

## Appendix A5. Second Public Meetings

**NOTICE OF PUBLIC MEETING**  
**To be held by Goshen Wind, Inc. regarding a**  
**Proposal to Engage in a Renewable Energy Project**



**Project Names:** Goshen Wind Energy Centre

**Project Location:** Bluewater and South Huron, Huron County, Ontario

**Dated at the Municipality of Bluewater, South Huron and Huron County this the 25 of April 2012**

Goshen Wind, Inc., a wholly owned subsidiary of NextEra Energy Canada, ULC, is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment. **The purpose of the meeting is to provide an update on the proposed changes regarding a transmission line for the Project.**

**Information on Upcoming Meetings:**

DATE: May 29, 2012

TIME: 4:00 p.m. to 7:00 p.m.

PLACE: South Huron Recreation Centre

94 Victoria Street East, Exeter, ON

DATE: May 30, 2012

TIME: 4:00 p.m. to 7:00 p.m.

PLACE: Stanley Complex

38594A Mill Road, Varna, ON

*Please note that the meeting will be in an Open House format allowing attendees to visit any time during the event.*

**Project Description:** Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Facility. If approved, this facility would have a total maximum name plate capacity of 102-megawatts (MW). The project location is described in **Figure 1**.

**Documents for Public Inspection:** The Draft Project Description Report titled "Project Description Report – Goshen Wind Energy Centre" describes the project as consisting of 63 GE 1.6-MW turbines (although the Renewable Energy Approval Application will include 72 turbine locations), a pad mounted transformer at each turbine, a transformer substation, underground electrical collection lines and an overhead transmission line, turbine access roads, an operations building, meteorological tower(s) and construction staging areas.

A written copy of the Draft Project Description Report will be made available for public review on April 25, 2012 at Bluewater, Huron East and Huron County Municipal Offices:

**Municipality of Bluewater**

14 Mill Avenue, Box 250  
Zurich, Ontario N0M 2T0

**Huron County**

1 Courthouse Square  
Goderich, Ontario N7A 1M2

**Municipality of South Huron**

322 Main Street South  
Exeter, Ontario N0M 1S6

Written copies will also be available at the public open houses, as well as on our website, [www.NextEraEnergyCanada.com](http://www.NextEraEnergyCanada.com).

**Project Contact and Information:**

To learn more about the project proposal, public meetings, or to communicate concerns please contact:

Derek Dudek

Community Relations Consultant

NextEra Energy Canada, ULC

5500 North Service Road, Suite 205

Burlington, ON, L7L 6W6

1-877-257-7330

[Goshen.Wind@nexteraenergy.com](http://Goshen.Wind@nexteraenergy.com)

Figure 1



# *Welcome!*

NextEra Energy Canada welcomes you to tonight's event.

## **We are here to:**

- ✦ Provide an overview of the transmission line process and siting
- ✦ Update you on Project Status
- ✦ Illustrate changes to the turbine layout
- ✦ Answer your questions
- ✦ Receive your comments on the proposed changes



## A Leader in Clean Energy

NextEra Energy Canada is an indirect, wholly-owned subsidiary of NextEra Energy Resources. NextEra Energy Resources, LLC is the largest generator of wind energy in North America.

## NextEra Energy Canada

NextEra Energy Canada is a leading renewable energy developer in Canada focused on developing electricity derived from clean, renewable sources. Our Canadian operations are headquartered in Burlington, Ontario. We are the owner and operator of four wind energy projects and two solar energy projects in the following provinces:

- ✦ Quebec: Mount Copper and Mount Miller Wind Energy Centres
- ✦ Nova Scotia: Pubnico Point Wind Energy Centre
- ✦ Alberta: Ghost Pine Wind Energy Centre
- ✦ Ontario: Sombra and Moore Solar Energy Centres

NextEra Energy Canada is currently working toward approval of six wind energy centres in Ontario. We currently have two projects that received Renewable Energy Approval (REA).

## NextEra Energy Resources

We are:

- ✦ The operator of 90 wind projects in 18 states and three provinces with nearly 9,000 wind turbines providing over 8,700 megawatts of generation
- ✦ The second largest global generator of renewable energy
- ✦ The largest generator of both wind and solar power in North America operating wind energy facilities for over 21 years

## Did you know that NextEra Energy Resources...

- ✦ Began developing renewable energy projects in 1989?
- ✦ Has approximately 4,500 employees in North America?
- ✦ Generates approximately 95% of its electricity from clean or renewable sources?

## Why is Southwestern Ontario considered a great choice for wind energy?

### Wind developers favour Southwestern Ontario for two main reasons:

1. Strong and consistent wind levels, particularly around the Great Lakes
2. Available and adjacent electricity transmission
  - ✦ Wind data has been collected in the Project Study Area since 2007 measuring wind speeds at heights of 40 metres (131 feet), 50 metres (164 feet) and 60 metres (197 feet)
  - ✦ Wind speeds are viable for commercial wind energy generation
  - ✦ The region is well served by existing and planned transmission lines (such as Hydro One's Bruce to Milton line) that have available capacity to receive the electricity generated by the project



## Benefits of Wind Power

### Environmental Compatibility

- ✦ Creates no air or water pollution
- ✦ Minimal greenhouse gas emissions
- ✦ Efficient and reliable
- ✦ Allows land to remain in agricultural use
- ✦ Does not use water in power generation
- ✦ Low environmental impact
- ✦ Free, renewable energy source

### Local Economic Benefits

- ✦ Provides new employment opportunities
- ✦ Adds tax base to the local municipalities
- ✦ Supports the economy through purchases of regional goods and services
- ✦ 8-10 full time jobs
- ✦ 200-300 construction jobs
- ✦ Delivers landowner lease payments
- ✦ Community Vibrancy Funds to support local initiatives

### Over the next 20 years, we estimate the project will contribute:

- ✦ \$166 million in corporate income tax
- ✦ \$10 million in property tax revenue to Huron County
- ✦ \$21 million in landowner payments

### Price Stability

- ✦ Decentralizes power production
- ✦ No fuel cost
- ✦ Helps stabilize the cost of power
- ✦ Electricity produced domestically



## Ontario's Renewable Energy Approval Process

- The Renewable Energy Approval (REA) process, outlined in Ontario Regulation 359/09, is a requirement for large wind power projects under Ontario's Green Energy Act
- NextEra Energy Canada will submit a Renewable Energy Approval application to the Ontario Ministry of the Environment (MOE) for each project
- The MOE will assess the application for completeness and then undertake a technical review to determine whether to issue an approval
- Other agencies, including the Ministry of Natural Resources (MNR), the Ministry of Transportation (MTO), the Ministry of Tourism, Culture and Sport (MTCS) and local conservation authorities will provide input

## Reports included in application:

- ✦ **Project Description Report** – to provide an overview of the project and a summary of all the required REA reports
- ✦ **Archaeology and Cultural Heritage Assessment Reports** – to identify potential effects on archaeological or cultural heritage resources
- ✦ **Natural Heritage Assessment Report** – to identify potential effects on birds, bats, other wildlife, woodlands, wetlands, areas of natural and scientific interest, etc.
- ✦ **Noise Study Report** – to ensure the project is in compliance with noise regulations
- ✦ **Water Body and Water Assessment Report** – to identify potential effects on streams, seepage areas and lakes
- ✦ **Construction Plan, Design and Operation, Decommissioning Reports** – to describe these activities and identify any potential effects resulting from the various project phases
- ✦ **Consultation Report** – to demonstrate how NextEra Energy Canada engaged local and Aboriginal governments, as well as the public, during the project
- ✦ **Wind Turbine Specifications** – to describe the turbine technology selected for the project



## Renewable Energy in Ontario

### The Green Energy and Green Economy Act

- Developed to stimulate the “green” economy in Ontario and create up to 50,000 jobs

### Key Components:

- Provincial obligation to purchase green energy
- Priority grid access for renewable energy projects
- Long-term fixed-price power contracts
- Coordinated regulatory and approvals process

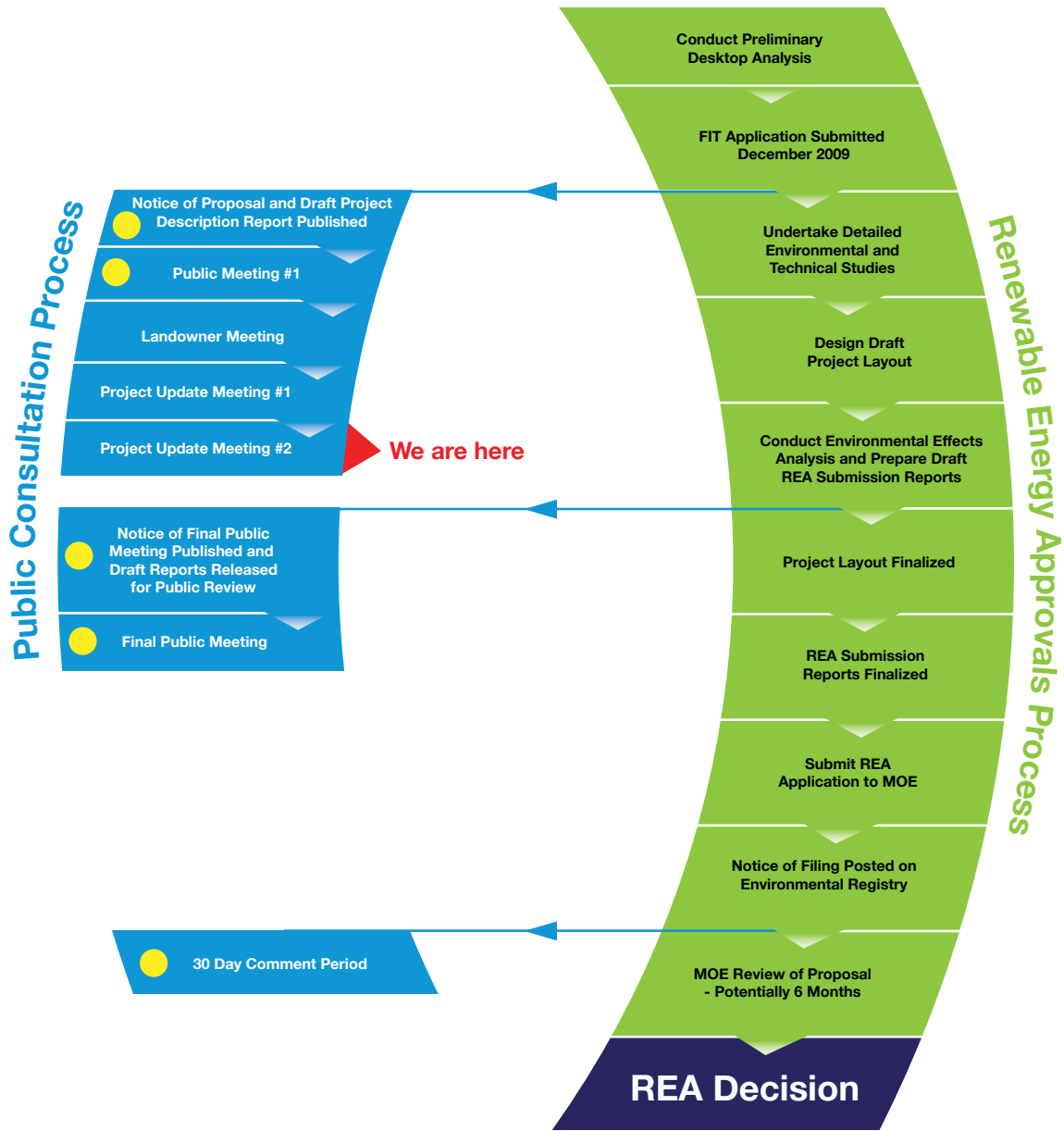


## Provincial Green Energy Initiatives and the Feed-in-Tariff Program:

- Feed-in-Tariff (FIT) Program, launched by the Ontario Power Authority, is North America’s first comprehensive guaranteed pricing structure for renewable electricity production
- The FIT Program offers stable prices and long-term contracts to green energy projects that encourage investment in renewable energy and economic development across the Province
- NextEra Energy Canada had six projects that were awarded FIT contracts on July 4, 2011:
  - ✦ Adelaide Wind Energy Centre
  - ✦ Bluewater Wind Energy Centre
  - ✦ Bornish Wind Energy Centre
  - ✦ East Durham Wind Energy Centre
  - ✦ Goshen Wind Energy Centre
  - ✦ Jericho Wind Energy Centre

We have two additional projects (Conestogo and Summerhaven Wind Energy Centres) which have been awarded a FIT contract by the Ontario Power Authority and have received the Renewable Energy Approval.

## Renewable Energy Approval Process



 **Mandatory Consultation Activity**

## The Goshen Project

- The proposed Goshen Wind Energy Centre project is located in the Municipalities of Bluewater and South Huron in Huron County, Ontario
- The project will be able to generate up to 102-megawatts of electricity, enough energy for nearly 25,500 homes in Ontario
- Up to 63 1.6-megawatt turbines will be constructed; however, up to 71 turbines will be permitted through the Renewable Energy Approvals process

Facility components for the Goshen Wind Energy Centre will include:

- ✦ Laydown and storage areas (including temporary staging areas) for construction equipment and supplies
- ✦ Underground electrical collection lines (on private property and in the municipal right-of-way) to connect the turbines to the transformer substation
- ✦ A transformer substation to feed the electricity generated by the project directly into the existing 115 kV transmission line in the study area
- ✦ Access roads for construction and maintenance
- ✦ Permanent meteorological towers to measure wind speeds, wind direction, temperature and humidity during operation
- ✦ A transmission line to transport electricity from the wind project to the switchyard
- ✦ An operations and maintenance building



## Your Concerns... Our Response

### **Q: How much noise will there be from turbines?**

*A: Wind projects must show that they meet the sound limit requirements prescribed by the Ministry of Environment. For non-participating residences (those that are not a part of the project) the sound limit is 40 decibels (dBA). This is quieter than many sources of sound within a home (i.e., 40 dBA is about halfway between a whisper and a normal conversation between two people less than a metre apart). Sound from a wind turbine diminishes over distance, as such; NextEra meets or exceeds the 550 metre minimum setback distance required by the Province between wind turbines and dwellings.*

### **Q: What effects will there be on wildlife? (e.g. birds, bats etc)**

*A: When properly sited, wind turbines present less of a danger to wildlife than other structures such as buildings and roads. Turbines will be located as carefully as possible to minimize any effects on wildlife. NextEra Energy Canada will work closely with the relevant experts to assess any potential effects on wildlife, including birds and bats.*

### **Q: What risks are there to my health from turbines?**

*A: There is little credible evidence to support any links between wind turbines and adverse effects on human health either related to noise or shadow flicker. NextEra will have a Complaint Resolution Process in place to address any concerns related to the project that may arise.*

### **Q: What risks are there to my health from transmission lines?**

*A: It is very unlikely that electro-magnetic fields (EMF) from high voltage power lines will have any effect on health. The EMF from power lines and transformer boxes are much weaker than those from normal household appliances.*

## Your Concerns... Our Response

**Q: I am concerned about the effect on the value of my property.**

*A: Based on available research, we are not aware of any credible evidence to indicate a decline in property values from the siting of a wind farm. Independent studies have been conducted by Ontario municipalities, leading universities, and other entities which have concluded that the construction of a wind facility does not detract from property values.*

**Q: What will it cost to decommission the turbines?**

*A: The decommissioning costs will be established through the Renewable Energy Approval process which will specify the requirements for a decommissioning plan and incorporate them in the permit under O.Reg. 359/09. The public will have an opportunity to provide input and comment on the plan that will be apart of the application filed with the Ministry of the Environment. The project owner will be responsible for the cost of the decommissioning.*

**Q: I have concerns about the impact on the landscape from the turbines.**

*A: The visual impact of any development is highly subjective. Through our consultation we will present visualizations of our proposed development for public comment and feedback that may result in changes that would make the development more visually appealing.*

**Q: I am concerned that wind turbines may prove distracting to motorists.**

*A: NextEra is unaware of any issues regarding our wind turbines causing distractions to drivers. We will ensure that we adhere to the guidelines put in place by the Ministry of Environment regarding setbacks from the road.*

**For a complete list of comments and questions from the public, please visit the Frequently Asked Questions sections on our website. We will also publish concerns and inquiries in the public consultation report, which will be filed with the REA documents and posted on our website.**



## Aboriginal Consultation

- Canada's Constitution Act, 1982, recognizes the rights of Aboriginal peoples (First Nation, Inuit and Métis)
- Ontario Regulation 359/09 has specific requirements for Aboriginal consultation
- Ontario Power Authority's Feed in Tariff program reinforces the importance of Aboriginal consultation
- Project proponents are delegated the "procedural aspects" of Aboriginal consultation
- Aboriginal consultation may include environmental, archaeological, cultural and spiritual issues
- NextEra Energy Canada is working closely with Aboriginal communities and leadership as required by law and good practice to:
  - Offer meaningful information about its projects
  - Seek information that helps ensure good planning to avoid or minimize impacts
  - Openly discuss issues, interests and concerns
  - Seek workable and mutually acceptable solutions
  - Foster relationships of mutual respect

## Turbine Siting Process

### Developing a Site Plan

The following steps outline the process of developing a project site plan:

1. Identify a sufficient wind resource and study the wind regime for several consecutive years
2. Work with local landowners to option land for wind turbines and ancillary facilities (i.e. collection lines and access roads)
3. Identify technical and environmental constraints based on input from project engineers, ecologists and aquatic biologists, cultural experts, local landowners, Aboriginal groups, and government agencies
4. Identify locations to site project infrastructure by balancing these technical and environmental constraints while adhering to the setback distances prescribed by the Province (i.e., Ontario Regulation 359/09) as identified in **Table 1** below. Project components can be sited within the setbacks for some terrestrial features provided that an Environmental Impact Study is completed and mitigation measures identified.

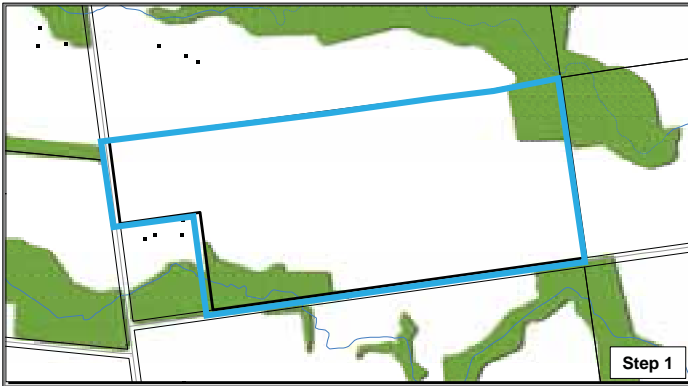
**Table 1. Turbine Siting Process Constraint Categories**

Constraint Category	Setback Distance*
Terrestrial Features	<ul style="list-style-type: none"> <li>• Area of Natural and Scientific Interest (ANSI) Earth Science: 50m</li> <li>• ANSI Life Science: 120m</li> <li>• Significant Wildlife Habitat: 120m</li> <li>• Significant Woodlands and Valleylands: 120m</li> <li>• Provincially Significant Wetland: 120m</li> </ul>
Aquatic Features	<ul style="list-style-type: none"> <li>• Streams and Waterbodies: 30m</li> </ul>
Local Infrastructure	<ul style="list-style-type: none"> <li>• Petroleum Resource Facilities: 75m</li> <li>• Road Right-of-Way: 60m</li> <li>• Railway Right-of-Way: 60m</li> </ul>
Socio-Economic	<ul style="list-style-type: none"> <li>• Property Line: 60m</li> <li>• Residents and other uses sensitive to noise: 550m</li> </ul>

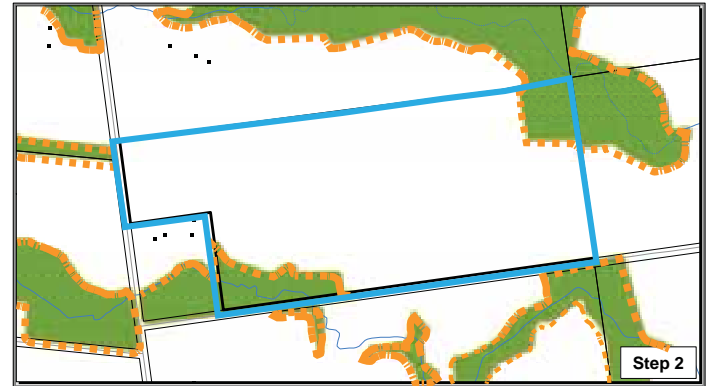
\* Note that other setback requirements may be applicable to the projects (e.g. aerodromes, pipelines, and Ministry of Transportation setbacks, etc.)



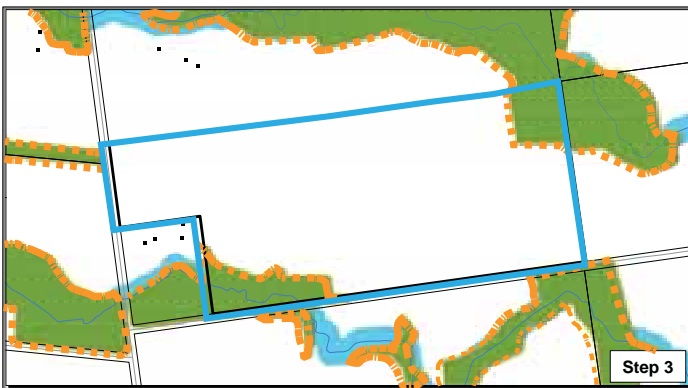
## Turbine Siting Process



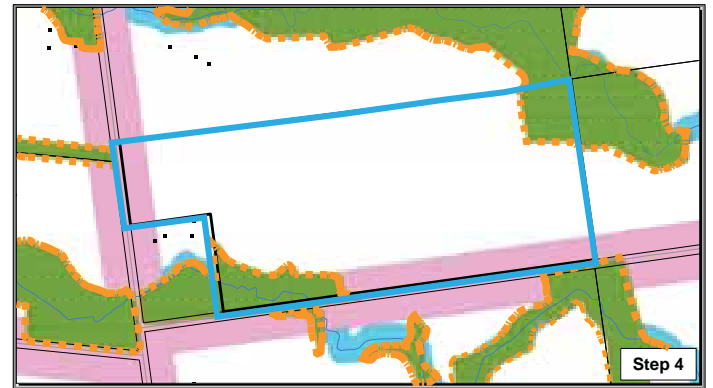
✦ Step 1: Work with local landowners to option land



✦ Step 2: Identify terrestrial constraints



✦ Step 3: Identify aquatic constraints



✦ Step 4: Identify local infrastructure constraints



✦ Step 5: Identify socio-economic constraints



✦ Step 6: Site turbine within remaining land available

### Legend

<ul style="list-style-type: none"> <li>✦ Turbine Location</li> <li><b>Terrestrial Features</b></li> <li>■ Woodlots</li> <li><b>Aquatic Features</b></li> <li>■ Waterbody</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>Socio-Economic</b></li> <li>■ Noise Receptor</li> <li><b>Local Infrastructure</b></li> <li>— Major Road</li> </ul>	<ul style="list-style-type: none"> <li><b>Setback</b></li> <li>■ Terrestrial Setback</li> <li>■ Aquatic Setback</li> <li>■ Local Infrastructure Setback</li> <li>■ Socio-Economic Setback</li> </ul>
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## Transmission Line

### Transmission line - Why is it needed?

- Deliver clean energy to the Ontario system operator to reduce the use of fossil fuel generated electricity by Ontarians.
- System studies indicate there is ample capacity at this point of interconnection without significant network upgrades.
- Investment in transmission infrastructure is needed in Ontario. The plan places no additional burden on our aging infrastructure or Ontario ratepayers.



## Transmission Route Overview

- NextEra Energy Canada will build a 115 kV electrical transmission line from the step-up transformer station to the connection point with the Provincial electricity grid.
- The transmission line will be located on private property or within existing road rights-of-way.
- The electricity collected via the 34.5 kV underground collection lines will converge at the transformer substation where the electricity will be “stepped-up” to 115 kV for transmission and then routed to a breaker switch station.
- The breaker switch station will occupy less than 5 acres of land and is the point of interconnect with the existing Hydro One transmission line.

### Selecting a Transmission Route

- Distance between the transmission line and existing structures is considered when selecting a route.
- Easement widths located on private property will vary between 33 - 200 feet (10 - 60 metres). Widths vary due to special features on a particular parcel.
- Existing land uses and the location of environmentally sensitive features are considered when choosing a route.

### Land Owners and Easement Agreements

- NextEra Energy Canada is committed to working with landowners within the transmission corridor to find a mutually acceptable route for the transmission line.
- Landowners will be paid a fair market value for the property subject to an easement.
- Compensation will be made for property damage caused during construction and operation of the transmission line (including crops).

## Construction of a Transmission System

The construction of the transmission system is being considered on municipal rights of way, private lands or a combination of both within the transmission study area.

- Transmission structures will typically be single poles made of metal, wood, or concrete.
- Poles will be approximately 18 – 27 metres (60 - 90 feet) in height. The transmission line will be mounted on existing or new hydro poles.
- A typical span between poles will be 91 – 182 metres (300 - 600 feet).
- Wherever practical, transmission and distribution will be co-located on a single pole.
- Transmission lines must be constructed to standards outlined by the Province and/or electrical codes.

### Transmission Approvals Process

- Transmission lines (lines with voltages higher than 50 kV) that are longer than 2km require a Leave to Construct from the Ontario Energy Board.
- This process examines the need for the line and the proposed routing to ensure that the priorities given to the Ontario Energy Board by the government are met.
- The line is also permitted as part of the Renewable Energy Approval (REA) process.
- Natural heritage and archaeological studies are being conducted along proposed routes within the transmission study area including:
  - ✦ Vegetation studies
  - ✦ Aquatic habitat assessments; and
  - ✦ Birds, bat and wildlife studies
- Any additional studies that may be required as a result of route selection will be conducted prior to construction.

## Noise Studies

Noise studies will be conducted to help determine the final turbine layouts. The noise studies comprise the following steps:

- **Step 1:** Identify points of reception – dwellings (typically houses) that are within 2km of the wind turbines
- **Step 2:** Obtain wind turbine specifications and noise emission ratings from the manufacturer
- **Step 3:** Using initial wind turbine layouts, predict the noise levels generated at points of reception using a noise prediction model to ensure allowable limits are not exceeded. The noise model is designed in accordance with standards set by the Ministry of Environment (MOE)
- **Step 4:** Using the noise model results, turbine layouts will be revised as necessary to ensure that the final turbine layouts meet all applicable noise guidelines

## Noise requirements under Renewable Energy Approval Regulation (O.Reg. 359/09)

- Wind turbines will be set back from dwelling units that are not part of the project by at least 550m (1804ft) and must be at or below 40dBA.
- Noise from turbines must meet provincial noise limits as outlined in MOE publication 4709e “Noise Guidelines for Wind Farms”



## Construction Plan

### Turbine siting and surveys

- ✦ Site preparation will include final turbine siting and surveys
- ✦ During these surveys, boundaries of turbine sites will be staked and existing buried infrastructure will be located and marked

### Access roads

- ✦ Municipal and Provincial roads will be used to transport equipment to the construction sites
- ✦ Minor modifications may be required to some of the existing roads (e.g. widening the turning radius) to transport equipment
- ✦ New access roads will typically be 10 m (34 feet) wide during the construction phase
- ✦ No permanent paved roads will need to be constructed for the turbines
- ✦ Equipment will be delivered by truck and trailer as needed throughout the construction phase and stored at temporary laydown sites surrounding each turbine



## Construction Plan

### Electrical Collector System:

- ✦ This system consists of a mixture of underground cables, pad mounted transformers and a substation
- ✦ Ploughing and trenching will be used to install the underground cables
- ✦ The cabling will be buried at a depth that will not interfere with normal agricultural practices and maps of cable locations will be provided to landowners

### Wind Turbines:

- ✦ Foundations will be made of poured concrete, reinforced with steel rebar to provide strength
- ✦ Each foundation will require an excavation of approximately 3 metres (10 feet) deep, and 20 metres (66 feet) by 20 metres (66 feet) square
- ✦ Only the tower base portion of the foundation will be left above ground
- ✦ The turbine will then be anchored to the foundation by large bolts set in the concrete foundation
- ✦ Turbine assembly and installation will typically require 4 - 5 days per turbine
- ✦ Following commissioning, the area surrounding the turbine will be returned to its pre-construction state

### Operations and Maintenance Building:

- ✦ This building will be used to monitor the day-to-day operations of the wind farm and maintenance effort; Preferably, an existing building will be obtained for this purpose; otherwise, a new building will be constructed on privately held lands
- ✦ Potable water will be supplied by a well or through the municipal water system and if required, a septic bed will be constructed for the disposal of sewage
- ✦ These elements will be constructed in accordance with applicable municipal and provincial standards





## Operations and Maintenance

**NextEra Energy believes in “prevention” versus “event response” through component condition and performance assessment**

- ✦ Experienced operations and maintenance managers on site
- ✦ On-going training and mentoring programs to maintain safe and efficient operation
- ✦ Site staff supported by centralized maintenance and environmental staff
- ✦ Supported by 24/7 Fleet Performance and Diagnostic Centre
- ✦ Local operations team available to answer questions and address concerns



## Health and Wind Turbines

- Public health and safety will be considered during all stages of the Project.
- Many studies have been conducted world-wide to examine the relationship between wind turbines and possible human health effects.
- In Ontario *“Ontario doctors, nurses, and other health professionals support energy conservation combined with wind and solar power – to help us move away from coal”*

Ontario College of Family Physicians, Registered Nurses Association of Ontario, Canadian Association of Physicians for the Environment, Physicians for Global Survival, the Asthma Society of Canada, and the Lung Association

- In “The Potential Health Impact of Wind Turbines” (May 2010), Ontario’s Chief Medical Officer of Health examined the scientific literature related to wind turbines and public health, considering potential effects, such as dizziness, headaches, and sleep disturbance. The report concluded that:

- ✦ “...the 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, although some people may find it annoying.”
- ✦ The report also concluded that low frequency sound and infrasound from current generation upwind model turbines are well below the pressure sound levels at which known health effects occur. Further, the report states that there is no scientific evidence to date that vibration from low frequency wind turbine noise causes adverse health effects.

- Overall, health and medical agencies agree that sound from wind turbines is not loud enough to cause hearing impairment and is not causally related to adverse effects.\*
- Scientists and medical experts around the world continue to publish research in this area. Through our health consultants, NextEra is committed to staying informed on this issue.

\*e.g., Chatham-Kent Public Health Unit, 2008; Minnesota Department of Health, 2009; Australian Government, National Health and Medical Research Council, 2010; Australian Government, 2011, Massachusetts Department of Environmental Protection (MassDEP) and Massachusetts Department of Public Health (MDPH), 2012



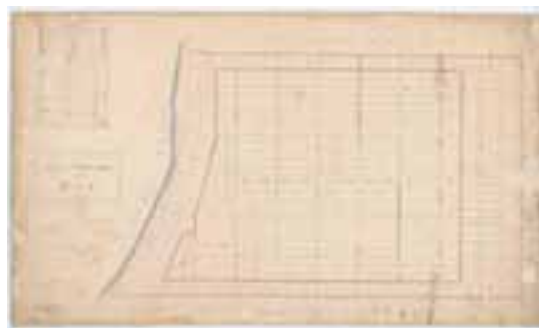
## Natural Heritage: Water

- Aquatic studies have been underway since the summer of 2011
- This work involves aquatic biologists visiting watercourses within 120 m (394 feet) of proposed project infrastructure and conducting investigations to:
  - ✦ Measure stream width and depth
  - ✦ Characterize vegetation cover, substrate composition and water flow patterns
  - ✦ Observe the presence of fish and groundwater
- Findings from these studies will be used to determine potential effects on fish, water quality and surface and ground water quantity as a result of the proposed project. These findings are being considered in the wind farm design to minimize impacts
- NextEra Energy Canada will submit a Water Assessment and Water Body Report to the Ministry of the Environment that will outline potential effects, proposed mitigation measures and monitoring commitments and determine the significance of residual effects
- NextEra Energy Canada will obtain all applicable permits from the appropriate approval agencies, including the Ausable Bayfield Conservation Authority and the Ministry of Natural Resources (MNR)



## Cultural Heritage – Goshen Project

- A Cultural Heritage Assessment is being carried out to assess built heritage resources and cultural heritage landscapes in the study area
- This assessment involves:
  - ✦ The development of a land use history of the study area through the use of historical archival research and a review of historical mapping
  - ✦ The identification of protected properties, built heritage resources (e.g., buildings) and cultural heritage landscapes through municipal consultation, a windshield survey and background research
  - ✦ Public consultation with knowledgeable members of the historical community including local historians and archivists
- Initial consultation determined that no protected properties are located within the Goshen Wind Turbine Siting area, and the study is ongoing in the Transmission Line Siting Area.
- Site visits will be conducted to identify built heritage resources and cultural heritage landscapes in the study area
- A Cultural Heritage Assessment report will be submitted to the Ministry of Tourism, Culture and Sport for review and will:
  - ✦ Identify cultural heritage resources within the study area
  - ✦ Describe potential negative effects on heritage resources during construction, operation and decommissioning
  - ✦ Propose mitigation measures to avoid or minimize negative effects on those resources
- It is anticipated that there will be no detrimental direct or indirect impacts to the built or cultural heritage resources located in the study area



**Historical Mapping of Study Area**

## Natural Heritage: Bats

- Properties that contain wooded areas within 120 m (394 feet) of proposed infrastructure were examined by biologists to search for suitable bat habitat
- After examining the habitats, certain properties were chosen for more extensive monitoring which involved installation of bat monitoring equipment within (or adjacent to) the wooded habitats for 10 days in June 2011 to record the number of bat passes
- These properties also required 10 nights of visual surveys, completed in mid-July 2011, which involved examining woodlands with spotlights and microphones to look for bat activity
- Bat monitoring was completed in accordance with the Ministry of Natural Resources “Bats and Bat Habitats: Draft Guidelines for Wind Power Projects (March 2010)” and will be reviewed by the Ministry of Natural Resources as part of the REA’s Natural Heritage Assessment requirements
- In July 2011, the MNR issued new guidelines “Bats and Bat Habitats: Guidelines for Wind Power Projects” with more specific criteria to evaluate bat habitat. Re-assessments of all woodlands within 120m of proposed infrastructure will be completed in summer 2012 according to the newly updated provincial regulations
- Findings from these studies will be considered in the wind farm design to minimize impacts



## Natural Heritage: Birds

- NextEra Energy Canada has utilized an avian (bird) monitoring protocol that meets the requirements of MNR's natural heritage assessment guidelines for turbines and birds
- Bird surveys have included Spring Bird Migration Surveys, Breeding Bird Surveys, Fall Bird Surveys and Winter Bird Surveys
- Bird surveys are being conducted over all four seasons to profile species and look at the following factors:
  - ✦ Migration Patterns
  - ✦ Breeding Activity
  - ✦ Behaviour Patterns
  - ✦ Significant or Critical Habitats
- The bird surveys are being conducted by establishing survey plots, visual and sound observations, and a search of habitat in the study area
- Bird studies are ongoing and data from the studies are currently being analyzed and compiled
- The results of these studies will be submitted to the MNR for review and approval as part of the Natural Heritage Assessment Report
- Findings from the natural heritage studies are being considered in the wind farm design to minimize impacts





## Archaeological Studies

- The work is being completed by licensed archaeologists according to Ministry of Tourism, Culture and Sport (MTCS) standards. An independent First Nations monitor is accompanying crews who report directly to four First Nations
- An Archaeological Assessment Study will be submitted to MTCS for review and will:
  - ✦ Identify archaeological resources within the study area
  - ✦ Describe potential negative effects on archaeological resources during construction, operation and decommissioning
  - ✦ Propose mitigation measures to avoid or minimize negative effects on those resources
- A desktop archaeological study (Stage 1 Archaeological Assessment) was carried out in Fall 2010 to determine if there is potential to identify previously undiscovered archaeological resources within the study area
- A Stage 2 Archaeological Assessment is ongoing and involves pedestrian surveys at 5m (16ft) intervals to identify/ collect any artifacts found in areas of potential disturbance
- The results of this assessment will determine whether site-specific Stage 3 Archaeological Assessments are required – these site-specific assessments involve further research and fieldwork to identify the boundaries of any archaeological sites identified during Stage 2 work
- Upon completion, a comprehensive Stage 2 Archaeological Assessment will be submitted to the MTCS for acceptance into the Ontario Public Register of Archaeological Reports
- Findings from the archaeological studies are being considered in the wind farm design to minimize impacts as much as possible



## *Thank you for Attending!*

- Thank you for attending this evening's Event
- Your input is important to us: please fill out an exit questionnaire and either leave it with us tonight or mail it to us using the contact information below
- Our next meeting is tentatively scheduled this fall where we will present the final turbine layout, identify potential effects and mitigation measures
- Should you have any further questions or comments, please do not hesitate to contact us:

**E-mail:**

✦ [Goshen.Wind@NextEraEnergy.com](mailto:Goshen.Wind@NextEraEnergy.com)

**Phone:** 1-877-257-7330

**Mail:** Derek Dudek  
Community Relations Consultant  
NextEra Energy Canada  
5550 North Service Road, Suite 205  
Burlington, ON, L7L 6W6



## Our environmental consultants:

**Goshen Wind Energy Project**

AECOM

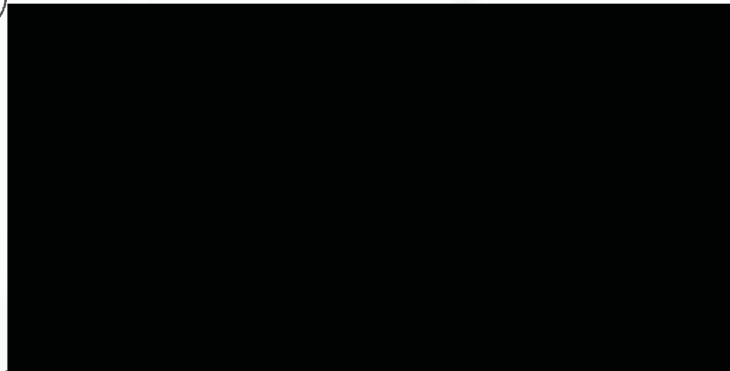
Marc Rose, Project Manager

905-477-8400, Ext. 388

[Marc.Rose@aecom.com](mailto:Marc.Rose@aecom.com)

MAY 29, 2012

Please  
Respond



TO WHOM IT MAY CONCERN:

AS A REPRESENTATIVE OF NEXTERA, I **GUARANTEE** THAT NO ONE IN OUR PROJECT AREA WILL SUFFER ANY ILL HEALTH AS A DIRECT RESULT OF WIND TURNBINES.

SHOULD IT BE PROVEN THAT THE WIND TURBINES DO CAUSE DIRECT HEALTH IMPACTS TO PEOPLE AND THEY CAN NO LONGER LIVE COMFORTABLY IN THEIR HOME, AS A REPRESENTATIVE OF NEXTERA, I WILL **GUARANTEE** THAT THEIR HOME WILL BE PURCHASED AT THE ASSESSED MARKET VALUE PRIOR TO THE INDUSTRIAL WIND TURBINE INSTALLATION.

---

NEXT ERA REPRESENTATIVE AT OUR PUBLIC CONSULTATION

---

WITNESS

MAY 29, 2012

TO WHOM IT MAY CONCERN:

AS A REPRESENTATIVE OF NEXTERA, I **GUARANTEE** THAT NO ONE IN OUR PROJECT AREA WILL SUFFER ANY ILL HEALTH AS A DIRECT RESULT OF WIND TURNBINES.

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*Please Reply*

---

NEXT ERA REPRESENTATIVE AT OUR PUBLIC CONSULTATION

W





MAY 29, 2012

Read!

TO WHOM IT MAY CONCERN:

AS A REPRESENTATIVE OF NEXTERA, I **GUARANTEE** THAT NO ONE IN OUR PROJECT AREA WILL SUFFER ANY ILL HEALTH AS A DIRECT RESULT OF WIND TURNBINES.

SHOULD IT BE PROVEN THAT THE WIND TURBINES DO CAUSE DIRECT HEALTH IMPACTS TO PEOPLE AND THEY CAN NO LONGER LIVE COMFORTABLY IN THEIR HOME, AS A REPRESENTATIVE OF NEXTERA, I WILL **GUARANTEE** THAT THEIR HOME WILL BE PURCHASED AT THE ASSESSED MARKET VALUE PRIOR TO THE INDUSTRIAL WIND TURBINE INSTALLATION.

Please Reply!  
NEXT ERA REPRESENTATIVE AT OUR PUBLIC CONSULTATION

WITNESS

[REDACTED]

## **TO WHOM IT MAY CONCERN**

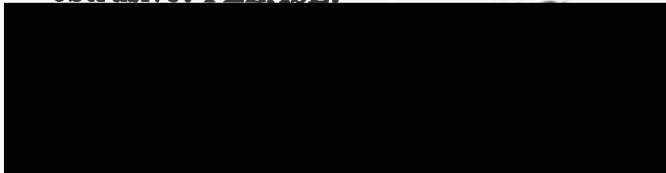
**There probably is no “right” way to generate electrical energy to satisfy the needs of the billions of humans living on planet earth. We use fossil fuels, flowing water and nuclear fission as a means to produce electric power, all of which have their advantages, and disadvantages, from a scientific, environmental and philosophical aspect.**

**Along come the wind blowing advocates. Their approach is that by erecting monumental wind turbines in our rural areas we shall have green energy and the earth shall be saved from global warming. Amen! Maybe? But not everyone wants to see huge wind turbines scattered hither and thither in the countryside.**

**I know I don't. I believe in the wind, but not turbines. In my view they are an aesthetic obscenity, a blight on the landscape and, I have heard, not healthy for our flying creatures, and in some cases, not even conducive to the well being of some humans. Also, that property values adjacent to wind farms may substantially decrease.**

**Why not COMPROMISE? Here are a couple of ideas.**

- 1. Let our bright engineers develop a method of installing the turbines in our lakes. Aesthetically they would be more compatible within the lakescape than the landscape.**
- 2. If we must have them on the land, then can you make the beastly things less obtrusive? PLEASE!**



COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: There is no rights for neighbours with dwellings (receptors) nice wordy

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: Again we want changes for OUR RIGHTS

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: Big money scam

4. What topics would you like to learn more about? (check all that apply)

Scam ->  
Bullshit

- Aboriginal interests
- Socio-economic
- Environment
- Human Health

- Community Partnerships
- Transmission
- Project Details
- Other (Specify) Big Scam

ruining our community, hurt our sky  
Fuck you + leave



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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: This is not a democratic process.

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: WHY AREN'T EVIDEN. STUDIES BEING DONE ON HEALTH CONCERNS. THERE IS LOTS OF EVIDENCE TO SAY ITS NECESSARY TO DO THESE STUDIES.

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: This is the most destructive thing that is happening in Ontario.

4. What topics would you like to learn more about? (check all that apply)

- |   |  |
|---|--|
| <input type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships  |
| <input type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission  |
| <input type="checkbox"/> Environment          | <input type="checkbox"/> Project Details   |
| <input type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) <u>HOW TO GET RID OF WIND TURBINES IN ONTARIO</u> |

HOW TO GET RID OF WIND TURBINES IN ONTARIO



COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: More promotional than actually geared to opposition!

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission           |
| <input type="checkbox"/> Environment          | <input type="checkbox"/> Project Details        |
| <input type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____  |

\_\_\_\_\_





# Goshen Wind Energy Centre



COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain:

*Some questions were not answered sufficiently - re-commissioning etc. EVERYONE SEEMS to practice the same company line - were rehearsed.*

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain:

*see above*

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive:

*I am not in favour of turbines being built here or anywhere else. Health issues, property values going down, effect on tourism, effect on bats & birds*

4. What topics would you like to learn more about? (check all that apply)

- |  |  |
|--|--|
| <input type="checkbox"/> Aboriginal interests      | <input checked="" type="checkbox"/> Community Partnerships |
| <input checked="" type="checkbox"/> Socio-economic | <input checked="" type="checkbox"/> Transmission           |
| <input checked="" type="checkbox"/> Environment    | <input type="checkbox"/> Project Details                   |
| <input checked="" type="checkbox"/> Human Health   | <input type="checkbox"/> Other (Specify)                   |

*Subsidies of wind power*

5. Please provide your comments or questions in the space provided below:

I feel that subsidizing wind power is going to cause economic stress on many people. The sit-back (550m) is not far enough - Need further health studies - people in areas with turbines & their physicians need to be heard!  
- Home owners adjacent to turbines need to be protected if their property values decrease.  
- No bird or bat KILLS are acceptable.  
- Turbines should not be located in tourist areas they depend on visitors. No one wants to vacation in the shadows of a turbine.  
You ARE NOT CONSIDERING WHAT YOU ARE DOING TO THE RURAL LIFE STYLE. We choose to live here where we can hear the cuckoos, see the stars, sit outside & enjoy the view (mosquito free thanks to the BATS.)

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City/Province: \_\_\_\_\_  
Postal Code: \_\_\_\_\_ Email: \_\_\_\_\_

To learn more about the Project, or to send your completed comment form to us, please contact:

Derek Dudek  
Community Relations Consultant  
NextEra Energy Canada, ULC  
5500 North Service Road, Suite 205  
Burlington, Ontario L7L 6W6

Toll Free: 1-877-257-7330  
Email: [Goshen.Wind@NextEraEnergy.com](mailto:Goshen.Wind@NextEraEnergy.com)  
Website: [www.NextEraEnergyCanada.com](http://www.NextEraEnergyCanada.com)

COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes  
 Somewhat  
 No

Please explain: I was disappointed that this is the  
other projects were not shown as well.

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes  
 Didn't speak to anyone  
 Somewhat  
 No

Please explain: \_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive  
 Undecided  
 Undecided and would like more information  
 Non supportive

Please explain and let us know what other information you would like to receive: I think wind turbines should be closer to the user

4. What topics would you like to learn more about? (check all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission           |
| <input type="checkbox"/> Environment          | <input type="checkbox"/> Project Details        |
| <input type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____  |

5. Please provide your comments or questions in the space provided below:

*If people could see all the potential wind turbines they would be even more against them.*

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**Website: [www.NextEraEnergyCanada.com](http://www.NextEraEnergyCanada.com)**

COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> Aboriginal interests    | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic          | <input type="checkbox"/> Transmission           |
| <input checked="" type="checkbox"/> Environment  | <input type="checkbox"/> Project Details        |
| <input checked="" type="checkbox"/> Human Health | <input type="checkbox"/> Other (Specify) _____  |

\_\_\_\_\_

5. Please provide your comments or questions in the space provided below:

DONT WANT THEM

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

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City/Province: \_\_\_\_\_  
Postal Code: \_\_\_\_\_ Email: \_\_\_\_\_

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COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Aboriginal interests | <input checked="" type="checkbox"/> Community Partnerships |
| <input checked="" type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission                      |
| <input checked="" type="checkbox"/> Environment          | <input checked="" type="checkbox"/> Project Details        |
| <input checked="" type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____             |
- \_\_\_\_\_

5. Please provide your comments or questions in the space provided below:

*I'll be at the next meeting with more questions!*

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City/Province: \_\_\_\_\_  
Postal Code: \_\_\_\_\_ Email: \_\_\_\_\_

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COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships     |
| <input type="checkbox"/> Socio-economic                  | <input checked="" type="checkbox"/> Transmission    |
| <input type="checkbox"/> Environment                     | <input checked="" type="checkbox"/> Project Details |
| <input type="checkbox"/> Human Health                    | <input type="checkbox"/> Other (Specify) _____      |

\_\_\_\_\_

5. Please provide your comments or questions in the space provided below:

*We'll likely be at the next meeting with more questions!*

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

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Street Address: \_\_\_\_\_  
City/Province: \_\_\_\_\_  
Postal Code: \_\_\_\_\_ Email: \_\_\_\_\_

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain:

*Too general. Everyone is very well rehearsed in what propaganda to say.*

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain:

*Nothing of much use to gauge what the future of will hold*

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive:

*More negative feelings towards turbines.*

4. What topics would you like to learn more about? (check all that apply)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships     |
| <input checked="" type="checkbox"/> Socio-economic       | <input checked="" type="checkbox"/> Transmission    |
| <input checked="" type="checkbox"/> Environment          | <input checked="" type="checkbox"/> Project Details |
| <input checked="" type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____      |

5. Please provide your comments or questions in the space provided below:

- Want to know when will there be health studies? (What are you trying to hide, if people are getting sick it needs to be addressed. One other point, if the health issues do not exist, wouldn't it be in the IWT companies best interest to allieve the fears and research this?  
~~Why are we increasing money when we don't need it?~~

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

Name: [Redacted]  
Street Address: [Redacted]  
City/Province: [Redacted]  
Postal Code: [Redacted] Email: [Redacted]

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat.
- No

Please explain: NOT COMPLETE EXPLANATIONS  
very general

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: "I can't answer that" - regarding health potential risks - "not proven"  
... There will be a guideline for concerns ...

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: Health studies ; explanation of how to deal with future health issues occurring because of turbines

4. What topics would you like to learn more about? (check all that apply)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships  |
| <input checked="" type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission  |
| <input checked="" type="checkbox"/> Environment          | <input checked="" type="checkbox"/> Project Details  |
| <input checked="" type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) <u>Process for how to deal with health issues</u> |

5. Please provide your comments or questions in the space provided below:

- Why don't we have GOVERNMENT health studies? When will this happen?
- Why don't we have a 1000 metre distance from residences?
- Neighbours are being 'pitted' against one another as "one" signs a contract that affects the others life + home. How can we keep communities supportive of each other?
- How quickly the tundra swans will be affected?
- What is in place to take care of people with health conditions (ie vitago) BEFORE the turbines are in operation?

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below

Name: [REDACTED]  
Street Address: [REDACTED]  
City/Province: [REDACTED]  
Postal Code: [REDACTED] Email: [REDACTED]

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: Because it is the same party line that it can't go to have us

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: Complete  
Avian Studies

4. What topics would you like to learn more about? (check all that apply)

- |   |  |
|---|--|
| <input type="checkbox"/> Aboriginal interests | <input checked="" type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission                      |
| <input type="checkbox"/> Environment          | <input type="checkbox"/> Project Details                   |
| <input type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____             |

\_\_\_\_\_

5. Please provide your comments or questions in the space provided below:

I would like a guarantee that if I get sick after the turbines are installed, you will purchase my home at the market value pre-turbines.

- I would also appreciate someone from the MOE present at these 'consultations' so that all of the 'agenda' regarding topics that I feel under the MOE's umbrella can be addressed on a public forum.

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City/Province: \_\_\_\_\_  
Postal Code: \_\_\_\_\_ Email: \_\_\_\_\_

To learn more about the Project, or to send your completed comment form to us, please contact:

Derek Dudek  
Community Relations Consultant  
NextEra Energy Canada, ULC  
5500 North Service Road, Suite 205  
Burlington, Ontario L7L 6W6

Toll Free: 1-877-257-7330  
Email: [Goshen.Wind@NextEraEnergy.com](mailto:Goshen.Wind@NextEraEnergy.com)  
Website: [www.NextEraEnergyCanada.com](http://www.NextEraEnergyCanada.com)

COMMENT FORM • MAY 29-30, 2012

**Your comments will be considered. We are collecting this information to help us understand and address your concerns about the Project. Comments will become part of the public record with the exception of personal information.**

1. Did the information at the meeting meet your expectations?

- Yes  
 Somewhat  
 No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes  
 Didn't speak to anyone  
 Somewhat  
 No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive  
 Undecided  
 Undecided and would like more information  
 Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Aboriginal interests | <input checked="" type="checkbox"/> Community Partnerships |
| <input checked="" type="checkbox"/> Socio-economic       | <input checked="" type="checkbox"/> Transmission           |
| <input checked="" type="checkbox"/> Environment          | <input checked="" type="checkbox"/> Project Details        |
| <input checked="" type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____             |
- \_\_\_\_\_

5. Please provide your comments or questions in the space provided below:

I have sent a letter to your company explaining my thoughts on this most controversial topic.

I trust someone will read it, take it seriously & respond

Thank you

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

Name: [REDACTED]  
Street Address: [REDACTED]  
City/Province: [REDACTED]  
Postal Code: [REDACTED] Email: \_\_\_\_\_

To learn more about the Project, or to send your completed comment form to us, please contact:

Derek Dudek  
Community Relations Consultant  
NextEra Energy Canada, ULC  
5500 North Service Road, Suite 205  
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COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes  
 Somewhat  
 No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes  
 Didn't speak to anyone  
 Somewhat  
 No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive  
 Undecided  
 Undecided and would like more information  
 Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> Aboriginal interests    | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic          | <input type="checkbox"/> Transmission           |
| <input type="checkbox"/> Environment             | <input type="checkbox"/> Project Details        |
| <input checked="" type="checkbox"/> Human Health | <input type="checkbox"/> Other (Specify) _____  |

\_\_\_\_\_



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- Yes
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |  |  |
|--|--|
| <input type="checkbox"/> Aboriginal interests    | <input type="checkbox"/> Community Partnerships  |
| <input type="checkbox"/> Socio-economic          | <input checked="" type="checkbox"/> Transmission |
| <input type="checkbox"/> Environment             | <input type="checkbox"/> Project Details         |
| <input checked="" type="checkbox"/> Human Health | <input type="checkbox"/> Other (Specify) _____   |
- \_\_\_\_\_



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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |  |  |
|--|--|
| <input type="checkbox"/> Aboriginal interests    | <input type="checkbox"/> Community Partnerships  |
| <input type="checkbox"/> Socio-economic          | <input checked="" type="checkbox"/> Transmission |
| <input type="checkbox"/> Environment             | <input type="checkbox"/> Project Details         |
| <input checked="" type="checkbox"/> Human Health | <input type="checkbox"/> Other (Specify) _____   |

\_\_\_\_\_



COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission           |
| <input type="checkbox"/> Environment          | <input type="checkbox"/> Project Details        |
| <input type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____  |
- \_\_\_\_\_





COMMENT FORM • MAY 29-30, 2012

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1. Did the information at the meeting meet your expectations?

- Yes  
 Somewhat  
 No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes  
 Didn't speak to anyone  
 Somewhat  
 No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive  
 Undecided  
 Undecided and would like more information  
 Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_

AS LONG AS THE ENVIRONMENTAL IMPACT ASSESSMENT  
RESULTS ARE FOLLOWED TO MITIGATE BIRD, BAT & HABITAT LOSS

4. What topics would you like to learn more about? (check all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships   |
| <input type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission   |
| <input type="checkbox"/> Environment          | <input type="checkbox"/> Project Details  |
| <input type="checkbox"/> Human Health         | <input checked="" type="checkbox"/> Other (Specify) <u>BENEFITS TO THE</u><br><u>COMMUNITIES HOSTING THE PROJECTS</u> |



**Your comments will be considered.** We are collecting this information to help us understand and address your concerns about the Project. Comments will become part of the public record with the exception of personal information.

1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: Where was the meeting?

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: Your literature is full of lies. It's nauseating. ~~It's~~ It's us. Do you really believe it? Those who have

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: Why do your contracts have gag orders? That in itself is an alarm but they think you are Green Power.

4. What topics would you like to learn more about? (check all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission           |
| <input type="checkbox"/> Environment          | <input type="checkbox"/> Project Details        |
| <input type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____  |

\_\_\_\_\_

# Goshen Wind Energy Centre



5. Please provide your comments or questions in the space provided below:

*Re Property Value Depreciation*

*Your information as with everything else is not very accurate.*

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City/Province: \_\_\_\_\_  
Postal Code: \_\_\_\_\_ Email: \_\_\_\_\_

To learn more about the Project, or to send your completed comment form to us, please contact:

Derek Dudek  
Community Relations Consultant  
NextEra Energy Canada, ULC  
5500 North Service Road, Suite 205  
Burlington, Ontario L7L 6W6

Toll Free: 1-877-257-7330  
Email: [Goshen.Wind@NextEraEnergy.com](mailto:Goshen.Wind@NextEraEnergy.com)  
Website: [www.NextEraEnergyCanada.com](http://www.NextEraEnergyCanada.com)

**Your comments will be considered.** We are collecting this information to help us understand and address your concerns about the Project. Comments will become part of the public record with the exception of personal information.

1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> Aboriginal interests | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic       | <input type="checkbox"/> Transmission           |
| <input type="checkbox"/> Environment          | <input type="checkbox"/> Project Details        |
| <input type="checkbox"/> Human Health         | <input type="checkbox"/> Other (Specify) _____  |

\_\_\_\_\_

5. Please provide your comments or questions in the space provided below:

The term "noise receptor" is a term that contributes to dehumanizing the issues that people have. Don't people matter as much as the economics of the project??

If you would like to be kept informed about the status of the Goshen Wind Energy Project, please provide your contact information below.

Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City/Province: \_\_\_\_\_  
Postal Code: \_\_\_\_\_ Email: \_\_\_\_\_

To learn more about the Project, or to send your completed comment form to us, please contact:

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1. Did the information at the meeting meet your expectations?

- Yes
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

2. If you asked questions during the meeting did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: \_\_\_\_\_  
\_\_\_\_\_

3. After attending the meeting, how do you feel about the Project?

- Supportive
- Undecided
- Undecided and would like more information
- Non supportive

Please explain and let us know what other information you would like to receive: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What topics would you like to learn more about? (check all that apply)

- |  |  |
|--|--|
| <input type="checkbox"/> Aboriginal interests    | <input checked="" type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic          | <input type="checkbox"/> Transmission                      |
| <input checked="" type="checkbox"/> Environment  | <input type="checkbox"/> Project Details                   |
| <input checked="" type="checkbox"/> Human Health | <input type="checkbox"/> Other (Specify) _____             |

\_\_\_\_\_



## Appendix A6. Draft Site Plan

# NOTICE OF DRAFT SITE PLAN for a Renewable Energy Project In accordance with Section 54.1 of Ontario Regulation 359/09



Project Name: Goshen Wind Energy Centre

Project Location: Bluewater and South Huron, Huron County, Ontario

Summary: This Notice outlines the proposed location of turbines, the substation, and the electrical transmission line study area associated with the proposed Goshen Wind Energy Centre. The proponent's studies show that the proposed project is compliant with all regulatory standards governing setbacks related to noise.

Dated at Huron County this the 4 of July 2012

Goshen Wind, Inc., a wholly-owned subsidiary of NextEra Energy Canada, ULC, is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The Project will be owned and operated by Goshen Wind, Inc. The proposal to engage in the project, and the project itself, is subject to the provisions of the Environmental Protection Act (Act) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This Notice is being distributed in accordance with Section 54.1 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

The publication of the Notice indicates that Goshen Wind, Inc. believes that the proposed project is compliant with all regulatory standards. The legal effect of this Notice is should another party, not affiliated with this project, pursue future development in the area, they are solely responsible to ensure noise levels meet all regulatory requirements, as per Section 54 (1.2) and Section 54.1 (c) (i) or (ii).

Project Description: Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Facility. If approved, this facility would have a total maximum name plate capacity of 102-megawatts (MW).

The main project components include: 63 wind turbines (although the Renewable Energy Approval Application will include 72 turbine locations); a pad mounted transformer at each turbine, a transformer substation, underground electrical collection lines and an overhead transmission line, turbine access roads, an operations building, meteorological towers and construction staging areas.

The proposed electrical transmission line will be located within the area described as the "Transmission Line Study Area". Prior to determining the final location of the transmission line, environmental studies, electrical codes, permitting requirements, landowner input, and Hydro One requirements are considered. As these further studies are conducted, information will be shared and public input will be considered to determine the final route.

Please refer to Figure 1 for the proposed location of the turbines, the substation, in addition to the electrical transmission line study area.

Documents for Public Inspection: The Draft Site Plan Report titled "Draft Site Plan – Goshen Wind Energy Centre" identifies the project components and proposed locations of turbines, the substation, and receptors.

The Draft Site Plan will be made available for public inspection on July 3, 2012 at [www.NextEraEnergyCanada.com](http://www.NextEraEnergyCanada.com), the Huron County Office and the Municipality of Bluewater and South Huron offices.

Huron County Office  
1 Courthouse Square, Goderich

Bluewater Municipal Office  
14 Mill Avenue, Zurich

South Huron Municipal Office  
322 Main Street South, Exeter

## Project Contact and Information:

To learn more about the project proposal or to communicate concerns please contact:

Derek Dudek, Community Relations Consultant  
NextEra Energy Canada, ULC  
5500 North Service Road, Suite 205  
Burlington, ON, L7L 6W6  
Phone: 1-877-257-7330

Email: [Goshen.Wind@NextEraEnergy.com](mailto:Goshen.Wind@NextEraEnergy.com)  
Website: [www.NextEraEnergyCanada.com](http://www.NextEraEnergyCanada.com)

Figure 1: Goshen Wind Energy Centre Project Layout

