The Ontario Real Estate Association (OREA) Seller Property Information Statement (Form 220, Page 2 of 3) under subsection ENVIRONMENTAL: ARE THERE ANY HYDRO GENERATING PROJECTS PLANNED FOR THE IMMEDIATE AREA? e.g. WINDMILLS. When the OREA find it necessary to collect and disclose information of this nature there is no question that it directly impacts property values and potentially the ability to sell the property at all. We must get in sync with this right away and not even begin to pretend that wind turbine development doesn't impact property value. I have first hand information from a very well respected area real estate agent that sales deals have been challenged and successfully terminated once the potential buyer learned of the Turbine Project. What will Next Era Energy and the Government of Ontario do for residents with property in proximity to wind turbine projects to compensate for this atrocity? This is a project that due to Bill 150 was sanctioned by the Government without any democratic process. Extraordinary and unfair costs are being downloaded to property owners while their peaceful quality of life in these beautiful rural areas is being completely destroyed. Additionally I have first hand information from a very well respected area real estate agent that sales deals have been challenged and successfully terminated once the potential buyer learned of the Turbine Project. I am a member of the majority of area residents that strongly oppose the turbine development. There is a growing body of evidence based information that indicates this is not an affordable energy option for Ontarians, there are very serious health dangers for humans, significant decline in property values as well as the hideous devastation to the beauty of the rural areas of Southern Ontario. I am continuing my research with respect to health issues</p>	Human Health	Health Concerns

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	attributed to wind turbine proximity. I eagerly await your response.	Socio-Economic	Property Values
		Socio-Economic	Visual
12/6/2010	<p>Gentlemen, we just received the notification today (Dec. 6) of the meeting you have scheduled for December 7, 2010 regarding the Nanticoke Wind Farm Project. This project is probably one of the finest railroad jobs that we have witnessed against farmers, landowners and residents of the area of Rainham Township in Haldimand County. The [Stakeholder] families, the [Stakeholder]families, the [Stakeholder]families, the [Stakeholder]families, the [Stakeholder]families, the [Stakeholder]families, the [Stakeholder]family and the [Stakeholder]family are all greatly concerned about the affect this will have on our families. We are concerned about the future property values that are sure to drop. Not to mention the health concerns that we have. What affect will this have on the wild life? Noise pollution will be a problem. The amount of farm land that is going to be wasted by the roadways and areas around these units, is ridiculous. Further concerns will be sent to you at a later date. WE DO NOT WANT THESE WIND TURBINES IN OUR AREA AT ALL!!</p>	Human Health	<p>Health Concerns</p> <hr/> <p>Noise</p>

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
		Socio-Economic	Property Values
	<p>Thank you for your message and letting us know of your concerns regarding property values and health. NextEra Energy has had a great deal of experience in this area, having investigated claims and concerns relating to the health effects of wind turbines extensively we can attest to having the best practices in the industry that avoid or eliminate these concerns. We'd like to share information about NextEra Energy Resources that we hope will reassure you of our commitment to safety. First and foremost, NextEra Energy Resources has never received a confirmed or documented claim of health effects from anyone, and we have deployed more than 9,000 wind turbines across North America. NextEra Energy designs its wind farms in accordance with all relevant regulatory requirements. We use only the state-of-the-art technologies and construction techniques in building our world-class facilities. Each one of our facilities meet and adhere to international, national and provincial safety standards. It is understandable that the introduction of any new development to a community can create questions related to property values. I would like to point out that a growing body of research clearly demonstrates that there is no long term impact to the property values in the vicinity of a wind farm. For example, a very recent study of a 240 turbine wind farm in Illinois looked at 3,851 real estate transactions from 2001 to 2009. The study was titled 'Wind Farm Proximity and Property Values: A Pooled Hedonic Regression Analysis of Property Values in Central Illinois' and the following is from the executive summary of the report: The estimation results provide evidence that a "location effect" exists such that before the wind farm was even approved, properties located near the</p>	Human Health	Health Concerns

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	<p>eventual wind farm area were devalued in comparison to other areas. Additionally, the results show that property value impacts vary based on the different stages of wind farm development. These stages of wind farm development roughly correspond to the different levels of risk as perceived by local residents and potential homebuyers. Some of the estimation results support the existence of "wind farm anticipation stigma theory," meaning that property values may have diminished in "anticipation" of the wind farm after the wind farm project was approved by the McLean County Board. Wind farm anticipation stigma is likely due to the impact associated with a fear of the unknown, a general uncertainty surrounding a proposed wind farm project regarding the aesthetic impacts on the landscape, the actual noise impacts from the wind turbines, and just how disruptive the wind farm will be. However, during the operational stage of the wind farm project, as surrounding property owners living close to the wind turbines acquired additional information on the aesthetic impacts on the landscape and actual noise impacts of the wind turbines to see if any of their concerns materialized, property values rebounded and soared higher in real terms than they were prior to wind farm approval. Thus, this study presents evidence that demonstrates close proximity to an operating wind farm does not necessarily negatively influence property values or property value appreciation rates. The estimation results strongly reject the existence of "wind farm area stigma theory" for the area surrounding Twin Groves I and II. I would be happy to provide you with this and other reports that find similar conclusions. I would also be happy to provide a copies of scientific, peer-reviewed literature that demonstrates that there is no direct causal link between wind turbine noise and adverse health effects. Regarding your comment that a majority of residents in the area oppose our project, it has been our experience that there are a significant number of people who welcome our project in the community. We deal with people every day who are in support our efforts to bring clean, renewable energy generation to the community. We will continue to work closely with all community members to ensure that our project is developed in a way that both meets all provincial requirements and considers stakeholder input.</p>		
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
12/7/2010	<p>Dear Mr. Bird: I have communicated with you via email on a number of occasions expressing my concern with your firm's proposed wind farm in Haldimand County. The main issue that I have relates to the provincially mandated setback allowance of 550 meters, which is significantly smaller than the allowances established by other jurisdictions, in various nations throughout this planet. This issue is paramount in my concerns, but resides with others that are derivative of your firm's proposed project in my county. Loss of rural character, significant diminishment of property value, and a complete and total loss of the lifestyle we have enjoyed here for nearly two decades. My total commute each day exceeds two hours, and I willingly pay the resultant penalties in order to enjoy what this community and my family have built, which your firm is now for all intents and purposes about to permanently disrupt. As to the main concern of setback allowance, I have forwarded this to Doris Dumais, Director, Environmental Assessment and Approvals Branch, of the Ministry of Environment. In a response, Ms. Dumais advised me to forward this issue to you, the proponent, and ask that it be submitted as part of your REA application to the Environment Ministry. I believe it imperative to ascertain why such disparity exists between scientific, engineering and medical research in Ontario, and their drawing conclusions re: setback allowances, that are drastically at odds with a plethora of similar experts scattered throughout the globe. I respectfully ask that this concern be included, and forwarded along with your REA application to the Environmental Assessment and Approvals Branch, of the Ministry of Environment. Thank you.</p>	Socio-Economic	Property Values
		Project Details	Regulatory Setbacks
	<p>Here are our concerns about having wind turbines in our neighbourhood: 1. Property values going down. 2. Unable to sell our property if we choose to move because of these wind turbines. 3. Health risks living in the vicinity of turbines. 4. Stray voltage.</p>	Human Health	Stray Voltage
			Health Concerns
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>1. Yes 2. No 3. Oppose 4. Socio-economic 5. Opposed because of no benefits for land and property owners adjacent to turbines they are not efficient. Opposed because of drop in property values and loss of tax base. Opposed because Haldimand County gets very little in tax assessments. Opposed because clean coal technology plus OPG Nanticoke provide more jobs, more taxes and cheaper hydro for residents of Ontario and Haldimand County.</p>	Socio-Economic	Property Values
			Socio-economic (general)
	<p>1.DNC - Information was all professional wind energy and little presented on negative elements 2.Yes - Representatives unable to answer my questions 3.Oppose - Who would want to live near these monstrosities 4.Human Health, Other - Devaluation of my house 5.No one can tell me how this benefits me, all I see are the negatives. The cost to the environment to build these is extreme and that is not mentioned. Little is mentioned of how my house will depreciate. What about my health? Studies regarding the sound of turbines being detrimental have been minimized. I'm sure Dalton and his buddies at Queens Park do not live near these either now or in the foreseeable future. Haldimand had only one representative in government is opposed to larger urban areas. No one cares about us. Haldimand is becoming a dumping ground for projects no one else in the province wants. I am angry that you are doing this to me!</p>	Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Socio-Economic	Property Values
	<p>1.No - No guarantees for property value 2.No - See above answer 3.Oppose - Due to the fact that if I have to sell I will take a loss 4.Human Health, Other - Property value 5.Is there anyone to offer a guarantee on property value? If I have to sell who will be</p>	Human Health	Health Concerns

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	responsible for any loss in value? What are you going to do to help with the resale value of my home? If there happens to be any health or noise concerns after these are installed what will be done? What tests have been done about ground vibration and who will be responsible for any of the effects it may have.	Socio-Economic	Property Values
	1.No - Outside area for this project but needed invitation to the final information meeting. Sent to my address at 3555 Bains Road 2.No - No information on proposals for my specific area 3.Oppose - Letters of opposition to wind projects in Haldimand sent to Mr. Duguid, Mr. McGuinty, Mr. Hewitt, Ms. Finley, and Mr. Barrett 4.Socio-economic, Human Health, Environment, Other - Liability issues for farmers signing lease agreements 5.DNC	Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Project Details	Regulatory Setbacks
		Socio-Economic	Socio-economic (general)
	1.No - Unable to provide details. I am looking for specifics on health issues, noise and proximity to my property 2.No - I asked if this project is moving forward regardless of objections and the questions were not answered. I was referred to Ministry of Environment 3.Oppose 4.DNC 5.DNC	Human Health	Health Concerns
			Noise
		Project Details	Project Sitting/Location
	1.No - Very one sided 2.No - Could not tell us why this is good or cost or medical concerns 3.Oppose - Not 24 house 365 a year power and too costly 4.Environment, Human Health, Other - cost per kilometer per hour 5. a.Cost per kilometer per hour b.Cradle to grave cost vs. coal or nuclear c.Why only our information on the good side of wind? d.Why not build right outside of cities that use the power. e.Why not build out in the Lake? f.Why use up good farmland? g.Who's being paid under the table to put this all in Haldimand County?	Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Project Details	Project Operations

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>h.How much has the farmer being paid to put on his land? i.Who decided on how many meters from a house? j.Who no wind farms put on land that OPG already owns? k.Does the government not like Windmills on their land? l.Who not any on the Nanticoke industrial land?</p>		Project Sitting/Location
		Socio-Economic	Property Values
	<p>1.No 2.Somewhat 3.Oppose 4.Human Health, Project Details 5.DNC</p>	Human Health	Health Concerns
		Project Details	Project Details
	<p>1.Somewhat - No one has come to my home to share information 2.Somewhat - I was directed to others to call in Summerhaven 3.Oppose - There is no revenue for us and we will have the structures in out sight 4.Human Health 5.We feel that there will be negative property value issues, from sight, sound and electrical currents.</p>	Human Health	Stray Voltage
			Health Concerns
			Noise
		Socio-Economic	Property Values
			Visual
	<p>1.Somewhat - Plans - full scale good to see 2.Yes - Not enough reps to answer questions 3.Neutral - Only worry is noise heard from Town of Jarvis 4.Environment, Human Health 5.I would like to know when the plan is finalized and when all turbine locations are known. Most concerned bout one near Town of Jarvis behind school, but I see it is not on the current plan. Is this turbine out for good?</p>	Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Project Details	Project Sitting/Location
		Project Details	Regulatory Setbacks
		Environment	Environment (Non-specific)
		Human Health	Health Concerns
			Noise
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>1.Somewhat - The land area that belongs to NextEra goes around our land. My concerns are placement of turbines</p> <p>2.Yes - Ben had well educated answers. My only question that cannot be answered is for future placement</p> <p>3.Oppose - I don't like the wind turbines at all. There are still too many questions around noise studies and vibrations</p> <p>4.Human Health</p> <p>5.I believe that this Project and any others that will put up wind turbines are dangerous to humans – more space is needed than 550m. I think things like this should be put up in the northern unpopulated areas of Canada. There is plenty of wind up there. If the proposed sites change position, I want to be notified immediately.</p>	Human Health	Vibrations
			Health Concerns
			Noise
		Project Details	Project Sitting/Location
			Regulatory Setbacks
	<p>1.Somewhat - we need to know the physical on our house at the South end of on the Lake</p> <p>2.Somewhat - We are more concerned about the potential Capitol Power Wind Turbines which will be very close to us</p> <p>3.Oppose - Wind power is never satisfactorily replace the output from Naticoke Generation Plant (OPG)</p> <p>4.Project Details</p> <p>5.If they close down the Naticoke Plant, which exports electricity to Ohio, USA. Ohio will have to increase their output and case even more pollution from Ohio into SW Ontario</p>	Environment	Pollution
		Project Details	Project Details
	<p>1.Somewhat</p> <p>2.Somewhat - They were always tied up, Josie met us at the door with a smile and directed us</p> <p>3.Support</p> <p>4.Socio-economic, Environment</p> <p>5.DNC</p>	Environment	Environment (Non-specific)
		Project Details	Project Details
	<p>1.Somewhat</p> <p>2.Somewhat</p> <p>3.Oppose</p> <p>4. Aboriginal Interests, Socio-economic, Environment, Human Health, Project Details, Other - Real estate values</p> <p>5. a.As infrasound is a growing concern with many industry professionals, including Dr. Alec Salt and although not referenced in Ministry documents. How is NextEra going to ensure the placement of these wind turbines are not going to adversely effect theirs?b.As there are many turbines proposed on the east and west side of the high voltage</p>	Aboriginal Interests	Aboriginal Consultation
		Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Project Details	Project Details

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	transmission lines; how will the noise levels be effected at POR's?(ie. Noise travel patterns through the lines)	Socio-Economic	Project Sitting/Location Property Values Socio-economic (general)
	1.Somewhat 2.Somewhat 3.Oppose 4.Socio-economic, Environment, Human Health 5.Questions of the placing of a windmill so close to the bird reserve west of Fisherville. I question the effect of this project on real estate prices in our area. I question the effect on some of my neighbours' health. Wait and see is not the best way to deal with these concerns because once they are up they will be there for 20 years. These questions don't seem to matter. They are acknowledged and downplayed.	Environment Human Health Project Details Socio-Economic	Birds Environment (Non-specific) Health Concerns Project Sitting/Location Socio-economic (general)
	1.Somewhat 2.Somewhat 3.Oppose 4.Socio-economic, Human Health, Other - Property Value 5.We are concerned about our property value going down or our property being not sellable at all. If we do notice a change in our health who is responsible?	Human Health Socio-Economic	Health Concerns Property Values Socio-economic (general)
	1.Somewhat 2.Somewhat 3.Somewhat 4.Original Interests, Socio-economic, Environment, Human Health 5.DNC	Aboriginal Interests Environment Human Health Socio-Economic	Aboriginal Consultation Environment (Non-specific) Health Concerns Socio-economic (general)
	1.Somewhat 2.Yes - Wanted to know what the problems with wind mills and not find out 3.Oppose - I can't be near wind mills, roar in my ears 4.Environment, Human Health 5.Want all health issues to be dealt with, before wind mills are put up. Do not like the idea of birds being killed. We hardly have any birds now. What does the wind mills do to cattle? This is an agricultural area we do not want less cattle to produce milk.	Socio-Economic Environment Human Health	Agriculture Birds Environment (Non-specific) Health Concerns Noise

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	1.Somewhat 2.Yes 3.Neutral, Oppose - Property values 4.Other - Property values and tax assessment 5. a.Devalued property b.Decreased tourism- as promoting Haldimand City – Lake Erie – as Muskoka of the South c.Taxes – doesn't provide the much needed industrial tax assessing to offset taxes to property owners d.Looks – especially after a number of years is rusty and ugly	Socio-Economic	Property Values Tourism Visual
	1.Yes - it is not near our home 2.Yes - your representatives were very knowledgeable and pleasant 3.Support - Summerhaven will not be close to our home therefore I don't see it as a problem however Capitol Power will be very close to us so that is the meeting needed to others 4.Abandonment, Human Health 5.DNC	Aboriginal Interests Human Health Project Details	Aboriginal Consultation Health Concerns Project Sitting/Location
	1.Yes - Change location of wind turbine companies Capitol Power and NextEra 2.Yes 3.Neutral - Too many turbines from 3 companies 200 4.Environment, Human Health 5.DNC	Environment Human Health Project Details	Environment (Non-specific) Health Concerns Project Sitting/Location
	1.Yes - Explained some reasons why no turbines will be placed on out property 2.Yes - All the presenters were most friendly and ready to answer questions and provide explanations 3.Neutral - Am still unsure about the long term effects of wind turbines but do like the green effect 4.Archaeological report - would love to receive detailed report about findings in my area 5.DNC	Socio-Economic	Archaeology / Heritage

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	1.Yes - Good displays and maps, good explainers 2.Yes - Jim Smith was helpful technically 3.Neutral - Don't like possible negative property values in the future 4.DNC 5.DNC	Socio-Economic	Property Values
	1.Yes - Questions were answered satisfactorily 2.Yes - we have a better understanding of the project after speaking to various representatives 3.Support - We feel even more supportive of it than before 4.Abandonment, Human Health 5.The information boards around the room were very helpful. What is your estimate of when the turbines will be in full operation?	Aboriginal Interests	Aboriginal Consultation
		Human Health	Health Concerns
		Project Details	Project Operations
	1.Yes - Very friendly and helpful 2.Yes - I found out how fast wind turbines turn, per house = 100 miles per hour 3.Support - Please get this air cleaned up 4.Environment, Human Health, Project Details 5.DNC	Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Project Details	Project Details
	1.Yes 2.No - No one could tell me what effects wind turbines could have on my health 3.Oppose - No studies have been done regarding health issues 4.Environment, Human Health 5.My main concern is the effects to my health living relatively close to wind turbines. I have friends that live near Kincardine on the shores of Lake Huron and there are a lot of people suffering various health problems living near turbines. I understand out Ontario government doesn't feel a study is warranted. Based on what?	Environment	Environment (Non-specific)
		Human Health	Health Concerns
	1.Yes 2.Somewhat 3.Oppose -Economically viable? 4.Socio-economic, Human Health 5.DNC	Human Health	Health Concerns
		Socio-Economic	Socio-economic (general)

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>1.Yes 2.Yes - Research is such that there are not realistic answers to health hazards 3.Oppose - I don't want a wind turbine in my face, killing birds, or changing the land wildlife. They say effects are minimal, but I won't know until they're up and running, will I? 4.Human Health 5.Your people have done a splendid job explaining all of my questions. I appreciate their help and the time taken to talk to us. I have learned a lot. I know the effects, the structure makeup, noise, bird death threshold (all birds and raptors only), stray voltage, shadow flicker, etc. I know the setback minimum for participating and non participating folks. I know where the closest wind turbines will be. I have heard a lot about health hazards and your people have done their best to minimize my fears. I fear the unknown I guess. I'm not happy to have the wind turbines in my area. If health hazards start happening, will you tear them down? If I want to sell my house/property, apparently my property is worth a lost less. I believe I was here first. How about the wind turbines Samsung puts up? We're on the border, west of their farm.</p>	Environment	Birds
			Environment (Non-specific)
		Human Health	Flicker
			Health Concerns
			Noise
			Stray Voltage
		Project Details	Project Sitting/Location
	<p>1.Yes 2.Yes 3.Neutral 4.Human Health 5.I am concerned about my property values being less than what I purchased it at when I go to resell.</p>	Human Health	Health Concerns
		Socio-Economic	Property Values
	<p>1.Yes 2.Yes 3.Neutral 4.Socio-economic, Environment, Human Health, Project Details 5.DNC</p>	Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Project Details	Project Details
		Socio-Economic	Socio-economic (general)

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>1.Yes 2.Yes 3.Oppose - Concerned about health effects and what will be done if the studies show that turbines are bad for us. Who will be responsible for the solution? 4.Human Health, Other - Impact on wireless internet 5.When the health studies are complete, if they found to be valid health concerns with turbines who will resolve the issue with the turbines. Turbines should not be grandfathered to protect our safety.</p>	Human Health	Health Concerns
	<p>1.Yes 2.Yes 3.Support - I am in full support of this project, it is a very good use of land and will have little to no affect on the community in any way 4.Socio-economic, Project Details 5.Wind energy may not always be consistent and it is not the most effective but it uses very little land. It does not pollute and it is safe and completely natural. The development will have a positive effect on the community in terms of lease payments to landowners. The county will win in tax dollars. The interest in enthusiasm generated by this project and the other two projects are very positive for the community.</p>	Environment	Pollution
		Project Details	Project Details
		Socio-Economic	Socio-economic (general)
	<p>1.Yes 2.Yes 3.Support 4.Project Details 5.DNC</p>	Project Details	Project Details
	<p>1.Yes 2.Yes 3.Support 4.Project Details 5.Well Done!</p>	Project Details	Project Details
	<p>1.Yes 2.Yes 3.Support 4.Socio-economic, Human Health 5.Very helpful and informative</p>	Human Health	Health Concerns
		Socio-Economic	Socio-economic (general)

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>Hi Jeff,</p> <p>I'm not sure that I mentioned it to you last night, but I had a discussion with one guy at the open house. His comment was "why are you [NextEra] putting a turbine [T18] as close as you possibly can to an Owl Preserve???" My response was that they [NextEra] have setback greater than 120m as required by the MNR, and that we will be monitoring that turbine to see if anything happens.</p> <p>There were a few other concerns about birds which were raised, but I think that the people were satisfied with the response. These include:</p> <ul style="list-style-type: none"> -Turbines near lakeshore where raptors and waterfowl descend through the rotor-swept area to land/roost -Great-blue heron rookery (which we identified) – nearest turbines are ~800m+ in two directions [T20 and T60] -Red-headed woodpecker (which Dave Martin identified and we reported) – nearest turbine is T14, T20 and T60 -"bat sanctuary" near Fisherville – this seemed anecdotal and unsubstantiated...and she couldn't actually pinpoint where it was -a few discussions about raptors 	Environment	Birds
	<p>I had two people ask me for some additional arch info during the Summerhaven Open House. 1.[Stakeholder]. They have turbines 34 and 35 on their property. They are hoping they could receive a summary map of the arch finds on their property. 2.[Stakeholder]. For general interest would like a summary of all of the archaeology finds to date in the study area.</p>	Socio-Economic	Archaeology / Heritage

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>Very few things to pass along. Most of the questions were general in nature.</p> <p>Only one obviously opposed (and agitated) person whose main concern was wasting the capital investment in Nanticoke. He feels that scrubbers and clean coal are the answer, supported by nuclear and that renewables are expensive and unreliable. Coincidentally, he is a retired Hydro One lineman.</p> <p>One comment received was the OH was superior to Capital Power's. The Board were easier to read.</p> <p>[Stakeholder] stated his neighbor with a turbine, [Stakeholder] has the remains of an old tannery on his land, and possibly other old structures. This is on Concession 5 and he would be pleased to point the locations out.</p> <p>The last items was a landowner (did not get his name) who was somewhat frustrated with lack of information about status and schedule of the project. My impression was he did not feel there was one "go to" landman, and I suggested he touch base with Ben through Burlington.</p> <p>Everyone else I spoke to was either clearly supportive, or genuinely interested in factual information to consider.</p>	Project Details	<p>Project Schedule</p> <hr/> <p>Support for Project</p>
12/8/2010	<p>Mr. Bird,I have read your response with complete disappointment.You have not answered my question but rather have chosen to respond with rhetoric and a well practiced sales pitch.I attended the Nextera Energy Open House in Jarvis last evening, December 7th, specifically to engage in discussion with you. Again I must emphasize my complete disappointment with this exchange. I presented to you The Ontario Real Estate Association (OREA) Seller Property Information Statement - Form 220 in its entirety, and specifically brought to your attention Page 2 of 3, subsection ENVIRONMENTAL: ARE THERE ANY HYDRO GENERATING PROJECTS PLANNED FOR THE IMMEDIATE AREA? e.g. WINDMILLS. We agreed the purpose of the ENVIRONMENTAL section is to disclose SERIOUS ENVIRONMENTAL PROBLEMS. During our discussion you very unwillingly conceded and</p>	Environment	Environment (Non-specific)

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>acknowledged that WINDMILLS are classified with TOXIC WASTE, WASTE DUMPS, DISPOSAL SITES and LANDFILLS.</p> <p>(attachment) You further explained to me that there is no planning process whatsoever at Nextera Energy to compensate property owners for their loss. Again I will ask you the question you failed to answer from my initial email of December 3, 2010. What will Next Era Energy and the Government of Ontario do for residents with property in proximity to wind turbine projects to compensate for this atrocity? This is a project that due to Bill 150 was sanctioned by the Government without any democratic process. Extraordinary and unfair costs are being downloaded to property owners while their peaceful quality of life in these beautiful rural areas is being completely destroyed. In your response below you stated "it has been our experience that there are a significant number of people who welcome our project in the community" I must respond that I spent about 1.5 hours at your open house yesterday and spoke directly with at least 25 community members. ALL - 100% - of those individuals I spoke with were opposed to the wind turbine development. I also repeatedly overheard conversations of community members expressing concern to your staff. This would leave one to believe that the only community members welcoming your project are those who will benefit financially. This sure sets the stage to pit neighbour against neighbour. I have been copying my local politicians on these email exchanges and have had several discussions directly with Leroy Bartlett. I understand these politicians are keenly aware of the concerns of their constituents and that they feel somewhat powerless due to Bill 150. This serious issue is however occurring "Under their Watch" and it is certainly the expectation of all community members who oppose this development that more can be done to prevent this very serious problem from occurring. Please accept this as my comment, received by Nextera Energy before December 9, 2010, to be included in your application and to become part of the public record. Please provide an email confirmation to me of same.</p>	Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>I cannot support the Summerhaven Wind Energy Centre or any other wind energy projects. I have not seen any public information which proves wind energy as an acceptable alternative to water, nuclear, natural gas or coal. There are two main arguments which must be addressed to convince me that public wind energy projects should be pursued: 1) production of wind energy cannot be controlled - from what I have understood, each wind installed kilowatt must have on-line, ready installed back-up - this hot back-up has to be the conventional, controllable energy sources. 2) because of 1) above, it is not acceptable to me as a taxpayer to pay a premium for energy produced by wind in order to enable wind energy projects to proceed. If they are indeed viable, they should not require public financial support. Have a trusted independent expert consulting company review these wind energy projects and publish the results. Perhaps this has already been done - please refer me to where the results were made public. I do not support the closure of the Nanticoke coal station and will not until alternative sources are available with equal control and cost.</p>	Project Details	Project Details
12/9/2010	<p>Stakeholder called in to discuss concerns about the safety of bald eagles due to wind turbines. In addition, the stakeholder received the notification for public meeting 2 after the meeting happened.</p>	Environment	Birds
	<p>Stakeholder called in to discuss landowner compensation contract details and that the notification for public meeting 2 was received after the meeting.</p>	Project Details	Project Details
12/10/2010	<p>I see some turbines are near me 3rd concession between, what effect has there been to house values near these turbines. I and several of my neighbors are quite concerned. Also I have a son who has an uncontrolled seizure disorder and am concerned about any effects to his health from noise, etc., have any studies been done to this effect.</p>	Human Health	Health Concerns
			Noise
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>This email verifies that I have received your correspondence below and the attached letter in MS Word. I have also received a hardcopy of your Dec. 1, 2010 letter in hardcopy form along with your subsequent email regarding infrasound. NextEra Energy Canada, with assistance from Golder Associates Ltd. technical specialists as requested, are presently evaluating your questions in conjunction with running a final noise model to be included in the REA submission to MOE. The noise model updates are required as the result of design changes stemming from public consultation and design modifications made by Nextera Energy Canada. A summary of the design changes will be included in the Site Plan report and can be communicated to you. Once the final model is complete then a response to your questions will be provided based on the most up to date results and applicability of your original questions. If you have further questions or concerns with this approach please advise.</p>	Human Health	Noise
12/13/2010	<p>I realize that there were open houses. Any one that I have talked to that attended the meetings were unable to have any of their questions answered properly.</p> <p>At this time I am asking the county to answer the questions and concerns that I have.</p>	Socio-Economic	Community Consultation
	<p>We have property on close to Port Dover not too far from East Quarter Line Rd. We have received information from a company called Capital Power Corporation regarding a wind project called Port Dover and Nanticoke Wind Project. This project seems to overlap with some of the same areas as your company; Summerhaven Project. Please explain how this will work or if there is just one company doing a wind project in this area.</p>	Project Details	Project Details

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
12/14/2010	<p>Good afternoon,</p> <p>I was just wondering if you could send me the notice for the additional final public meeting being held on January 10, 2011 in Fisherville. My parents live in the area and would like more information. A friend of theirs said there was a notice in the local newspaper, but I do not have a copy.</p>	Socio-Economic	Community Consultation
12/16/2010	<p>I was wondering if there has been any studies done on the impact of vibration from the wind turbines traveling through the towers into the ground. And what effect that it has on the underlying ground and rock formation seeing that this area has a shale rock foundation.</p>	Project Details	Project Construction
		Human Health	Vibrations

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
12/23/2010	<p>I am not opposed to the Summerhaven Wind Energy Centre but as I review the documents on www.CanadianWindProposals.com I cannot find any studies or information concerning the underlying abandoned gypsum mines.</p> <p>As you may or may not know, much of Haldimand County was once mined for gypsum and I understand that the tunnels remain under much of the county south and west of Highway 6. I have heard, though I have not researched, that tunnels extend for many kilometres south and west of Highway 6 and that tunnels may underlie property which my wife and I own on Concession 6 Road in Rainham. This means that abandoned gypsum mining tunnels may underlie your study area for the Summerhaven Wind project.</p> <p>As you know, the bedrock in this area is fractured limestone.</p> <p>I have no expertise in geology but it would seem to me that if you erect wind turbine towers on a base of fractured limestone with underlying abandoned mining tunnels there is the possibility that the vibrations from the turbines will cause subsidence into the mining tunnels.</p> <p>I would appreciate receiving information from your Company which shows that the risk of subsidence into abandoned mine tunnels in Haldimand has been studied and that attempts to quantify the risk that might result.</p>	Project Details	Project Construction

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
12/29/2010	<p>I am a Ministry of Culture and Tourism licensed archaeologist and currently conducting a 20 year regional interdisciplinary study of Haldimand/Norfolk County. The wind farms proposed for development in these two counties require archaeological impact assessments before development can proceed. The goals of this scientific study are to determine what hydrological, geological, and ecological resources and environments existed after the disappearance of glaciers 15,000 years ago, and evidence of the early peopling of the Great Lakes region. The data collected from this regional interdisciplinary study will eventually be used towards a doctoral dissertation. In order to maintain a consistent data base over the whole study area it is necessary to collect all field reports for all archaeological explorations and excavations requested by developers. Access to artifacts for examination and analyses will be necessary. I will need to know the name of the archaeological consultant company, their contact information, and including your company's permission to obtain a copy of all field reports written by these archaeological consultants when projects are completed per farm property.</p>	Socio-Economic	Archaeology / Heritage

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
12/30/2010	<p>I enjoyed our recent discussion regarding materials and construction plans for your Summerhaven project. As you may recall, I indicated to you that we are prospective material suppliers for ready mix concrete and roadway aggregates through our subsidiary companies: Inter County Concrete – Dunnville and Hamilton Dunnville Rock Products – Dunnville, ON Waterford Sand & Gravel – Waterford, ON Norfolk Quarry – Norfolk County, ON Canadian Slag Services Inc – Nanticoke, ON</p> <p>You indicated that you would advise me of your Buyer contact (Jill ?) so that we can get on your prospective bidders list. Also, you suggested that I forward my specific material queries to Clay Cameron of Next Era Energy, which I am now doing via a copy of this message: Concrete Volume: The Construction Plan Report indicates each turbine footing is 17m x 17m x 3m. That is about 867 cu m per foundation or a total of 52,887 cu m for 61 turbines. However, Table 5 in the report indicates only 16,000 cu m will be required for the entire project. We are wondering which is closer to your estimated needs. Granular B Aggregate Table 5 indicates a minimum of 0.25m depth required for access roads. 42 Km of access roads at 7.3m wide and 12 Km at 11m wide adds up to 438,600 sq m. At a min depth of 0.25m and a density of 2.1 t/cu m, that's a total need for 230,000 tonnes of Gran B aggregate. Are we calculating this correctly? Granular A Aggregate Using data from your report, we calculate a minimum requirement of 243,000 tonnes. Aggregate Availability Aggregate demand appears to be in the vicinity of 500,000 tonnes or more. This quantity of raw stone is available in the project area but it does take some time to crush, screen and prepare these large quantities. We would suggest that you may want to "pre-tendered" aggregate supplies so the successful bidder can start processing prior to specific contract awards. Blast Furnace Slag Aggregates We currently process all blast furnace slag at US Steel Lake Erie Works which is conveniently located close to your project area. We process and sell both Granular A and B slag aggregate at that site and could supply to your project at a very attractive price, considering the close proximity of our plant to your project sites. We understand your need for MOE approval on the use of this material and are certainly willing to provide any technical information required, including leachate analysis of material prior to shipment. I am available at your convenience to meet to discuss any of the above and would suggest it would be prudent to do so sooner rather than later.</p>	Project Details	Project Construction

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
1/7/2011	<p>Good day gentlemen Just following up on this project to check on the status and if you have moved ahead closer to the construction stage . Please advise</p>	Project Details	Project Construction
	<p>We are still looking to your Co. for help.</p> <p>The Question remains ,what is in this for "us" ?</p> <p>Some items you could sweeten the climate with ; Contribute funds to pay a lions share of our property Taxe's.</p> <p>Work with IMPAC to facilatate a major reduction in our property evaluation,hence Taxe's.</p> <p>Work with Haldimand to reduce the Tax base of affected Properties.</p> <p>Reduce the visual impact of the Structers.</p> <p>We spoke about the Colours chosen and you suggested it had to do with Air space</p>	Socio-Economic	<p>Financial/Community Benefit</p> <p>Property Values</p> <p>Visual</p>
	<p>Again - thank you for the reply - If I correctly understand Mr Barrett's position stated below on wind energy viability, I expect that he will publically and continually oppose any wind energy project for any location. I would appreciate being referred to where his position on wind energy viability has been made public.</p> <p>I am forwarding this communication to wind energy project contacts with the request and hope that they can provide independent, definitive reports on the viability of any wind turbine energy project. How can these taxpayer subsidized projects for energy sources - which as energy suppliers cannot stand alone but must be backed-up by hot, immediately available energy from conventional sources, how can they be considered the right thing to do ? Please refer me to independent, expert consultant reports that make the case.</p>	Socio-Economic	Socio-Economic (General)
1/10/2011	<p>1.No 2.No 3.Opposed, Too many homes in area. 4.Aboriginal Interests, Socio-economic,</p>	<p>Aboriginal Interests</p> <p>Environment</p>	<p>Aboriginal Consultation</p> <p>Environment (Non-specific)</p>

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	Environment, Human Health, Project Details 5. Would like copy of Detailed Layout Map.	Human Health	Health Concerns
		Project Details	Project Details
		Socio-Economic	Socio-economic (general)
	1.No, It is difficult to read boards when people are mulling around. 2.No, My questions were not answered, the reps did not know the answers. 3.Opposed 4.Environment, Human Health 5.The effect of wind turbines on human health has not been adequately addressed. I am not reassured by the medical officers of health, Arlene King that wind turbines do not affect human health when people all over Ontario have been affected with the 550m setback. There is significant scientific uncertainty about the setback distance which runs against the "precautionary principle." People have suffered from living too close to turbines. Many peoples' lives have become a living hell. Had Arlene King, MOH, listened to any of these people! There have not been adequate health studies!	Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Project Details	Regulatory Setbacks
	1.No, Property value impact, where was the survey done? 2.Yes 3.Opposed, At great expense it still will not be nearly adequate of coal. 4.Other (Property Values) 5.What will be the financial impact on: users, property owners, real estate taxes?	Socio-Economic	Property Values
	1.Somewhat 2.No 3.Opposed 4.Socio-economic, Environment, Human Health, Other (Property Values) 5.Tundra swans and Canada geese fly and land in front and behind out house when migrating. I am concerned they will change their migratory path and not get adequate food for migration. Property values decline. Who is going to pay if I loose money on my house due to the windmills? Health concerns.	Environment	Birds
			Environment (Non-specific)
		Human Health	Health Concerns
		Socio-Economic	Property Values
			Socio-economic (general)

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>1.Somewhat 2.Somewhat 3.Opposed 4.Aboriginal Interests, Socio-economic, Environment, Human Health, Project Details 5.Asked questions. Person was from Texas, so much for out input! I am very put off with this project. Do not want it in my backyard at all. Even do not want it in Ontario! We need a new government election before this project starts. We will not have any green space left and prices will go up in everything. Health problems are back now; so now we have to deal with turbines now, more bad health and aniamals and birds and most of all peoples' health.</p>	Aboriginal Interests	Aboriginal Consultation
		Environment	Environment (Non-specific)
		Human Health	Health Concerns
		Project Details	Project Details
		Socio-Economic	Socio-economic (general)
	<p>1.Somewhat 2.Somewhat 3.Opposed, No guarantees for health or property values. 4.Human Health 5.What if there are health effects? Why no guarantees on property values when you have all kinds of reassurances? what about ground vibrations and their effects if you have to attach to bed rock? Why is it a concern when a school is close but not when a family is close to a turbine?</p>	Human Health	Vibrations
			Health Concerns
		Socio-Economic	Property Values
	<p>1.Somewhat 2.Somewhat 3.Opposed, Not happy to be so close to soo many turbines. 4.Human Health 5.Concerned about property values going down. Health cocerns (noise, headaches...). Not able to sell property if we decide to move.</p>	Human Health	Health Concerns
			Noise
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>1.Somewhat, Was hoping to have a better understanding of the view out of my house. 3-D photos didn't come close to my houe. 2-D Google map doesn't give impression including tree lines.</p> <p>2.Somewhat, Expecting an email for unanswered questions. Most other questions answered satisfactorially.</p> <p>3.DNC, Mainly concerned about distrupction of view from rear of house, would feel more comfortable supporting if i could visualize my backyard.</p> <p>4.DNC5.I think the concept of a windfarm is a great idea. Unfortunately I have to take a "not in my backyard" mentality without knowing all the potential negatives regarding the enjoyment of my property. So far everything proposed benefits many other people but nothing for me. When we moved out to the area from a large city, we selected out house because we know that there was potential for development that so many towns closer to our workplaces would probably experience. I would hate to think that this project would reduce my ability to enjoy my house with no benefit to me.</p>	Socio-Economic	Property Values
	<p>1.Yes 2.Somewhat 3.Neutral 4.Aboriginal Interests, Human Health, Environment 5.DNC</p>	Aboriginal Interests	Aboriginal Consultation
		Environment	Environment (Non-specific)
		Human Health	Health Concerns
	<p>1.Yes 2.Yes 3.Neutral 4.Environment, Human Health 5.DNC</p>	Environment	Environment (Non-specific)
		Human Health	Health Concerns
	<p>1.Yes 2.Yes 3.Support 4.DNC 5.Please mail me a finalized copy of the REA</p>	Project Details	Project Details
	<p>1.Yes, I was able to see an actual pin-point of where the closest turbine will be. 2.Yes, I spoke with Neil and some questions I had were answered knowledgably.</p>	Human Health	Health Concerns

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>3.Opposed, I am still opposed to these turbines. There are too many communities affected negatively.</p> <p>4.Human Health, Project Details</p> <p>5.As I have been participating in as many meetings as I am able, I find that no matter what we are concerned about (property value, health(noise/vibration) and tourism disasters, these turbines will be built. There are many many thousands of acres away from built up communities (northern) that this type of environmental change will not effect homeowners. The charts and boards on easles are very informative but they still use information form other countries and some even state "as of now" which will not help out families in the future.</p>		Noise
		Project Details	Project Details
		Socio-Economic	Property Values
			Tourism
	<p>Below are questions/concerns/suggestions I had not heard before.</p> <ul style="list-style-type: none"> * Property value concerns/suggestions (in addition to the frequent request to guarantee property values) * Wants all wind companies to offer to purchase houses and properties for non-participating landowners * Wants non-participating landowners in the project area to have some type of compensation (residential wind turbine for example) * Construction/foundation concerns * One unidentified landowner expressed concerns about turbine foundations that touch bedrock would cause vibrations throughout the project mainly through the area around the bedrock * Same landowner expressed concerns turbine foundations could contaminate groundwater during geotech and construction periods 	Project Details	Project Construction
		Socio-Economic	Property Values
	<p>Comments expressed to me last night: *</p> <p>Concern for loss of property values for non-participating adjacent owners. * Owner did not give name or location * Took away the John Simmons Study (Chatham-Kent) on my suggestion as being more comparable to their situation than the US-based ones *</p> <p>Concern ("certainty of opinion") about negative health impacts * Skeptical of OMAH report as a "review", that did not</p>	Aboriginal Interests	Aboriginal Consultation

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>interview or look into specific landowner complaints * Suggested they consider using the comment forms to give tangible voice to their concern * Observation that the single panel dealing with Aboriginal interests was only about archaeology ("past-tense") * The sensitivity was about casting Aboriginal interests only in the past buttresses current non-Aboriginal perspectives ("out of sight out of mind" type of issue) * Suggested we talk openly about how we are currently working together with Aboriginal communities to help support relationships and awareness*</p>	Human Health	Health Concerns
		Socio-Economic	Property Values
1/13/2011	<p>Mr. Bird or whom it may concern - Our first concern is health issues and close proximity to wind turbines. Computer generated models do not answer any questions with regard to the final outcome because nobody has done a proper scientific study. Secondly - property devaluation, who will cover our loss if there is one due to being in close proximity to these machines. Thirdly - we have lots of bats here on Kohler Rd and a healthy wild bird population and WE will monitor. Lots more but these are my top three, waiting for your response.</p>	Environment	Bats
		Human Health	Bats
		Human Health	Health Concerns
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>I attended the meeting in Fisherville and enjoyed the displays very much. I picked up some literature to read at home and I have some questions that I sincerely hope you will be able to answer.</p> <p>1-Your brochure "Community Benefits" States that your "Wind farms provide a new tax revenue stream" "which can be used for the benefit of all". Question: Based on your experience with your many other installations just how much will my taxes go down because of this new "revenue stream?"</p> <p>2- Land lease payments. Just how much are land lease payments exactly?</p> <p>3- Your brochure "Wind Power Realities - Fact sheet" (Getting the facts straight) Question: Under the heading Economic Considerations - "the costs of wind power have decreased steadily - onshore wind power typically costs 8-12¢/kWh and once the turbines are installed the cost of generating wind power will remain steady for decades." Please tell me exactly what the cost of the wind power from these turbines will be as billed to the Government of Ontario, and exactly what the annual increase will be. I look forward with interest to your prompt reply and the answers to these questions.</p>	Socio-Economic	Financial/Community Benefit
1/14/2011	<p>I am opposed to the Summerhaven Wind Farm being in my backyard.</p> <p>I am in total agreement with [Name] and all the comments and concerns he has listed below.</p> <p>"I would like you to include my comments and concerns with regard to the Summerhaven Wind Farm in your submission to the Ministry of the Environment.</p>	Environment	Environment (Non-specific)

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>There needs to be further studies done - not computer generated studies, but actual time line scientific studies.</p> <p>1. I am opposed to this development. There must be some reason why at least 75 Ontario municipalities are opposed to the use of these huge turbines and have requested a moratorium on wind power projects until rigorous scientific research has been done.</p> <p>2. Health issues - we need long term scientific studies done on the affect these turbines have on humans living in close proximity to wind turbines</p> <p>3. Wildlife - what is the affect on the wildlife in the immediate area? I want to see actual scientific studies done.</p> <p>4. Higher hydro rates - we are going to pay higher hydro rates and we are told that wind mills are only going to produce 5% of the electricity required in Ontario - so what is so green about that in comparison to all of the problems and disruption to farm land that they will cause.</p> <p>5. Property devaluation - it has been proven that property values will decrease after the installation of these wind turbines.</p> <p>6. Flicker or Strobe affect - I would like to see further scientific studies done on this also.</p> <p>7. Our municiplity of Haldimand County will be seeing very little revenue from this development especially for all of the aggravation it is going to cause residents.</p> <p>8. There will be very little or no benefit to businesses and people of Haldimand County as it will be done in such a short timeframe that the employment for people in the area is virtually nothing. "</p>	Socio-Economic	Financial/Community Benefit
		Human Health	Flicker
			Health Concerns
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>I am opposed to the Summerhaven Wind Farm. I am in total agreement with [Name] and all of the comments and concerns that he has listed below. I would like you to include my comments and concerns with regard to the Summerhaven Wind Farm in your submission to the Ministry of the Environment. There needs to be further studies done - not computer generated studies, but actual time line scientific studies.</p> <p>1. I am opposed to this development. There must be some reason why at least 75 Ontario municipalities are opposed to the use of these huge turbines and have requested a moratorium on wind power projects until rigorous scientific research has been done.</p> <p>2. Health issues - we need long term scientific studies done on the affect these turbines have on humans living in close proximity to wind turbines</p> <p>3. Wildlife - what is the affect on the wildlife in the immediate area? I want to see actual scientific studies done.</p> <p>4. Higher hydro rates - we are going to pay higher hydro rates and we are told that wind mills are only going to produce 5% of the electricity required in Ontario - so what is so green about that in comparison to all of the problems and disruption to farm land that they will cause.</p> <p>5. Property devaluation - it has been proven that property values will decrease after the installation of these wind turbines.</p> <p>6. Flicker or Strobe affect - I would like to see further scientific studies done on this also.</p> <p>7. Our municiplity of Haldimand County will be seeing very little revenue from this development especially for all of the aggravation it is going to cause residents.</p> <p>8. There will be very little or no benefit to businesses and people of Haldimand County as it will be done in such a short timeframe that the employment for people in the area is virtually nothing.</p>	Socio-Economic	Property Values
			Financial/Community Benefit
		Human Health	Flicker
			Health Concerns
		Environment	Environment (Non-specific)

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>I am writing to you to express my concerns with the wind farm project proposed to be build around my property. The first time I was made aware of this project was about a year ago. I was called by a person by the name [Name] from TCI Renewables. [Name] came to my house and presented me with an 85 page contract to which he wanted me to sign on the spot and he offered me a cheque for \$1000.00. I explained that I would not sign the document but that I wanted a copy to read over and that I would get back to him. The next day I approached my neighbour and discovered that he had been working with TCI Renewables for more than a year on an agreement to build one or two units on his farm that surrounded my small 0.85 acre property. Since the day Rodney Lawerance visited my house I have never heard from him again or any one else from any wind turbine company. I have received notices in the mail about town hall meetings and I have attended one in Jarvis but found out very quickly that this is a major smoke and mirror project with so many over lapping issues it is hard to get any answered from anybody. I understand that the setback from a dwelling is 550m but I disagree with the entire project moving forward without meaningful studies to show the long term affects of such industrial structures operating in such close proximity to houses. I don't believe that computer models are sufficient to prove that low frequency sound and shadow flicker are harmless to people living at or near this set back allowance. I have already been told that my property value has dropped because I reside in the project zone and at the meetings everybody denies this is the case. I live in the country because I enjoy the piece and the wildlife around my property. I have camped within 2 kms of these wind turbines in other parts of the province and the sound they make as the blades travel through the air is very noticeable to me and my family and I don't want them near my house. I have yet to meet a wind turbine company employee that has lived or currently lives anywhere near a wind turbine and therefore I believe they have no idea what it is like.</p>	Human Health	<p>Flicker</p> <p>Health Concerns</p> <p>Noise</p>
		Socio-Economic	Property Values
		Project Details	Regulatory Setbacks

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>I would like you to include my comments and concerns with regard to the Summerhaven Wind Farm in your submission to the Ministry of the Environment.</p> <p>There needs to be further studies done - not computer generated studies, but actual time line scientific studies.</p> <p>1. I am opposed to this development. There must be some reason why at least 75 Ontario municipalities are opposed to the use of these huge turbines and have requested a moratorium on wind power projects until rigorous scientific research has been done.</p> <p>2. Health issues - we need long term scientific studies done on the affect these turbines have on humans living in close proximity to wind turbines</p> <p>3. Wildlife - what is the affect on the wildlife in the immediate area? I want to see actual scientific studies done.</p> <p>4. Higher hydro rates - we are going to pay higher hydro rates and we are told that wind mills are only going to produce 5% of the electricity required in Ontario - so what is so green about that in comparison to all of the problems and disruption to farm land that they will cause.</p> <p>5. Property devaluation - it has been proven that property values will decrease after the installation of these wind turbines.</p> <p>6. Flicker or Strobe affect - I would like to see further scientific studies done on this also.</p> <p>7. Our municipality of Haldimand County will be seeing very little revenue from this development especially for all of the aggravation it is going to cause residents.</p> <p>8. There will be very little or no benefit to businesses and people of Haldimand County as it will be done in such a short timeframe that the employment for people in the area is virtually nothing.</p>	Environment	Environment (Non-specific)
		Socio-Economic	Financial/Community Benefit
		Human Health	Health Concerns
		Socio-Economic	Property Values
	<p>Please submit all of the following concerns with your Government Application for the Summer Haven Project - Haldimand, Ontario. I am very concerned that extremely limited information has been made available by either your company or the Media with respect to the Turbine Project. The information has consisted of a map noting the Summer Haven "Study Area" and limited and hard to find advertisements relative to "Open House Events". Based on the lack of available information many residents in the project area are unaware of the following very serious items and should this project come to fruition I expect they will feel absolutely blindsided. This project will absolutely ruin the beautiful peaceful lifestyle enjoyed by the</p>	Environment	Environment (Non-specific)
		Socio-Economic	Financial/Community Benefit
		Human Health	Flicker

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>residents of Haldimand. My concerns are with the following major socio-economic issues: •There will be a minimum of 131 Turbines (Summer Haven and Capital projects) in a very condensed area. The project will completely overwhelm the area creating a hideous devastation to the beauty of the rural areas of Haldimand. •Each Turbine will be approximately 500 feet high – this is about 4.5 times the height of hydro transmissions towers, again creating hideous devastation to the beauty of the rural areas of Haldimand. •The Turbines will remain in place for at least 27 years, so my concern is the residents will have to live with this devastation for an extraordinary long period of time without ever having an opportunity to participate in the decision making process. This is unconstitutional. •Concern because property values are already being negatively impacted due to the Ontario Real Estate board collecting data relative to proximity of property to turbines and disclosure of this information in the ENVIRONMENTAL section used to disclose SERIOUS ENVIRONMENTAL PROBLEMS and classifying WINDMILLS along with TOXIC WASTE, WASTE DUMPS, DISPOSAL SITES and LANDFILLS. •Concern that the development is in direct violation of Haldimand County By-law 3.25 Obnoxious Uses in that these structures are absolutely obnoxious and will clearly be used for a purpose not permitted in lands zoned for farming. 3.25 OBNOXIOUS USES No land shall be used and no building or structure shall be erected, altered, enlarged or used for any purpose which: (a) is obnoxious, beyond that which normally could be expected in the operation of a permitted use in the zone in which it is located, (b) could create a health hazard or which could cause the proposed building or structure to be affected by a health hazard as defined and regulated under the Health Protection and Promotion Act, or (c) could cause an adverse effect on a sensitive land use or which could cause the proposed building or structure to be affected by an adverse effect as defined and regulated by the Environmental Protection Act. •Setbacks have been determined without use of a scientific study but rather a simple computer simulation conducted by those wishing to install as many turbines as possible in any given area. •Health Issues are widely reported by people, worldwide, who live in proximity to Turbines yet Health Studies have never be conducted using Humans. •Concerns with respect to the noise emitted by the turbines •Concerns with the flashing lights on the turbines after dark, minimum 4 lights per Turbine x 131 (min.)</p>	Human Health	Health Concerns
		Human Health	Noise
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>Turbines = 524 lights flashing how can you expect people to exist this environment?</p> <ul style="list-style-type: none"> •Shadow flicker and winter weather hazards will impact driving conditions and personal safety. •Concerned that this project will force residents to live in an area similar to an airport runway complete with noise, vibration and flashing lights. •The energy produced from turbines is not an affordable energy option for Ontarians. •While most residents are opposed to the Turbine project there are a few community members on side with your project because they will benefit financially. This sets the stage to pit neighbour against neighbour. •The Turbine project will eliminate the Tourist Trade which our area politicians are trying to enhance. •Rural road ways will be destroyed during the construction phase. •Property taxes will be raised to cover the cost of road repair. •Noise, dust, traffic, and all other disruptions to the residents during the construction phase. •Very limited job creation during the construction phase and much less post construction for maintenance. <p>I am very concerned that all of the very negative items noted above will impact an entire community to provide energy that is not an affordable energy option for Ontarians! Especially unbelievable is that it is happening to an area such as Nanticoke where a facility is currently in place to delivery affordable energy, a facility that could certainly benefit from capital to upgrade the facility to utilize gas rather than coal and continue to use the infrastructure currently in place while preserving very good jobs. If Government funds are available then incentives should be given to Universities to assist the bright students to create true green energy solutions.</p>	Project Details	Regulatory Setbacks
		Socio-Economic	Tourism
		Human Health	Vibrations
		Socio-Economic	Visual
	<p>We are opposed to the Summerhaven Wind Farm. We are in total agreement with [Name] and all of his comments and concerns listed below. Please include them in your submission to the Ministry of the Environment with regard to this project."I would like you to include my comments and concerns with regard to the Summerhaven Wind Farm in your submission to the Ministry of the Environment. There needs to be further studies done - not computer generated studies, but actual time line scientific studies.</p>	Environment	Environment (Non-specific)
	<p>1. I am opposed to this development. There must be some reason why at least 75 Ontario municipalities are opposed to the use of these huge turbines and have requested a moratorium on wind power projects until rigorous scientific research has been done.</p> <p>2. Health issues - we need long term scientific studies done on the affect these turbines have on humans living in close proximity to wind turbines</p> <p>3. Wildlife - what is the affect on the wildlife in the immediate area? I want</p>	Socio-Economic	Financial/Community Benefit

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>to see actual scientific studies done. 4. Higher hydro rates - we are going to pay higher hydro rates and we are told that wind mills are only going to produce 5% of the electricity required in Ontario - so what is so green about that in comparison to all of the problems and disruption to farm land that they will cause. 5. Property devaluation - it has been proven that property values will decrease after the installation of these wind turbines. 6. Flicker or Strobe affect - I would like to see further scientific studies done on this also. 7. Our municipality of Haldimand County will be seeing very little revenue from this development especially for all of the aggravation it is going to cause residents. 8. There will be very little or no benefit to businesses and people of Haldimand County as it will be done in such a short timeframe that the employment for people in the area is virtually nothing."</p>	Human Health	Flicker
		Human Health	Health Concerns
		Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
1/17/2011	<p>The following comments concerning the Summerhaven Wind Energy Centre deal with two primary issues: financial compensation and health. My husband and I own a property which is within the project area and which will be surrounded by 7 turbines less than 2 kilometers from the residence, with many more at a greater distance. The impact of this in terms of sight and sound cannot be denied. We purchased this property over two decades ago as a place we had hoped to retire to in the future. It is a 52 acre parcel with only about 30 acres arable, and its value is not primarily agricultural. It is today a scenic property with a creek meandering through the front of the property, on rolling land in an area which is predominantly flat, with many acres of trees that we planted 20 years ago, and with a house situated on a gentle rise offering a nice view of the surrounding area. We did not expect to have sixty-one wind turbines constructed around us; we do not wish to have a view of turbines in every direction we look. We expected to retire to a quiet, scenic, rural property. The value of this property will be very much diminished by the construction of the Summerhaven project. The argument that property values do not fall within an industrial wind turbine project is difficult to prove because land values are dependent on many variables. Perhaps a large tract of farm land for cultivation would not drop in value, but a residential property unquestionably will. Who would want to purchase a home surrounded by turbines, especially when the single most important factor in real estate sales is "location, location, location"? For every study that NextEra can produce proving no loss of property value, another one showing the opposite can be found. To suggest that rural aesthetics and quality of life are not altered by the presence of turbines is ludicrous. Researching the stories of people trying to sell homes in wind projects reveals not that they drop in value, but that they cannot even be sold. Hence the difficulty in proving a loss of value - once a turbine project is in place, property no longer is marketable. This project area, while the zoning is primarily agricultural, has a substantial number of residential lots, relative to the agricultural ones, that will all lose value in order for NextEra to accumulate profits. The website for NextEra boasts of</p>	Human Health	Health Concerns

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>revenues of over \$15 billion in 2009 - how many homes across North America have been devalued to make this possible? Under the present lease agreements only the "participating" landowners are receiving compensation. This financial inequity is divisive to the community as a whole. Since all home owners within the project area are sharing in the visual and aural impact of the turbines, all ought to have been offered an incentive to have this project thrust upon us. If the turbines can be located so that they only impact the sixty-one landowners who will be compensated, then fairness will have been served. As long as all of the landowners within the project area have to tolerate the presence of these turbines, then everyone should be compensated. If all of the property which is within the project is devalued in order for NextEra to realize a profit, then some form of financial reparation should be in place. There are many models for this - pooling arrangements, royalty payments based on proximity to turbines, number of turbines, size of turbines, wind speed, etc. At the present time NextEra is not disclosing any plans to install more turbines in the future, but even a casual observation of the site plan reveals the project area boundaries to be much larger than the proposed 61 turbines would require. Could we eventually have twice as many turbines in our midst? Or more? Who can prevent this sort of development if the local residents have no control? Under the provisions of the Green Energy Act our local municipality has had been stripped of its power to serve our best interests concerning the regulation of wind turbines. As for the health issues, what is clear is that this is a subject that is very controversial. Until an impartial, reliable, third-party study is done on the health effects of living in proximity to industrial wind turbines there remains a critical question concerning the safety of this or any other wind turbine project. Proponents of wind energy claim that there are no adverse health effects. Medical experts around the world have identified and documented a cluster of symptoms in people living near industrial turbines. The same group of symptoms, known as Wind Turbine Syndrome, is suffered by a significant number of people, sometimes necessitating</p>		

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
	<p>that they move from their homes in order to regain their health. Additionally, there is documentation that wildlife and livestock are also affected by low frequency vibrations from turbines. In light of this evidence, recommendations are currently being made to increase the setback allowance from dwellings to a distance of two kilometres, from the 550 metres presently required and adhered to in this project. Under the present plan, the community of Fisherville has three turbines within this proposed 2 kilometre zone, two of them just over one kilometre from the school. The village of Rainham Centre is surrounded by eight turbines closer than two kilometres; Sweets Corners has six. Two schools in Jarvis have turbines sited at 1300 metres; one of these has a turbine only 600 metres away. It is alarming to contemplate the possible health effects of living within a circle of these turbines, in addition to having to hear the noise they make at high wind velocity, often described as that of a jet engine. NextEra claims the noise to be on a par with a quiet conversation. And, although it doesn't have an adverse effect on health, it is surprising how many people even lament the loss of the dark night sky to the flashing red lights on the turbines. Quality of life is something that is impossible to quantify, but there is ample evidence from residents in industrial turbine projects that the impact of living near turbines can often be negative, if not downright dangerous. In conclusion, until these issues of safety and fair financial compensation are addressed, the implementation of this project should be halted.</p>	Socio-Economic	Property Values

Date	Stakeholder Comment	Issue Sub Category	Issue Subject
3/18/ 2011	<p>I have not received any response from you in reply to my inquiry below. I would now add to my question a second one - what steps does Next Era Energy take to ensure that its turbines will be stable in the over magnitude 5.0 seismic events that can be expected in the area of Lake Erie?</p> <p>Unless I receive a response within 3 business days I will file my concerns with the Minister of the Environment, the Minister of Energy, and the local media.</p> <p>I consider your failure to respond to be corporate irresponsibility on the part of Next Era Energy. If you do not respond to questions now I have to assume that you will be an irresponsible neighbour in the future.</p>	Project Details	Project Construction

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Mississauga, ON
L5N 5Z7

Re: NextEra Energy Canada, ULC Summerhaven Wind Energy Centre Application for a Renewable Energy Approval, Noise Study Report Version 1 dated October 2010, for your review and action.

Dear Thomas and Jeff,

In response to your draft noise study report, for public review, I am providing the following comments for your review and action.

Using the principle of “predictable worst case” referenced in NPC-233 and the Noise Guidelines for Wind Farms:

- Please provide project specific and cumulative noise modeling (NextEra and Capital Power proposed Turbines) for all POR's within a 5 km radius. MOE Reg. 359/09 Section 55 (2) references setbacks based on wind turbines within 3 km's of POR's. The table shows that my house (POR0977) has 18 wind turbines proposed (including 2 substations within 500m and 750m) within 3 km radius and states a windmill minimum setback distance of 1250m. The minimum proposed wind turbine is only 753 m away. At a 5 km radius around POR0977, there are 38 proposed wind turbines and two substations (with an additional nine bordering the 5 km radius, and 81 wind turbines within 10 km's). Noise Guidelines for Wind Farms, section 6.4.2 states “the assessment must not be limited to a 1500 m radius from a receptor, but must consider the impact of the whole Wind Farm”. Since modeling was only used for POR within 1500m, please provide project specific and cumulative noise modeling (NextEra and Capital Power) to include a minimum of 5 km radius from all POR's.
Predictable worst case would look at both NextEra and Capital Powers combined total of 123 wind turbines and model the whole project area to all POR's.
- Please show that POR0977 was modeled at a height of 6.5m. If 4.5m was used, please run the model with 6.5m height and provide the noise reading. Also, under section 6.3.2 of Noise Guidelines for Wind Farms, please show model data at 1.5 m above grade and 30 m horizontally from the façade of the dwelling in the

direction of each wind turbine location was completed and the location that results in the higher noise impact was selected.

- Please note that the north-east end of my property which contains a creek within a bush is seasonally used as a camp site for my family. Please provide cumulative noise modeling at the property line showing that the noise level is in compliance using a 5 km radius.
- Cadna/A – As for any model, a margin of error can be expected. Please provide margin of error and advise if this model has been validated?
- A ground factor of 0.7 was used for this assessment. Ground attenuation should consider worst case, or most reflective which is frozen ground using a ground factor of 0 (G=0). Please provide modeling results using frozen ground factor.
- Noise receptors PR0029, PR0030, PR0031, and PR0047 and not participating receptors. Please run a project specific and cumulative noise model (NextEra and Capital Power) for these POR's to include a 5 km radius.

Additional questions not addressed in this report:

- 1) I have not seen a document addressing how wind turbines affect livestock. Please advise where I can find this report? If this has not been assessed, please advise how NextEra will ensure that there will not be an adverse effect?
- 2) We have shallow bedrock here. In some cases as low as 1-2' cover. How will this effect vibration traveling through the rock? Please provide how NextEra plans on ensuring vibration will not have an adverse effect on all POR's, and provide how this assessment was completed and validated?

Please revise report to include comments provided. I would appreciate a response prior to December 8th, in order to comment back before December 9th. If you have any questions or concerns, please feel free to contact me any time.

Thank you for your time and looking forward hearing from you as you move to build a partnership with the residents of Haldimand County.

Regards,

Nathan Reicheld, B.Sc

790 #Concession 5
RR#3
Jarvis, ON
NOA 1J0
905-973-2154
nathanreicheld@hotmail.com

Open House 2
*To Be Entered.

Murray Kovacs
P.O. Box 635
Hagersville, Ont. N0A 1H0

Ministry of Environment Reference #: ENV1283MC-2010-4439

Mr. Thomas Bird
NextEra Energy Canada, ULC
5500 North Service Road, Suite 205
Burlington, Ont. L7L 6W6

December 7, 2010

Dear Mr. Bird:

I have communicated with you via email on a number of occasions expressing my concern with your firm's proposed wind farm in Haldimand County. The main issue that I have relates to the provincially mandated setback allowance of 550 meters, which is significantly smaller than the allowances established by other jurisdictions, in various nations throughout this planet.

This issue is paramount in my concerns, but resides with others that are derivative of your firm's proposed project in my county. Loss of rural character, significant diminishment of property value, and a complete and total loss of the lifestyle we have enjoyed here for nearly two decades. My total commute each day exceeds two hours, and I willingly pay the resultant penalties in order to enjoy what this community and my family have built, which your firm is now for all intents and purposes about to permanently disrupt.

As to the main concern of setback allowance, I have forwarded this to Doris Dumais, Director, Environmental Assessment and Approvals Branch, of the Ministry of Environment. In a response, Ms. Dumais advised me to forward this issue to you, the proponent, and ask that it be submitted as part of your REA application to the Environment Ministry.

I believe it imperative to ascertain why such disparity exists between scientific, engineering and medical research in Ontario, and their drawing conclusions re: setback allowances, that are drastically at odds with a plethora of similar experts scattered throughout the globe.

I respectfully ask that this concern be included, and forwarded along with your REA application to the Environmental Assessment and Approvals Branch, of the Ministry of Environment.

Thank you.

A handwritten signature in black ink, appearing to read "Murray Kovacs", with a long horizontal flourish extending to the right.

Murray Kovacs

NB., A copy of this letter has been forwarded to D. Dumais, Ministry of the Environment.

November 26, 2009

HCH File: AET Nanticoke Wind Facility

Air Energy TCI Inc.

Attn: Mark Gallagher
Development Manager
381 Rue Notre-Dame Ouest, Suite 102,
Montreal, Quebec H2Y 1V2

**Response to Notice of Proposal to Engage in a Renewable Energy
Approval for the Nanticoke Wind Facility**

Dear Mr. Gallagher:

Upon reading the Air Energy TCI Notice of Proposal to Engage in a Renewable Energy Approval for the Nanticoke Wind Facility and the associated Draft Project Description Report, we offer you our response as follows.

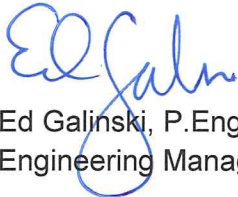
One thing that occurs to us is that Air Energy TCI intends to install power lines along roads to its own transformer station. But, there is no mention in the report of having to coordinate its construction with Haldimand County Hydro.

Haldimand County Hydro has a license issued by the Ontario Energy Board to distribute power within Haldimand County Hydro's service territory. In consideration of that license, as the sole distributor of power, we ask that Air Energy TCI co-ordinate its facility requirements on the public rights-of-way with Haldimand County Hydro's distribution system.

Please call me to discuss the matter further. I can be contacted at this office by dialling ext. 2243, or in my absence, Paul Heeg can be contacted by dialling ext. 2247.

Yours truly,

Haldimand County Hydro Inc.



Ed Galinski, P.Eng.
Engineering Manager

EG:tk



Natural Resources
Canada

Ressources naturelles
Canada

December 3, 2009

Mark Gallagher
Development Manager, Air Energy TCI Inc.
381 Rue Notre-Dame Ouest
Montreal, Quebec, Canada
H2Y 1V2
Mark.gallagher@tcir.net

**Re: Notice of Proposal to Engage in a Renewable Energy Approval for the Nanticoke
Wind Facility**

Dear Mr. Gallagher;

This letter is to advise you that following the review of the attached provincial Notice of Proposal, it has been determined that Natural Resources Canada (NRCan) does not presently have a role in the provincial environmental assessment of the above mentioned project.

Please be advised, NRCan may become involved in this project's environmental assessment if a responsible authority under s.5 of the *Canadian Environmental Assessment Act* (CEAA) is identified and a federal environmental assessment under the CEA Act is required. For example, NRCan may become involved if the project applied for, and was a proposed recipient of, funding through an NRCan program.

Should your project trigger a federal environmental assessment under the CEAA or should you have any questions or comments with respect to this correspondence please direct all inquiries to EA-SPI/EE-ISP@nrcan.gc.ca or direct correspondence to:

Environmental Assessment Coordination
580 Booth Street, 3rd Floor
Ottawa, Ontario K1A 0E4

Sincerely,

Caitlin Scott
Environmental Assessment Assistant

Canada 



February 23, 2010

Ben Greenhouse
Project Director
NextEra Energy Canada
5500 North Services Road, Suite 205
Burlington, ON L7L 6W6

Dear Mr. Greenhouse:

RE: Proposed Project with TCI Renewables

Please be advised that on February 16, 2010, Haldimand County Council adopted the following resolution:

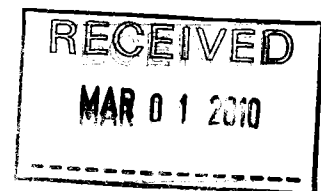
*THAT the presentation material of Next Era Energy and TCI Renewables RE:
Proposed Project be received as information.*

Should you require further information, please contact James Goodram, Manager,
Economic Development & Tourism at 905-318-5932 x 242.

Yours truly,

Janis Lankester, A.M.C.T.
Clerk

JL/tlc
pc James Goodram



March 3, 2011



Thank you for your interest in the Summerhaven Wind Energy Centre. NextEra Energy Canada takes communication with our communities seriously. Our commitment is to communicate openly and honestly with the public while we are developing and building wind generation facilities.

We will continue that commitment once the wind energy centres are operational. We want to be the first and best source of information about our facility. We also want to develop and plan in a manner that is consistent with community needs and expectations.

All comments received up to January 14, 2011 have been addressed in our Consultation Report which will be submitted to the Ministry of Environment (MOE). Once accepted by the MOE, the report will be available for public review on our website at www.CanadianWindProposals.com. The following draft reports are currently available on the website, and finalized versions will be posted once the application is accepted by the MOE:

- Project description report
- Construction report
- Design and operations report
- Decommissioning report
- Natural heritage report
- Archaeological assessment
- Built heritage assessment
- Noise study
- Site plan report
- Turbine specification report

In addition, when the Renewable Energy Approval application is deemed complete by the MOE, they will post a notice on their website, www.ebr.gov.on.ca, and will accept additional comments about the project for 30 days.

We received many questions and comments pertaining to common concerns. Below we have summarized those issues and our responses.

Concerns Regarding Health & Public Safety

NextEra Energy Resources takes concerns about human health very seriously. Although much has been written about health effects associated with wind turbines, we have found no credible, scientifically peer-reviewed study that demonstrates a link between wind turbines and negative health effects. On the contrary, the study “Wind Turbine Sound and Health Effects: An Expert Panel Review” had the following key conclusions:

- *There is no evidence that the audible or sub-audible sounds emitted by wind turbines have any direct adverse physiological effects.*
- *The sounds emitted by wind turbines are not unique. There is no reason to believe, based on the sound levels and frequencies of the sounds and the panel’s experience with sound exposures in*

occupational settings, that the sounds from wind turbines could plausibly have direct adverse health consequences.

The full report can be found in the Canadian Wind Energy Association's website, www.canwea.ca/pdf/talkwind/Wind_Turbine_Sound_and_Health_Effects.pdf and on www.CanadianWindProposals.com

In their recent decision on the Kent Breeze Wind project in Chatham-Kent, the Ontario Ministry of Environment states:

'The Chief Medical Officer of Health agreed to undertake a review of existing information and to consult with the Ontario Agency for Health Protection and Promotion and local medical officers of health on health effects related to wind turbines. The results of the review and consultation were published on May 20, 2010 and released in a report titled "The Potential Health Impacts of Wind Turbines". The review concluded that scientific evidence available to date does not demonstrate a direct causal link between wind turbine noise and adverse health effects. The sound level from wind turbines at common residential setbacks is not sufficient to cause hearing impairment or other direct health effects, and there is no scientific evidence to date that vibration from low frequency wind turbine noise causes adverse health effects.

Regarding shadow flicker, a common concern is its possible relationship to epilepsy. The Chatham-Kent Board of Health reviewed potential impacts in their report dated June 2008 and stated that 'The frequency of wind turbines is well below the current known documented threshold for triggering epilepsy symptoms.'

Additionally, the Province of Ontario has appointed Dr. Siva Sivothythaman at the University of Waterloo as the Ontario Research Chair in Renewable Energy Technologies and Health. This position is dedicated to "actively monitoring and providing the latest in scientific research and data about any possible health impacts of renewable energy."

The Summerhaven project has been designed to meet or exceed all the regulations prescribed by the Ministry of Environment. NextEra Energy Canada will have a communication program in place to address any concerns related to the operation of the project, should they arise

Property Values

Numerous studies have been conducted that indicate that that wind farms do not have a negative impact on property values. For links to these studies, see: www.CanadianWindProposals.com

Concerns Regarding Agriculture & Livestock

The project area is favourable for developing a wind farm for several reasons. This area has been shown to have a strong and consistent wind resource, access to nearby transmission capacity without upgrade investments and landowners interested in participating in the project

Wind turbines occupy only a small fraction of the land they are sited on and work in harmony with its established uses. Farming and grazing continue undisturbed. In general, a turbine in a typical wind farm including foundation and access roads will use 1.0 – 1.5% of a typical 40 hectare farm parcel

NextEra Energy Resources operates over 85 wind farms amidst a variety of agricultural uses and livestock operations. It has not been the experience of NextEra Energy Resources that wind turbine operations have any negative impact on livestock or crops. Quite the opposite in fact, many landowners find that the guaranteed income from hosting a wind turbine helps to stabilize the economics of their operations.

Stray Voltage

NextEra Energy Canada will use Industry Best Practices in the design of the Project to minimize the risk of stray voltage to consumers and ensure our projects are built and maintained within acceptable levels as prescribed by the local safety code.

Most cases of stray voltage occur when there is either:

- *Improper grounding of on-site equipment (in which case it is an issue with on-site wiring)*
- *A change in current patterns on the distribution line, from generation or load, that exposes a pre-existing condition (in which case it is an issue with the distribution utility, not with the generator or load)*

The turbines are therefore not the root of the problem, but like any change to the system may expose faults in that system. All types of generation (wind generation using wind turbines included) must fully comply with utility requirements to ensure that the electricity they supply is compliant with grid standards.

Stray voltage problems require on-site inspection for grounding problems, or examination of power quality issues with the distribution utility, Haldimand County Hydro.

If you think you have a stray voltage problem, please contact Haldimand County Hydro.

For additional information on the effects of stray voltage on livestock, see the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) website, www.omafra.gov.on.ca/english/livestock/dairy/facts/strayvol.htm

Avian & Wildlife Concerns

Wind turbines will have impacts on birds. However, on the whole it is clear that:

- turbines pose no more of a threat than other accepted threats such as agricultural operations, domestic cats, windows in houses and buildings, etc., and*
- that the reduction in harmful emissions from other sources of electricity will reduce the threat to avian populations in general.*

The Audubon Society statement on wind power (<http://policy.audubon.org/audubon-statement-wind-power>) states:

“On balance, Audubon strongly supports wind power as a clean alternative energy source that reduces the threat of global warming. Location, however, is important. Many National Audubon Society Chapters and State Programs are actively involved in wind-power siting issues in their communities. Each project has a unique set of circumstances and should be evaluated on its own merits.”

“Every source of energy has some environmental consequences. Most of today's rapidly growing demand for energy is now being met by natural gas and expanded coal-burning power plants, which are this country's single greatest source of the greenhouse-gas emissions that cause global warming. If we don't find ways to reduce these emissions, far more birds—and people—will be threatened by global warming than by wind turbines. Our challenge is thus to help design and locate wind-power projects that minimize the negative impacts on birds.”

NextEra Energy takes every effort to minimize the local impact on birds. As part of facility siting and pre-construction activities, evaluations help uncover potential issues related to birds and bats and the selected site. Our environmental specialists and consultants gather the following information on birds and bats relating to the candidate site:

- *current use of the site, including migratory patterns*
- *threatened and endangered species occurring in the area*
- *existing records regarding species in the area*
- *bird/bat habitat*
- *potential risks*
- *recommendations for studies and*
- *consultation with agencies and local experts*

Through these efforts, we help to identify the

- *levels of activity and type of birds/bats present at a proposed site*
- *behavior of birds/bats while they are present at a project site and*
- *possible risk to birds/bats due to turbine collisions.*

All wildlife studies for this project were completed in accordance with Ministry of Natural Resources guidelines and found that potential impacts were not significant. The Ministry of Natural Resources must review and approve these studies before construction can start. The studies are available for review on our website www.CanadianWindProposals.com. A post-construction mortality monitoring program and consultation with the Ministry of Natural Resources will indicate if operational mitigation is necessary.

At NextEra Energy Resources we are committed to developing and operating our facilities in an environmentally responsible manner, including promoting awareness and protection of wildlife that inhabit surrounding property. We care about the potential impacts that wind facilities may have, and we take actions to ensure that our projects are sited properly to minimize impacts. In addition, we support a variety of research initiatives including our own five year research partnership with TCU and Oxford University to study, in part, the interaction of birds and bats with wind turbines. We hope this research

will help us do an even better job in the future of siting and operating wind farms to further minimize the potential for bird and bat impacts.

Wind Project Siting

Setbacks

The setback distances between wind turbines and homes, roads and property lines are established by the Government of Ontario. The Ministry of Environment states: ‘The setback requirements proposed for wind turbine projects were developed by ministry engineers and scientists and were based on the MOE publication “Noise Guidelines for Wind Farms (October 2008)”. They were also informed by technical workshops and feedback at the Standing Committee on General Government hearings in April 2009. The noise requirements outlined in the “Noise Guidelines for Wind Farms (October 2008)” were developed in consultation with external experts and were peer-reviewed..’

The locations of the wind turbines meet and in most cases exceed all the required setback distances.

Location

This location was chosen due to a strong and consistent wind resource, relatively easy access to nearby transmission system, and a large number of landowners interested in participating in the project.

Generally speaking, energy generation is most efficiently placed near load – where the energy is in demand. This siting reduces energy losses associated with long transmission lines, and reduces the impact of siting and constructing those long lines. In Ontario, this means that new generation is more practically sited in Southern Ontario, where most of the demand for electricity exists. Ontario is investing in upgrading transmission lines to allow for greater investment in generation in the North, but at this time it is not feasible to create all the power needed in Southern Ontario in Northern Ontario.

Potential for expansion

The maximum proposed size is 59 turbines up to a maximum name plate capacity of 131.04 MW. It cannot be expanded under this current proposal. In order to expand the project, a new proposal would have to be initiated and all public consultation and studies would have to be restarted.

General

Tornadoes

Wind turbines are designed to meet rigorous engineering standards and can withstand high wind speeds. Some of the locations where NextEra Energy Resources currently owns and operates wind facilities (such as Kansas and Oklahoma) would be considered much higher risk areas for tornados.

The project has been designed to meet or exceed the setback regulations prescribed by the Ministry of Environment to protect public health and safety.

The Feed-In Tariff

Renewable energy generation facilities do not receive a subsidy. The Ontario Government through the Ontario Power Authority Feed-In Tariff program, offers long term contracts for electricity generation to renewable energy generation facilities. Many other forms of generation are offered long term, fixed-price contracts for their power. Renewable energy generation is part of the government's Long Term Energy Plan to build a sustainable energy system for Ontario.

The Feed-In Tariff program through the Ontario Power Authority offers a fixed price for electricity generation at 13.5 cents/kWh. The prices under this program were derived from a range of sources using best available and most recent information. Prices were developed based on experience in Ontario and in other jurisdictions. They cover building and maintenance costs, basic connection costs for typical projects and allow for a reasonable rate of return on investment over an approximate 20 year period. The competitiveness of the price offered to renewable energy generation facilities must be compared to the cost of new capacity from other forms of generation, and take into account the fluctuating cost of fuel for conventional generation over the next 20 years, much of which is passed on to Ontario rate payers.

Lighting

The lighting requirements are prescribed by Transport Canada as needed for aircraft safety. It is expected that Transport Canada will not require all turbines to be lit. In addition, lights will be timed so they flash simultaneously. The lights are designed to minimize their visibility from the ground as much as possible.

EMF

The use of electricity in our everyday lives creates electric and magnetic fields (EMF). Common sources of EMF are:

- *Wiring in our homes and schools*
- *Power lines and utility facilities that bring electricity to us*
- *Electrical equipment and devices we use at work and home*

Some of the most prestigious U.S. and international scientific organizations have evaluated the safety of EMF. None of these organizations has found that exposure to power frequency EMF causes or contributes to cancer or any other disease or illness. Their reviews generally conclude that while some epidemiology studies report an association with childhood leukemia, which warrants further research, the scientific studies overall have not demonstrated that EMF causes or contributes to any type of cancer or other disease.

Any EMF produced by our collection and transmission lines is expected to be orders of magnitude below the World Health Organization's recommended limit for EMF exposure.

Buried versus overhead electrical lines

On private land, wherever practical, the electrical cables from the wind turbines are buried. All electrical lines sited in road allowances and right of ways, if not buried, will be built using overhead configurations engineered and built to Haldimand County Hydro's standards and are consistent with infrastructure already in place in the community.

Visual appearance

It is recognized that people have varying opinions about the changes a wind farm will bring to the visual landscape. In an effort to demonstrate these changes, visual simulations of the wind farm was provided at the public meeting. Comments from attendees regarding these simulations have been recorded.

Cost of energy from wind power

The cost of wind power generation is competitive with that of many other newly-installed power sources. Once turbines are installed, the cost of generating wind power will remain steady for decades – the fuel (wind) is free. By contrast, electricity prices have risen steadily across Canada over time. Potential regulations to make polluters pay for their emissions will mean that the cost of power from fossil fuels will continue to rise, on top of normal market fluctuations. Under the terms of our contract with the Ontario Power Authority, any economic benefits from future pollution regulation will flow to them.

Comparing the cost of new generation, such as wind, to the cost of power from existing and legacy generation, such as coal and hydro, is an unfair comparison. The comparison should be between the cost of different types of generation if they were to be built today. The majority of Ontario's current energy mix and resulting spot price is a result of old assets, whose capital costs were financed and accounted for years ago. Therefore, their operating costs are much lower. Additionally, power prices in Ontario are still heavily regulated and do not reflect the true cost of power in the market.

The Government of Ontario's Long Term Energy Plan is to displace coal-fired generation with renewable energy. Other forms of electricity have hidden costs related to health. A 2005 study prepared for the government found that the average annual health-related damages due to coal could top \$3 billion.

Economic benefit

Regarding economic benefits, local farmers benefit from having a guaranteed source of revenue in addition to agriculture-based revenue. This helps stabilize the overall economic prosperity of the community. In addition, wind turbines contribute to the municipal tax base while having the benefit of not requiring any municipal services such as water, sewer, road clearing, etc.

Ground Vibration

NextEra Energy Canada is not aware of any studies that indicate that ground vibration from operational wind turbines is an issue. Some concerns have been raised regarding shallow bedrock in the area. While final foundation designs will be site specific based on individual geotechnical analyses at each location, our work to date suggests that we will not be anchoring any turbine foundations into the bedrock.

Aboriginal Involvement

The Ministry of Environment provided NextEra Energy Canada with a list of Aboriginal communities that may have an interest in the project. The list was based on Aboriginal communities that have constitutionally protected treaty rights that may be impacted by the project. These communities were the Mississaugas of the New Credit, Six Nations of the Grand River, Six Nations of the Grand River Haudenosaunee Confederacy Council, Oneida Nation of the Thames, Wahta Mohawks, Mohawks of the Bay of Quinte, and Mohawks of Akwesasne. A consultation program was initiated and dialogue with Aboriginal communities is ongoing. No impacts to constitutionally protected Aboriginal or treaty rights have been brought to NextEra Energy Canada's attention. Any other areas of concern are being addressed through continued communication.

NextEra Energy Canada, ULC

Public input

There have been several opportunities for the public to comment on the project. The draft project documents have been available for public review for over 90 days. In addition, NextEra Energy Canada has held three public meetings in 2009, 2010 and 2011. All comments received during this time have been included in the Consultation Report which has been provided to the Ministry of Environment for their consideration.

Once the Ministry of Environment accepts the application it will post a notice on the website www.ebr.gov.on.ca for 30 days during which time the public may make additional comments regarding the project.

Should you have any additional questions, please feel free to contact our office at 905-335-4904 or 1-877-257-7330. You can also reach us by email at Summerhaven.Wind@NextEraEnergy.com

Sincerely,

SUMMERHAVEN WIND, LP

BY: Ben Greenhouse
Project Director, NextEra Energy Canada, ULC