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**1.3 - Renewable Energy Generation Facility**

Type of Facility / Operation (select all that apply & complete all appropriate sections)

<input checked="" type="checkbox"/> Wind Facility (Land Based)	<input type="checkbox"/> Biofuel Facility
<input type="checkbox"/> Wind Facility (Off-Shore)	<input type="checkbox"/> Solar Photo Voltaic Facility
<input type="checkbox"/> Biogas Facility (Anaerobic Digesters)	<input type="checkbox"/> Other Describe :
<input type="checkbox"/> Biomass Facility (Thermal Treatment)	<input type="checkbox"/> Class (if applicable) :

Name Plate Capacity	Expected Generation	Service Area	Total Area of Site (hectares)
72.9 MW	72.9 MW		5,177 ha

Provide a description of the facilities equipment or technology that will be used to convert the renewable energy source or any other energy source to electricity.  
 Up to 45 GE 1.6-100 (1.62 MW) turbines are proposed to be installed for the Project, for a total installed capacity of 72.9 MW. The proposed GE 1.6-100 turbine is a 3-bladed, upwind, horizontal-axis turbine. The total rotor diameter of the turbine is 100 m, resulting in a swept area of 7,854 m<sup>2</sup>, and is designed to operate at between 9.75 and 16.18 revolutions per minute (rpm). The turbine rotor and nacelle are mounted on top of an 80 m tubular tower. Each turbine is mounted on a steel reinforced concrete foundation and equipped with a transformer, located outside the base of the tower. The electricity generated from each turbine will be fed into the Provincial electricity grid through a series of collection lines, a 115 kV transmission line and a transformer substation.

**1.4 – Renewable Energy Generation Activities**

Describe the activities that will be engaged in as part of the renewable energy project  
 The activities associated with the wind energy centre development include: detailed design, environmental permitting, construction, operation and decommissioning.

**Section 2 – Supporting Documents**

2.1 – Requirement	Name of Draft documents distributed for consultation	Date available to Municipal or Local Authority Contact
DRAFT Project Description Report	Draft Project Description Report	February 29, 2011
DRAFT Design and Operations Report	Draft Design and Operations Report	February 29, 2011
DRAFT Construction Plan Report	Draft Construction Plan Report	February 29, 2011
DRAFT Decommissioning Plan Report	Draft Decommissioning Plan Report	February 29, 2011
List of other Documents	Draft Water Assessment and Water Body Report	February 29, 2011
	Draft Wind Turbine Specification Report	February 29, 2011
	Cultural Heritage Assessment Report	February 29, 2011
	Stage 1 and 2 Archaeological Assessment Report	February 29, 2011
	Natural Heritage Assessment Report	February 29, 2011

**Location where written draft reports can be obtained for public inspection** *(physical location for viewing and the applicants project website if one is available):*  
 www.NextEraEnergyCanada.com

### Section 3 – Applicant Address and Contact Information

<b>3.1 - Applicant Information</b> <i>(Owner of project/facility)</i>				
Applicant Name <i>(legal name of individual or organization as evidenced by legal documents)</i> Bornish Wind LP, a wholly owned subsidiary of NextEra Energy Canada, ULC				Business Identification Number 83577 7251 RT0001
Business Name <i>(the name under which the entity is operating or trading - also referred to as trade name)</i>				<input checked="" type="checkbox"/> same as Applicant Name
Civic Address- Street information <i>(includes street number, name, type and direction)</i> 5500 North Service Road			Unit Identifier <i>(i.e. apartment number)</i> 205	
Survey Address <i>(Not required if Street Information is provided)</i>				
Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number.		Part and Reference: used to indicate location within an unsubdivided township or unsurveyed territory, and consists of a part and a reference plan number indicating the location within that plan. Attach copy of the plan.		
Lot	Conc.	Part	Reference Plan	
Municipality Burlington	County/District	Province/State Ontario	Country Canada	Postal Code L7L 6W6

# PART B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

## Section 4 - Municipal or Local Authority Contact Information (check the one that applies)

Local Municipality <i>(include each local municipality in which project location is situated)</i> <input type="checkbox"/> Yes <input type="checkbox"/> No					
Name of Municipality	Address	Phone	Clerk's Name	Clerk's Phone/Fax	E-Mail Address
Upper Tier Municipality <i>(include each upper tier municipality in which project location is situated)</i> <input type="checkbox"/> Yes <input type="checkbox"/> No					
Name of Municipality	Address	Phone	Clerk's name	Clerk's Phone/Fax	E-Mail Address
Local roads area <i>(include each local roads area in which project location is situated)</i> <input type="checkbox"/> Yes <input type="checkbox"/> No					
Name of local roads board	Address	Phone	Secretary-treasurer's Name	Secretary-treasurer's Phone/Fax	E-Mail Address
Board Area <i>(include each board area in which project location is situated)</i> <input type="checkbox"/> Yes <input type="checkbox"/> No					
Name of Local Service Board	Address	Phone	Secretary's name	Secretary's Phone/Fax	E-Mail Address

## Section 5: Consultation Requirement

<b>5.1 - Project Location</b>
Provide comment on the project location with respect to infrastructure and servicing.
<b>5.2 – Project Roads</b>
Provide comment on the proposed project's plans respecting proposed road access.
Identify any issues and provide recommendations with respect to road access
Provide comment on any proposed Traffic Management Plans
Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans

**5.3 – Municipal or Local authority Service Connections**

Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads.

Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads.

**5.4 – Facility Other**

Identify any issues and recommendations with respect to the proposed landscaping design for the facility

Provide comment on the proposed project plans for emergency management procedures / safety protocols.

Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.

Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location

**5.5 Project Construction**

Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction.

Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers

Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults

Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines and connections

Provide comment on the proposed project plans with respect to Building Code permits and licenses.

Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.

Identify any issues and recommendations related to the identification any archaeological resource or heritage resource.

February 28, 2012

Linda Creaghe, CAO  
Municipality of North Middlesex  
229 Parkhill Main Street, PO Box 9  
Parkhill, Ontario  
N0M 2K0

**Re: Bornish Wind Energy Centre – Municipal Consultation**

Dear Ms. Creaghe,

Bornish Wind, LP is proposing to develop the Bornish Wind Energy Centre. Bornish Wind, LP is a wholly-owned subsidiary of NextEra Energy Canada, ULC (NextEra). This Project is considered to be a Class 4 Wind Facility. The Project is proposed to consist of up to 45, 1.62 MW turbines (although 48 turbine positions will be processed for permitting under the Renewable Energy Approval (REA) Process) with a total nameplate capacity of up to 72.9 MW. The Wind Energy Centre is located in south-western Ontario, in the Municipality of North Middlesex, Middlesex County, Ontario. More specifically, the Project is located south of Elginfield Road, east of Pete Sebe Road, north of Elmtree Drive and west of Fort Rose Road. The total Study Area is approximately 5,177 ha.

NextEra is pleased to submit the enclosed REA documents and the Municipal Consultation Form, to be completed by your office. This initiates the Municipal Consultation Period under Ontario Regulation 359/09. We would be pleased to meet with you to discuss the enclosed reports and any comments you may have. Please do not hesitate to contact myself or Derek Dudek (Email: [Derek.Dudek@nexteraenergy.com](mailto:Derek.Dudek@nexteraenergy.com)) should you have any questions regarding your review of the documents.

Yours truly,

NextEra Energy Canada, ULC



Thomas Bird  
Environmental Services Project Manager

Cc. Derek Dudek, NextEra Energy Canada

Enclosed:

Municipal Consultation Form

One hard copy and one CD of the following REA Reports:

- Project Description Report
- Construction Plan Report
- Design and Operations Report
- Decommissioning Plan Report
- Wind Turbine Specification Report
- Natural Heritage Assessment Report (currently undergoing MNR review and will be updated accordingly prior to public review of the documents).
- Water Assessment and Water Body Report
- Cultural Heritage Assessment Report
- Stage 1 and 2 Archaeological Assessment Reports

February 28, 2012

Kathy Bunting, Clerk, c/o Sabrina Langill  
Middlesex County Administration Office  
399 Ridout Street North  
London, Ontario  
N6A 2P1

**Re: Bornish Wind Energy Centre – Municipal Consultation**

Dear Ms. Bunting,

Bornish Wind, LP is proposing to develop the Bornish Wind Energy Centre. Bornish Wind, LP is a wholly-owned subsidiary of NextEra Energy Canada, ULC (NextEra). This Project is considered to be a Class 4 Wind Facility. The Project is proposed to consist of up to 45, 1.62 MW turbines (although 48 turbine positions will be processed for permitting under the Renewable Energy Approval (REA) Process) with a total nameplate capacity of up to 72.9 MW. The Wind Energy Centre is located in south-western Ontario, in the Municipality of North Middlesex, Middlesex County, Ontario. More specifically, the Project is located south of Elginfield Road, east of Pete Sebe Road, north of Elmtree Drive and west of Fort Rose Road. The total Study Area is approximately 5,177 ha.

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NextEra Energy Canada, ULC



Thomas Bird  
Environmental Services Project Manager

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- Cultural Heritage Assessment Report
- Stage 1 and 2 Archaeological Assessment Reports



May 7, 2012

Linda Creaghe, CAO  
Municipality of North Middlesex  
229 Parkhill Main Street, PO Box 9  
Parkhill, Ontario  
N0M 2K0

**Subject: Bornish Wind Energy Centre – Public Consultation Review**

Dear Ms. Creaghe,

Bornish Wind, LP. is proposing to develop the Bornish Wind Energy Centre (the “Project”). Bornish Wind, LP. is a wholly-owned subsidiary of NextEra Energy Canada, ULC. The parent company of NextEra Energy Canada, ULC, is NextEra Energy Resources, LLC, with a current portfolio of nearly 8,500 operating wind turbines across North America. The Project is located in the Municipality of North Middlesex and will consist of 45, 1.62 MW turbines with a total nameplate capacity of 72.9 MW, through 48 turbine locations will be permitted.

NextEra is pleased to submit the enclosed DRAFT REA documents (listed on the back of this page), Shadow Flicker Report, Turbine Visualizations and Plain Language Summaries. We ask that you make them available at the municipal office for public review on May 8, 2012. This initiates the 60-day Public Review Period under Ontario Regulation 359/09.

Please also find enclosed a Notice for the upcoming Public Meeting to be held at the Ailsa Craig Community Centre on July 10, 2012.

Please do not hesitate to contact myself or Derek Dudek (Derek.Dudek@nexteraenergy.com) should you have any questions.

Yours very truly,



Thomas Bird,  
Environmental Services Project Manager

C.c. Derek Dudek, NextEra Energy Canada,

Enclosures:

One hard copy of the following DRAFT REA Reports:

- Project Description Report
- Construction Plan Report
- Design and Operations Report
- Decommissioning Plan Report
- Wind Turbine Specification Report
- Natural Heritage Assessment Report
- Water Assessment and Water Body Report
- Cultural Heritage Assessment Report
- Stage 1 and Stage 2 Archaeological Assessment Report

Two copies of the Plain Language Summaries  
Shadow Flicker Report  
Turbine Visualizations  
Public Meeting Notice

May 7, 2012

Kathy Bunting, Clerk, c/o Sabrina Langill  
Middlesex County Administration Office  
399 Ridout Street North  
London, Ontario  
N6A 2P1

**Subject: Bornish Wind Energy Centre – Public Consultation Review**

Dear Ms. Bunting,

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Yours very truly,



Thomas Bird,  
Environmental Services Project Manager

C.c. Derek Dudek, NextEra Energy Canada,

Enclosures:

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  - Construction Plan Report
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  - Decommissioning Plan Report
  - Wind Turbine Specification Report
  - Natural Heritage Assessment Report
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  - Cultural Heritage Assessment Report
  - Stage 1 and Stage 2 Archaeological Assessment Report
- Two copies of the Plain Language Summaries
- Shadow Flicker Report
- Turbine Visualizations
- Public Meeting Notice

**SCHEDULE E**  
**MUNICIPALITY OF NORTH**  
**MIDDLESEX**  
**GREEN ENERGY DEVELOPMENT SUBMISSIONS GUIDELINES**

**GENERAL INFORMATION REQUIRED WITH SUBMISSIONS**

1. Geographic location of project
2. Background information related to project (such as reports, environmental screenings, etc.)
3. Proposed project phases & associated timelines

**SUBMISSIONS FOR REVIEW BY PUBLIC WORKS:**

**Roads Information required:**

Submissions should include the following:

1. Plans indicating:
  - all proposed construction sites
  - all proposed transmission lines
  - all municipal roads which will serve as proposed access routes & delivery routes to the site (traced back to the geographic limits of the Municipality of North Middlesex)
  - all proposed new driveway or roadway entrances off of municipal roads to serve project sites complete with details, such as hydraulic design associated with sizing of pipe when crossing a municipal drain or roadside ditch
  - all proposed haul roads over private lands complete with details, such as hydraulic design associated with sizing of any structures necessary to provide access across a municipal drain
2. Information associated with delivery of materials & construction, including:
  - turning radii of all large vehicles & any proposed improvements to road cross section or intersection geometry

- hydraulic design associated with sizing of pipe when modifying intersection at a municipal drain crossing
  - hydraulic design associated with sizing of pipe when modifying intersection at a roadside ditch
  - loads associated with delivery and construction of project (total loads, axle loads, axle spacing etc.)
  - engineered evaluation of all bridges and culverts by a Professional Engineer licensed in the Province of Ontario in accordance with the Canadian Highway Bridge Design Code
  - modifications to any road signage or traffic control signage to facilitate geometry modifications
  - preliminary traffic and worker protection plans
3. Shared use agreement with Hydro One, in cases where hydro lines meet in municipal right-of-way (ROW)
  4. Approval from Transport Canada and Nav Canada in relation to any restricted zones
  5. Agreement with the Municipality for Hydro transmission or collector lines in the municipal ROW.
  6. Application for entrance permits on roadside ditches to access internal service roads to new wind/solar/green energy projects
  7. Notification if any municipal roads/intersections which need to be improved to allow for construction of the wind/solar/green energy projects (turning radius) etc. Evaluation is to be conducted at the applicant's expense.
  8. Application for moving permits for delivery of equipment (such as tower parts and erection cranes). The Half Load By-law No.28 of 2003 runs from March 1<sup>st</sup> to April 30<sup>th</sup> inclusive on the majority of municipal roads.

**Drainage Information required:**

Submissions should include the following:

1. Details on study area. Please provide as soon as possible, since the Drainage Act process can take up to a year.
2. Details concerning locations of wind turbines/solar panels/green energy components, any planned access roads and any proposed road widening
3. Contact information for proponent and contractor. The Drainage Act process is not a permit process, but rather a design, discussion/input and construction/inspection

process.

4. Review of documents to ensure compliance with the following requirements:

- proposed setbacks from municipal drains. All permanent and temporary buildings, foundations, equipment, roads, storage and staging areas, poles, and buried cable will not be constructed or placed closer than 15 metres to the top of the bank of an open drain or closer than 8 metres horizontally to a buried drain.
- installation of buried cables. If installed by open cut, power cables will be placed 1.5 metres below the designed bottom of any buried municipal drain. If directional drilling used, power cables will be placed 2.5 metres below any buried municipal drain. Power cables will be directionally drilled to 2 metres below the bottom of the drain, ensuring that there is no damage to the drain bank. No cables are to be buried within a culvert backfill or across a new or existing crossing.
- crossing of municipal drains will be designed and constructed according to the Drainage Act
- provision for surface water inlets. Any collection of surface drainage water that outlets to a municipal drain requires conduits that are correctly sized and composed of suitable materials. Consideration must be given to erosion protection of and for municipal drains.
- on-site project review to view and discuss entrances, turns and crossings, especially as they relate to municipal drains

5. Planned construction schedule with mind to foreseeing any conflict with other construction activities and determining compatibility with other time and process restrictions

## **SUBMISSIONS FOR REVIEW BY PLANNING and DEVELOPMENT SERVICES:**

### **Planning Information required:**

Submissions should include the following:

1. Studies indicating:
  - cumulative effects [i.e. impact on human health and migratory bird behaviour]
  - Electro Magnetic Interference (EMI) for project
2. Details regarding aesthetic considerations, including:
  - visual impacts of project & maintaining vistas
  - colour and finish on tower and blades

- landscaping around substation
  - cabling routed underground to the greatest extent possible
  - higher order roads avoided where possible, if overhead wiring necessary
  - synchronization of navigation lighting with other wind towers, including those associated with other projects
  - installation of navigation lighting such that local residents are sheltered to the greatest extent possible
3. All local private landing strips identified early in the process and landowners consulted. The Municipality can assist in identifying landing strip locations.
  4. Impact of wind turbine/ solar/green energy development on neighbouring vacant developable property
  5. Final copies of project-related plans, including those concerning:
    - operational management
    - construction management
    - decommissioning
    - dispute resolution/noise complaint protocol
    - avian impact assessment

### **Building Information required:**

Submissions should include the following:

1. Building permit application for each turbine/green energy component, including:
  - 911 and identifying number for each turbine/green energy component
  - soil report for each turbine/green energy component location
  - site plan, showing location of turbine/green energy components complete with dimensions
  - three sets of drawings for foundations, turbine/green energy components and accessory buildings [i.e. transfer stations] with signed Ontario structural engineer



stamp. Foundations that are atypical due to soil conditions shall be added to the specific building permit application.

- General Third Party Review Certificates signed by Ontario structural engineer of the Municipality's choosing
- building permit fees and other related fees shall be paid before construction commences.

**Note: Building permits are not required for solar panels attached to ground.**

## **SUBMISSIONS FOR REVIEW BY NORTH MIDDLESEX FIRE DEPARTMENT**

### **Information required:**

Submissions should include the following:

1. Emergency response plan including all revisions. Applicants are required to demonstrate that arrangements have been made to provide emergency protection for each turbine/solar panel/green energy component as the Municipality does not have the specialized equipment or personnel other than in the capacity to secure a safe perimeter around the site.
2. Location of each turbine/solar panel/green energy component for municipal GIS and Civic addressing purposes (provided in spreadsheet format), including:
  - number assigned to turbine/solar panel/green energy component
  - access road UTM coordinates (centre point)
  - UTM coordinates of turbine/solar panel/green energy component location
  - Lot and Concession
  - roll number of turbine/solar/green energy host property
  - roll number of access point (if different from above)
  - municipal road name of access point

## CONSULTATION WITH THE MUNICIPALITY OF NORTH MIDDLESEX

At least **90 days** before the final public meeting is held in respect of a green energy project, the person who proposed to engage in the project shall distribute the consultation form to the Clerk of the Municipality of North Middlesex.

### **Municipal Clerk's Office:**

Linda Creaghe, C.A.O. and Municipal Clerk  
Telephone: 519-294-6244  
Email: [lindac@northmiddlesex.on.ca](mailto:lindac@northmiddlesex.on.ca)

## CONTACT INFORMATION FOR MUNICIPAL DEPARTMENTS

### **Public Works:**

Brad Davies, Roads Supervisor,  
Telephone: 519-293-3344  
Email: [bradd@northmiddlesex.on.ca](mailto:bradd@northmiddlesex.on.ca)

Glen Bullock, Water Supervisor and Drainage Inspector,  
Telephone: 519-294-0011  
Email: [glenb@northmiddlesex.on.ca](mailto:glenb@northmiddlesex.on.ca)

### **Planning and Development Services:**

Vic Stellingwerff, CBO  
Telephone: 519-294-6244  
Email: [vics@northmiddlesex.on.ca](mailto:vics@northmiddlesex.on.ca)

Barbara Rosser, planning consultant  
Telephone: 519-293-3210  
Email: [brusser@execulink.com](mailto:brusser@execulink.com)

### **North Middlesex Fire Department:**

Ron Whitmore, Fire Chief  
Email: [FireChief@northmiddlesex.on.ca](mailto:FireChief@northmiddlesex.on.ca)

## CONTACT INFORMATION FOR LOCAL UTILITIES

### **Bell Aliant:**

Richard Penney  
Telephone: 519-245-4714  
Email: [Richard.penny@bell.ca](mailto:Richard.penny@bell.ca)

### **Hydro One:**

Mark Walters  
Telephone: 519-245-1825  
Email: [mark.walters@hydroone.com](mailto:mark.walters@hydroone.com)

### **Execulink Cable:**

Doug Beauprie  
Telephone: 519-296-5700  
Email: [doug.beauprie@execulink.com](mailto:doug.beauprie@execulink.com)

### **Union Gas Limited:**

Reg Thompson  
Telephone: 519-495-7630  
Email: [rthompson@uniongas.com](mailto:rthompson@uniongas.com)

Other:

### **Ministry of Labour:**

Jeff Vansteensel  
Telephone: 519-646-3251  
Email: [jeff.vansteensel@ontario.ca](mailto:jeff.vansteensel@ontario.ca)

### **County of Middlesex:**

Warren Knight  
Telephone: 519-294-0176  
Email: [wknight@middlesex.ca](mailto:wknight@middlesex.ca)

# Minutes

<b>To/Attention</b>	Attendees / File	<b>Date</b>	September 6, 2011
<b>From</b>	Derek Dudek	<b>Project</b>	Bornish / Adelaide / Jericho
		<b>Steno</b>	dd
<b>Subject</b>	Project Introduction and Updates - Various WEC's Middlesex County Administration Offices Sept 1, 2011, 1pm		
<b>Present</b>	Durk Vanderwerff, Chris Traini (Middlesex County) Ben Greenhouse, Adam Camp, Derek Dudek (NextEra)		
<b>Distribution</b>	Middlesex County File		

## Item Discussed

## Action By

- |   |                  |
|---|------------------|
| 1. NextEra provided background on status and changes of each project since public meetings up to current time including description of possible use of County ROW's for overhead transmission lines.  | none             |
| 2. County noted several items to be considered by NextEra as it relates to proposed road use, including: <ul style="list-style-type: none"> <li>• Shared pole use preferred;</li> <li>• Nairn Road is a narrow ROW in many spots (66') and includes existing u/g utilities (Union Gas, Tribute)</li> <li>• Kerwood Road has fewer size limitations (30 – 36 m wide)</li> </ul>  | NextEra          |
| 3. County indicated there were currently no capital planning projects for any of the roads within project areas for the next 5 years, but that there may be some resurfacing scheduled on Nairn and Kerwood Road as part of the new capital program which is currently underway. County will forward new plan when it is approved later in the fall 2011.   | County           |
| 4. County noted the required permits and agreements for the projects would include driveway entrance permits (standard or security may be required); moving permits for use of delivery/construction vehicles on county ROW's (require engineer's reports on infrastructure); and a Road Use Agreement for permanent infrastructure (or signatory where joint use is proposed); any u/g infrastructure would require separate RUA | NextEra / County |

- |  |         |
|--|---------|
| 5. County provided information sources for background planning including Lake Huron Water Supply System mapping (GIS infrastructure layer); County's Woodlands Conservation By-law (tree removal)  | NextEra |
| 6. County opined that the proposed Ausable crossings for the Jericho gen-tie route should not be constrained from an infrastructure standpoint; would not support tie-ins to any bridgeworks due to impacts of weathering created by tie-in points | NextEra |
| 7. County suggested a Council delegation just prior to next PIC's; prefaced by a letter provided at any time moving forward  | NextEra |



# Minutes

<b>To/Attention</b>	Attendees / File	<b>Date</b>	February 14, 2012
<b>From</b>	Derek Dudek	<b>Project</b>	Bornish / Adelaide / Jericho
		<b>Steno</b>	dd
<b>Subject</b>	Project Updates - Various WEC's Middlesex County Administration Offices Feb 8, 2012 - 2pm		
<b>Present</b>	Chris Traini (Middlesex County) Adam Camp, Derek Dudek (NextEra)		
<b>Distribution</b>	Middlesex County File		

## Item Discussed

## Action By

- |  |         |
|--|---------|
| 1. County expressed concerns about the importance of renewable energy developers negotiating shared use of poles where necessary, as multiple sets of poles on ROW's would not be supported.                   | NextEra |
| 2. If a meeting is conducted with HONI to discuss matters outlined in 1. above; County would like to be invited at HONI's discretion; alternatively County would offer to mediate any such meetings that occur | NextEra |
| 3. County indicated entrance permits were standard with approx. 24 hr. turnaround time; can apply any time in advance of construction – permits available on website   | NextEra |
| 4. Moving permits (vehicles on County ROW's) can be applied for as they are needed; deposit can be made in advance to draw funds from for timely approvals – permits available on website                      | NextEra |



September 22, 2011

c/o Linda Creaghe  
Chief Administrative Officer  
Municipality of North Middlesex  
229 Parkhill Main Street, P.O. Box 9  
PARKHILL, ON. N0M 2K0

Dear Mayor and Members of Council:

The purpose of this letter is to provide you with an update on NextEra Energy Canada's (NextEra Energy) wind energy projects in the Municipality which have been in the planning stages at the local municipal levels for upwards of four years. We recently met with municipal staff to discuss the projects and are providing Council with an update at this time and offering to appear as a delegation to Council at their discretion. This letter is an update on our project planning status for NextEra Energy's following projects:

- Bornish Wind Energy Centre (73.5MW) – North Middlesex;
- Adelaide Wind Energy Centre (60MW) – wind energy centre located in Adelaide-Metcalf, but overhead transmission line and point of interconnection to Ontario transmission grid in North Middlesex;
- Jericho Wind Energy Centre – (150MW) – project located within Lambton County, but overhead transmission line and point of interconnection located in North Middlesex.

Most recently, the Ontario Power Authority announced on July 4<sup>th</sup>, 2011 that FIT contracts would be offered to each of the three projects listed above. These projects have subsequently accepted and executed these contracts. These contracts do not constitute approval of the projects, but rather provides certainty that the projects will be able to sell electricity to the Provincial grid. Based on this certainty, we will immediately increase our activity in the community with respect to both environmental work and stakeholder consultation.

Other significant activities undertaken (or underway) this summer include some of the various environmental activities required in accordance with O. Reg 359/09 and field studies such as:

- Records review completed by the Ministry of Natural Resources (MNR) – The MNR provided records of any significant habitat previously identified to be within project boundaries.
- Vegetation mapping – Ecological land classification of the project lands has been completed which requires the mapping of vegetative communities present throughout the project areas. This mapping includes, but is not limited to woodlands, wetlands, agricultural areas and meadows
- Bat Surveys – The assessment of woodlands within the project areas for suitable bat habitat has been completed. Where appropriate, through the night monitoring was conducted for 10 nights throughout the month of June 2011, as well as 10 minute point count surveys to identify any bat activity. This data is currently being analyzed to determine significance of the habitats.
- Breeding Bird Surveys – Point count surveys of the project areas were conducted throughout the months of June and July. This data is currently being evaluated to determine the presence of those species that are of conservation concern.
- Aquatic Assessment (ongoing) – desktop mapping of known water bodies has been conducted, aquatic surveys will be completed throughout fall 2011.



- Reptile surveys (ongoing) – An identification of reptile habitats is being conducted, a minimum of 4-10 minute visual searches will be completed throughout September 2011 of all habitats identified within the project areas.

NextEra Energy Canada's parent company NextEra Energy Resources is a long-term owner/operator of energy facilities with assets in 26 states and 3 provinces. Our wind energy portfolio is one of the largest in North America, with nearly 8300MW of production and over 21% of the US market share. In addition, we are the largest generator of solar energy in the US, and largest producer of hydroelectricity in the state of Maine. Our strong financial backing and commitment to sustainability and environmental leadership is well documented as illustrated on our website [www.nexteraenergy.com](http://www.nexteraenergy.com).

Please let us know if Council would like us to appear as a delegation to provide any further updates or expand upon any of the information in this letter. Alternatively, if Council is interested, we would like to offer to conduct a workshop on the development process outside of public Council chambers as per Section 239(3.1) of the Municipal Act. In the interim, if staff or Council wish to learn more about any of our project activities in Ontario, they can visit our website at [www.canadianwindproposals.com](http://www.canadianwindproposals.com).

We look forward to working with North Middlesex as these exciting projects progress. If you have any questions or concerns, please don't hesitate to contact Ben Greenhouse as indicated below, or Derek Dudek at 519.318.0237.

Sincerely,

**NextEra Energy Canada, ULC**



**BY:** Ben Greenhouse  
Director, Wind Development

cc: Nancy O'Blenes, Garrad Hassan  
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