Appendix A

Public Consultation

Appendix A1. First Public Meeting – Municipality of Bluewater

NOTICE OF A PROPOSAL & PUBLIC MEETING

by NextEra Energy Canada to Engage in a Renewable Energy Project

Project Name: Bluewater Wind Energy Centre

Project Location: Municipality of Bluewater, Huron County, Ontario

Dated at Municipality of Bluewater this the 26 of May 2010

NextEra Energy Canada, ULC together with Canadian Green Power, is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The distribution of this notice of a proposal to engage in this renewable energy project and the project itself are 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.

Meeting Location:

DATE: Monday, June 28, 2010

TIME: 5:00pm to 8:00pm

PLACE: Bluewater Community Centre / Zurich Arena, Municipality of Bluewater

15 East Street, Zurich, ON N0M 2T0

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 the project is to be engaged in, is considered to be a Class 4 Wind Facility. If approved, this facility would have a total maximum name plate capacity of 90 MW. The project location is described in the map below. The map indicates the project location being studied for the wind energy centre and an area being studied only as an interconnection route area.

NextEra Energy Canada, ULC together with Canadian Green Power, is also planning to engage in Class 4 Wind Facilities as follows:

Goshen Wind Energy Centre: Municipalities of Bluewater and South Huron, Huron County, ON. If approved, this wind energy centre would have a total maximum name plate capacity of 160 MW.

Jericho Wind Energy Centre: Municipality of Lambton Shores, Lambton County, ON. If approved, this wind energy centre would have a total maximum name plate capacity of 230 MW.

Public meetings will be held for these proposed projects as follows:

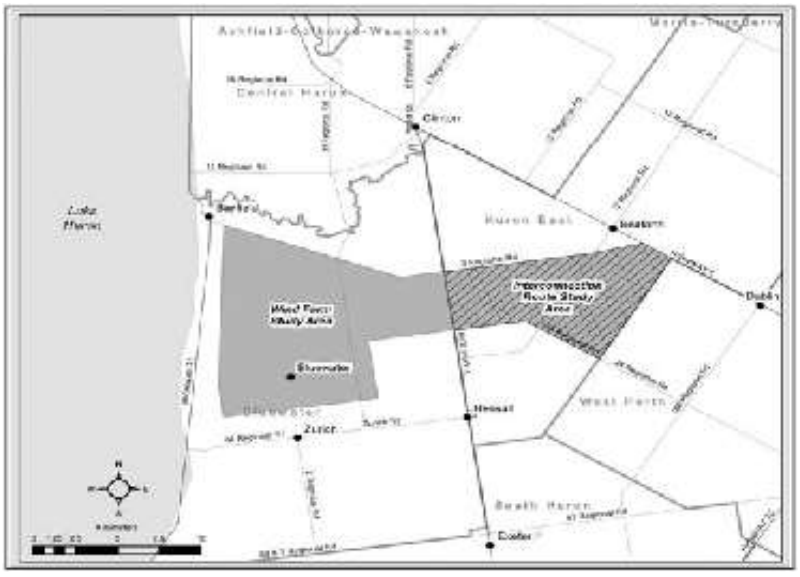
Goshen Wind Energy Centre
Tuesday, June 29, 2010
5:00pm to 8:00pm
Dashwood Community Centre
Municipality of South Huron
158 Centre Street
Dashwood, ON N0M 1N0

Jericho Wind Energy Centre
Wednesday, June 30, 2010
5:00pm to 8:00pm
Kimball Hall
Municipality of Lambton Shores
6276 Townsend Line
Forest, ON N0N 1J0

These meetings will be in an Open House format allowing attendees to visit any time during the event.

Documents for Public Inspection: The Draft Project Description Report titled "Project Description Report- Bluewater Wind Energy Centre" describes the facility as consisting of up to 40 GE xle 1.5-MW turbines or up to 39 Siemens 101 2.3-MW turbines with ancillary facilities including step-up transformers, transformer substations, electrical collector systems, turbine access roads, operations building, meteorological towers and construction staging areas.

A copy of the Draft Project Description Report is being made available for public inspection on May 28, 2010 at *www.canadianwindproposals.com*. Written copies will be available at the public meeting.



Project Contact and Information:

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

Tom Bird, Environmental Services Project Manager
NextEra Energy Canada, ULC
5500 North Service Road, Suite 205
Burlington, ON L7L 6W6
Bluewater.Wind@nexteraenergy.com
1-877-257-7330

Wind Energy Centres

Bluewater • Goshen • Jericho

Welcome!

NextEra Energy Canada and Canadian Green Power welcome you to the Goshen Wind Energy Centre Open House.

We are here to:

» Describe our project

» Provide you with information on the Renewable Energy Approvals process

» Answer your questions

» Consider your comments

» Make the draft Project Description Report available to you

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Welcome!

NextEra Energy Canada and Canadian Green Power welcome you to the Bluewater Wind Energy Centre Open House.

We are here to:

» Describe our project

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» Answer your questions

» Consider your comments

» Make the draft Project Description Report available to you

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Welcome!

NextEra Energy Canada and Canadian Green Power welcome you to the Jericho Wind Energy Centre Open House.

We are here to:

» Describe our project

» Provide you with information on the Renewable Energy Approvals process

» Answer your questions

» Consider your comments

» Make the draft Project Description Report available to you

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A Leader in Clean Energy

NextEra Energy Canada is part of NextEra Energy Resources.

We are:

» a leading global generator of renewable energy

» the largest generator of both wind and solar power in North America operating wind energy facilities for 21 years

» the operator of nearly 9,000 turbines producing approximately 18,000 megawatts of generating capacity in North America

» headquartered in Juno Beach, Florida with Canadian operations based in Burlington, Ontario

Our wind centres in Canada

» Quebec: Mount Copper Wind Energy Centre

» Nova Scotia: Pubnico Point Wind Energy Centre

» Ontario projects under development:

- Wellington County: Conestogo Wind Energy Centre
- Haldimand County: Summerhaven Wind Energy Centre

Did you know that NextEra Energy Resources....

- began developing renewable projects in 1989
- has approximately 4,500 employees in North America

www.NextEraEnergyResources.com

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Canadian Green Power:

NextEra Energy Canada's Local Partner

Canadian Green Power Investment & Management Services Inc. is dedicated to enabling Ontario to become self-sufficient in the development and production of clean, green energy.

» is an independently owned wind power development company headquartered in Guelph, Ontario

» works closely with local landowners to determine potential locations for wind turbines and negotiate the safe and respectful access to landowner property

» has been active in the project area since 2005

Over 200 local landowners are currently participating in the NextEra Energy Canada/CGP wind project collaboration.

www.canadiangreenpower.com

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Why is Southwestern Ontario 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 Project Study Area since 2007 measuring wind speeds at 40 metres, 50 metres and 60 metres
- » wind speeds are viable for wind energy generation
- » region is well serviced by existing transmission lines that have available capacity
- » existing transmission lines can transport electricity to the surrounding communities and larger urban centres

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Benefits of Wind Power

Clean and Efficient

» minimal greenhouse gas emissions - fully offset after six months of operation
» efficient and reliable
» complements agricultural operations
» does not use water
» low environmental impact
» free, renewable energy source

Economic Benefits for the Local Economy

» requires manufacturing of some components
» 4-6 full time jobs per project
» direct income to landowners
» 200-300 construction jobs

Price Stability

» helps stabilize the cost of power
» decentralizes power production
» no fuel cost
» electricity produced domestically

Reliable Supply

» project cost/benefit considers the wind "capacity factor" derived from wind modeling and monitoring
» results in accurate predictions of energy production

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The Project: Bluewater

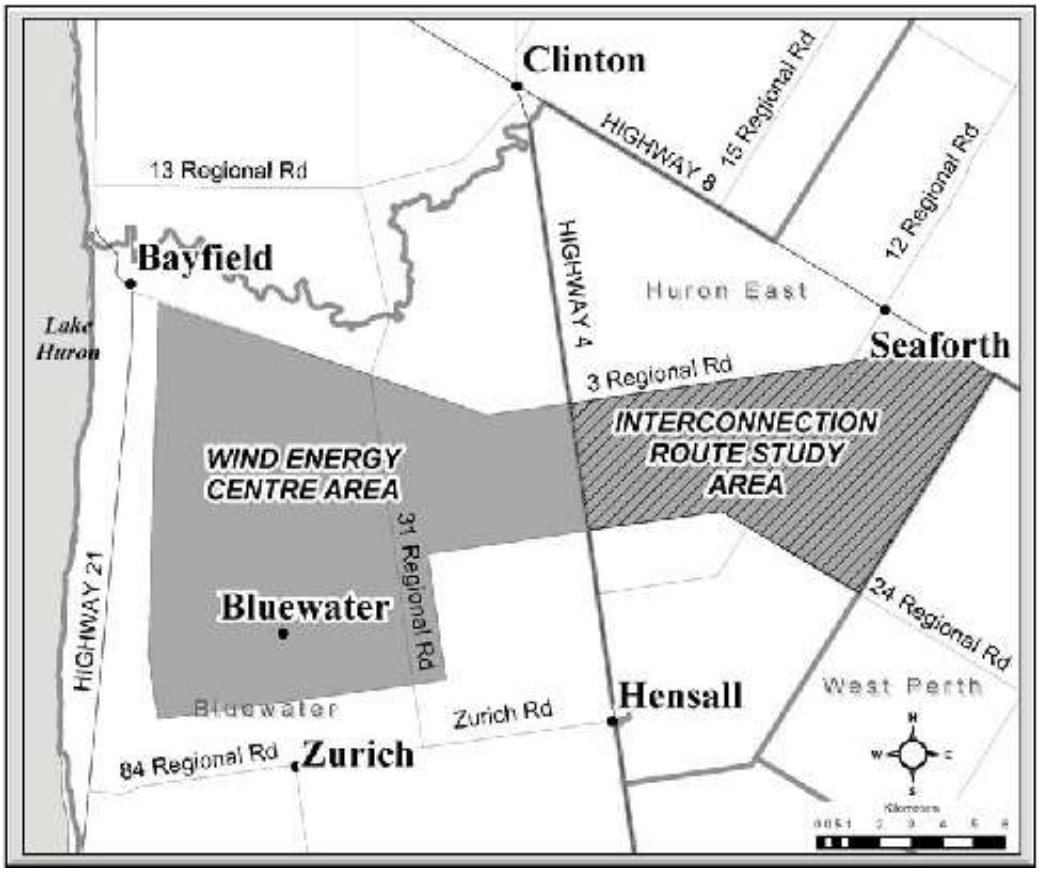
» proposed Bluewater Wind Energy Centre project is planned to be located on private lands east of Highway 21 between Bayfield and Zurich in Huron County

» project categorized as a Class 4 wind facility and will generate up to 90 MW of electricity, enough to power 22,500 homes.

» project infrastructure will include:

- up to 60 GE model or up to 39 Siemens model wind turbine generators
- new turbine access roads
- buried and overhead electrical collector lines
- transformer substation and shared operations building

Bluewater Wind Energy Centre Study Area

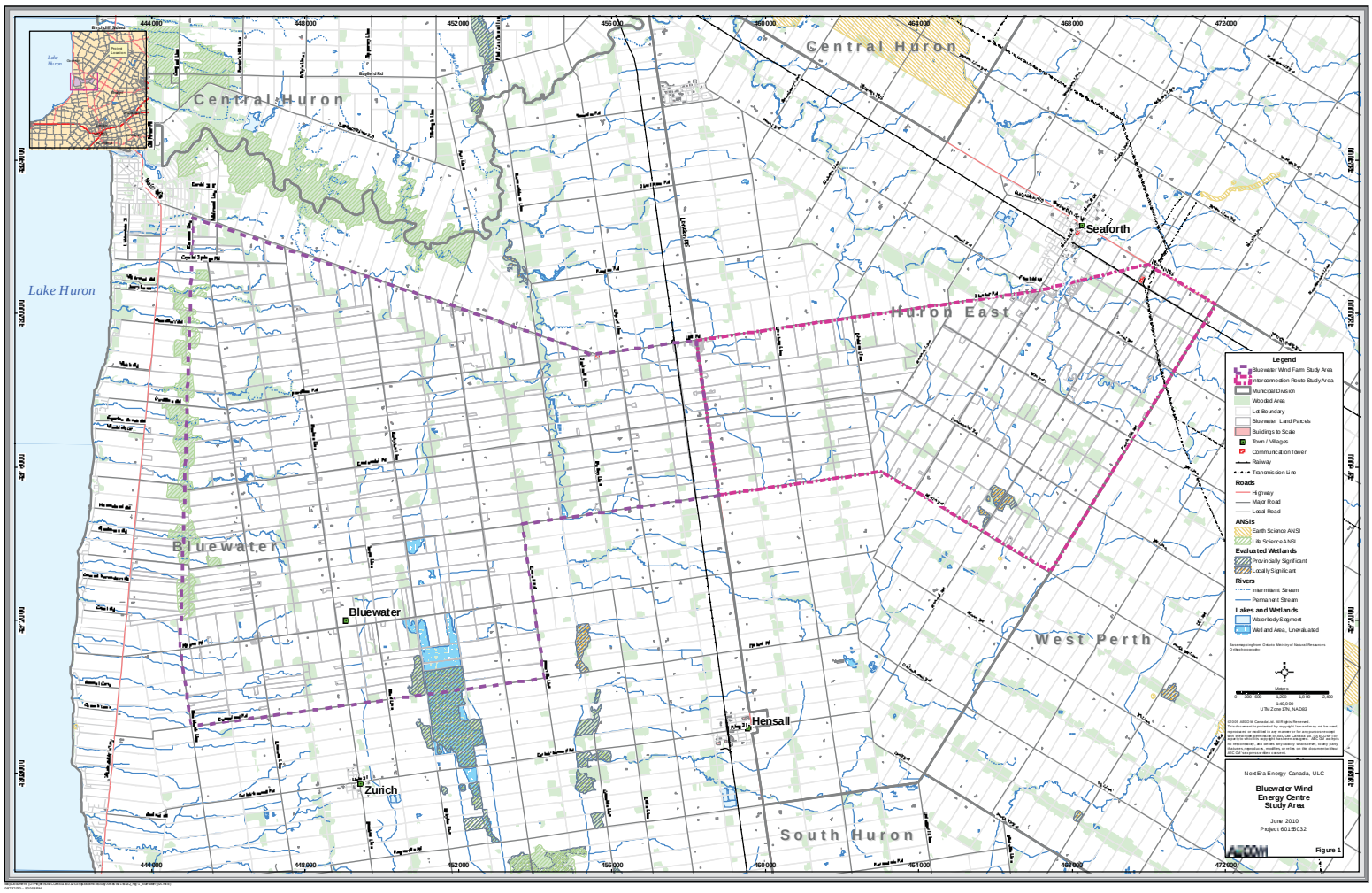


Wind Energy Centres

Bluewater • Goshen • Jericho

Existing Features:

Bluewater Wind Energy Centre Study Area



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The Project: Goshen

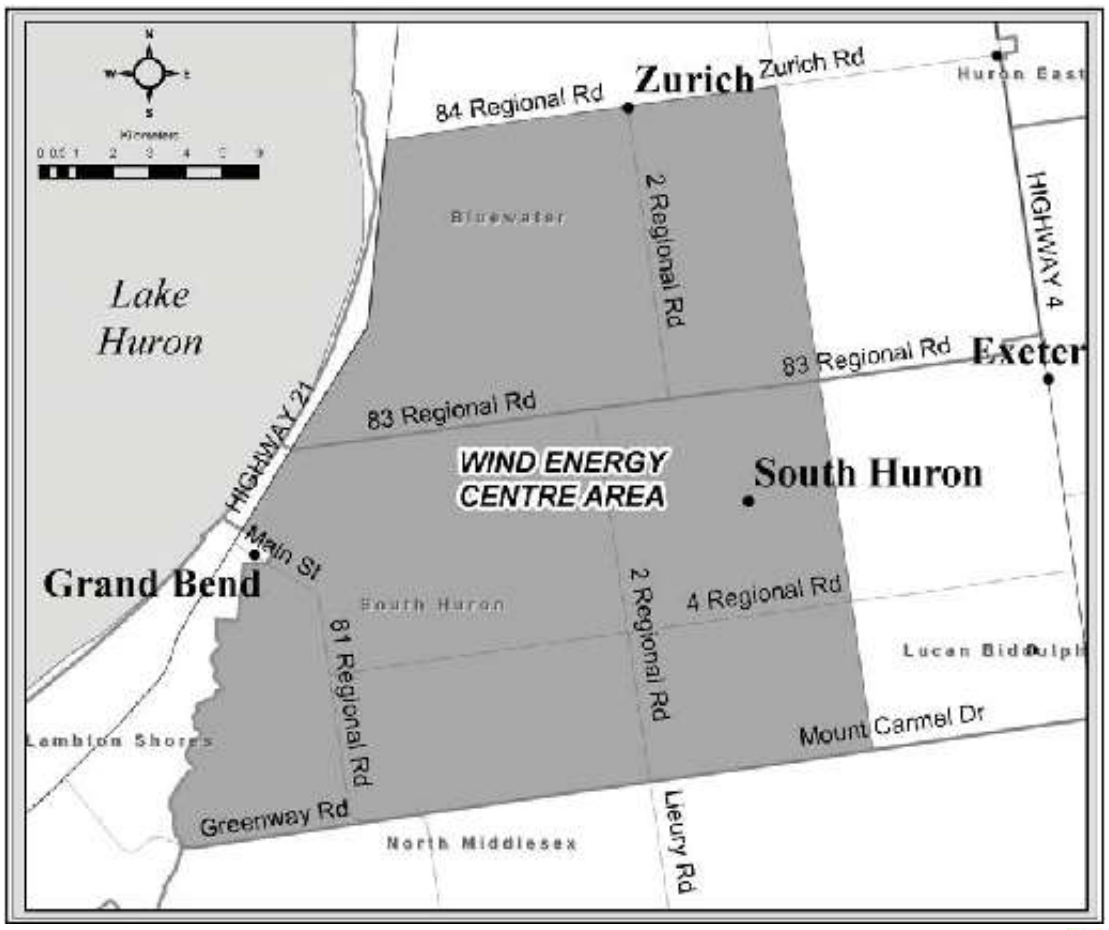
» proposed Goshen Wind Energy Centre project is planned to be located on private lands east of Highway 21 between Zurich and Mount Carmel Drive in Huron County

» project is categorized as a Class 4 wind facility and will generate up to 160 MW of electricity, enough to power 40,000 homes

» project infrastructure will include:

- up to 106 GE model or up to 69 Siemens model wind turbine generators
- new turbine access roads
- buried and overhead electrical collector lines
- transformer substation and shared operations building

Goshen Wind Energy Centre Study Area



Wind Energy Centres Proposals

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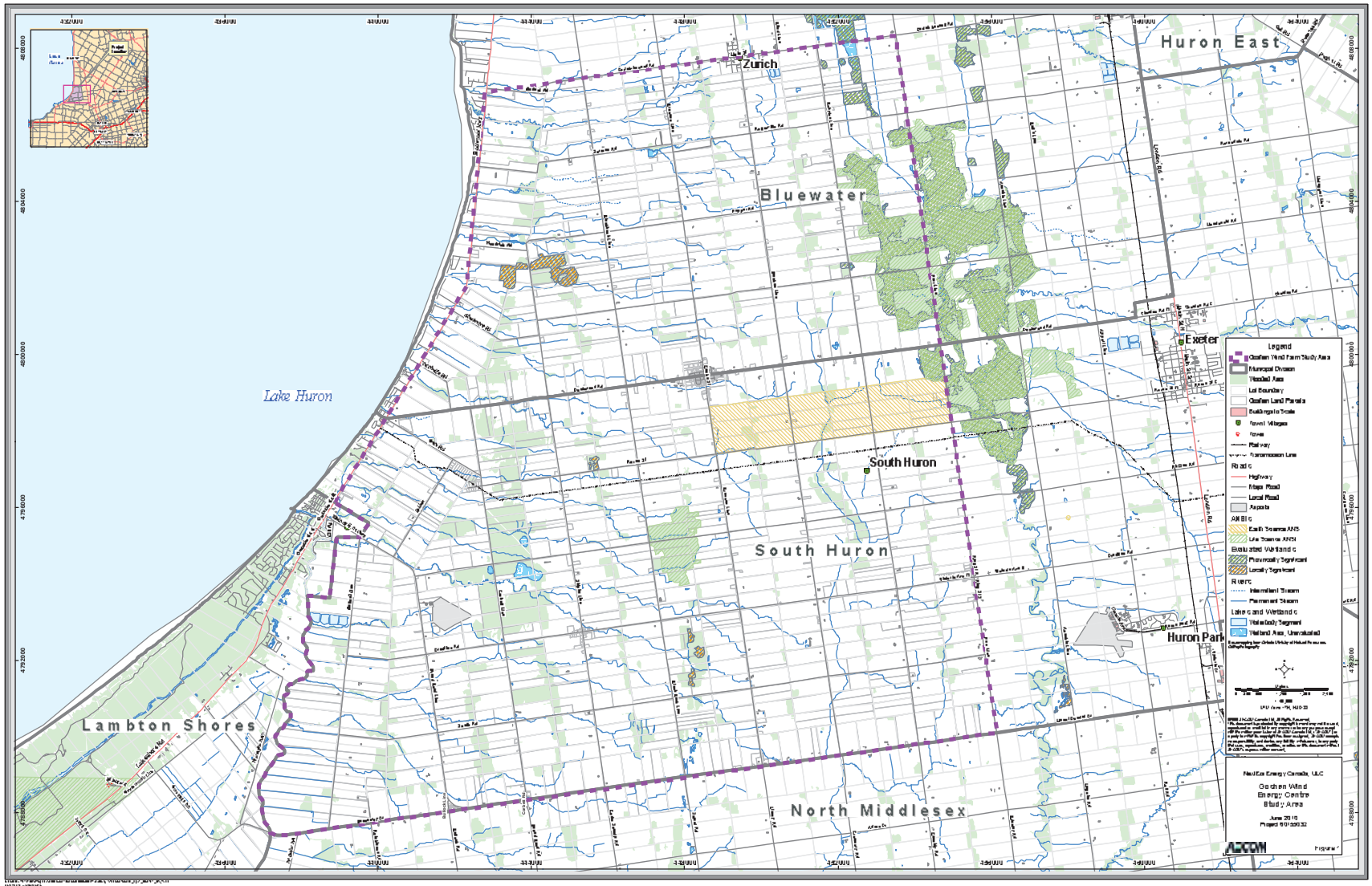
Existing Features: Goshen Wind Energy Centre Study Area



Wind Energy Centres

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The Project: Jericho

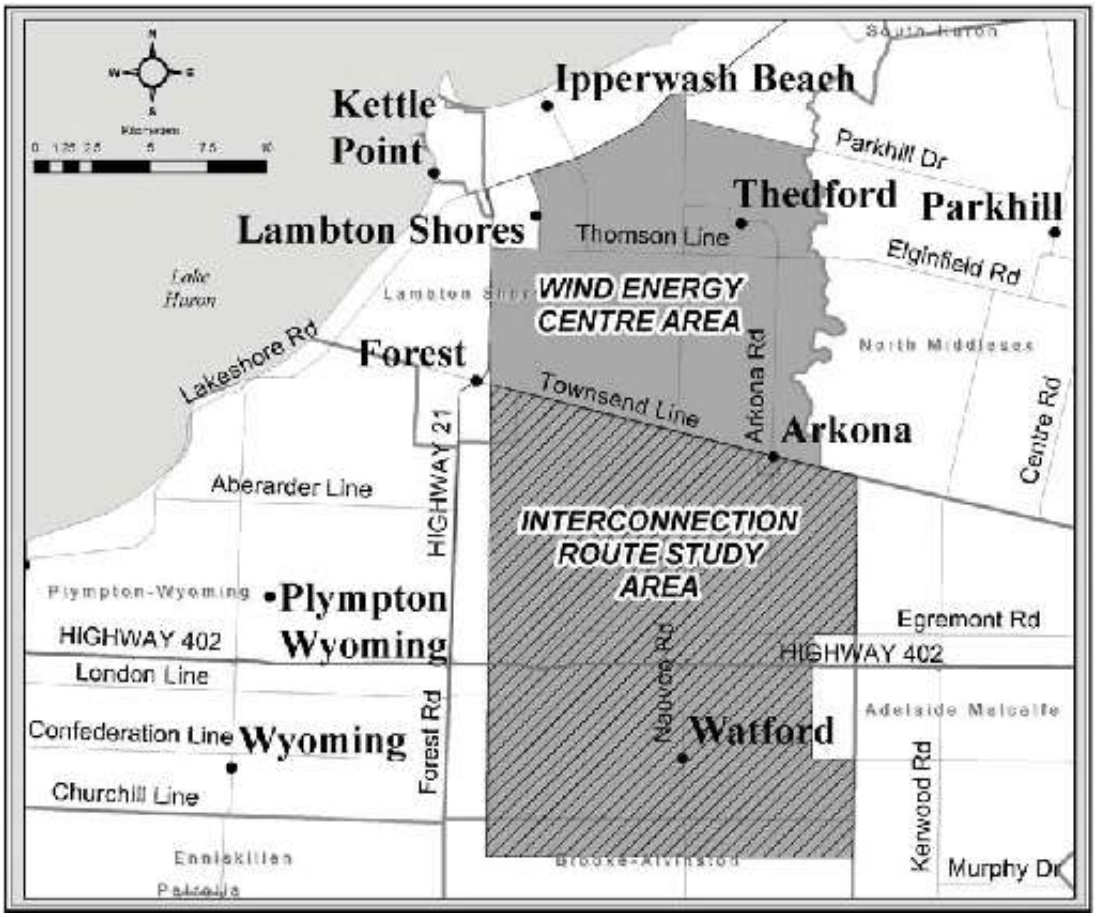
» proposed Jericho Wind Energy Centre is planned to be located on private lands southeast of Highway 21 between Thedford, Forest and Arkana in Lambton County

» project is categorized as a Class 4 wind facility and will generate up to 230 MW of electricity, enough to power 57,000 homes

» Project infrastructure will include:

- up to 153 GE model or up to 100 Siemens model wind turbine generators
- new turbine access roads
- buried and overhead electrical collector lines
- transformer substation and shared operations building

Jericho Wind Energy Centre Study Area



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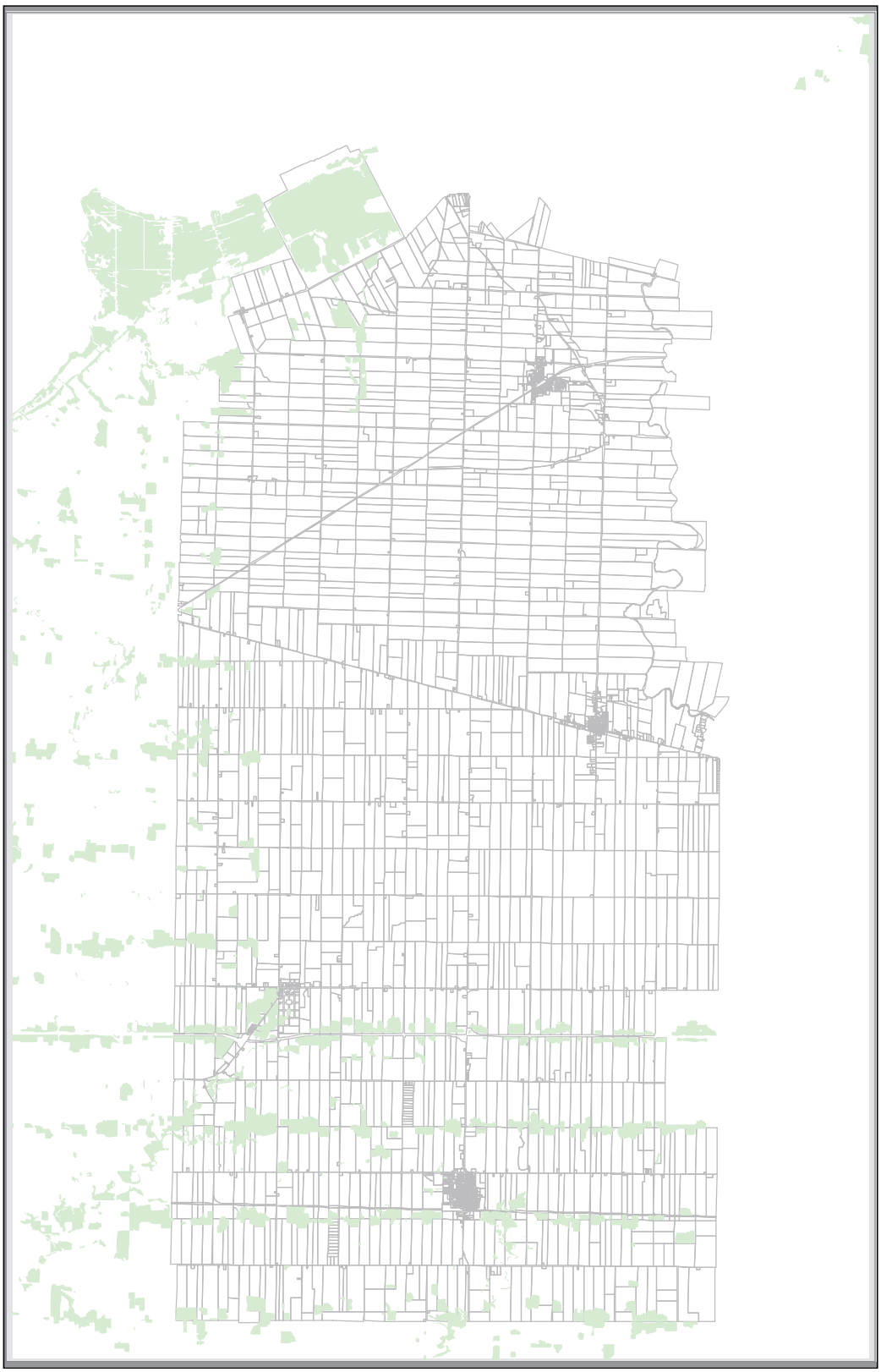
Existing Features:

Jericho Wind Energy Centre Study Area



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Renewable Energy in Ontario

The Green Energy and Green Economy Act

» developed to stimulate green economy in Ontario and create up to 50,000 jobs

Key components:

» a provincial obligation to purchase green energy

» priority grid access for renewable energy projects

» long-term fixed-price power contracts

» streamlined regulatory and approvals process

Provincial Green Energy Initiatives and the Feed in Tariff Program (FIT):

» Feed in Tariff (FIT) Program, recently launched by the Ontario Power Authority, is North America's first comprehensive guaranteed pricing structure for renewable electricity production

» FIT offers stable prices and long-term contracts to green energy projects that encourages investment in renewable energy and economic development across the Province

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Ontario's Renewable Energy Approval Process

» Renewable Energy Approval (REA) process, outlined in Ontario Regulation 359/09, is required for larger wind power projects under Ontario's Green Energy Act

» NextEra Energy Canada and CGP will submit a Renewable Energy Approval application to the Ontario Ministry of the Environment (MOE) for each project

» MOE will assess application for completeness and decide whether to issue approval

» Other agencies, including the Ministry of Natural Resources (MNR), the Ministry of Transporation (MTO), the Ministry of Tourism and Culture (MTC) and local conservation authorities also provide input

Reports included in application:

- Archaeological Assessment
- Construction Plan
- Consultation
- Decommissioning
- Design and Operations
- Natural Heritage
- Noise Study
- Project Description
- Wind Turbine Specifications

Study progress:

» environmental studies are currently underway and we expect to release the above-noted reports in draft format in the fall of 2010

» please note that the draft Project Description Reports are available online at:

www.CanadianWindProposals.com

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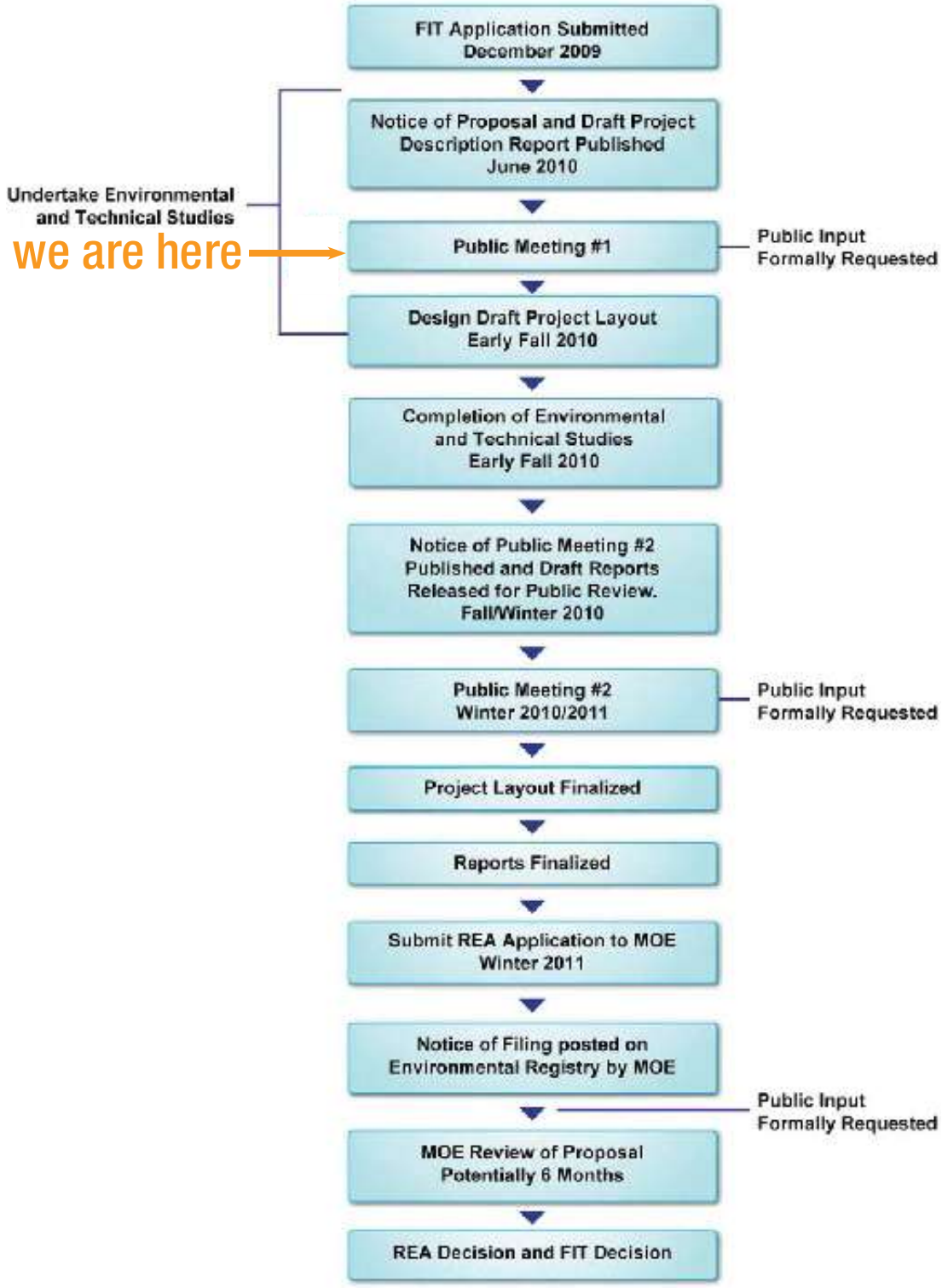
Renewable Energy Approvals Process



We welcome stakeholder comments throughout the REA process.

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Aboriginal Engagement

» Ontario Regulation 359/09 has specific requirements for Aboriginal consultation

» Ontario Power Authority's Feed in Tariff program reinforces the importance of Aboriginal consultation

» Canada's Constitution Act, 1982, recognizes the rights of Aboriginal peoples (First Nation, Inuit and Métis)

» Project proponents are delegated the "procedural aspects" of Aboriginal consultation

» Aboriginal consultation may include environmental, archaeological, cultural and spiritual issues

» NextEra Energy Canada will work collaboratively 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

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Land Use

» majority of lands in the Project Study Area are agricultural

» other land uses include non-farm residences, businesses and woodlots

» industrial, commercial, and institutional land uses will be identified through the municipal consultation as part of the REA Process

» lands along the lakeshore, particularly west of the Project Study Areas and Highway 21 are generally permanent / seasonal residences

Agricultural land use and wind turbines work well together:

- turbines and access roads use very little space
- a single turbine, together with its access road, will take up on average only 1.0 – 1.5% of a typical 40 hectare farm parcel
- open space provides optimal wind regimes
- turbines are generally located at the rear of properties
- access roads typically improve access to rear portions of properties and fields

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Archaeology and Heritage

» archaeological assessment must be conducted if the project may have an effect on archaeological resources

» at least two stages of archaeological resource assessments may be required for the proposed project

Stage 1 Archaeological Assessment:

» provides a description and evaluation of all features with archaeological potential in the Project Study Area

» evaluation is based on information gathered about the study area's geography, history, current land use, and any previous archaeological research within the area

» recommends whether further studies (i.e. a Stage 2 Archaeological Assessment) are required

Stage 2 Archaeological Assessment:

» provides an inventory of all archaeological sites present in the study area by surveying the proposed locations of project infrastructure

» If archaeological resources are recovered within the areas surveyed, additional fieldwork may be required by the Ministry of Culture as part of a follow-up Stage 3 or Stage 4 archaeological assessment

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Natural Heritage: Water

- aquatic features within 120 m of proposed turbines, access roads or underground cables are assessed for potential effects
- all watercourses in the Project Study Area are mapped using Ontario Base Mapping and refined based on field surveys
- aquatic field work will confirm the mapped drainage features and will examine proposed watercourse crossings and locations of other proposed infrastructure in proximity to watercourses
- design of access road watercourse crossings will ensure no disruption of flow to downstream areas and no barriers to fish passage
- will obtain all applicable permits from the appropriate approval agencies (Ausable-Bayfield Conservation Authority, St. Clair Region Conservation Authority, and the Ministry of Natural Resources)

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Natural Heritage: Birds

» avian (bird) studies are required as part of Renewable Energy Approval process

» study team will identify baseline conditions to describe the time and locations used by birds in study area to evaluate potential effects

» bird surveys will include Spring Bird Migration Surveys, Breeding Bird Surveys, Fall Bird Surveys and Winter Bird Surveys

» study protocol meets or exceeds the requirements of the Canadian Wildlife Service's Environmental Assessment Guidelines for Wind Turbines and Birds (Environment Canada, 2007)

Key questions to be addressed by the bird studies:

- What species use the Project Study Area during the winter, the breeding season, and in the spring and fall migration?
- Where within the Project Study Area do birds live and what habitats do they use?
- Are there key habitat features that increase the probability of bird use in specific areas?
- Does an individual species or group exhibit distinctive behaviour patterns over specific areas?

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Natural Heritage: Bats

Bat monitoring will take place during the summer of 2010 during peak periods of residential bat activity.

Study steps:

- first step: identify natural features that could be significant bat habitat
- next step: through-the-night acoustic monitoring and evening visual surveys
- final step: use study findings to determine wind turbine setbacks from woodlands and other natural features for bats

» bat monitoring is being completed in accordance to the Ontario Ministry of Natural Resources "Bats and Bat Habitats: Draft Guidelines for Wind Power Projects (March 2010)" and in conjunction with Natural Heritage Assessment requirements of the Renewable Energy Approvals process

» Ministry of Natural Resources is also consulted during the development of the bat monitoring protocol for each wind energy centre

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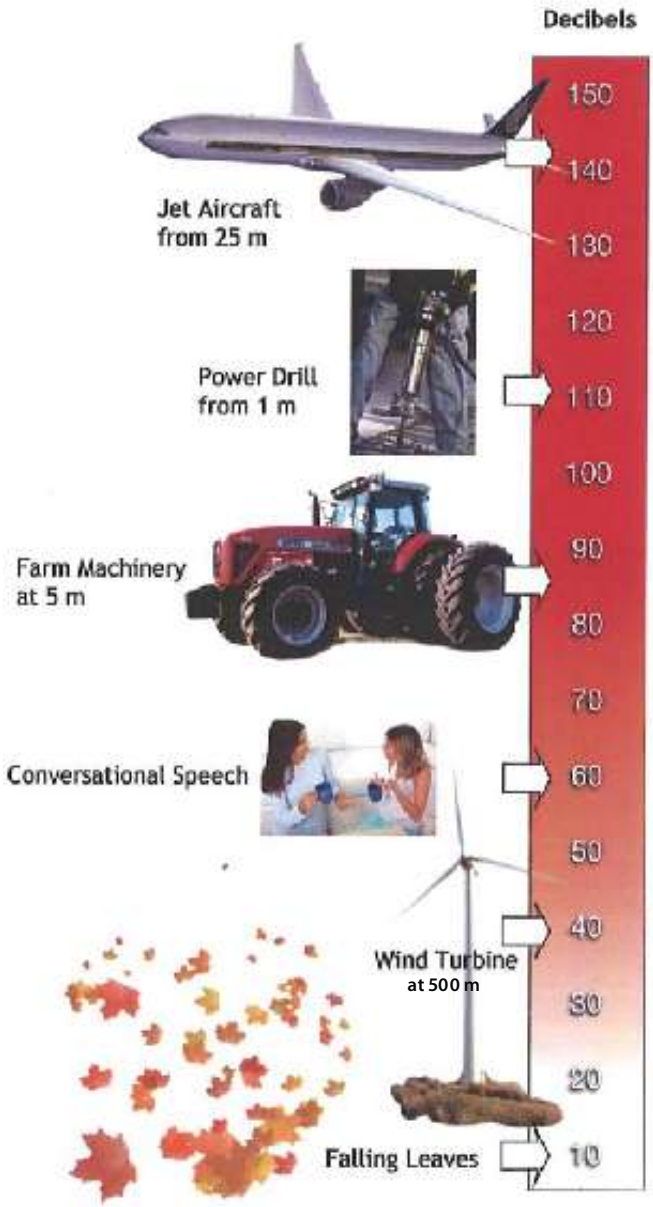
Noise Studies

Noise studies will be prepared to help us decide on final turbine layouts.



Noise Study

Step 1: Identify points of reception – people who may be affected by operating turbines

» points of reception are typically nearby houses

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

» the noise model will show us the overall noise levels generated from all project turbines

Step 4: Using noise model results, turbine layouts will be revised as necessary to ensure that the final turbine layouts meet all applicable noise guidelines

» the study is reviewed by the Ministry of Environment to ensure compliance

Renewable Energy Approval Requirements (O.Reg. 359/09)

» wind turbines will be set back from receptors by at least 550 m

» turbines must meet provincial noise limits as outlined in Ministry of the Environment publication 4709e "Noise Guidelines for Wind Farms"

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Noise Studies

Noise studies will be prepared to help us decide on final turbine layouts.

Noise Study

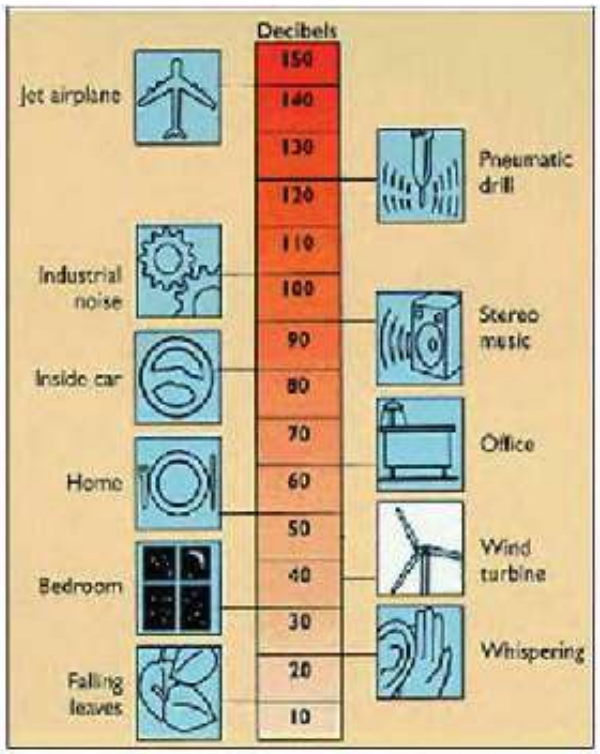
Step 1: Identify points of reception – people who may be affected by operating turbines. Points of reception are typically nearby houses.

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. The noise model will show us the overall noise levels generated from all project turbines.

Step 4: Using noise model results, turbine layouts will be revised as necessary to ensure that the final turbine layouts meet all applicable noise guidelines.

Comparing Sound Levels



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Turbine Specifications

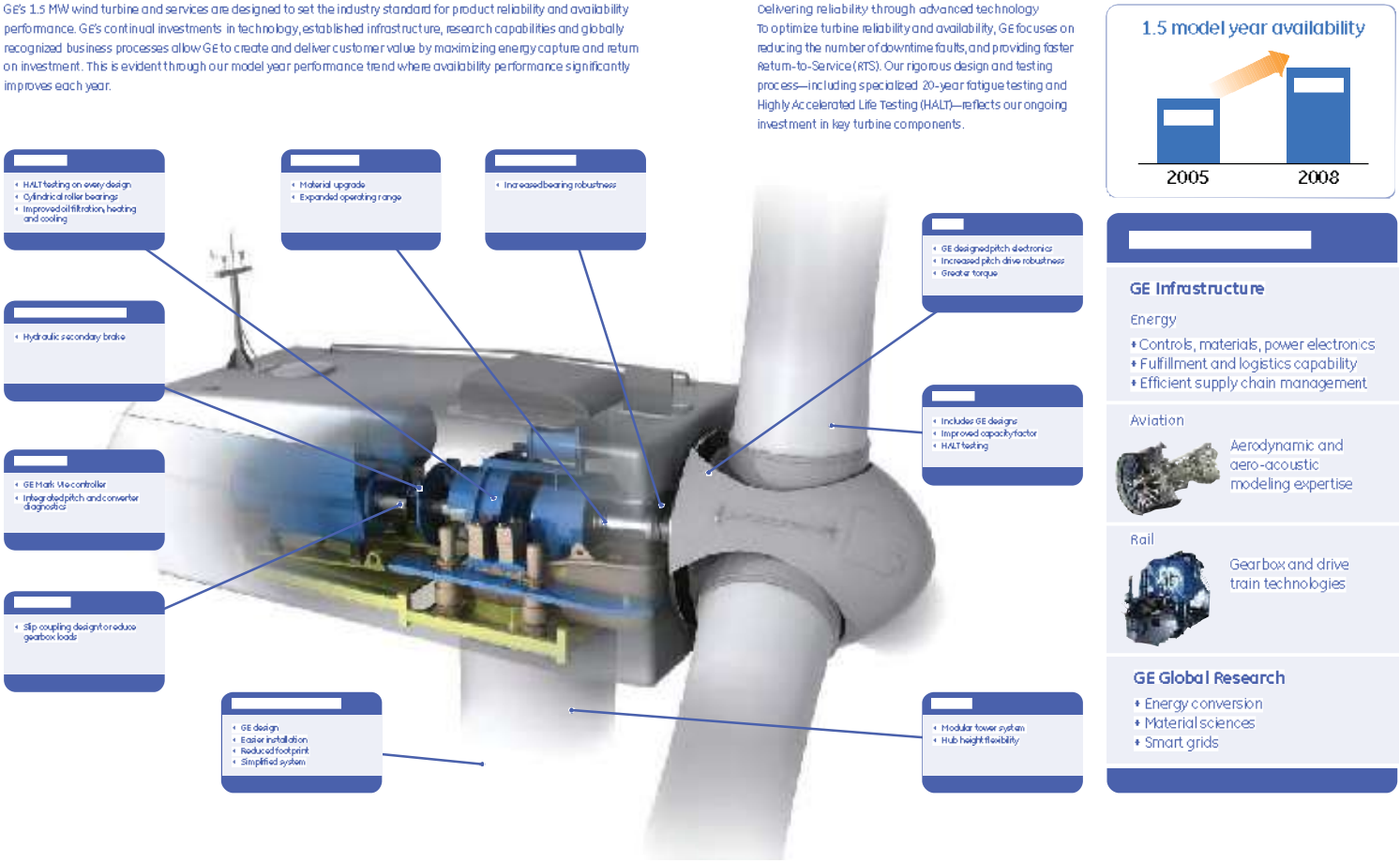
GE 1.5 MW Wind Turbine

Leading reliability and availability performance

GE's 1.5 MW wind turbine and services are designed to set the industry standard for product reliability and availability performance. GE's continual investments in technology, established infrastructure, research capabilities and globally recognized business processes allow GE to create and deliver customer value by maximizing energy capture and return on investment. This is evident through our model year performance trend where availability performance significantly improves each year.

Delivering reliability through advanced technology

To optimize turbine reliability and availability, GE focuses on reducing the number of downtime faults, and providing faster Return-to-Service (RTS). Our rigorous design and testing process—including specialized 20-year fatigue testing and Highly Accelerated Life Testing (HALT)—reflects our ongoing investment in key turbine components.



This is an example of the type of technology that may be used for the projects.

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Cranes lift a rotor to be installed on the nacelle at the top of the tower.

Construction Plan

Turbine siting and surveys

» site preparation will include final turbine siting and surveys

» during these surveys, boundaries of turbines sites will be staked and existing buried infrastructure will be located and marked

Access roads

» Municipal and Provincial roads will be used for transportation of equipment to the construction sites

» minor modifications may be required to some of the existing roads (e.g., widening the turning radius) for equipment transportation

» any road damage will be repaired

» new access roads will typically be 11 m wide during the construction phase and reduced to 6 m during the operations phase

» the disturbed area will have the topsoil replaced from stockpiled material and will be reseeded in consultation with the landowner

» 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

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Construction Plan

Electrical Collector System:

- this system consists of a mixture of underground cables, overhead lines, pad mounted transformers and a substation
- underground cables will be used on private property and above ground collector lines will run along road right-of-ways
- 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 the landowners

Wind Turbines:

- foundations will be made of a wooden frame and poured concrete reinforced with steel rebar to provide strength
- each foundation will require an excavation of approximately 20 metres by 20 metres and 3 metres deep
- only the tower base portion of the foundation will be left above ground
- the turbine is then anchored to the foundation by large bolts set in concrete
- total turbine assembly and installation will typically require 4 - 5 days per site
- following commissioning, the surrounding area will be returned to its original state

Operations Building:

- this building will be constructed on privately held lands. It will be used to monitor the day-to-day operations of the wind farm and to support maintenance efforts
- 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
- both will be constructed in accordance with applicable municipal and provincial standards

Construction equipment moves soil as part of the site preparation process.

A cement truck delivers cement to a foundation.

A wind turbine component, known as a nacelle, is lifted from a truck.

Blades are transported to the site for assembly with the wind turbine.

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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 monitoring and diagnostic centre
- » local operations team available to answer your questions and address concerns

Fleet Performance and Diagnostics Centre

Decommissioning Plan

» project is expected to be operational for 25+ years

» plan needs to be in place now to remove all turbines to the top of the foundations after 25 years

» repair, refurbishment and replacement of turbines is typical of a preventative maintenance program

» options exist other than decommissioning

Components to be removed:

- turbines
- underground cables
- overhead lines and poles
- substations

» the top one metre of turbine foundations will be removed and replaced with clean fill and stockpiled with topsoil

» areas will be reseeded where appropriate

» access road removal will be dependent on the requirements of the landowner

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Thank You for Attending!

» thank you for attending this evening's Public Open House

» 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

» should you have any further questions or comments, please do not hesitate to contact us at any point in this process, either by email at:

Bluewater.Wind@nexteraenergy.com
Goshen.Wind@nexteraenergy.com
Jericho.Wind@nexteraenergy.com

» Phone: 1-877-257-7330

» Mail: Tom Bird
Environmental Services Project Manager
NextEra Energy Canada
5550 North Service Road, Suite 205
Burlington, ON, L7L 6W6

Project updates available at:

www.canadianwindproposals.com

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BLUEWATER

~~Goshen~~ Wind Energy Centre Project
Public Information Centre Survey

Personal Information (optional)

Name: [redacted]

Address: [redacted]

Phone:

Email:

1. How did you hear about the Public Information Centre? (circle all that apply)
   (a) Invitation sent by NextEra Energy Canada
   (b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the ~~Goshen~~ BLUEWATER Wind Energy Centre project?

   WHERE ARE THE TRANSMISSION LINES GOING TO BE IF GOING TOWARDS SEAFORTH

3. Were your questions/concerns answered to your satisfaction? If no, please explain.

   YES

4. What remaining questions or concerns do you have about this project?

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

MIXED FEELINGS

6. What did you learn about NextEra Energy Canada or the Goshen Wind Energy project?

IT IS IN THE EARLY STAGES.

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
   a) by phone
   b) by mail
   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
   g) I don't want to receive further information about this project

8. Was the information provided today helpful and informative? (YES) NO

If you would prefer to mail or fax your completed survey, please send to:
NextEra Energy Canada
Att: Thomas Bird
5500 North Service Road, Suite 205
Burlington, ON L7L 6W6

or

please fax to (905) 335-5731

NEXTera ENERGY CANADA

Bluewater Wind Energy Centre Project
Public Information Centre Survey

Personal Information (optional)

Name: [redacted]

Address:

Phone:

Email:

1. How did you hear about the Public Information Centre? (circle all that apply)
   a) Invitation sent by NextEra Energy Canada
   b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the Bluewater Wind Energy Centre project?

   How They operate & install the machine

3. Were your questions/concerns answered to your satisfaction? If no, please explain.

   Yes very well

4. What remaining questions or concerns do you have about this project?

   How The machine works to control direction & wind speed affect the speed & power supplied

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

Yes clean power

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
   a) by phone
   b) by mail
   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
   g) I don't want to receive further information about this project

8. Was the information provided today helpful and informative? (YES) NO

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   b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the Bluewater Wind Energy Centre project?
   Why does the western boundary of the Goshen project go all the way West to highway 21 when the western boundary of the Bluewater project stays well to the east of highway 21

3. Were your questions/concerns answered to your satisfaction? If no, please explain.
   Questions were answered thoroughly — but the answers of course were highly biased.

4. What remaining questions or concerns do you have about this project?
   I have sent a list of 12 questions to Nicole Geneau.

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

No. Far too expensive. Far-reaching industrialization of the rural areas is very regrettable. The social, economic and visual impacts will be devastating to the local communities.

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
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   b) by mail
   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
   g) I don't want to receive further information about this project

8. Was the information provided today helpful and informative? YES NO

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Bluewater Wind Energy Centre Project
Public Information Centre Survey

Personal Information (optional)

Name [redacted]

Addre

Phone

Email:

1. How did you hear about the Public Information Centre? (circle all that apply)
   a) Invitation sent by NextEra Energy Canada
   b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the **Bluewater** Wind Energy Centre project?

   Health issues - stray voltage
   Beautiful view of the habit to be destroyed
   Property values to decrease

3. Were your questions/concerns answered to your satisfaction? If no, please explain.

   Some what, very nice people to talk to and most informative

4. What remaining questions or concerns do you have about this project?

   Larger set backs if put around my property
   and the wires put underground by my house both from the turbine and the transmission lines.

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

No.
Project will employ few local people
Local office after project is done will
employ 3 maybe 4 people.

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

I am well read so I have read about
these projects before and my concerns
are the same as many other people
across the world.

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
   a) by phone
   b) by mail
   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
   g) I don't want to receive further information about this project

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Bluewater Wind Energy Centre Project
Public Information Centre Survey

Personal Information (optional)

[redacted]

1. How did you hear about the Public Information Centre? (circle all that apply)
   a) Invitation sent by NextEra Energy Canada
   b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the Bluewater Wind Energy Centre project?
   - How close to Village of Zurich?
   - What impact on birds + migration
   - Why is the Village of Zurich shown or actually included in the Goshen Project - A large buffer needs to be put around Zurich?

3. Were your questions/concerns answered to your satisfaction? If no, please explain.
   Not sure yet - need more detail re: locations of windmills

4. What remaining questions or concerns do you have about this project?
   As above
   I am concerned about sound levels

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

It will likely create some income for a few. For most in Ontario - the new pricing of electricity is really negative!

If the Zurich buffer is significant, I might not object to project

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
   a) by phone
   b) by mail
   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
   g) I don't want to receive further information about this project

8. Was the information provided today helpful and informative? (YES) NO

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Public Information Centre Survey

Personal Information (optional)

Name: [redacted]

Addres

Phone

Email:

1. How did you hear about the Public Information Centre? (circle all that apply)
   a) Invitation sent by NextEra Energy Canada
   b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the Bluewater Wind Energy Centre project?

   * - distance to homes, cows, horses etc.
   Health concerns to animals - cow milk production
   + people *

3. Were your questions/concerns answered to your satisfaction? If no, please explain.

   Friendly + marketing product

4. What remaining questions or concerns do you have about this project?

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

No. - Tourism + too highly populated an area.

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
   a) by phone
   b) by mail
   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: Lakeshore Advance - Grand Bend Paper.
   g) I don't want to receive further information about this project

8. Was the information provided today helpful and informative? YES NO

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Personal Information (optional)

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Phone:

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   b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the Bluewater Wind Energy Centre project?

   Time my Approval Set back

3. Were your questions/concerns answered to your satisfaction? If no, please explain.

   Yes

4. What remaining questions or concerns do you have about this project?

   Will take back to association

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

Yes

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

One of several companies bidding on options for Wind power
- 3 possible Farm
Still in early phases of submission

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
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   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
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8. Was the information provided today helpful and informative? (YES) NO

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NEXTera ENERGY CANADA

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Personal Information (optional)

Name: [redacted]

Address:

Phone:

Email:

1. How did you hear about the Public Information Centre? (circle all that apply)
   a) Invitation sent by NextEra Energy Canada
   (b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the Bluewater Wind Energy Centre project?
   How soon will you put a wind tower on my land?

3. Were your questions/concerns answered to your satisfaction? If no, please explain.
   Yes

4. What remaining questions or concerns do you have about this project?
   None

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

Yes : short term construction jobs
long term jobs for service work.

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

Your project is not in my area yet, but hopefully in the near future. I am 100 percent for wind power. Please consider the Parr line for wind turbines.

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
   a) by phone
   b) by mail
   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
   g) I don't want to receive further information about this project

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Public Information Centre Survey

Personal Information (optional)

Name: [redacted]

Address:

Phone:

Email:

1. How did you hear about the Public Information Centre? (circle all that apply)
   a) Invitation sent by NextEra Energy Canada
   b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the Bluewater Wind Energy Centre project?

   WILL YOU TRY TO ADHERE TO THE BLUEWATER WIND ENERGY SETBACK BYLAW?

3. Were your questions/concerns answered to your satisfaction? If no, please explain.

4. What remaining questions or concerns do you have about this project?

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

NO - IT INDUSTRIALIZES RURAL COMMUNITIES AND WILL FUNDAMENTALLY CHANGE THE COMMUNITY AND THE ENVIRONMENT - NOT SINCE THE LAND WAS CLEARED HAS THERE BEEN SUCH CHANGE

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

THEY ARE DOING A GOOD JOB AT "LISTENING" IMPACT?

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
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   c) in person
   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
   g) I don't want to receive further information about this project

8. Was the information provided today helpful and informative? YES NO

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NEXTera ENERGY CANADA

Bluewater Wind Energy Centre Project
Public Information Centre Survey

Personal Information (optional)

Name: [redacted]

Address

Phone:

Email:

1. How did you hear about the Public Information Centre? (circle all that apply)
   (a) Invitation sent by NextEra Energy Canada - mail delivery
   b) Newspaper
   c) Friend or family member
   d) Other, please specify: _____

2. What questions or concerns did you have about the Bluewater Wind Energy Centre project?

- what is the current setback from wetlands?
- low level rumbling, decibels - untested/inconclusive affect on people
- loss of arable land re: right of way roads/maintenance roads - already have hydro road - attracts unwelcome trespassers, this will compound the issue.

3. Were your questions/concerns answered to your satisfaction? If no, please explain.

Unsatisfied at present.

also interesting cottagers & landowners along the lake & highway 21 were not part of the zone for study - ~~are there~~ yet arguably would have the best wind...

4. What remaining questions or concerns do you have about this project?

① West side of Parr Line an environmentally sensitive wetland area b/t Parr Line & Babylon (old) North of Walnut Rd beyond Kippen Road

② - concerns about low decibel rumbling to people & wildlife & livestock affecting health

③ tundra swans frequent wetlands nearby every spring - concerns about their safety (blades) and altering migratory pathways.

④ Ugly ugly ugly - ruin the vista & sunset that represents rural Ontario at its best.

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5. In your opinion, do you think this project will be beneficial to your community? If yes, what do you think the benefits of this project will be? If no, why not?

No. External jobs, no long term benefit to community

- locals left to deal with aging windmills

sound/decibel concerns

6. What did you learn about NextEra Energy Canada or the Bluewater Wind Energy project?

7. How would you prefer to receive further information about the project(s)? Circle all that apply:
   a) by phone
   b) by mail
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   d) at another open house event
   e) by email
   f) by the local newspaper, please specify the paper: _____
   g) I don't want to receive further information about this project

8. Was the information provided today helpful and informative? YES NO

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please fax to (905) 335-5731

July 12, 2011

<Name>
<Address>
<Address>
<Address>

Dear <Name>:

Regarding: Comments from the Bluewater Wind Energy Centre Public Meeting

NextEra Energy Canada, ULC (NextEra) would like to thank you for attending the public meeting on June 28, 2010 for the Bluewater Wind Energy Centre. As you are aware, NextEra, together with Canadian Green Power (CGP), commenced the Renewable Energy Approval (REA) Process for the Project in accordance with Ontario Regulation 359/09 (O.Reg. 359/09), the regulation governing renewable energy projects in Ontario.

NextEra takes communication with our communities seriously. Our commitment is to communicate openly and honestly with the public while we are developing and constructing the 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.

The Bluewater Wind Energy Centre will be located on private land in Huron County east of Highway 21. NextEra, along with CGP, is also proposing two additional wind energy projects, the Goshen and Jericho Wind Energy Centres, both located within the vicinity of this Project. Although separate REA applications will be submitted for each wind centre, our assessment will take into consideration cumulative noise effects of the three projects, as well as any other wind projects currently under development and within three kilometres of our defined project areas.

We thank you for your interest in the Project and appreciate your time in providing comments. As a result of the feedback we received, we are pleased to provide you with the following information outlining common comments from the public meeting and our responses. It is our intention to provide a summary of these topics to ensure all attendees receive answers to their questions, and the questions posed by other participants.

If you have a specific question that is not addressed in the information that follows, please do not hesitate to get in touch with us directly. Contact information for the Project team is provided at the end of this letter.

Topic	Response
Visual Effects	• A Visual Impact Assessment for the Project will be completed. This assessment will use Geographic Information System (GIS) technology to identify areas of potential changes in the viewscape. Locations most susceptible to effects are small villages and hamlets, as well as individual residences from where the proposed Project will be visible. As a result of the assessment, visualizations will be produced to simulate and communicate changes in the viewscape to interested members of the public.
Number of Turbines	• The final number of turbines to be built for this Project will depend on a number of factors. These include the wind resource, siting restrictions, such as setback distances, socio-economic or natural environment constraints, the capacity of the electrical grid, and interest shown by local landowners. In addition, the type of turbine technology selected can also affect the number of turbines as some turbines generate a greater amount of electricity, and therefore, reduce the number of turbines required. • The selection of turbine technology is based on its sound and power curve profiles as well as the manufacturer's ability to meet Domestic Content requirements within the Ontario Power Authority's Feed-In Tariff contracts. A number of turbine manufacturers and types are being considered; these include GE and Siemens. The maximum proposed size is between 36 and 60 turbines ranging in capacity from 1.6-megawatts to 2.5-megawatts with a maximum name plate capacity of 90-megawatts.
Proximity to Lake Huron	• All wind turbines will be located east of Highway 21. Therefore, no wind turbines for the proposed Wind Energy Centre will be located between Highway 21 and Lake Huron.
Turbine Locations	• NextEra is currently working through the exercise of siting the turbines. This process involves balancing the wind resource with environmental, socio-economic and engineering constraints, while at the same time adhering to the setback distances prescribed by the Province and outlined in O.Reg. 359/09. This regulation stipulates specific setback distances to various features such as houses and schools, as well as wetlands and environmentally sensitive areas. • In addition, detailed turbine siting on individual properties will be conducted in consultation with the landowner and in compliance with all provincial and federal requirements. Upon completing the turbine layout, NextEra will release its plans for public review and comment, including a list of all the setback distances used.
Turbine and Transmission Line Siting	• O.Reg 359/09 stipulates that wind turbines are to be located at a minimum setback distance from neighbouring property boundaries, equivalent to the blade length plus 10 metres unless the neighbouring landowner agrees to a smaller distance. • The collection cables from the turbines to the step-up transformer station will be buried and will typically be located under or alongside the access roads. The locations of the underground cables and access roads will be determined in consultation with the landowners and will also respect the setback requirements defined in O. Reg. 359/09. • The collection system from the step up transformer station to the connection point with the Provincial electricity grid will be located on private property, or within existing road right-of-ways, and will be either buried or mounted on existing hydro poles. The local utility company may require NextEra to erect additional poles, or replace undersized poles, in order to accommodate the collection line (if road right-of-

Topic	Response
	ways are used) but these will be located within the road right-of-ways and kept to a minimum. The interconnection plan for any wind farm is subject to study, design and engineering by the Integrated Electricity System Operator (IESO) which manages our provincial electricity system (the "grid"), Hydro One Networks Inc. (HONI), which owns the transmission lines, the local distribution company and the Ontario Energy Board (OEB), who regulates the industry through the Transmission System Code and the Distribution System Code. • A proposed turbine layout will be made available for public review and comment. This layout will identify the proposed placement of turbines based on the setbacks established by the Province and NextEra's assessments. The proposed location and types of transmission lines will also be assessed during the REA process, and will be presented at the next public meeting.
Cumulative Effects	• NextEra Energy Canada must consider the potential noise from other nearby wind turbines (within 3 km) when designing our project to ensure that the overall noise levels do not exceed the noise threshold set by the Ministry of Environment.
Electricity Costs	• On November 23, 2010, the Government of Ontario released its Long-Term Energy Plan, which is a 20-year plan to guide the Province's electricity system. This plan outlines the goals for Ontario's electricity system, as well as its future supply mix. We invite you to review the report which is available on the Ontario Ministry of Energy's website: http://www.mei.gov.on.ca/en/energy/. • The cost of wind power generation is competitive with 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. 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 the government. • 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 of cost should be between 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 of Ontario found that the average annual health-related damages due to coal could top $3 billion (DSS Management Consultants Inc., RWDI Air Inc. 2005. Cost Benefit Analysis: Replacing Ontario's Coal-Fired Electricity Generation.). • A recent study out of Harvard found that if one adds in the hidden costs of coal then its actual price is more like 9-27 cents higher per kilowatt hour (Epstein *et al.*. 2011. Full Cost Accounting for the Life Cycle of Coal in *Ecological Economics Reviews*).

Topic	Response
	The authors write: *"Each stage in the life cycle of coal—extraction, transport, processing, and combustion—-generates a waste stream and carries multiple hazards for health and the environment. These costs are external to the coal industry and are thus often considered externalities. We estimate that the life cycle effects of coal and the waste stream generated are costing the U.S. public a third to over one-half of a trillion dollars annually. Many of these so-called externalities are, moreover, cumulative. Accounting for the damages conservatively doubles to triples the price of electricity from coal per kWh generated, making wind, solar, and other forms of nonfossil fuel power generation, along with investments in efficiency and electricity conservation methods, economically competitive."*
Landowner Agreements	• It is common practice for wind energy developers to compensate landowners for hosting a wind turbine and associated infrastructure (i.e., access roads and electrical collection lines) for the duration of a project. This compensation is generally in the form of a fixed annual payment dependent upon the number of turbines installed on the landowners' property. These payments are intended to compensate for the small loss of acreage resulting from hosting the project on their property.
Community Benefits	• Landowners benefit from having a guaranteed source of revenue in addition to agriculture-based, seasonal revenue for hosting a wind turbine or associated infrastructure. This helps stabilize the overall economic prosperity of the community, while allowing traditional land-use practices to continue undisturbed. • Wind turbines contribute to the municipal tax base while not requiring any municipal services such as water, sewer, road clearing, etc. • Each individual Project in this area will create between 5 and 10 full-time jobs and will result in the location of an Operations Centre in one of the communities to serve the project(s). These individuals will live within the local community, pay property taxes, send their children to the local schools, volunteer at community organizations, etc.
Local Content and Local Employment	• The *Green Energy Act* requires that wind projects which generate greater than 10 kW of power include a specified amount of goods and services from Ontario. This is a requirement issued to the project's developer as part of receiving a Feed-in Tariff Contract from the Ontario Power Authority. The exact amount is based on the year the project will reach commercial operation; projects that enter commercial operation in 2012 or after, require a minimum of 50% domestic content. The minimum domestic content requirements are intended to provide a positive economic stimulus to the local economy and to increase local jobs associated with the green energy industry.
Property Values	• Numerous studies have been conducted that indicate that wind farms do not have a negative impact on property values. For links to these studies, please see: www.CanadianWindProposals.com.

Topic	Response
Effects to Wildlife, including Birds and Bats	• Potential effects to wildlife, including birds and bats, are being assessed as part of the REA application. NextEra will meet all of the requirements for conducting baseline wildlife, bird and bat studies, as described in the O.Reg. 359/09 and set out in guidelines prepared by the Ontario Ministry of Natural Resources (MNR), Environment Canada and the Canadian Wildlife Service. These guidelines include: ◦ Approval and Permitting Requirements Document for Renewable Energy Projects (September 2009) ◦ Natural Heritage Assessment Guide for Renewable Energy Projects (December 2010) ◦ Bats and Bat Habitats – Guidelines for Wind Power Projects (March 2010) ◦ Birds and Bird Habitats – Guidelines for Wind Power Projects (October 2010) • By adhering to prescribed setback distances for siting wind turbines adjacent to natural features and through the application of appropriate mitigation and avoidance measures, it is anticipated that all concerns regarding potential environmental effects will be satisfied. Furthermore, all work plans and results will be reviewed by the MNR and any comments received from MNR staff will be addressed to their satisfaction. • The Audubon Society released a statement on wind power in Audubon Magazine in 2006 (http://policy.audubon.org/audubon-statement-wind-power), an excerpt is provided below: *"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 [the United States'] 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."* • At NextEra, 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 Texas Christian University 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.

Topic	Response
Tundra Swan	• NextEra is conducting ongoing consultation with organizations such as Lambton Wildlife to identify local issues including swan migration routes and stopover areas. This information will be included in the baseline environmental data collected over the course of the Project development and used to identify appropriate turbine setbacks.
Effects to Livestock	• 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, including in the heart of Wisconsin dairy operations and Ohio corn and bean crop rotations. It has not been NextEra's experience that wind turbine operations have had 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.
Health Concerns	• NextEra 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*

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	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." • The American Epilepsy Foundation has indicated that flashing lights most likely to trigger a seizure occur at frequencies between 5 to 30 Hertz (Hz) – shadow flicker generated by wind turbines, however, has a frequency well below that level, and ranges from 0.5 to 1.25 Hz. • Additionally, the Province of Ontario has appointed Dr. Siva Sivoththaman 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." • NextEra will have a construction and operations communication program in place to address any concerns related to the project, should they arise.
Stray Voltage	• NextEra will use Industry Best Practices in the design of the Project to minimize the risk of stray voltage to consumers and to ensure our projects are built and maintained within acceptable levels as prescribed by the Distribution System Code and the Electrical Safety Authority. • 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. • If you think you have a stray voltage problem, please contact your local utility company. • 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
Sound	• 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. NextEra takes great care to ensure that it is in compliance with the noise requirements. For most houses, the sound levels will be well below the 40 dBA limit. When our projects become operational we commit to quickly addressing any concerns that arise regarding sound from our wind farm.

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	• In addition, 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. As well, NextEra is undertaking sound modelling to ensure the Project is in compliance with the O.Reg. 359/09 and the maximum permissible sound levels outlined in the Ontario Ministry of Environment's "Noise Guidelines for Wind Farms (2008)". NextEra will also use the sound modelling to determine if any additional setbacks are required based on the potential cumulative effect of multiple turbines from the Goshen, Bluewater and Jericho Wind Energy Centres, with potential sound effects from other wind projects in the vicinity, proposed by other wind energy developers.
Vibration	• With regard to vibration, no potential effects beyond those which would typically be associated with construction activities, for example construction traffic on roads and drilling turbine foundations, are anticipated.
Odour	• Turbines themselves do not produce odours. As odours associated with agricultural practices (e.g., odours generated from livestock production) are at ground level, NextEra does not anticipate odour magnification.
PCB Storage	• The use of polychlorinated biphenyls (PCBs) was banned from new equipment in Canada in the 1980s. The new step-up transformers proposed for the Project will contain an approved dielectric fluid, such as silicone oils or transformer-grade mineral oil. As such, no PCBs will be used in, or stored by, the Project. • Wind farms use very few hazardous materials. There are oils and other lubricants used in the turbine and transformers. NextEra strictly follows all spill prevention and material handling regulations to minimize any chance of potential effects from accidental spills.
Construction and Operation/ Maintenance Reports and Turbine Maintenance	• NextEra will complete a 'Construction Plan Report' and a 'Design and Operations Report' as part of its REA submission for the proposed Bluewater Wind Energy Centre. The requirements of these reports are outlined in O. Reg. 359/09. These reports will outline construction and installation activities and an overall operations plan that includes effects monitoring and maintenance plans. These reports will be made available for public review and comment. An operations building will also be constructed on privately held lands. This building will be used to monitor the day-to-day operations of the wind energy centre and to support maintenance efforts as outlined in the 'Design and Operations Report'. • Modern wind turbines are very reliable and the major components are designed to operate for approximately twenty-five years. It's important to keep in mind that wind turbines are large and complex electromechanical devices with rotating equipment and many components. With large numbers of turbines it is inevitable that component failures will occur despite the high reliability of the turbines fleet-wide. These repairs can usually be carried out within a few hours. • Our state-of-the-art operations command center is one of a few in the wind industry and has a major role in remotely managing wind turbine operation. The Fleet Performance and Diagnostic Center maintains continuous oversight of wind turbines at our sites. When our site personnel have gone home for the evening, the command

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	center staff is monitoring their wind turbines and can run diagnostic tests on turbines or adjust operations as needed. The center collects data that enables NextEra Energy Resources to schedule predictive maintenance to help ensure efficient operation.
Bluewater Wind Energy By-law and Municipal Consultation	• NextEra is conducting Project planning in compliance with the current Provincial regulation governing renewable energy projects in Ontario, O. Reg. 359/09, as amended in January 2011. This regulation sets out specific siting requirements for wind turbines, including setback distances, effects assessment studies, public and municipal consultation, etc. As a result, the Project will not specifically adhere to the "Bluewater Wind Energy" setback by-law referenced in your comments. However, as part of the consultation process and to fulfill the REA requirements, the Township of Bluewater and the County of Huron will be consulted throughout the Project planning process. • The Consultation Report, which will be included as part of the REA application and made available for public review and comment, will document the consultation process, including discussions with municipal governments with regards to setback issues.
Effects on Aerodrome	• There are both federal regulations to comply with, and industry best practices to adhere to, that we are undertaking to ensure that wind turbines will not include any physical obstructions to departure/approach areas and any issues with aircraft/aerodrome radar technology are addressed. In addition, NextEra has been conducting consultation with the Centralia/James T. Field Memorial Aerodrome and the Grand Bend Sport Parachuting Centre to identify any potential siting considerations.
Notification of Meetings	• The Notices advertising the June 2010 open houses were distributed according to the requirements outlined in Section 15 of O. Reg. 359/09 (the pre-amendment regulation). In summary, this stated that the Notice advertising a public open house must be: ◦ distributed at least 30 days prior to the first public meeting; ◦ advertised on two separate days in a newspaper with general circulation within 25 km of the Project location; ◦ displayed on the proponent's website; and lastly, ◦ provided to owners of land within 120 m of the Project location. • NextEra will continue to notify stakeholders of open houses in compliance with Ontario Regulation 359/09.
Format of the Public Open House	• It is our experience that meetings structured in an Open House format are the most effective way to communicate a large amount of information to members of the community. This provides local stakeholders with an opportunity to speak face-to-face with Project representatives and to ask the questions that are within their areas of interest. In addition, we understand that not all members of the public are comfortable asking questions in front of a large audience; as such, one-on-one discussions are an effective tool to encourage all interested parties to participate in a discussion. There are many subject matter experts involved in the planning, design, engineering, construction, permitting and development of a wind energy project. An open house format allows attendees to draw on the full range of expertise of these professionals.

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Social Effects Assessment	• NextEra is looking into potential social effects raised by local stakeholders through the consultation activities we undertake. Some issues being addressed include: health effects, property values, visual effects, community benefits and effects related to sound. In addition, our siting assessments are being undertaken to minimize potential effects to agricultural activities and natural heritage systems. • Information on each of these potential social effects will be included in the Project Description Report (PDR) and the Consultation Report being completed for the Project.
Trespassing Using Turbine Right of Ways	• As the turbines and access roads will be located on private properties, any unauthorized access will be considered trespassing. In order to discourage trespassing, NextEra will work with landowners to ensure that the access roads are gated, and/or that the appropriate signage is put in place.

Information on the Bluewater Wind Energy Centre will continue to be updated and posted as the proposed Project progresses. Further information on the Project can be found in the draft Project Description Report (PDR) for the Bluewater Wind Energy Centre. The PDR is posted online at: www.CanadianWindProposals.com.

If you have any further questions or comments, or if you would like to set up a meeting with the Project team, please do not hesitate to contact me at 1-877-257-7330, or by email at Bluewater.Wind@nexteraenergy.com.

Sincerely Bluewater Wind, LP

BY: Nicole Geneau
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