



NextEra Energy Canada - Community Reference Materials

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Information from NextEra Energy Canada:

- “Powering our Future”
- “Providing Safe, Clean Wind Energy”

Some “Wind Energy Basics”

Information from Canadian Wind Energy Association and Natural Resources Canada:

- “The win/win of wind energy”
- “Wind is the way forward”
- “Developing wind energy”
- “The sights and sound of wind”
- “Birds, bats and wind energy”
- “Making wind energy a reality”
- “Wind energy benefits you”

Renewable Energy Approvals for Wind Energy Projects

- Information from the Ontario Ministry of the Environment

Where is NextEra in Ontario?

- Map of current and potential projects

***(Updated)* Where can I get more information?**

- Web site addresses where NextEra Energy Canada project descriptions and project studies will be posted as well as general references on wind energy issues.
- Website address to find links to reports and information on current topics including health issues, property values and Ontario’s energy plan

How to contact NextEra Energy Canada

- NextEra contact information.

***(New)* Wind Energy News**

***(New)* Project Newsletters**

Updated July 18, 2011



Where to get more information about current NextEra Energy Canada wind projects in Ontario, including all current renewable energy application materials.

For:

- Adelaide Wind Energy Centre

Please see: <http://www.tcirenewables.com/default.aspx?lang=en&page=projects-ontario>

For:

- Bluewater Wind Energy Centre
- Bornish Wind Energy Centre
- Conestogo Wind Energy Centre
- East Durham Wind Energy Centre
- Goshen Wind Energy Centre
- Jericho Wind Energy Centre
- Summerhaven Wind Energy Centre (formerly Nanticoke Wind Farm)

Please see: <http://www.canadianwindproposals.com/>



(New) For general information about the following wind energy issues and reference documents:

- [NextEra Energy Canada Wind Brochure](#)
- [Health Fact Sheet](#)
- [Canadian Wind Energy Association website](#)
- [Ontario's Long Term Energy Plan](#)
- [Green Energy Act Fact Sheet](#)
- [A Study of Low Frequency Noise and Infrasound from Wind Turbines – Epsilon Associates](#)
- [Chief Medical Officer of Health of Ontario Report](#)
- [Wind Turbine Sound and Health Effects -- An Expert Panel Review](#)
- [Wind Energy Study - Effect on Real Estate Values in the Municipality of Chatham-Kent, Ontario](#)
- [The Impact of Wind Power Projects on Residential Property Values in the United States: A Multi-Site Hedonic Analysis – Berkely National Laboratory](#)
- [Landowners' Guide to Wind Energy in Alberta – Pembina Institute](#)

Please see NextEra Energy Canada, ULC's project information web site at:
<http://www.canadianwindproposals.com/>

Or, contact us by mail, phone or facsimile at:

NextEra Energy Canada, ULC

5500 North Service Road
Suite 200
Burlington, Ontario
L7L 6W6
Telephone: (905) 335-4904
Facsimile: (905) 335-5731



Appendix

Appendix D

List of Projects and Milestone Dates provided to Aboriginal Communities

NextEra Energy Canada, ULC Ontario FIT Projects
Estimated Timelines for Planning
 Updated: MAY 2012

These timelines are estimates and subject to change. Field conditions, agency review time, regulatory process and other factors beyond NextEra's control will influence timing.

Project Name	Archaeology Field Work	Draft REA Report Package*	Target to Submit REA Application	MOE REA Decision	Start Construction
Adelaide	January 2012	Late-April or early May 2012	Late-July 2012	February 2013	Late Summer 2013
Bornish	April through May 2012	Late April or early May 2012	Mid-July 2012	February 2013	Late Summer 2013
Bluewater	April through May 2012	Early March, 2012	Late-June, 2012	February 2013	Summer 2013
Conestogo	February/March 2012 (Stage 2)	Completed	Completed	Approved, pending ERT Decision	TBC
East Durham	April through July 2012	October 2012	January 2013	August 2013	Spring 2014
Goshen	April through July 2012	Early August, 2012	Late October 2012	Early June, 2013	Winter 2014
Jericho	April through June 2012	October 2012	January 2013	August 2013	Spring 2014
Summerhaven	TBC	Completed	Completed	Approved, pending ERT Decision	TBC

* The potential reports for a complete package include most or all of the following reports:

NextEra Energy Canada, ULC Ontario FIT Projects
Estimated Timelines for Planning
Updated: MAY 2012

Potential Reports Under REA

1. Project Description Report
2. Plain Language Summary Reports
3. Stage 1 Archaeological Assessment Report
4. Stage 2 Archaeological Assessment Report
5. Stage 3 Archaeological Assessment Report, if required and typically done after submission of REA.
6. Heritage Assessment Report
7. Construction Plan Report
8. Consultation Report (including Aboriginal Consultation Report containing a Table of Concordance to other reports concerning any *pre-identified* "Aboriginal Values" or issues lists)
9. Decommissioning Plan Report
10. Design and Operations Report (includes Environmental Effects Monitoring Plan and Emergency Response and Communication Plan)
11. Natural Heritage Assessment Report (includes Records Review, Site Investigation, Evaluation of Significance and Environmental Impact Study)
12. Noise Study Report
13. Site Plan Report
14. Wind Turbine Specification Report
15. Water Body and Water Assessment Report



Appendix

Appendix E

NextEra Energy Canada, ULC Archaeology Communiqué, Spring 2012



SPRING/SUMMER 2012 ARCHAEOLOGICAL UPDATES

In the Fall 2011 we provided you with a second update on NextEra Energy Canada, ULC (“NEEC”) fieldwork that is required for its wind projects in southern Ontario. This work will continue in Spring 2012 once fields are ploughed and weathered. This update is to continue our ongoing communications about the work.

Field Work Planned

The following work will take place:

Project*	Work Planned and Consultant Name	Timeframe
Conestogo	Archaeological Consultant: Archaeological Services Inc. Contact: Andrew Riddle E-Mail: ariddle@iasi.to	Early spring once ploughing and soil weathering is complete.
	Independent Monitor, Saugeen Ojibway Nations Environment Office: Individual to be confirmed through SON EO	
	Work Description: The work will complete the Stage 2 archaeological surveying and will be conducted in accordance with the 2011 Ministry of Tourism, Culture and Sport’s (MTCS) Standards and Guidelines. The lands will be ploughed and allowed to weather for at least 2 significant rainfalls. This will be followed a pedestrian survey led by a licensed archaeologist. The surveying will be done only when there is at least 80% ground visibility. A representative sample of archaeological artifacts that are found will be picked up, documented, and archived at an appropriate repository according to MTCS requirements. A Stage 2 Archaeological Assessment report will be completed that describes the study and any artifacts found and will be submitted to MTCS for review and to interested Aboriginal communities.	

Project*	Work Planned and Consultant Name	Timeframe
	The remaining fieldwork will require only 1 day to complete and includes pedestrian survey of one MET tower location and one electrical line corridor	
East Durham	Archaeological Consultant: Scarlett Janusas Archaeological And Heritage Consulting Contact: Scarlett Janusas, E-mail: jscarlett@amtelecom.net	Spring 2012
	Independent Monitor, Saugeen Ojibway Nations Environment Office: Individual to be confirmed through SON EO	
	Work Description: The work is to start and complete stage 2 archaeological surveying. The lands will be plowed and allowed to weather for at least 2 significant rainfalls. This will be followed a pedestrian survey led by a licensed archaeologist. Land surveyors walk side by side and mark 5 metre intervals on cultivated fields. The surveying will be done when there is at least 80% ground visibility and the soil has been weathered by rain. That is why a set start date cannot be given. Any archaeological artifacts that are found will be picked up, documented, and archived at an appropriate repository according to Ministry of Tourism and Culture (MTC) requirements. A Stage 2 Archaeological Assessment report will be completed that describes the study and any artifacts found and will be submitted to MTC for review and to interested Aboriginal communities. The surveying is expected to take 5 to 10 days to complete. Stage 2 will be conducted as per the 2011 MTC Standards and Guidelines.	

Project*	Work Planned and Consultant Name	Timeframe
<p>Adelaide and Bornish</p>	<p>Archaeological Consultant: Golder Associates Contact: Jeff Muir, Field Manager E-Mail: Jeffrey_Muir@golder.com</p>	<p>Spring 2012</p>
	<p>Independent Monitors: Brandy George Archaeological Services Inc. Contact: Brandy George, Monitoring Archaeologist Wayne Hill, Two Row Archaeology</p>	
	<p>Work Description The goal is to conduct the remaining Stage 2 archaeological fieldwork. This will consist of a pedestrian survey led by a licensed archaeologist. Field archaeologists walk side by side at 5 metre intervals on cultivated fields. The surveying will be conducted when there is at least 80% ground visibility (i.e. crops have been harvested and the land re-ploughed) and the soil has been weathered by rain.</p> <p>A large portion of the work has been done on each project but this fieldwork will accommodate any changes made to the wind farm design layout and to any modifications to the proposed transmission lines.</p> <p>Any archaeological artifacts that are found will be documented, and a sample will be picked up, catalogued, and archived at an appropriate repository according to Ministry of Tourism, Culture and Sport requirements.</p> <p>A Stage 2 Archaeological Assessment report will be completed that describes the study area and any artifacts found. It will be submitted to Ministry of Tourism, Culture and Sport for review and to interested Aboriginal communities. This will supplement the Stage 2 Archaeological Assessment reports already submitted for these projects.</p> <p>The work schedule is currently being developed but is expected to take place throughout the spring. Field ploughing and weather may affect the schedule and duration of the field work.</p>	

Project*	Work Planned and Consultant Name	Timeframe
<p>Bluewater, Goshen and Jericho</p>	<p>Archaeological Consultant: Golder Associates Contact: Jeff Muir, Field Manager E-Mail: Jeffrey_Muir@golder.com</p>	<p>Spring 2012</p>
	<p>Independent Monitors: Brandy George Archaeological Services Inc. Contact: Brandy George, Monitoring Archaeologist</p>	
	<p>Work Description: The goal is to conduct the remaining Stage 2 archaeological fieldwork. This will consist of a pedestrian survey led by a licensed archaeologist. Field archaeologists walk side by side at 5 metre intervals on cultivated fields. The surveying will be conducted when there is at least 80% ground visibility (i.e. crops have been harvested and the land re-ploughed) and the soil has been weathered by rain.</p> <p>This work is a continuation of the fieldwork already conducted by Golder with Brandy George's assistance in the fall of 2010 and throughout 2011.</p> <p>Any archaeological artifacts that are found will be documented, and a sample will be picked up, catalogued, and archived at an appropriate repository according to Ministry of Tourism, Culture and Sport requirements.</p> <p>For the Bluewater project, a Stage 2 Archaeological Assessment Report has already been submitted for the wind farm layout and the additional report submitted in the spring of 2012 will deal with the transmission line field work and any modifications to the existing wind farm layout. For both Goshen and Jericho, a Stage 2 Archaeological Assessment report for each project will be completed that describes the study area and any artifacts found. All reports will be submitted to the Ministry of Tourism, Culture and Sport for review and to interested Aboriginal communities.</p> <p>The work is anticipated to last for about 6 to 8 weeks.</p>	

Project*	Work Planned and Consultant Name	Timeframe
	Field ploughing and weather may affect the schedule and duration of the fieldwork.	
Summerhaven	<p>Archaeological Consultant: Golder Associates Contact: Jeff Muir, Field Manager E-Mail: Jeffrey_Muir@golder.com</p>	Spring 2012
	<p>First Nation Monitor with Golder Crew: Jason Silver (for Six Nations of Grand River) Sheila Silver (for Six Nations of the Grand River) Jedekiah Secord (for Mississaugas of New Credit)</p> <p>Independent Monitor: Wayne Hill, Two Row Archaeology</p>	
	<p>Work Description: The Stage 1 desktop study is completed and the Stage 2 archaeological fieldwork is about 95% done. All diagnostic artifacts and a sample of other artifacts have been collected and catalogued, while others were left <i>in situ</i>.</p> <p>Curated artifacts are kept securely in Golder's office as per Ministry of Tourism and Culture regulations and recorded as part of the Ontario Archaeological Sites Database. There have been about 900 sites found to date, with some portions of the proposed transmission line and collector cables still to be surveyed.</p> <p>About 150 sites have undergone Stage 3 archaeological assessment to date, with other sites recommended for Stage 3 archaeological assessment avoided through wind farm layout changes. Stage 4 work has already been conducted on 7 sites. This year's fieldwork will still follow the first priority of avoidance, but as the wind farm design advances, this becomes more difficult. Where avoidance is not possible, Stage 4 excavation, documentation and cataloguing is required.</p>	

Please see the enclosed map for the general locations of all current NEEC wind projects.

As explained above, the exact start date in of site work depends on weather and soil conditions. We cannot predict a specific date but certainly will begin as soon as fields are ploughed and soils are weathered.

Field Briefings

NEEC and its archaeological consultants will arrange a field briefing for communities who wish to send a representative to meet directly with the archaeological consultant. The field briefing is a suggestion we received from one of the interested communities in 2010. They would last about 1 hour.

Field briefing arrangements will be made based on requests we receive by April 1, 2012.

The field briefing is described in NEEC's Ontario Projects Archaeological Protocol (enclosed). We would like the field briefing to include:

1. Opportunity to meet the personnel involved in this work, including any monitors who will be on site
2. Description of archaeological fieldwork plans and locations
3. Discussion of NEEC's Archaeological Protocol and roles of the archaeological crew and monitors
4. Receive any advice or direction from community representatives that may help us to complete this work in a respectful and thorough way
5. Ensure all involved parties know who the appropriate contact persons are, and how to contact them

Contact Information

For any questions about field briefings, or to request additional arrangements for monitoring, please contact the coordinating archaeologists above **by April 1, 2012** and R. D. (Bob) Waldon of Bedford Consulting & Associates, who is coordinating the Aboriginal consultation work at:

Bob Waldon
Bedford Consulting & Associates
e-mail: rdwaldon@bedfordC4.com
1-905-838-4256

If you have any questions about the archaeological field work itself, please contact:

Tom Bird
Project Manager, Environmental Services
NextEra Energy Canada, ULC
1-905-335-4904



Appendix

Appendix F
Aboriginal Community Consultation Protocols



F.1 Aamjiwnaang First Nation

Appendix

Consultation Protocol—Aamjiwnaang

1. Preamble

The Aamjiwnaang First Nation, formerly known as the Sarnia Indian Reserve 45 or Chippewas of Sarnia First Nation, is a First Nations community of about 1000 Anishinabek people residing on reserve land along the shores of the St. Clair River near Sarnia, Ontario. The reserve land is the result of Treaties 27 ½ and 29 that were negotiated with the Crown in the 1820's. These treaties of the "Huron Tract" offered some compensation to the First Nation for the land surrendered, established reserves, and form the basis for Aamjiwnaang First Nation's treaty rights.

Though the reserve is the current location of the Anishinabek people of Aamjiwnaang, the traditional territory that Aamjiwnaang's ancestors inhabited covers much of south western Ontario and the Great Lakes Region, including significant territory in what is now Michigan. It is a habitat for distinctive flora and fauna and is known for its main waterway, the St. Clair River. Aamjiwnaang First Nation and its ancestors have been living, hunting and fishing in this territory since time immemorial. The people of Aamjiwnaang First Nation therefore assert aboriginal rights throughout this region.

Aamjiwnaang's environment is unique and as Anishinabek people they are given the responsibility as caretakers of Mother Earth. Aamjiwnaang's reserve lands are now bordered by significant industrial and petro-chemical developments, and there are significant concerns about the short and long term impacts of the presence and growth of these industries. Environmental remediation activities are carried out by Aamjiwnaang in response to concerns about the land, water, air, animals and people situated within Aamjiwnaang's territory and in an effort to continue to preserve the traditional ways of the community. Efforts to protect and restore the natural environment are, however, not limited to efforts which involve its own residents. The First Nation is also actively engaged in applying its own high standards of environmental concern and management to a range of external issues, including proposed project activities by Industries and Government in the traditional territory.

2. Guiding Principles:

Aamjiwnaang First Nation understands the following basic principles to be a key part of any consultation and accommodation discussion.

- a. The Guidelines listed in this document are the minimum requirements for consultation and accommodation and are the expectations of Aamjiwnaang with respect to consultation and accommodation.
- b. Aamjiwnaang has inherent treaty rights and aboriginal rights as well as a traditional territory and must be consulted with on any project that will or might have an impact on these rights.
- c. All parties must recognize that the duty to consult and accommodate with Aamjiwnaang rests with the Crown (Federal and Provincial Governments) and that all authority for decision-making and approvals will remain on a government-to-government basis.
- d. All proponents must commit to satisfying all environmental regulations and to seek best practice solutions and to use best available technology as regards any environmental concerns on any project within Aamjiwnaang's traditional territory. Aamjiwnaang must be made aware of any real or potential risks to health and safety, and every measure should be provided to avoid impacting the health of the Aamjiwnaang people.
- e. Proponents, the Crown, and the First Nation will approach meetings in good faith, with respect, and with a desire to be flexible and seek a fair agreement for all parties.
- f. Proponents, in their desire to complete projects in a reasonable time frame, should seek to satisfy all relevant federal and provincial guidelines and legislation for the project.
- g. Consultations and negotiations should be held with full disclosure that includes, but should not be limited to, detailed project reports, details about regulations and fees that relate to the property or development in question, and any information given also to the Crown to satisfy regulatory measures.
- h. All consultation and negotiation should be free of all coercion (including financial and time constraints), and should begin as soon as possible to ensure First Nations are included before irreversible decisions are made.
- i. That all parties recognize that consultation is an on-going process that spans the life of a project through construction, operation, and decommissioning. Therefore, any agreements resulting from this process should allow for the possibility of renegotiation if the circumstances surrounding the agreement change.
- j. Decisions should be made by consensus wherever possible. There must be a willingness to provide accommodation for the reasonable concerns of Aamjiwnaang before the project proceeds.

- k. Nothing in this document shall offer any justification for taking away or superseding treaty and/or aboriginal rights within the meaning of Section 25 and 35 of the Constitution Act, 1982 or the duty to consult and accommodate.
- l. Nothing in this document shall be considered an endorsement by Aamjiwnaang of any current legislation, regulations, policies, procedures, or practices of the Crown or proponents in Aamjiwnaang's traditional territory where Aamjiwnaang has no meaningful role in their development or administration, or do not reflect the reconciliation of the relationship between the Crown and Aamjiwnaang.
- m. Nothing in this protocol implies consent or approval of any past, existing, new, or ongoing activities within Aamjiwnaang's traditional territory.

3. Definitions:

Aamjiwnaang First Nation: Means the aboriginal people within the meaning of section 35 of the Constitution Act, 1982, which is a First Nation, and a Band pursuant to the Indian Act. The First Nation is formerly known as the Chippewas of Sarnia. The First Nation's reserve is located near Sarnia, Ontario and is un-ceded land.

Aamjiwnaang Rights (Aboriginal Rights): Aamjiwnaang members have Aboriginal rights within the meaning of Section 25 and 35 of the Constitution Act, 1982 which are collective and not individual. The rights belong to the community and arise from presence, occupation and practice on the land prior to European contact. These rights continue to exist unless modified or extinguished by treaty.

Aamjiwnaang Title (Aboriginal Title): is a common law property interest in land. Aboriginal title arises from occupation of Canada by Aboriginal peoples prior to the *Royal Proclamation of 1763*. Aboriginal title is a collective right to land held by all members of an Aboriginal nation.

Accommodation: An amicable agreement achieved by consultation between two or more parties to deal with concerns and to avoid irreparable harm or to minimize the effects of infringement by seeking compromise in an attempt to harmonize any conflicting interests.

Activity: Any legislation, regulation, policy, procedure, plan, tenure, grant, license, permit, restriction, amendment, approval, authorization, transfer, transaction, operation, or other activity, which may have an impact on Aamjiwnaang's Aboriginal Title or other Aboriginal Rights.

Consultation: A deliberation, in good faith, on a matter involving two or more parties having concern for the consideration of a First Nation's wishes in planning and acting; with a mutual goal of arriving at an agreeable decision prior to any undertaking by any party.

Crown: Her Majesty in right of Canada and Her Majesty in right of Ontario and their respective governments and agencies.

Information: Refers to materials that can be disclosed in accordance with applicable law

Impact: Any adverse effect that any activity may cause to the Environment within Aamjiwnaang's traditional territory or the health of Aamjiwnaang or any of its members or any Aamjiwnaang right.

Proponent: A person, including corporations, which may include the Crown, who proposes a project to be implemented that may affect Aamjiwnaang interests.

Reserve: Refers to the un-ceded land near Sarnia, ON that was set aside under Treaty 27 ½ and 29 for the Sarnia band, now known as Aamjiwnaang First Nation and formerly known as the Chippewas of Sarnia.

Traditional Territory: The Traditional Territory of Aamjiwnaang is not confined to its reserve boundaries, but rather to the area of past occupation and land use. For this purposes of this consultation protocol, the Traditional territory of the Aamjiwnaang First Nation stretches along the shores of Lake Huron, north to Goderich, east to Stratford and south to Point Pelee.

4. Consultation principles

The Crown must initiate consultation at the earliest stage in the decision-making process before decisions are made that infringe on Aamjiwnaang title or rights, and without Aamjiwnaang first having to raise questions about the proposed activity. Consultation must occur at all stages of any proposed activity that potentially impact on asserted or recognized rights of Aamjiwnaang, including legal or policy changes, strategic planning, scientific or technical decision making, operational decisions, environmental assessments, impact assessments, approvals which may lead to a permit, license, lease, or change in land status, and any amendment to any such decisions.

The consultation process, while involving non-crown proponents, shall have an ongoing government-to-government relationship based on the recognition and affirmation of the aboriginal and treaty rights and aboriginal title of the people of Aamjiwnaang. The concerns, interests, and ideas of Aamjiwnaang must be integrated into the decisions or developments that impact their territory, rights, or title.

Consultation with Aamjiwnaang must be separate and distinct from consultation with other interest groups.