

Appendix D

Municipal Consultation

- Appendix D1. Municipal Consultation Forms
- Appendix D2. Municipal Consultation Period
- Appendix D3. Public Review Period
- Appendix D4. Additional Municipal Comments

**Appendix D1. Municipal
Consultation
Forms**

Ministry of the Environment

PART A: TO BE COMPLETED BY THE APPLICANT BEFORE SUBMITTING TO MUNICIPALITY OR LOCAL AUTHORITY

Section 1 Project Description

1.1 Renewable Energy Project
Project Name <i>(Project identifier to be used as a reference in correspondence)</i> Bluewater Wind Energy Centre

Project Location					
Same as Applicant Physical Address? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If no, please provide site address information below)					
Civic Address- Street information <i>(includes street number, name, type and direction)</i>					Unit Identifier <i>(i.e. apartment number)</i>
Multiple Properties - see attached Project Description Report					
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 unorganized 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		
Location Information <i>(includes any additional information to clarify physical location)(e.g. municipality, ward/ township)</i> Bluewater and Huron East Township, Huron County, Ontario					
Geo Reference <i>(e.g. southwest corner of property)</i>					
Map Datum	Zone	Accuracy Estimate	Geo Referencing Method	UTM Easting	UTM Northing
NAD83	17		GIS	419795.01	4809229.58

Project Phasing <i>(outline construction, operation and decommissioning activities)</i>
Construction Phase: May 2013 Operation Phase: October 2013 Decommissioning Phase: Estimated at 2043

1.2 Environmental Content
Describe any negative environmental effects that may result from engaging in the project <i>(consider construction, operation and decommissioning activities.)</i> No significant residual effects are anticipated as a result of the Project. Note that potential effects, mitigation measures and residual effects are outlined in the various REA submission reports, listed below in Section 2.1 and submitted with this form.
Propose early avoidance/prevention/mitigation concepts and measures. A full description of mitigation measures and monitoring commitments are provided in the various REA submission reports, listed below in Section 2.1 and submitted with this form.

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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)
60 MW	60 MW		2,400 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.
 Although NextEra is seeking a Renewable Energy Approval for 41 wind turbines, up to a total of 37 are proposed to be constructed resulting in a total project nameplate capacity of 60 MW. The turbines will be located on leased farmlands. The turbines are 3-bladed, upwind, horizontal-axis wind turbines that are state of the art technology. 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. All wind turbines will be located in Bluewater Township with the 115 kV transmission line extending into Huron East Township.

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 14, 2012
DRAFT Design and Operations Report	Draft Design and Operations Report	February 14, 2012
DRAFT Construction Plan Report	Draft Construction Plan Report	February 14, 2012
DRAFT Decommissioning Plan Report	Draft Decommissioning Plan Report	February 14, 2012
List of other Documents	Draft Water Assessment and Water Body Report	February 14, 2012
	Draft Wind Turbine Specification Report	February 14, 2012
	Cultural Heritage Assessment Report	February 14, 2012
	Stage 2 Archaeological Assessment Report	February 14, 2012
	Natural Heritage Assessment Report	February 14, 2012

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

3.1 - Applicant Information (Owner of project/facility)				
Applicant Name (legal name of individual or organization as evidenced by legal documents) Varna Wind Inc, a wholly owned subsidiary of NextEra Energy Canada, ULC			Business Identification Number 813544608 NP0001	
Business Name (the name under which the entity is operating or trading - also referred to as trade name)			<input checked="" type="checkbox"/> same as Applicant Name	
Civic Address- Street information (includes street number, name, type and direction) 5500 North Service Road			Unit Identifier (i.e. apartment number) 205	
Survey Address (Not required if Street Information is provided)				
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 TO BE COMPLETED 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 Consultation Requirement

<input type="checkbox"/> 1 - Project Location
Provide comment on the project location with respect to infrastructure and servicing.
<input type="checkbox"/> 2 - Project Roads
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

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.

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

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.

**Appendix D2. Municipal
Consultation
Period**

Dear [Name],

On behalf of [Company Name],
I am writing to you regarding [Project Name].

Re: Bluewater Wind Energy Project – Municipal Consultation

Dear [Name],

As a [Role] of [Company Name], I am writing to you regarding the [Project Name] project. The project is a [Project Description] and is located in [Location]. The project is currently in the [Project Status] stage and we are seeking your input on the [Project Details].

The project is a [Project Description] and is located in [Location]. The project is currently in the [Project Status] stage and we are seeking your input on the [Project Details].

Thank you for your time.

Sincerely,
[Name]



[Name]
[Title]

[Address]

[Phone Number]

[Email Address]

- [Item 1]
- [Item 2]
- [Item 3]
- [Item 4]
- [Item 5]
- [Item 6]
- [Item 7]
- [Item 8]



Dear Council Members:

On behalf of the Board of Directors of NextEra Energy Canada, I am pleased to provide you with this information regarding the proposed Bluewater Wind Energy Project in the Municipality of the County of Simcoe.

Re: Bluewater Wind Energy Project – Municipal Consultation

Dear Council Members:

The attached documents provide you with information regarding the proposed Bluewater Wind Energy Project in the Municipality of the County of Simcoe. The documents include a copy of the Project Description, a copy of the Environmental Assessment Report, a copy of the Project Description, and a copy of the Project Description.

The attached documents provide you with information regarding the proposed Bluewater Wind Energy Project in the Municipality of the County of Simcoe. The documents include a copy of the Project Description, a copy of the Environmental Assessment Report, a copy of the Project Description, and a copy of the Project Description.

Thank you for your attention to this matter.

NextEra Energy Canada



NextEra Energy Canada
Project Description and Project Description

Project Description and Project Description

Thank you

For more information regarding the proposed Bluewater Wind Energy Project in the Municipality of the County of Simcoe, please contact:

- Project Description and Project Description
- Project Description and Project Description
- Project Description and Project Description
- Project Description and Project Description
- Project Description and Project Description
- Project Description and Project Description
- Project Description and Project Description
- Project Description and Project Description
- Project Description and Project Description
- Project Description and Project Description

Dear Mr. [Name]

Thank you for your letter of [Date]
 regarding the [Project Name]
 and the [Municipality Name].

Re: Bluewater Wind Energy Project – Municipal Consultation

Dear Mr. [Name]

Thank you for your letter of [Date] regarding the Bluewater Wind Energy Project. We appreciate your interest in the project and the information you have provided. The project is a [Project Description] and is currently in the [Project Status]. We are committed to working with you and the community to ensure the project is developed in a responsible and transparent manner.

We have reviewed your concerns and will address them as part of our ongoing consultation process. We will provide you with a detailed response to your letter by [Date]. We encourage you to continue to provide feedback as we move forward with the project.

Sincerely,

[Name]



[Name]
 Project Manager

[Address]

[Phone]

[Email]
 For more information, please contact [Contact Info]

- Project Description
- Project Status
- Project Location
- Project Schedule
- Project Impact
- Project Benefits
- Project Risks
- Project Mitigation
- Project Contact

Appendix D3. Public Review Period

April 10, 2012

Brad Knight
Municipality of Huron East
72 Main Street, Box 610
Seaforth, Ontario
N0K 1W0

Subject: Bluewater Wind Energy Centre – Public Consultation Review

Dear Mr. Knight,

Varna Wind Inc., a wholly owned subsidiary of NextEra Energy Canada, ULC (NextEra) is proposing to construct a wind energy project in the Municipalities of Bluewater and Huron East in Huron County, Ontario. The Project will be referred to as the Bluewater Wind Energy Centre and will be located on private lands east of Highway 21 in the vicinity of the shoreline of Lake Huron. With a total nameplate capacity of 60 MW, the Project is categorized as a Class 4 facility. Although NextEra is seeking a Renewable Energy Approval (REA) for 41 wind turbines, up to a total of 37 are proposed to be constructed for the Project.

NextEra is pleased to submit the enclosed DRAFT REA documents (listed below), Shadow Flicker Report, Turbine Visualizations and Plain Language Summaries. We ask that you make them available at the municipal office for public review on April 13, 2012. This initiates the 60-day Public Review Period under Ontario Regulation 359/09.

Note that the Natural Heritage Assessment Report (NHA), the Cultural Heritage Assessment Report and the Stage 2 Archaeological Assessment Reports have been updated based on comments received from the Ministry of Natural Resources (MNR) and the Ministry of Tourism, Culture and Sport (MTCS), as such, we have provided you with an additional copy of each (excluding the appendices for the NHA as they did not change) to replace the previous versions sent to you on February 15, 2012. We are also enclosing sign-off letters for these reports from the MNR and MTCS in addition to the recently-completed Shadow Flicker Report and Turbine Visualizations for your reference.

Please also find enclosed a Notice for the upcoming Public Meetings to take place at the Seaforth Community Centre on June 13, 2012 and the Stanley Complex on June 14, 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

April 10, 2012

Stephen McAuley
Municipality of Bluewater
14 Mill Avenue, Box 250
Zurich, Ontario
N0M 2T0

Subject: Bluewater Wind Energy Centre – Public Consultation Review

Dear Mr. McAuley,

Varna Wind Inc., a wholly owned subsidiary of NextEra Energy Canada, ULC (NextEra) is proposing to construct a wind energy project in the Municipalities of Bluewater and Huron East in Huron County, Ontario. The Project will be referred to as the Bluewater Wind Energy Centre and will be located on private lands east of Highway 21 in the vicinity of the shoreline of Lake Huron. With a total nameplate capacity of 60 MW, the Project is categorized as a Class 4 facility. Although NextEra is seeking a Renewable Energy Approval (REA) for 41 wind turbines, up to a total of 37 are proposed to be constructed for the Project.

NextEra is pleased to submit the enclosed DRAFT REA documents (listed below), Shadow Flicker Report, Turbine Visualizations and Plain Language Summaries. We ask that you make them available at the municipal office for public review on April 13, 2012. This initiates the 60-day Public Review Period under Ontario Regulation 359/09.

As per your request, we are also providing you with an additional set of the DRAFT REA documents for internal review.

Note that the Natural Heritage Assessment Report (NHA), the Cultural Heritage Assessment Report and the Stage 2 Archaeological Assessment Reports have been updated based on comments received from the Ministry of Natural Resources (MNR) and the Ministry of Tourism, Culture and Sport (MTCS), as such, we have provided you with an additional copy of each (excluding the appendices for the NHA as they did not change) to replace the previous versions sent to you on February 15, 2012. We are also enclosing sign-off letters for these reports from the MNR and MTCS in addition to the recently-completed Shadow Flicker Report and Turbine Visualizations for your reference.

Please also find enclosed a Notice for the upcoming Public Meetings to take place at the Seaforth Community Centre on June 13, 2012 and the Stanley Complex on June 14, 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

Appendix D4. Additional Municipal Comments



September 26, 2008

Mayor and Members of Council
Lori Wolfe, CAO/Clerk
Municipality of Bluewater
14 Mill Street
ZURICH, ON. N0M 2T0

Dear Mayor, Members of Council, and Ms. Wolfe:

***Proposed Zoning By-law Regulations for Commercial Wind Energy Facilities
Hay and Stanley Zoning By-laws***

The purpose of this letter is to address the proposed regulations that Council agreed to pursue through Zoning By-law amendments to By-law 22-1985 of the former Township of Stanley and By-law 10-1987 of the former Township of Hay at the Planning Committee meeting of September 8, 2008. Based on the outcome of the Planning Committee meeting, it is our understanding that Council is pursuing the following setbacks through the proposed Zoning By-law amendments:

- **1.2 times the height including the rotor blades from a front or exterior lot line.** We have no objection to this proposed setback where a turbine abuts a County or Provincial highway. We request a setback of **blade length ± 1 metres** where a turbine abuts a local road. This different setback accounts for the lower levels of human activity on local roads.
- **2 times the rotor blade length from an interior or rear lot line except that this could be reduced where the abutting land owner agrees the agreement would need to be registered on title.** We support this regulation as worded.
- **100 metres from a designated settlement area boundary recreational zone or community facilities zone.** We have no objection to this setback for settlements that are identified in the Official Plan for fully serviced growth. However, where a settlement area is designated for residential infilling, within existing boundaries (ie. Blake), a setback of 600 metres should be approved recognizing limited growth opportunities.
- **100 metres from an institutional zone cemetery or landfill.** We have no objection to this regulation for a sensitive institutional zone. The occasional use of a cemetery or landfill site

does not support a setback greater than 400 metres. We object to including cemeteries and landfill sites.

- **No commercial scale wind energy facilities west of Highway 21.** We have no objection to this regulation.
- **2000 metre setback from Highway 21.** We object to this regulation. There is no precedent for such a large setback anywhere along Highway 21 in Lambton, Huron, or Bruce County municipalities. There are numerous locations along the east side of Highway 21 that are characterized by large agricultural fields which are well suited for the placement of wind turbines. Where the presence of human activity (in the form of settlement areas, recreational zones or community facility zones) is identified, a setback of 400 - 1000 metres would effectively buffer possible impacts. Where such activities do not exist along the **east side of Highway 21**, **1.2 times turbine height is recommended from Provincial Highways.**
- **400 metre setback from dwellings on separate lots and small vacant lots.** We object to this regulation as our recommended distance is 400 metres to dwellings and 400 metres from small lots that are 4 ha or less in area.
- **2000 metre setback from the ends of airstrips and 400 metres from the sides of airstrips.** We object to these regulations as Generic setbacks for all airstrips. As noted, in our correspondence with the planner on this matter, setbacks from unregistered airstrips vary according to the individual operation and should be considered on a site-specific basis through site plan control.

We will be attending and participating in the next public meeting and would request notice of the public meeting date and any future decisions of Council for the Zoning Bylaw Amendments. Alternatively, if Council wishes to meet with us as a delegation, we would be happy to make further presentations to Council and planning staff.

If you have any questions with respect to this information please contact the undersigned at your convenience.

Yours truly,

William Pol



William Pol, MPA, MCIP, RPP
Associate

cc: Craig Metzger, Huron County
Keith Waters, Canadian Green Power
Nicole Geneau, FPLE Canadian Wind, ULC



IBI Group
203 – 350 Oxford Street West
London ON N6H 1T3 Canada
tel 519 472 7328
fax 519 472 9354

Minutes

To/Attention Notes to File **Date** February 22, 2011
From Derek Dudek **Project No** 15633-16
Steno dd

Subject Meeting Summary - Bluewater & Goshen Wind Energy Centres
Municipality of Bluewater Municipal Offices
Feb 16, 2011 - 3:30pm

Present Mayor Bill Dowson, Lori Wolfe, Tim Masse, Arlene Parker (Bluewater)
Craig Metzger (Huron County)
Nicole Geneau, Neil Jones (NextEra)
Vince Deschamps (AECOM)
Derek Dudek (IBI Group)

Distribution Municipality of Bluewater
Client

Item Discussed

Action By

- | | |
|--|--------------------|
| 1. NextEra gave brief introduction and company background. | None |
| 2. Inquiries surrounding expected FIT contract timing. Confirmed that it isn't known but likely within next few months. Clarified that FIT contract is only for 60MW, but trying to permit 90MW to allow flexibility. Notify Bluewater when known. | NextEra |
| 3. Described archaeological field work as next major environmental component being undertaken | None |
| 4. Bluewater questions re: ownership of transmission lines on municipal ROW. NextEra confirmed it was likely to be built by NextEra, owned and operated by Hydro One | None |
| 5. Bluewater identified Goshen Line road works were in budget for 2011 or 2012. | NextEra to monitor |
| 6. NextEra confirmed that there would be a better idea of exact transmission route in March / April and will advise accordingly. | NextEra |
| 7. Bluewater expressed interest in renewable project (solar) @ Varna recreation centre. NextEra would advise suitable developers to contact | NextEra |

J:\15633-Next-Era\2.2 Corres - External\Bluewater\PTN\bluewater2011-02-16.docx\2012-06-19\DD



Minutes

To/Attention	Attendees / File	Date	August 24, 2011
From	Derek Dudek	Project	Bluewater
		Steno	dd
Subject	Meeting Summary / Next Steps - Bluewater Wind Energy Centre Municipal Office, Seaforth July 19, 2011 - 2pm		
Present	Brad Knight, Barry Mills (Huron East) Nicole Geneau, Derek Dudek (NextEra)		
Distribution	Huron East File		

Item Discussed	Action By
1. NextEra provided background on company and projects, as well as update on July 4, 2011 OPA FIT contracts announcement (see ppt slideshow)	none
2. HE would like a visual plan of the proposed pole system;	NextEra
3. HE would like a summary of the decommissioning costs/responsibilities framework associated with current NextEra turbines being decommissioned in California	NextEra
4. HE would like confirmation re: why the 115kv line could not be buried from a technical standpoint;	NextEra
5. HE suggested that a letter to Council re: project/company background and next steps would suffice with offer to appear as delegation at a future date at their discretion	NextEra



September 16, 2011

Mayor and Members of Council
Municipality of Huron East
72 Main Street South, PO Box 610
SEAFORTH, ON. N0K 1W0

Dear Mayor MacLellan and Members of Council:

The purpose of this letter is to provide you with an update on NextEra Energy Canada's proposed Bluewater Wind Energy Centre project. While the majority of project infrastructure, including all proposed wind turbines is located in the Municipality of Bluewater, some infrastructure including the overhead transmission line, and ultimate connection point inside the existing Hydro One Networks Inc. facility in Seaforth (Seaforth TS) are proposed within Huron East.

NextEra Energy 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 parent company website www.nexteraenergy.com.

With respect to a project status update, the most recent development involved the announcement by the Ontario Power Authority on July 4, 2011 that FIT contracts would be offered for various renewable energy projects in the Bruce to Milton transmission area. NextEra's Bluewater WEC project was offered and has accepted one such contract. This contract does not constitute approval of the project, but rather provides certainty to generators to sell electricity into the Provincial power supply system. Based on this certainty, we expect to be more active in the community with respect to both background work and stakeholder consultation over the near term.

Currently, our intention is to utilize Centennial Road and Hensall Road for consideration as a transmission line route, with a proposed point of interconnection with Hydro One Network's 115kv transmission station at the Seaforth substation location near Hensall Road and Highway 8. We are currently working to provide staff with more information as it becomes available related to issues with placing infrastructure in these road rights-of-way. We had a productive first meeting with staff on August 8th, 2011 and have committed to provide more a more detailed plan as soon as it is available. We commit to being your first and best source of information regarding this project.



We hope that this information is of use and would offer to appear as a delegation to provide more detailed, or any further updates as we progress with project planning should Council so desire. In the interim, if staff or Council wish to learn more about the Bluewater Wind Energy Centre, or any of our other planned projects in Ontario, they can visit our website at www.canadianwindproposals.com.

Thank you,

A handwritten signature in black ink that reads "N. Geneau".

Nicole Geneau
Project Manager

cc: Julia Cushing, AECOM



Minutes

To/Attention Attendees / File
From Derek Dudek
Date July 21, 2011
Project Bluewater & Goshen
Steno dd

Subject Meeting Summary / Next Steps - Bluewater & Goshen Wind Energy Centres
 County Office, Goderich
 July 19, 2011 - 2pm

Present Scott Tousaw, Dave Laurie (Huron County)
 Nicole Geneau, Derek Dudek (NextEra)

Distribution Huron County
 File

Item Discussed	Action By
1. NextEra provided background on company and projects, as well as update on July 4, 2011 OPA FIT contracts announcement (see ppt slideshow)	none
2. County suggested scheduling next meeting with staff once turbine layout and road / collection system is available	NextEra
3. NextEra Energy to determine course of action with Council	NextEra

From: Nina Reynolds [<mailto:nreynolds@huroncounty.ca>]
Sent: Tuesday, October 11, 2011 9:27 AM
Subject: LFN Committee Report

LFN Committee,

Further to the meeting of October 3, 2011, please find attached the meeting summary and revised LFN Report.

If you have any suggested corrections to the Report (highlighted areas), please let us know within 1 week. Please note we can't make substantial changes to the report without convening another LFN Committee meeting, as this was the wording generally agreed to at the meeting.

The report will be presented to the County Committee of the Whole on November 9, 2011 at the Health and Library Complex auditorium (1 km south of Clinton on Hwy 4). The meeting starts at 9:00 a.m.

Thank you for your participation on this committee to date, and we will keep you posted on next steps. ST.

Scott Tousaw, Director
Huron County Planning and Development Department
57 Napier St., Goderich ON N7A 1W2

Phone 519-524-8394 ext.3 / Fax 519-524-5677
stousaw@huroncounty.ca

Hello Ms. Wilson,

Please find attached a letter which we wish to have included on the agenda for the Huron County Council meeting of November 9, 2011. The letter is in regards to the County's Low Frequency Noise Committee report which is scheduled for the same meeting.

Thank you, and please don't hesitate to contact me if you have any questions.

Derek Dudek | Community Relations Consultant

Nextera Energy Canada, ULC

5500 North Service Road, Burlington, ON L7L 6W6

o:905.335.4904 x18 f:905.335.5731

mobile - 519.318.0237

derek.dudek@nexteraenergy.com



October 19, 2011

Warden and Members of Council
Corporation of the County of Huron
1 Courthouse Square
GODERICH, ON N7A 1M2

Dear Warden Vincent and Members of Council:

NextEra Energy Canada has been actively attending the County's Low Frequency Noise (LFN) Committee meetings based on the interests we have within Huron County relating to two of our proposed renewable energy projects. These projects include:

- Bluewater Wind Energy Centre – 60 MW facility with up to 37 turbines located in the Municipality of Bluewater, and a proposed transmission line which extends into the Municipality of Huron East; and
- Goshen Wind Energy Centre – 102 MW facility with up to 63 turbines located within both the Municipality of Bluewater and Municipality of South Huron.

It is our understanding that the LFN Committee has been charged with reviewing potential sources of low frequency noise within Huron County, which may include, but is not limited to wind turbines; and making recommendations for further action to ultimately be determined by County Council. NextEra Energy Resources takes concerns related to human health and safety seriously and retained Epsilon Associates, Inc. in 2009 to investigate the impacts of wind turbine generated low frequency sound on the human environment.

"A Study of Low Frequency Noise and Infrasound from Wind Turbines" by Epsilon Associates includes actual field studies undertaken at our Horse Hollow Wind Farm in 2008. This study was provided to the LFN Committee as part of their literature review.

While the LFN Committee made it clear at the initial meeting that they did not wish to receive any assistance from wind energy developers for reasons of bias, it is our opinion that this report offers no bias, whereby *"Epsilon determined all means, methods, and the testing protocol without interference or direction from NextEra. No limitations were placed on Epsilon by NextEra with respect to the testing protocol or upon the analysis methods."* (pg 7-1).

The conclusions of this report note specifically that the turbines tested in the field studies (Siemens SWT2.93-93 and GE1.5sle) meet all American and UK standards at a distance of 305 metres (1000ft), and more specifically:

- Have no audible infrasound to the most sensitive listeners; and
- Might have slightly audible low frequency noise at frequencies at 50 Hz and above depending on other sources of low frequency noise in homes, such as refrigerators.

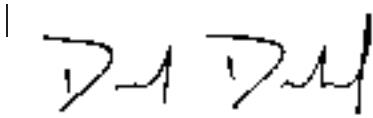
This study was peer reviewed and published in the March-April 2011 [Noise Control Engineering Journal](#), the technical publication of the Institute of Noise Control Engineering of the USA. As such, we would argue that low frequency noise specifically from wind turbines, has been adequately considered by the Province through Ontario Regulation 359/09, by ensuring that setbacks from sensitive land uses is a minimum of 550 metres.

NextEra Energy Canada, ULC

5500 North Service Road, Suite 205 | Burlington, Ontario L7L 6W6 | 905 335 4904

We hope that this information is of use to County Council in determining a course of action for the LFN Committee and would offer to appear as a delegation to provide more detailed information on this or any other matters related to our Bluewater and Goshen Wind Energy Centre projects. A link to the full Epsilon Associates report can also be found on our website at www.canadianwindproposals.com.

Thank you,

A handwritten signature in black ink, appearing to read 'D-Dudek', with a vertical line to its left.

Derek Dudek
Community Relations

cc: Julia Cushing, AECOM

Mirabelli, Maria

From: Cushing, Julia
Sent: Wednesday, November 16, 2011 2:57 PM
To: Owen, Jennifer
Subject: FW: Updated PDR's and MCF's

From: Dudek, Derek [<mailto:Derek.Dudek@nexteraenergy.com>]
Sent: Wednesday, October 26, 2011 10:54 AM
To: Lori Wolfe; Michael Di Lullo; Brad Knight; bwilson@huroncounty.ca
Cc: Scott Tousaw; Dave Laurie
Subject: Updated PDR's and MCF's

Hello Lori, Michael, Brad, and Barb,

This email is just to provide you with a heads up that updated information with respect to our Goshen Wind Energy Centre and Bluewater Wind Energy Centre projects is being couriered to your offices today, to each of your individual attention.

The material consists of the updated Project Description Reports (PDR) and Municipal Consultation Forms (MCF). The PDR's provide high level information on the projects, while the MCF's are intended to form the basis for municipal comments to the Ministry of the Environment.

We are not currently seeking comments on matters identified in the MCF's, but rather are providing them, as required, to turn attention to matters which are of interest to the Province, but where municipal input would be required.

Both the Municipality of Bluewater (contains Bluewater and Goshen projectst) and Huron County (upper-tier jurisdiction over entire County) will be receiving copies for each project. South Huron will only receive the material associated with the Goshen WEC project and Huron East will only receive the material associated with the Bluewater WEC project.

Please do not hesitate to contact me if you have any questions.

Derek Dudek | Community Relations Consultant
Nextera Energy Canada, ULC
5500 North Service Road, Burlington, ON L7L 6W6
o:905.335.4904 x18 f:905.335.5731
mobile - 519.318.0237
derek.dudek@nexteraenergy.com

Introduction
NextEra Energy Canada

Nicole Geneau Development
Dere Duddy Community Relations

Noember

Cautionary Statements And Factors That May Affect Future Results

Any statements made herein about future operating and/or financial results and/or other future events are forward-looking statements under the Safe Harbor Provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements may include, for example, statements regarding anticipated future financial and operating performance and results, including estimates for growth. Actual results may differ materially from such forward-looking statements. A discussion of factors that could cause actual results or events to vary is contained in our Securities and Exchange Commission (SEC) filings.

NextEra Energy is a premier power company comprised of three strong businesses



- \$10.5 B market capitalization
- \$10.5 B in operation
- \$10.5 B in total assets



FPL

- One of the largest electric utilities in the U.S.
- Vertically integrated retail rate regulated
- \$10.5 B customer accounts
- \$10.5 B in operation
- Successful wholesale generator
- \$1.5 B leader in renewable generation
- Assets in the U.S. and Canada
- \$10.5 B in operation
- Regulated utility in Texas
- Approximately \$1.5 B transmission line expected to be brought into service in 2010



A diversified and financially strong company

1) Market capitalization as of August 24, 2011; source: FactSet

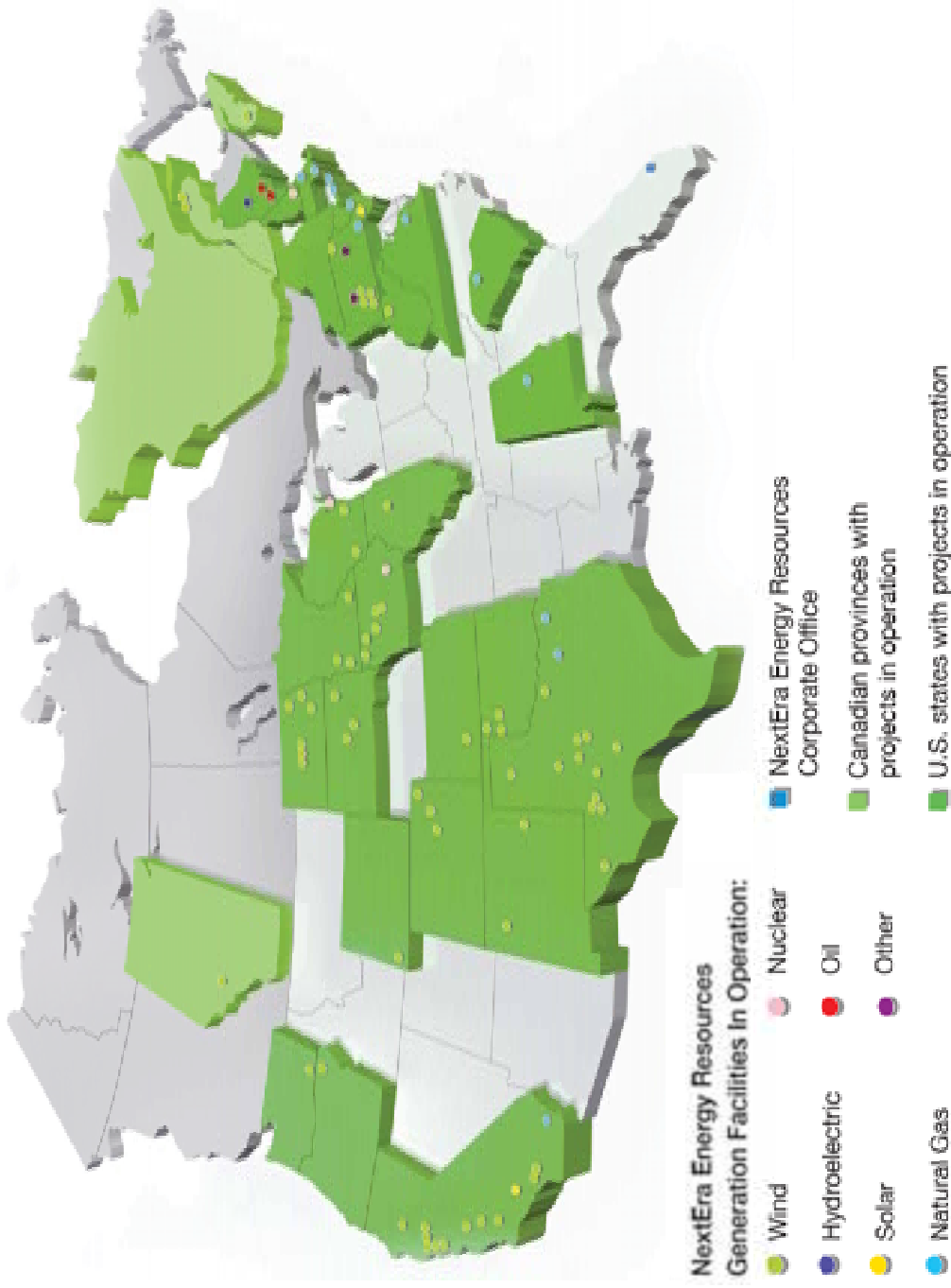
Note: All other data as of December 31, 2010; includes NextEra Energy Resources' natural gas-fired generating assets totaling 2,152 MW which are under contract for sale



NextEra Energy Resources as located across states and provinces in Canada

NextEra Energy Resources Portfolio

- **Successful wholesale generator**
- **US leader in renewable generation**
- **1st largest wind energy owner in Canada**
- **Physical assets in states and Canada**
- **in operation**
- **billion in operation revenues**
- **billion in total assets**



1) All data as of December 31, 2010; operating revenues for the 12 months ended December 31, 2010; includes NextEra Energy Resources' natural gas-fired generating assets totaling 2,152 MW which are under contract for sale

NextEra Energy Resources owns and operates the largest energy fleet from the wind and sun in North America

Renewable Generation Portfolio



Wind

- No wind owner in North America
- Largest net ownership including Canada
- More than 50% share of US market
- More than 100% of projects in the Ontario Feed-in Tariff program

Solar

- Largest in operation or in construction
- NextEra Energy Resources and FP
- NextEra Energy Resources operates the largest solar plant in the world
- Pipeline of more than 100% of new solar projects in North America

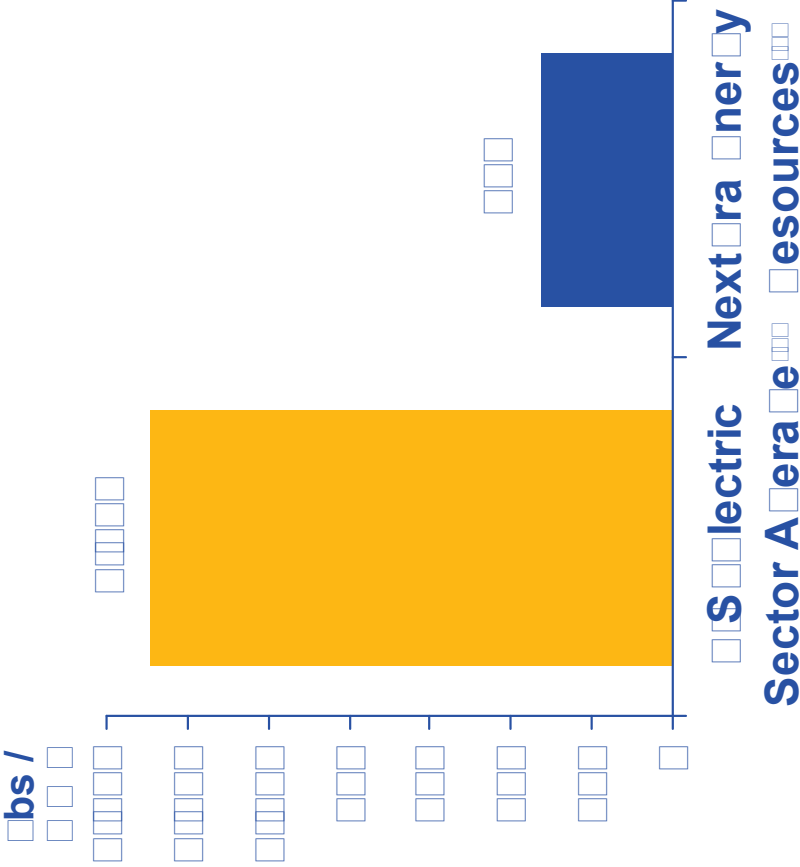
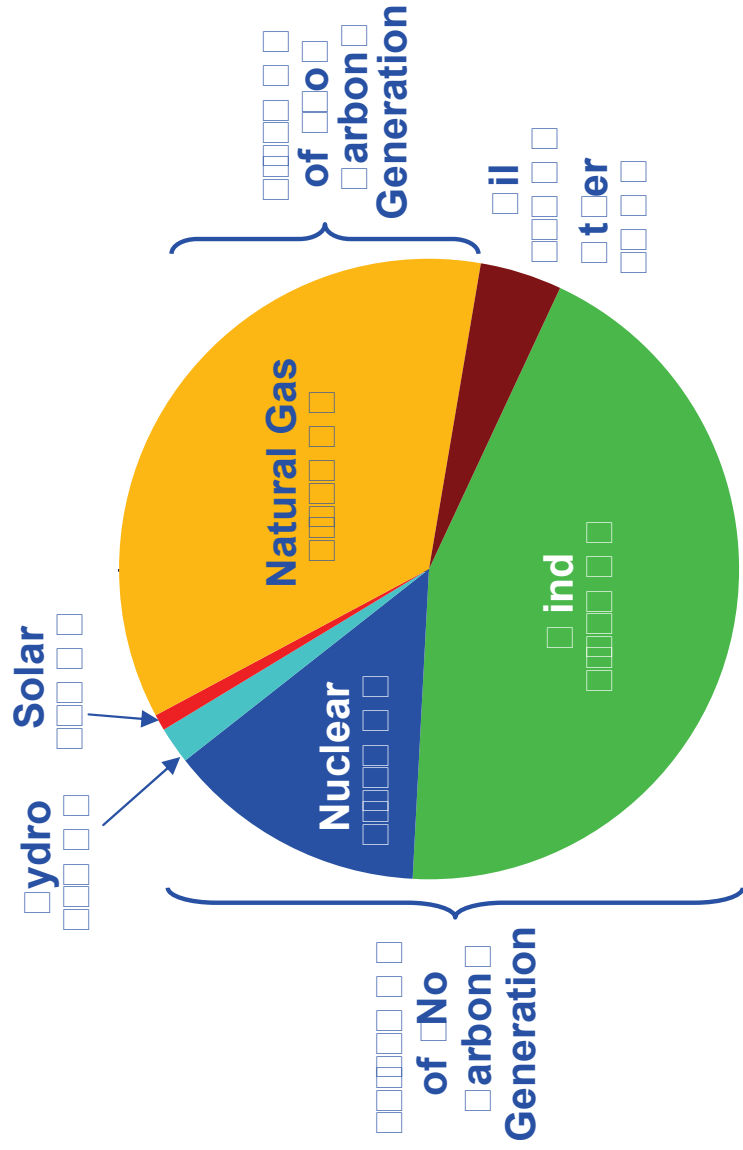
Hydroelectric

- Largest net ownership
- Largest producer of hydroelectricity in Canada
- 100 units at 100 projects in Canada
- 100% electricity to power 100% homes



NextEra Energy Resources portfolio consists of primarily low carbon generation capacity

NextEra Energy Resources Portfolio by Fuel Type



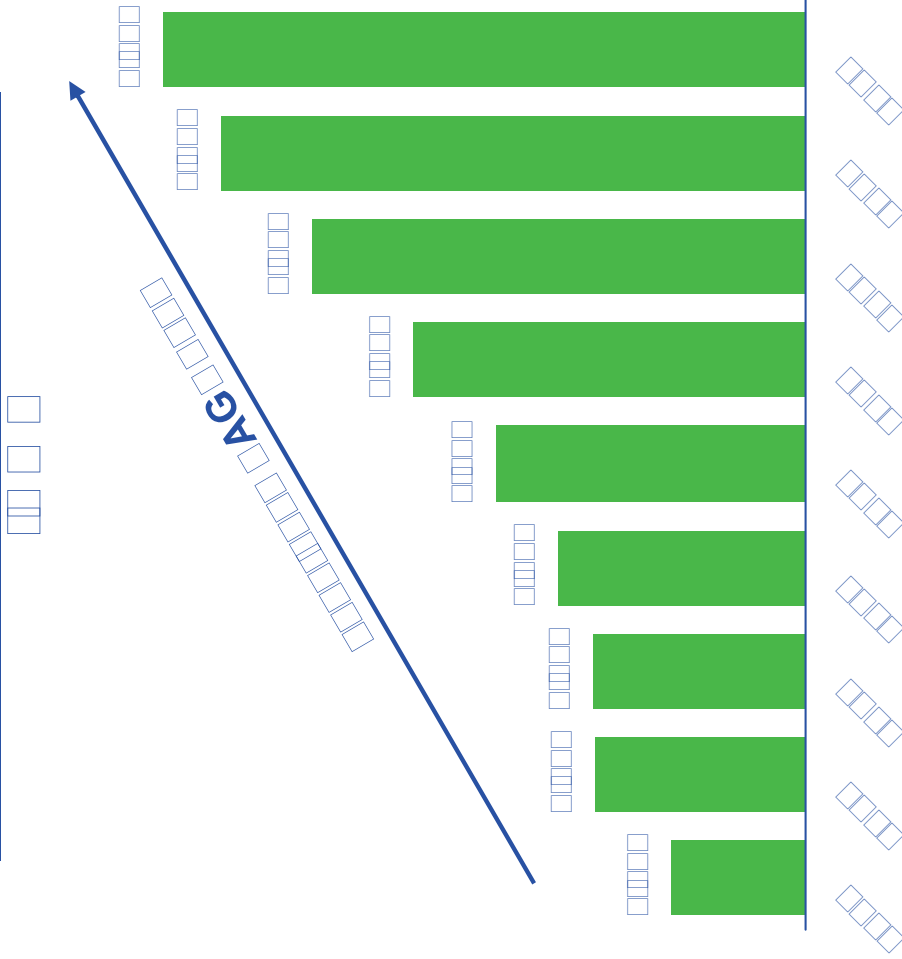
It is one of the lowest carbon generation assets NextEra Energy Resources has one of the lowest carbon emission rates of any generator

- 1) As of December 31, 2010; includes NextEra Energy Resources' natural gas-fired generating assets totaling 2,152 MW which are under contract for sale
- 2) Source: U.S. Department of Energy
- 3) This data reflects generation characteristics of NextEra Energy Resources' electric generating units; however, the environmental attributes of such generation have been or likely will be sold or transferred to third parties, who are solely entitled to all renewable energy credits, emissions reductions, offsets, and allowances for any purpose, including compliance with any environmental programs

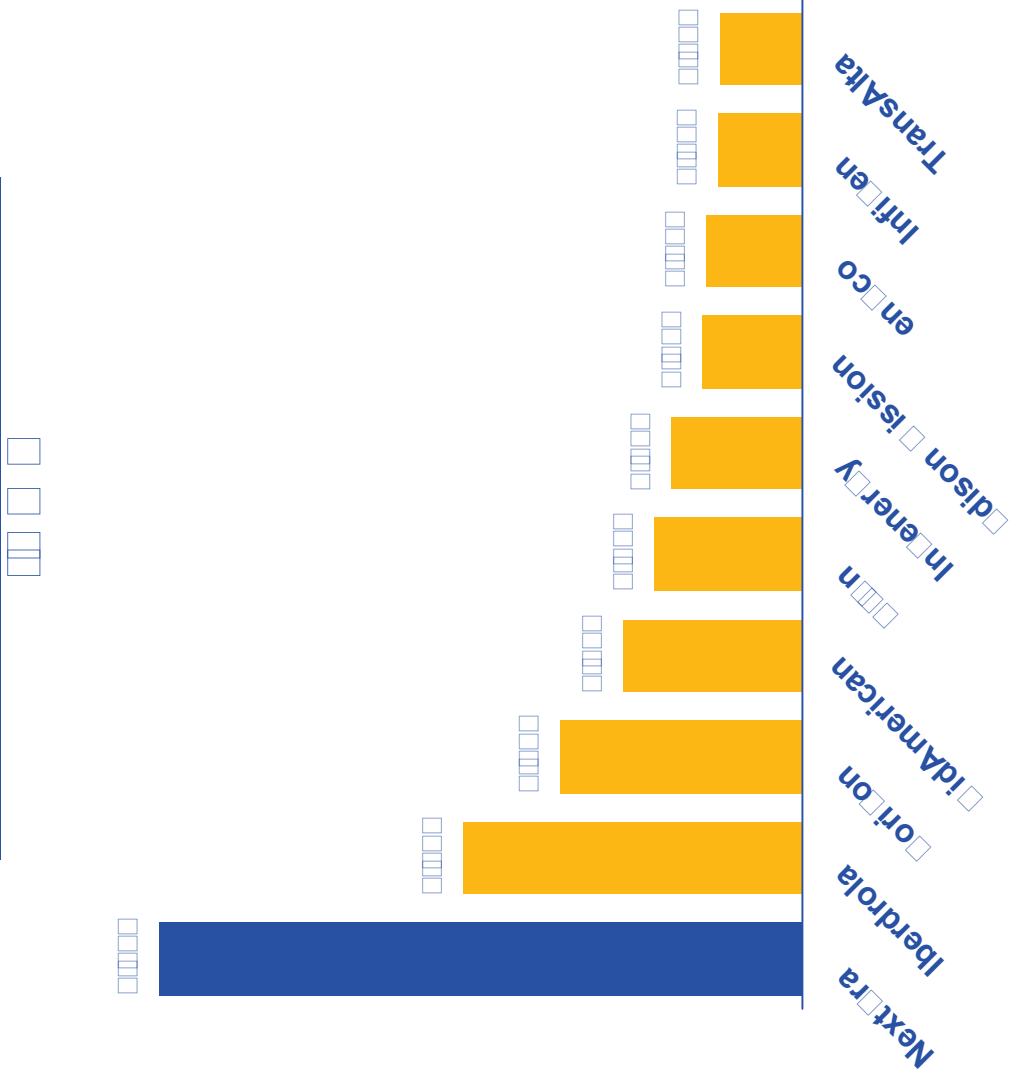


NextEra Energy resources is by far the largest owner of wind assets in North America and it has almost twice as much capacity as the next competitor

**NextEra Energy Resources
Cumulative Wind Growth**



**Top North American Wind
Developers / Owners**



1) Source: IHS Emerging Energy Research as of December 31, 2010



Currently, NextEra Energy resources as four wind projects across Canada and eight wind projects in the United States and a new solar project that is under development in Ontario.

NextEra Energy Resources Canadian Projects



● Wind
● Solar



Nexterra Energy Canada believes in clean energy's contribution to our environment

Nexterra Energy Inc Demonstrates Environmental Leadership



Pioneer Partner
World Wildlife
Fund's
PowerSwitch!
Program



Dow Jones
Sustainability Indexes



Charter partner and 1st utility



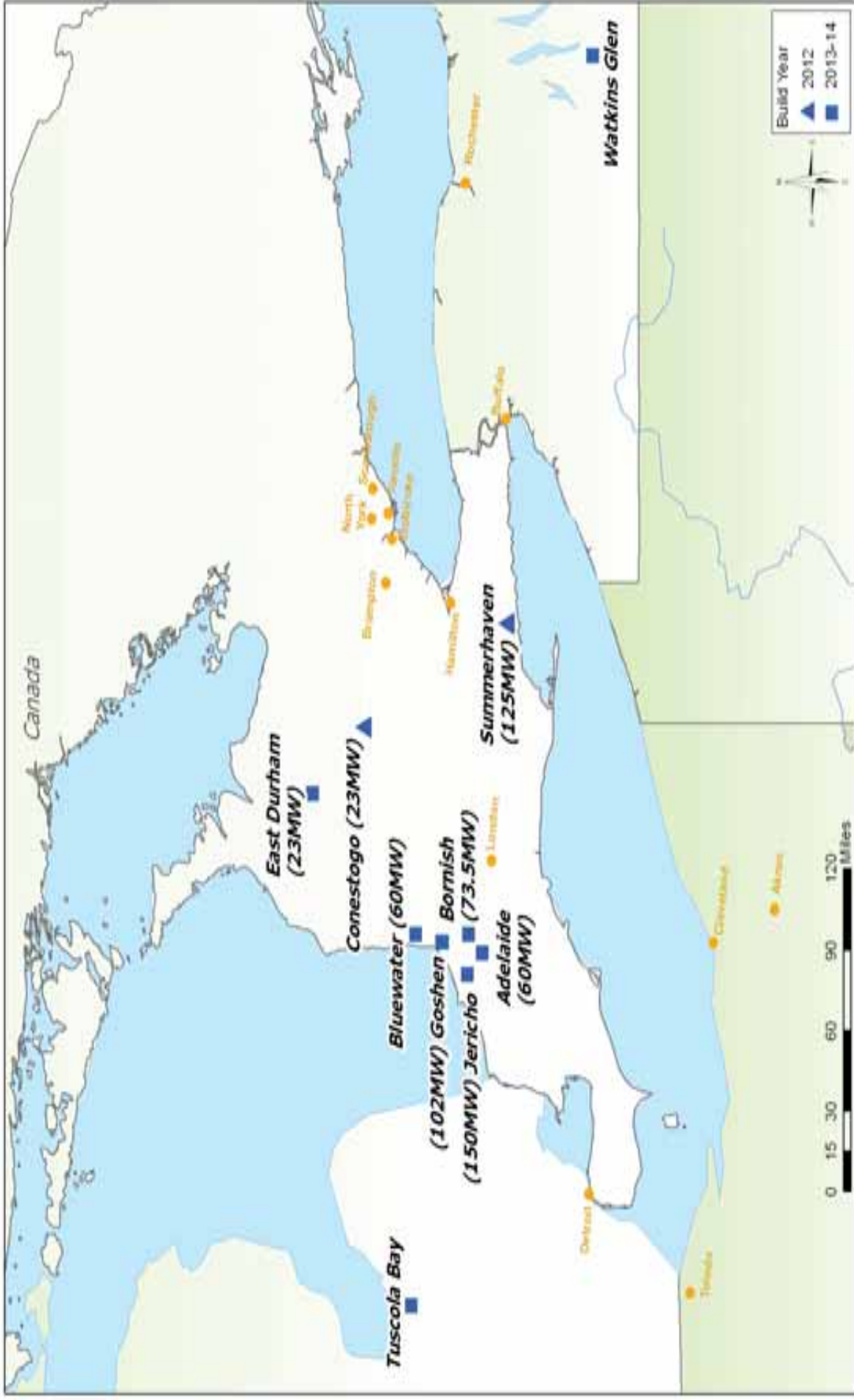
NextEra Energy Canada is focused on future development in Canada...

NextEra Energy Canada's experience across Canada

- Development in Canada started in 2009
- Office in Burlington Ontario established in 2010
- Four operating wind facilities in Canada
 - Mount Copper, 54 MW in Murdochville, Quebec
 - Mount Miller, 54 MW in Murdochville, Quebec
 - Pubnico Point 31 MW in Yarmouth, Nova Scotia
 - Ghost Pine 82 MW, Trochu, Alberta
- Two Ontario projects in review/approvals stage:
 - Summerhaven 125 MW and Conestogo 23 MW
- Six projects (469 MW) awarded FIT contracts in Ontario
- Strong development pipeline in New Brunswick, Nova Scotia, Quebec, British Columbia and Ontario



NextEra has a pipeline of projects across Southwestern Ontario, some in partnership with Canadian Green Power



Bluewater Wind Energy Centre (WEC) to be connected to grid in Huron East at existing Seaforth Transmission Station

Project Overview

Bluewater WEC

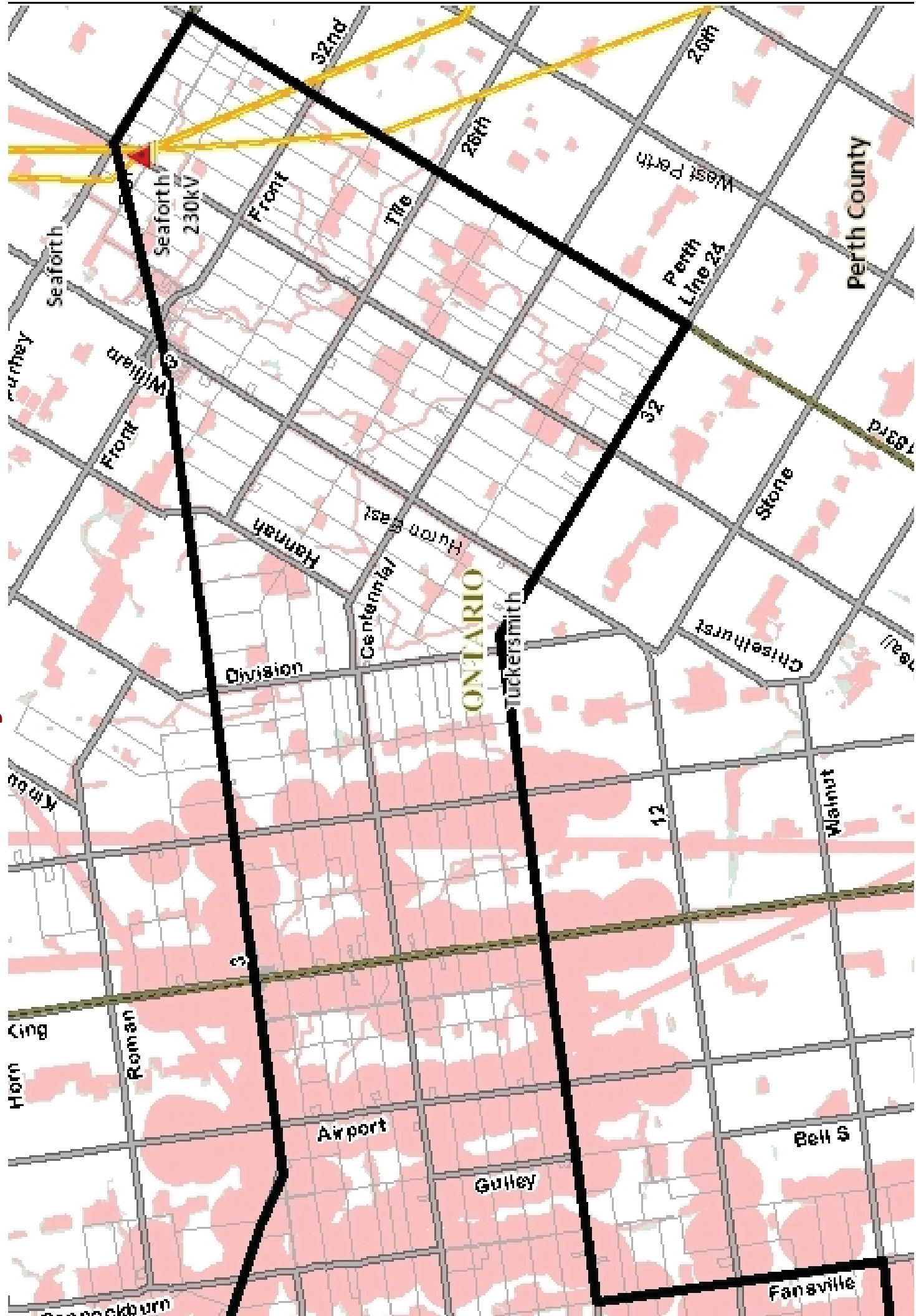
- **6 MW FIT Contract**
- **4 to 5 turbines**
 - GE 1.6 MW or Siemens 2.3 MW turbines
 - Tower Height: 80m; Blade length: 50 – 51.5m
- **Domestic Content 100%**
- **Completed substantial seasonal environmental fieldwork**
 - amphibian studies,
 - seasonal avian surveys
 - bat monitoring
- **Ongoing archaeology assessment and ecological land classification**

What is the approval process now under the Green Energy and Green Economy Act

Renewable Energy Approvals Permitting

- **EE is the main permit needed before construction can start** – it is given by the Ministry of Environment
- **Critical work to do in Spring, Summer and Fall**
 - biological studies in wooded areas, wetlands and streams
 - archaeological surveys to identify sites
- **Submit reports to provincial agencies** Ministry of Natural Resources, Ministry of Tourism and Culture
- **Agencies approve reports in Winter**
- **Submit EE to Ministry of Environment Spring** (up to 6 months for approval)

Bluewater transmission study area



Next Steps...

Proposed Project Timeline

Task/Milestone	Timeline
FIT Contract Award	July 4, 2011
Biological Fieldwork	April – November 2011
Archaeology Fieldwork	April – November 2011
Draft Turbine Layout	Fall 2011
Additional Consultation Activities	Ongoing (Fall/Winter 2011)
Draft Renewable Energy Approval Release	Winter 2011
Submission of Final REA	Spring 2012
Receive REA	Fall 2012
Begin Construction	Spring 2013
Commercial Operation	Fall 2013

December, Public Open House Meeting, Seaforth and District Community Centre



NextEra Energy Canada is well positioned to deliver economic development opportunities for communities in Southwestern Ontario...

What NextEra Energy Canada Offers

- **Deliver long-term energy generation solutions that are cost effective, environmentally responsible and stimulate economic activity**
- **Financial strength to stand behind our plan**
- **Execution track record □ core competency**
- **Operational experience to ensure reliability**
- **Supply chain relationships and scale**
- **Economic development**

Thank you

NextEra Energy Canada, ☐☐C
www☐canadianwindproposals☐com
bluewater☐wind☐nexteraenergy☐com
(9☐☐☐) ☐☐☐☐49☐4





Introduction NextEra Energy Canada, ☐☐C

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November 9, ☐☐☐☐

Cautionary Statements and Risk Factors That May Affect Future Results

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- \$10.5 B market capitalization
- 4,000 MW in operation
- \$10 B in total assets



FPL

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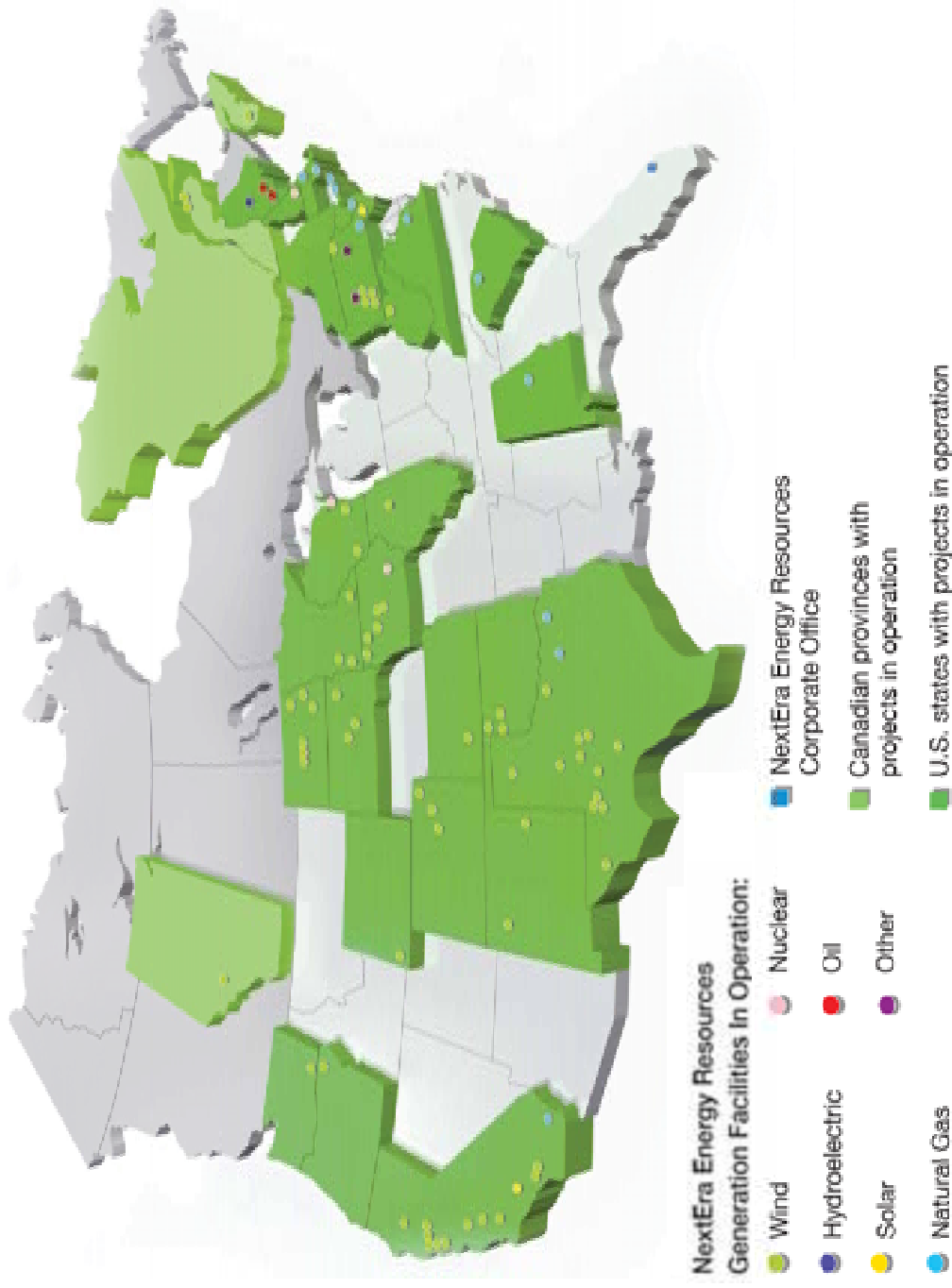
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NextEra Energy Resources has 11,666 MW located across 6 states and 10 provinces in Canada

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- **Successful wholesale generator**
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- **1st largest wind energy owner in Canada**
- **Physical assets in 6 states and Canada**
- **11,666 MW in operation**
- **4.6 billion in operating revenues**
- **4.4 billion in total assets**



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NextEra Energy resources owns and operates the largest energy fleet from the wind and sun in North America...

Renewable Generation Portfolio



Wind

- No.1 wind owner in North America
- 10,000 MW net ownership, including Canada
- More than 10% share of U.S. market
- More than 6,000 MW of projects in the Ontario Feed-in Tariff program



Solar

- 4,000 MW in operation or in construction (1,000 MW NextEra Energy resources and 3,000 MW F00)
- NextEra Energy resources operates the largest solar plant in the world
- Pipeline of more than 1,000 MW of new solar projects in North America



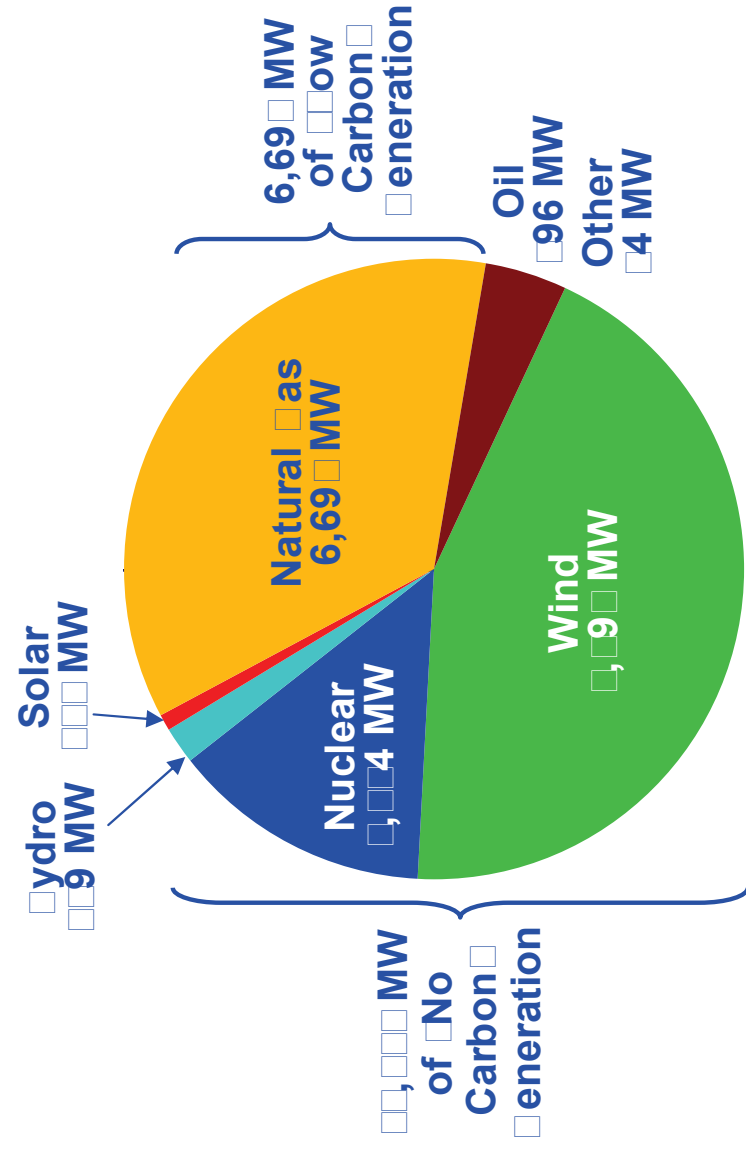
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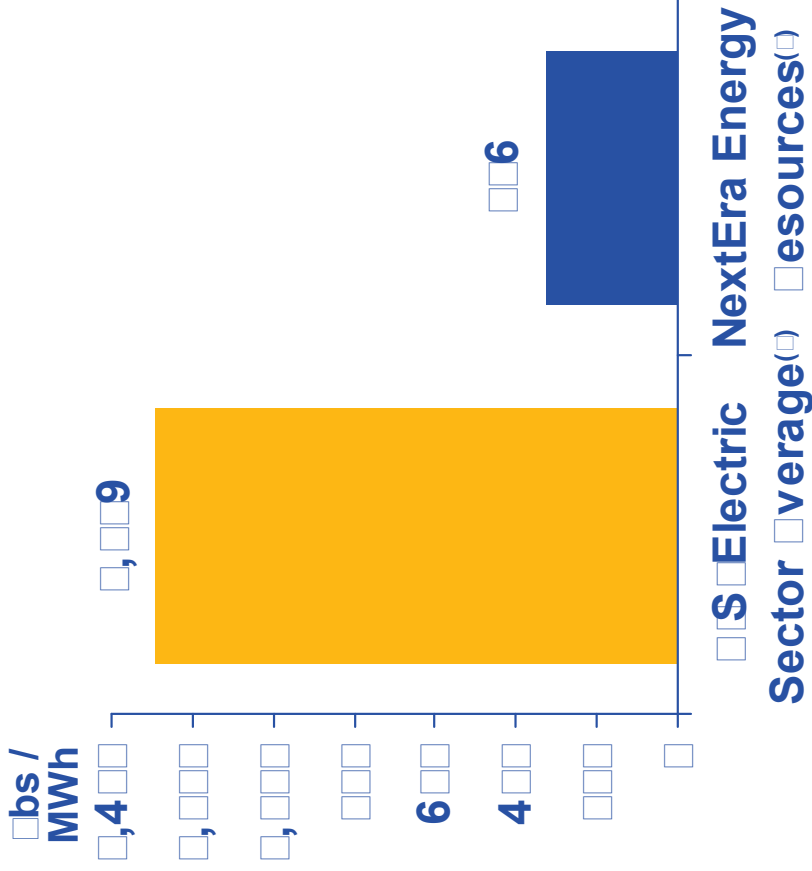


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CO₂ Emission Rate



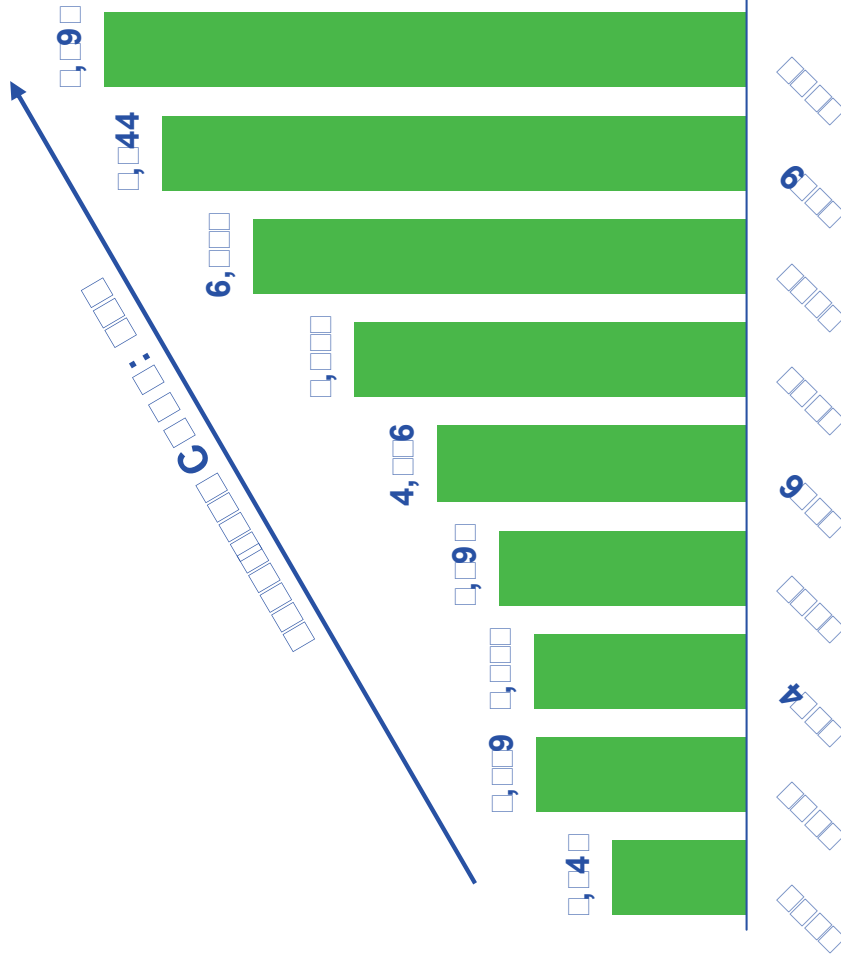
With 96% of no carbon to low carbon generation assets, NextEra Energy resources has one of the lowest carbon emission rates of any generator

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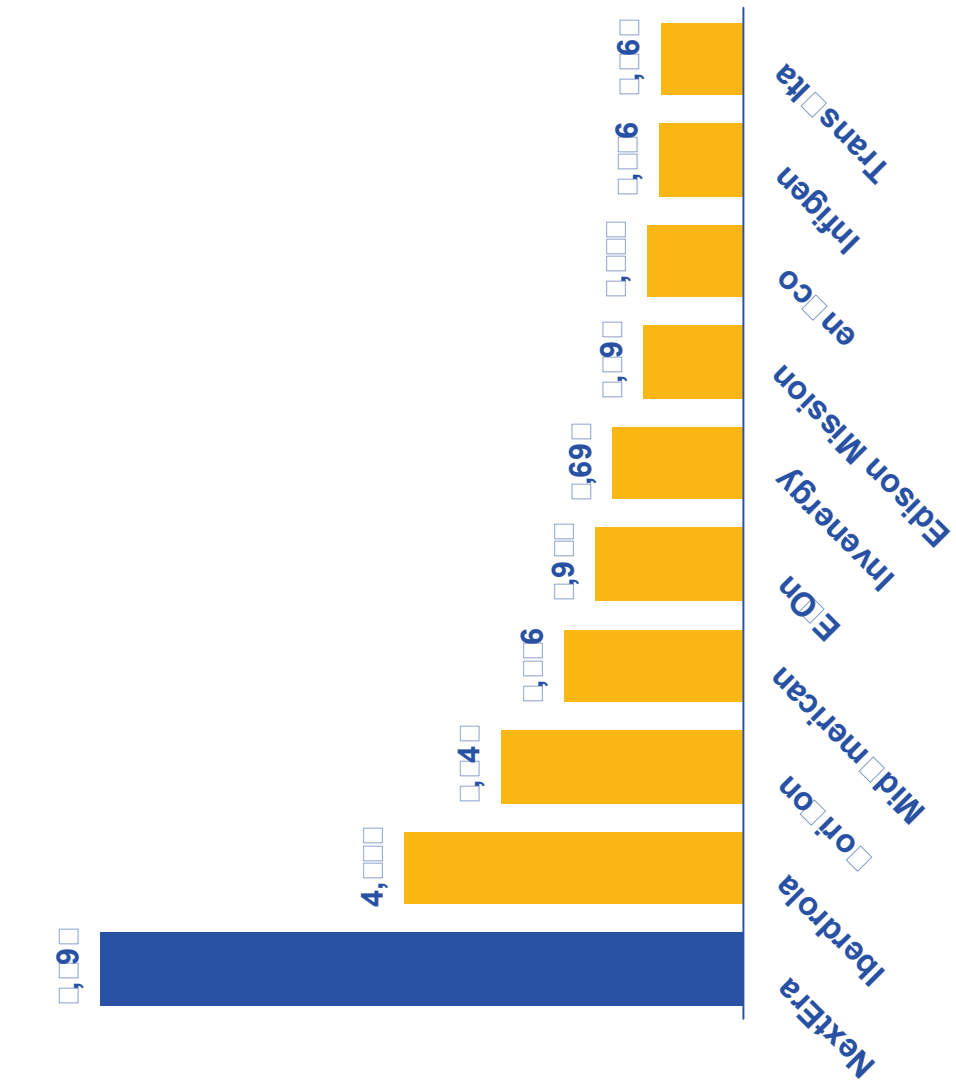


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NextEra Energy resources
Cumulative Wind Growth
(MW)



Top North American Wind
Developers / Owners
(MW)



1) Source: IHS Emerging Energy Research as of December 31, 2010



Currently, NextEra Energy resources has four wind projects across Canada (666 MW) and eight new wind projects (666 MW) and a new solar project (44 MW) are under development in Ontario

NextEra Energy resources Canadian projects



● Wind
● Solar



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NextEra Energy, Inc. demonstrates Environmental Leadership



Pioneer Partner
World Wildlife
Fund's
PowerSwitch!
Program



Dow Jones
Sustainability Indexes



Charter partner and 1st utility



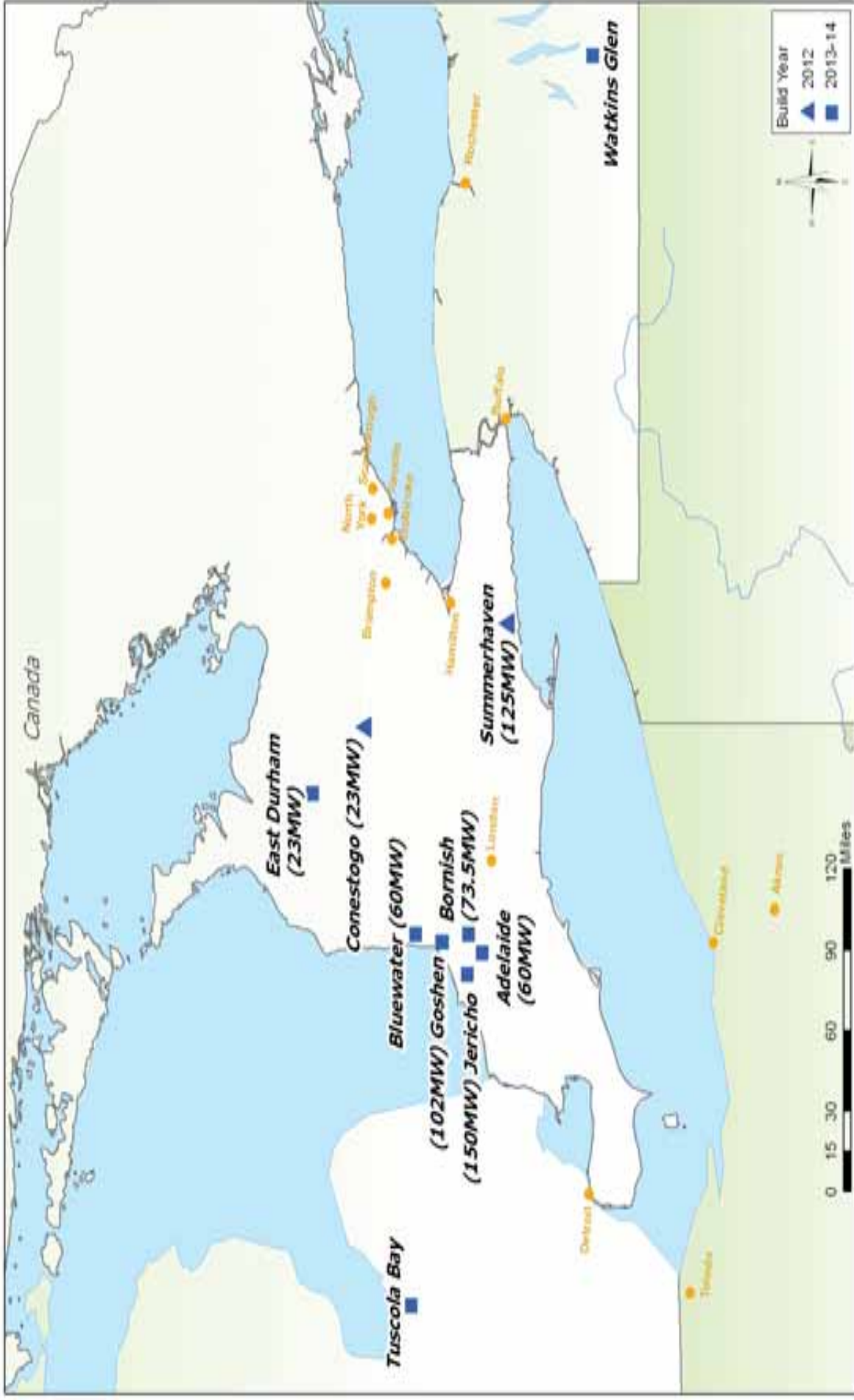
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Bluewater Wind Energy Centre (WEC) to be connected to grid in Huron East at existing Seaforth Transmission Station

Projects Overview

Bluewater WEC

- 6 MW FIT Contract
- 6 turbines (6 MW)
- Tower height: 60m Blade length: 60m

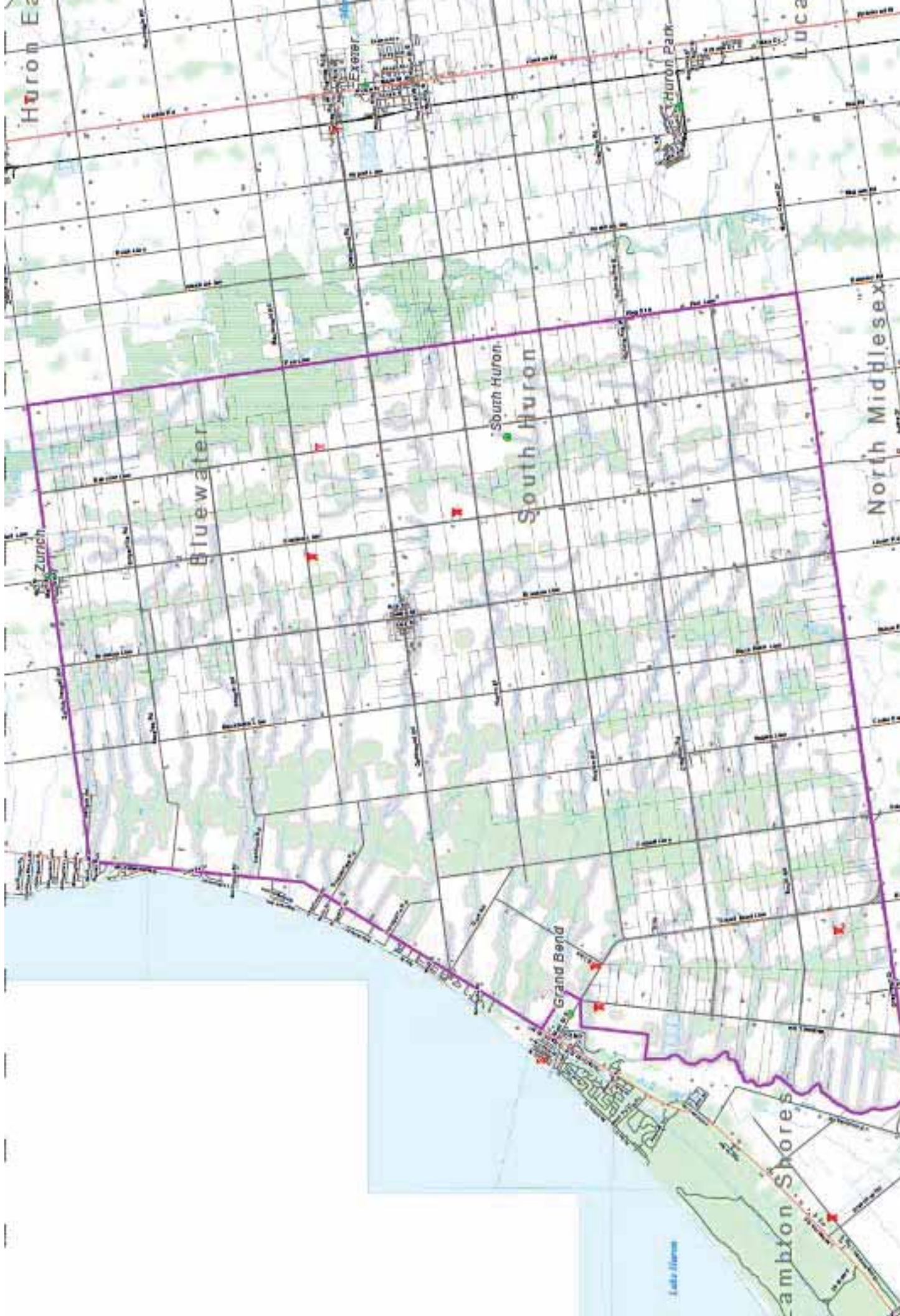
Woshen WEC

- 6 MW FIT Contract
- 6 turbines (6 MW)
- Current draft: 4 turbines in South Huron (in Bluewater)
- Each turbine requires only 6 hectares of land to be removed from agricultural production (turbine base, access road)

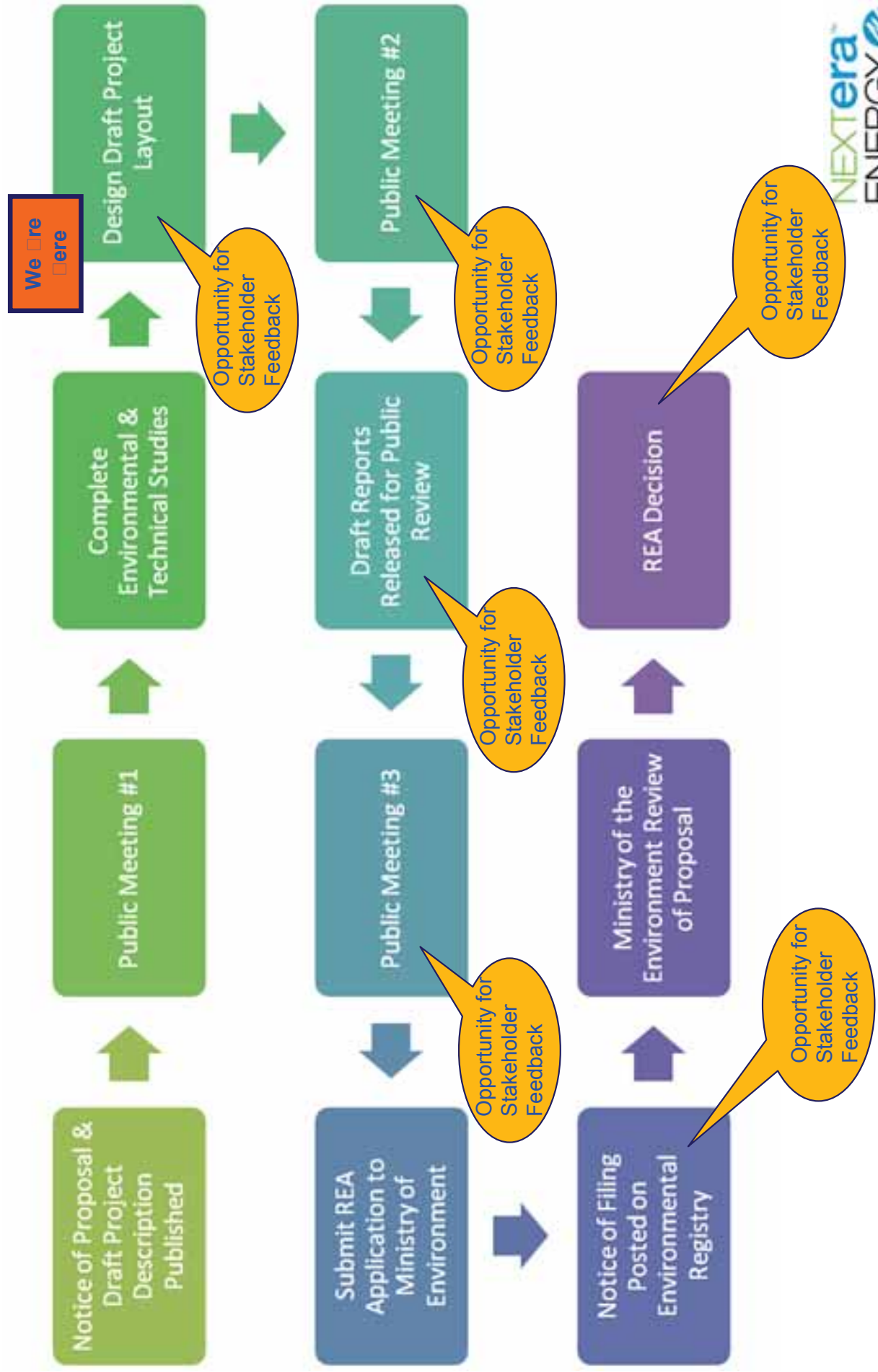
Bluewater roject rea



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Renewable Energy Approvals Process



Project Timelines

Task/Milestone	Timeline
Draft Turbine Layout	Fall 2011
Draft Renewable Energy Approval Release	Early Winter 2012
Submission of Final REA	Spring 2012
Receive REA	Early Fall 2012
Begin Construction	Spring 2013
Commercial Operation	Fall 2013

Woshen and Bluewater on track for Q3-Q4 construction date

Project Update: Site-Specific Environmental Studies

- **Breeding bird (completed May Q1-Q2 same planned Q3-Q4)**
 - Visual and audio survey of breeding bird species in early morning
- **Amphibian (completed April Q1-Q2 late June Q3-Q4 same planned Q3-Q4)**
 - Audio survey of amphibian breeding calls at night
- **Bat (June Q1-Q2 same planned Q3-Q4)**
 - Survey for bat habitat during day and bat activity at night
- **Ecological and Classification (ongoing to mid November Q3-Q4)**
 - Vegetation mapping and survey of plant species
- **Quatic (ongoing to mid-late November Q3-Q4)**
 - Visual survey of stream characteristics and fish observations
- **Stage Archaeological Assessments (ongoing to early November Q3-Q4)**
 - Pedestrian surveys to identify/collect artifacts

The projects will bring many benefits to Huron County...

Economic Impacts: Huron County Bluewater Wind Energy Centre

- Approximately 400 construction jobs
- Approximately 400 operations and management jobs
- Total Annual Taxation \$1,000,000 (County)
- Infrastructure Upgrades Roads, bridges, culverts, etc
- Proposed Community Fibre Fund
 - Funding for recreational / sustainability / community projects
 - \$3500/MW + \$5000/km Transmission Line in Public ROW
- Supply chain jobs (blades, gearbox, casings, towers, generators, driveshafts, power converters)
- Induced jobs (hospitality, construction service, security, auto/heavy machinery maintenance, etc)

NextEra Energy Canada is well positioned to deliver economic development opportunities for communities in Southwestern Ontario...

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- **Financial strength to stand behind our plan**
- **Execution track record □ core competency**
- **Operational experience to ensure reliability**
- **Supply chain relationships and scale**
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Thank you

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bluewater☐wind☐nexteraenergy☐com
goshen☐wind☐nexteraenergy☐com
(9☐☐☐) ☐☐☐☐49☐4



From: Craig Metzger [<mailto:cmetzger@huroncounty.ca>]
Sent: Thursday, November 17, 2011 11:08 AM
To: Dudek, Derek
Cc: Lori Wolfe
Subject: Re: by-law 07-2009

Hi Derek,

As requested, attached is the signed by-law. The by-law was appealed to the OMB by Northland Power and the OMB hearing has not, as yet, been held. I expect that's because the Green Energy and Green Economy Act was passed which invalidated almost the entire by-law.

Notwithstanding the by-law's status, there is an expectation that the setbacks will be complied with or at least a comparison of the project to the by-law's requirements and a rationale for any deviations will be provided.

Sincerely,
Craig

Craig Metzger
Senior Planner
Huron County Planning & Development Department
57 Napier Street
Goderich, ON N7A 1W2
519-524-8394, ext. 235 (Goderich)
519-236-4351, ext. 228 (Zurich)
519-524-5677 (fax)

Derek, Derek, Derek, Derek, [nexteraenergy.com](mailto:derek@nexteraenergy.com) on Thursday, November 17, 2011 at 11:08 AM
wrote:
Hi Lori, Craig,

Could I get a copy of Zoning By-law amendment 07-2009 which outlined setbacks for wind turbines before the Green Energy Act came into effect.

I have the attached version, but not 100% sure if it was the adopted version.

People have been asking if we will comply with these setbacks and I need to verify.

Derek Dudek | Community Relations Consultant
NextEra Energy Canada, ULC
5500 North Service Road, Burlington, ON L7L 6W6
o:905.335.4904 x18 f:905.335.5731
mobile - 519.318.0237
derek.dudek@nexteraenergy.com



December 2, 2011

Brad Knight, CAO/Clerk
Municipality of Huron East
72 Main Street South, PO Box 610
SEAFORTH, ON. N0K 1W0

Dear Mr. Knight:

The purpose of this letter is to provide answers to questions from your later dated November 28, 2011. We will also clarify some of your areas of understanding from that same letter. Your original questions and points of reference appear below in *italics* below, with our response provided in **bold**. These items are as follows:

Areas of understanding

- *A 115kv transmission line, approximately 15 km located in Huron East (Tuckersmith) providing a connection to the Seaforth transformer station.* **This is correct.**
- *Transmission line will be located on either private or public property and will be a combination of buried line, utilize existing poles or new poles.* **Partially correct, but transmission line will not be buried for financial reasons.**
- *A 0.4 hectares electrical substation will be established on private lands through a lease agreement.* **No new substation will be required in Huron East. The transmission line will be connected to the existing substation.**
- *Comments were made at the November 1, 2011 meeting to Council that 15 km of transmission lines would generate approximately \$5,000/km annually to the Municipality.* **Correct. We are proposing \$5000/km of transmission line within the public right-of-way on an annual basis. This is consistent with our approach to development in Ontario.**
- *It is my understanding that letters or offers are being circulated to property owners to provide leases for the transmission lines.* **Correct. Establishing a route in existing ROW and/or on private lands, either fully or in part, is also being considered at this time.**

Questions

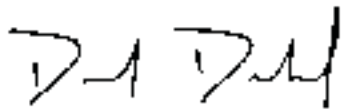
- *Has a proposed route been proposed and if so please provide the Municipality with mapping of the proposed route clearly indicating municipal right-of-ways that are involved.* **Proposed route could be anywhere within area identified in our current study area boundary mapping. Our preferred route is Hensall Road and Centennial Road.**
- *Please provide details of transmission lines that are being proposed for private property specifically:*
 - location and how the location is determined on private property.* **Not available yet. Determining the location of transmission line is a function of several factors, such as ability to place line in ROW, ability to co-locate with existing distribution, the location of home/ structures, environmental constraints, landowner preferences, or electrical codes.**

NextEra Energy Canada, ULC

- ii. options available to the private property owner with respect to:
- a) location. **We work closely with landowners to determine an agreed upon route which provides the least amount of disruption to agricultural practices. Location is also dependant on results of natural heritage and archaeological work.**
 - b) refusal to accept transmission line. **Technically, and as a last resort, we do have the authority to expropriate lands for a transmission line through the Electricity Act. However, we do not anticipate having to do that in Huron East. Expropriation is a last resort, after we have exhausted all other possibilities. We will try to route transmission around non-participating land owners before we seek to implement the expropriation process.**
- Copy of proposed agreement to utilize municipal right-of-ways and comments of the Municipality's rights pertaining to location and/or refusal. **We can forward a copy of the proposed agreement forwarded to us by Municipality of Bluewater as well as a draft Road User Agreement developed internally. The Municipality has every right to negotiate the location and terms of construction/compensation, but does not have the right to outright prohibit a transmission line under the Electricity Act.**
 - Please provide an explanation of the determination of \$5,000 per km of transmission line and is this amount affected if the line is located on private property. **The amount was determined through industry negotiations with Haldimand County, which was our initial agreement undertaken in Ontario. It is not our intent to pay this fee if the transmission line were to be located on private lands.**
 - The answer to question 4 may impact this question. Please provide details on the eligibility of transmission lines on either public or private property for property tax assessment, payment-in-lieu assessment, etc. **Infrastructure within the public right-of-way is not subject to municipal taxation. MPAC code 562 indicates that "private hydro rights-of-way" are a taxable category.**
 - Has the location of the substation been determined? If the substation is proposed for Huron East, please provide details. **There are no proposed substations located within Huron East. The transmission line will tie into the existing substation south of Hwy 8, on Hensall Road.**

I hope the above information addresses all of your questions and concerns. Please do not hesitate to contact me if you have any other questions.

Thank you,



Derek Dudek
Community Relations Consultant

cc: Nicole Geneau, NEEC
Allen Brugioni, NEEC
Julia Cushing, AECOM

From: [Dudek, Derek](#)
To: ["Brad Knight"; "Barry Mills"](#)
Subject: Bluewater - follow up from Jan 27/12
Date: Thursday, February 16, 2012 2:19:00 PM
Attachments: [transmission line drawings 2.pdf](#)

Hello Brad, Barry,

Just wanted to follow up with a few outstanding matters that needed some clarification from our last meeting. They are as follows:

- I can confirm that the \$5000/km of o/h transmission line offered as part of our proposed Community Vibrancy Fund only applies to where the line is located within the municipal right-of-way.
- With respect to why the St. Columban project can only partially connect at Seaforth and why can Northlands project. In short, the Ontario Power Authority Transmission Planning group (who ran the Economic Connection Test), the IESO (responsible for operating the transmission grid reliably and safely) and Hydro One Networks Inc. (the transmission asset owner and the local distribution company) have deemed this the most appropriate scenario for all of these projects to connect to the grid. The Seaforth Transformer Station has 3 different types of electrical lines that run through it -- the 230 kV lines (those are the larger, dual pole structures), the 115 kV lines (typically monopole structures that serve the Distribution Stations of local towns, or customers such as Centralia, Huron Water Plant, etc.) and the 44 kV lines which serve as the distribution system network that provides electricity to local houses, barns, schools, etc.. Our project and the Northland Power Project are Transmission level connections (to either the 115 kV or 230 kV system). The St. Columban project is a Distribution-level connection (44kV). The lines coming in to and out of the Seaforth Transmission Station at different voltages have different capacities to accept additional power. These are technical, engineering-related issues and the final arbiters are the Provincial agencies responsible for delivering power in Ontario.
- Attached is an example of overhead poles, including two sample 115kv overhead pole structures. This is not 100% certain what our line would look like because no engineering of our line has been done to date, but gives a general idea. I'd ask that you keep these drawings confidential, as we do not want to provide a sense of certainty amongst the public that this is exactly the pole type going in
- With respect to the % of easements executed along our preferred path before we submit our REA documents, I can confirm that this is not required as it is separate from the REA from a permitting proces (ie. Leave to Construct through the Ontario Energy Board). We would like to work with the municipality as much as possible to locate on the public right-of-way. However, when we have a confirmed 100% route, we'll share it with you as part of the leave to construct process.
- We are continuing working on a package of technical Q&A for transmission lines, that we will share with you when it becomes available.

I hope this answers any outstanding questions from our last meeting, and as always, please don't hesitate to contact me if you have any additional questions.

Thanks,

Derek Dudek | Community Relations Consultant
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