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Jericho Wind, Inc.

Addendum to the Consultation Report – Jericho Wind Energy Centre

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Appendices

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Glossary of Terms

ABCA	Ausable Bayfield Conservation Authority
CWS	Canadian Wildlife Service
dBA	A-weighted Decibels
EIS	Environmental Impact Study
FIT	Feed in Tariff
Hz	Hertz
MOE	Ontario Ministry of the Environment
MNR	Ontario Ministry of Natural Resources
MTCS	Ontario Ministry of Tourism, Culture and Sport
MTO	Ontario Ministry of Transportation
MW	Megawatts
NextEra	NextEra Energy Canada
NHA	Natural Heritage Assessment
O.Reg. 359/09	Ontario Regulation 359/09
OMAFRA	Ontario Ministry of Agriculture, Food and Rural Affairs
PDR	Project Description Report
REA	Renewable Energy Approval
The Project	Jericho Wind Energy Centre
SCRCA	St. Clair Region Conservation Authority
ULC	Unlimited Liability Corporation

1. Introduction

Jericho Wind, Inc. (Jericho), a wholly owned subsidiary of NextEra Energy Canada, ULC, (NextEra), is proposing to construct a wind energy project in the Municipality of Lambton Shores and the Township of Warwick in Lambton County, Ontario and in the Municipality of North Middlesex in Middlesex County, Ontario (see Figure 2-1 – Project Location). With a total nameplate capacity of up to 150 MW, the Jericho Wind Energy Project (the Project) is categorized as a Class 4 wind facility under Ontario Regulation 359/09 (*O. Reg. 359/09*). Although Jericho is seeking a Renewable Energy Approval (REA) for up to 99 turbine locations, approximately 92 turbines are proposed to be constructed for the Project.

Jericho is proposing modifications to the Project since the submission of the REA application in February, 2013. These proposed Project modifications are categorized as follows:

- Construction disturbance area modified to reduce or eliminate impacts to archaeological resources;
- Infrastructure or construction disturbance area added or changed to optimize Project design/ constructability; and,
- Turbine and associated infrastructure removed.

In support of these modifications, Jericho prepared and circulated for public review a set of Revision Reports that provide updates to the reports included in the February, 2013 REA application.

The following sections outline the consultation activities undertaken and the input received during the Project since the submission of the *Final Consultation Report – Jericho Wind Energy Centre (AECOM, February 2013)* on February 15, 2013. Jericho has maintained continuous communication with stakeholders through the planning process and will continue this dialogue throughout the lifecycle of the Project.

2. Summary of Consultation Activities

A thorough public consultation program has been undertaken for this Project which exceeds the requirements of *O.Reg. 359/09*. **Table 2-1**, below, provides a list of the consultation activities undertaken since the submission of the February 15, 2013 REA application. For a detailed account of consultation activities, please refer to Section 3.

 Table 2-1
 Summary of Consultation Requirements Since February 15, 2013

Consultation Requirement	Date Completed
Notice of Posting to Environmental Registry	July 24 and 26, 2013
Project Newsletter #4	October 2, 2013
Notice of Change to Proposal and Public Meetings – Township of Warwick, Municipalities of North Middlesex and Lambton Shores	September 18, 2013
Additional Public Meetings – Township of Warwick, Municipalities of Lambton Shores and North Middlesex	October 21, 22, and 23, 2013



3. Public Consultation Activities

This section highlights the Project notices and associated meetings, in addition to the newsletter provided to stakeholders since the submission of the *Final Consultation Report – Jericho Wind Energy Centre (AECOM, February 2013)* on February 15, 2013. Please refer to **Appendix A** for copies of the notices and newsletter as well as the Additional Public Meetings materials including display panels and surveys. Note that all activities relating to Aboriginal consultation are described in **Appendix B** – Aboriginal Consultation Report Addendum.

3.1 Notice of Posting to the Environmental Registry for February 2013 REA Submission

A Notice of Posting to the Environmental Registry was published in the Turtle Island News (July 24, 2013), Forest Standard (July 24, 2013), Lakeshore Advance (July 24, 2013) and the Sarnia Observer (July 26, 2013). The Notice was distributed in response to the Ministry of Environment (MOE) accepting the application for an REA by Jericho. The MOE screened the submission according to the requirements set out in the O.Reg. 359/09 and the application was deemed complete. The Notice initiated the 45-day comment period on the Environmental Registry and advised stakeholders of how comments could be submitted to the Director of the Ministry of the Environment. A copy of this Notice is included in **Appendix A1**.

3.2 Project Newsletter #4

The fourth community newsletter was published in the fall of 2013 to provide stakeholders with information on the Project status, highlighting key updates since the final Public Meetings held on February 6, 7, and 8, 2013. The newsletter explained the effects of the recent changes to the Ontario Power Authority's Feed-in-Tariff (FIT) program, the Province's mechanism to offer long-term energy contracts for renewable energy projects, and provided an overview of some of the key issues addressed at the Final Public Meetings in February, 2013. The newsletter was distributed via Canada Post Admail throughout the Project Study Area to all available addresses. Project Newsletter #4 is included in **Appendix A2**.

3.3 Distribution of Draft Revision Documents for Review – Public

The Draft REA Revision Reports were provided for public review on September 30, 2013. These documents were made available for review at the offices of the Municipalities of Lambton Shores and North Middlesex, the Township of Warwick and Lambton and Middlesex Counties as well as on the Project website. Interested parties were encouraged to submit questions and comments to the Project team during the review period. Stakeholders were also advised that the draft documents were available for review via the Notices for the Additional Public Meetings (refer to **Section 3.3**). The Notice of Public Meetings is available in **Appendix A3** and the cover letters for circulating the Draft REA Revision Reports to the public for review are available in **Appendix D1**.

3.4 Additional Public Meetings – Township of Warwick, Municipalities of North Middlesex and Lambton Shores

The Additional Public Meetings were held on October 21, 22 and 23, 2013 at Centennial Hall (Township of Warwick), the Ailsa Craig Community Centre (Municipality of North Middlesex) and the Legacy Recreation Centre (Municipality of Lambton Shores), respectively, from 5:00 pm to 8:00 pm.

Notice of the meeting was distributed to every assessed owner of land within 550 metres of the Project Location and every assessed owner of land abutting a parcel of land on which the Project is located in addition to the MOE,

Transport Canada, NAV Canada, Enbridge, the Municipalities of Lambton Shores and North Middlesex, the Township of Warwick and Lambton and Middlesex Counties and interested Aboriginal Communities. Furthermore, the Notice was published in the Turtle Island News (September 18, 2013 and October 16, 2013), Exeter Times Advocate (September 18, 2013 and October 16, 2013), Forest Standard (September 19, 2013 and October 17, 2013), Lakeshore Advance (September 18, 2013 and October 16, 2013), and the Sarnia Observer (September 18, 2013 and October 16, 2013). Finally, the Notice was posted on the Project's website on September 30, 2013.

The general purpose of the meetings was to present the modifications to the Project layout and associated effects and mitigation measures. Display panels were set up along the periphery of the room and Project team members were available to discuss the proposed Project and answer questions with stakeholders. In addition, the Draft REA revision reports were available for review.

At the October 21, 2013 meeting, approximately 11 people attended the event and 8 individuals registered their attendance. At the October 22, 2013 meeting, approximately 45 people attended the event and 10 individuals registered their attendance. At the October 23, 2013 meeting, approximately 9 people attended the event and 5 individuals registered their attendance. Two surveys were submitted at the three meetings. **Appendix A3** contains consultation materials relating to the additional Public Meetings including: the Notice of Public Meetings, display panels and surveys received.

3.5 Summary of Public Comments

The following table presents a summary of comments received since submission of the Final REA application in February, 2013. Copies of the correspondence, with personal information redacted, is available in **Appendix A4**.

Table 3-1	Summary of Public Comments Received Since February 15, 2013

Theme	Торіс	Response	
Turbine Siting	Number of Turbines	The turbine locations were crystallized when the Draft Site Plan was released on November 7, 2012. The updated Project Location was made available in the Notice of Public Meetings distributed on September 18, 2013 and in the REA Revision Report made available at the municipal office and on the Project website on September 30, 2013.	
		• Up to 99 wind turbines are being permitted for this Project; however, only approximately 92 turbines will be constructed.	
		• The number of turbines required for this Project depends on several factors. These include the wind resource, siting restrictions, such as setback distances, socio-economic or natural environment constraints, the capacity of the electrical grid, and interest shown by local landowners.	
		 In addition, the type of turbine technology selected can also affect the number of turbines as different turbine models have differing capacities to generate electricity, and therefore increase or reduce the number of turbines required to achieve the same overall Project output. 	
	Turbine Locations and the Siting Process	 engineering constraints while at the same time adhering to the setback distances prescribed by the Province and outlined in <i>O. Reg. 359/09.</i> This regulation stipulates specific setback distances to various features, such as houses and schools, as well as environmentally significant areas. In addition, detailed turbine siting on individual properties was conducted by engineering and construction professionals, in consultation with landowners, and in compliance with all provincial 	
	Turbine Setbacks	 and federal requirements. In accordance with O. Reg. 359/09, turbines must be setback a minimum distance of the turbine 	
	to Property Lines	In accordance with O. Reg. 303/09, tablies must be setack a minimum diffusion of the tablie hub height to neighbouring property lines if no supporting studies are completed or agreements secured. To reduce that setback to blade length plus 10 metres, a property line setback assessment must be conducted to assess potential damage to crops or trees resulting from turbine malfunction or failure. Finally, an agreement with a neighbouring landowner must be in place and an assessment conducted if the setback distance is less than blade length plus 10 m.	

Table 3-1 Summary of Public Comments Received Since February 15, 2013

Theme	Торіс	Response
Transmission Lines	Transmission Line Siting	The transmission line route was presented at the Final Public Meetings and is shown in the Final REA Reports. The transmission line corridor has not changed since the February 15, 2013 REA submission and is still located along Thompson Line and Elginfield Road.
	Stray Voltage and its Potential Effects on	 Stray voltage is addressed in the February 15, 2013 Project Description Report and the Design and Operations Report. Jericho has designed the Project to minimize the risk of stray voltage to consumers and to ensure
	Livestock	the Project is built and maintained within acceptable levels as prescribed by the Distribution System Code and the Electrical Safety Authority.
		• The Project is not proposing to connect to the local distribution system that serves barns and houses in the area, so it will not directly impact that service. However, Jericho will continue to work closely with Hydro One to mitigate any potential impact on local distribution customers should a situation arise. Hydro One, as required in the interconnection process, has completed a Customer Impact Analysis and no issues were identified.
		 Most cases of stray voltage occur when there is either:
		 Improper grounding of on-site equipment (in which case it is an issue with on-site wiring); or, A change in current patterns on the distribution line, from generation or load that exposes a pre- existing condition (in which case it is an issue with the distribution utility, not with the generator or load).
		• It is important to understand that issues associated with stray voltage are not exclusively a consequence of wind energy, but rather a potential effect of any new energy project or other changes that alters the use pattern of the existing system.
		 The turbines are therefore not a unique source of these problems, but like any change to the distribution system may expose faults in that system. All types of generation (wind generation using wind turbines included) must fully comply with utility requirements to ensure that the electricity they supply is compliant with grid standards. Stray voltage problems require on-site inspection for grounding problems, or examination of power quality issues with the distribution utility. For additional information on the potential effects of stray voltage on livestock, see the Ontario
		Ministry of Agriculture, Food and Rural Affairs (OMAFRA) website: www.omafra.gov.on.ca/english/livestock/dairy/facts/strayvol.htm
Effects on the Socio-economic	Property Values	 Numerous studies have been conducted that indicate that wind farms do not have a negative impact on property values. For links to these studies, please see: www.NextEraEnergyCanada.com
Environment	Noise	<i>Results of the Noise Assessment are presented in the</i> Design and Operations Revision Report, Appendix A - Noise Assessment Report.
		 Wind projects must show that they meet the sound limit requirements prescribed by the MOE. For non-participating residences (parcels not receiving infrastructure) the sound limit is 40 decibels (dBA). This is quieter than many sources of sound within a home. Jericho takes great care to ensure that it complies with the provincially-mandated noise requirements. For every non- participating residence, the sound levels are below the 40 dBA limit. Importantly, sound from a wind turbine diminishes over distance. Jericho commits to quickly addressing any concerns that arise regarding sound from their wind energy centres.
	Visual effects	Visualizations are available for review in Appendix A2.
		• Visualizations of the proposed turbines within the existing landscape were presented at the Final Public Meetings. These visualizations show the relative size of the turbines in relation to local landscapes.
		 Visual effects are ultimately dependent on the perception of residents and visitors to the presence of turbines.

Table 3-1 Summary of Public Comments Received Since February 15, 2013

Theme	Торіс	Response
Effects to Wildlife	Effects on Tundra Swans	 Information on species within the Project Study Area was conducted as part of the Records Review for the NHA Report and in consultation with the MNR. An initial series of avian surveys was conducted by Golder Associates for the Project Study Area. The Jericho Wind Energy Centre Avian Use Monitoring Report – 2010 (Golder Associates, 2011), describes the results of spring Tundra Swan/waterfowl surveys, winter avian use surveys, spring migration avian use surveys, breeding (summer) avian use surveys and fall migration avian use surveys. It was used in conjunction with Ontario Breeding Bird Atlas (Cadman et al. 2007) data to describe the bird species known to use habitats in the Project Study Area. Additional surveys to identify Candidate Significant Tundra Swan Migratory Stopover and Staging Areas were completed in March 2012. Two Candidate Significant Tundra Swan Migratory Stopover and Staging Areas were determined to be located within 120 m of the Project Location, and as per MNR guidelines, these areas were completed at these locations in 2013 to collect additional information on Tundra Swan use of the areas. One candidate site was determined not to be a Tundra Swan stopover and staging area; however, there are no turbines proposed within 120 m of this feature as a result of recent Project modifications. At this time, no turbines will be constructed within the required setback to these habitats.
	Effects on Livestock and Agricultural Production	 Wind turbines occupy only a small fraction of the land they are sited on. As such, farming and grazing may continue undisturbed. A turbine, in a typical wind farm, including foundation and access roads, will use 1.0 – 1.5 % of a 40 hectare (approximately 99 acres) farm parcel. NextEra Energy Resources, LLC, the indirect parent company of NextEra Energy Canada, operates over 100 wind farms amidst a variety of agricultural uses and livestock operations. It has not been NextEra's experience that wind turbine operations have any negative impact on livestock or crops associated with their projects. Many landowners find that the guaranteed income from hosting a wind turbine helps to stabilize the economics of their operations, and, in some cases, enables a family farm to remain in the family.
Public Health and Safety	Effect of Turbines on Human Health	 Jericho takes concerns about human health very seriously. Although much has been written about health effects associated with wind turbines, Jericho has found no credible, scientifically peerreviewed study that demonstrates a causal link between wind turbines and negative health effects. On the contrary, the study "Wind Turbine Sound and Health Effects: An Expert Panel Review' had the following key conclusions: Sound from wind turbines does not pose a risk of hearing loss or any other adverse health effect in humans. Sub-audible, low frequency sound and infrasound from wind turbines do not present a risk to human health. Some people may be annoyed at the presence of sound from wind turbines. Annoyance is not a pathological entity. A major cause of concern about wind turbine sound is its fluctuating nature. Some may find this sound annoying, a reaction that depends primarily on personal characteristics as opposed to the intensity of the sound level. The full report can be found in the Canadian Wind Energy Association's website: www.canwea.ca/pdf/talkwind/Wind_Turbine_Sound_and_Health_Effects.pdf and on www.NextEraEnergyCanada.com. In their decision on the Kent Breeze Wind project in Chatham-Kent, the Ontario Ministry of Environment stated: "The Chief Medical Officer of Health agreed to undertake a review of existing information and to consult with the Ontario Agency for Health Protection and Promotion and local medical officers of health on health effects related to wind turbines. The results of the review and consultation were published on May 20, 2010 and released in a report titled "The Otential Health Impacts of Wind Turbines". The review concluded that scientific evidence available to date does not demonstrate a direct causal link between wind turbine noise and adverse health effects. The sound level from wind turbines at common residential setbacks is not sufficient to cause hearing impairment or other direct health effects. The

Table 3-1 Summary of Public Comments Received Since February 15, 2013

Theme	Торіс	Response
		Regarding shadow flicker, a common concern is its possible relationship to epilepsy. The Chatham-Kent Board of Health reviewed potential impacts in their report dated June 2008 and stated that 'The frequency of wind turbines is well below the current known documented threshold for triggering epilepsy symptoms."
		 The American Epilepsy Foundation indicated that flashing lights most likely to trigger a seizure occur at frequencies between 5 to 30 Hertz (Hz). Shadow flicker generated by wind turbines, however, has a frequency well below that level, and ranges from 0.5 to 1.25 Hz. The Massachusetts Department of Environmental Protection convened an expert panel in collaboration with the Massachusetts Department of Public Health to investigate potential human health effects associated with proximity to wind turbines. The panel, comprised of physicians and scientists, reviewed existing information within their areas of expertise and recently released a report titled Wind Turbine Health Impact Study: Report of Independent Expert Panel. Some of the key findings are summarized below: "There is no evidence for a set of health effects from exposure to wind turbines that could be characterised as "Wind Turbine Syndrome"." "Available evidence shows that the infrasound levels near wind turbines cannot impact the vestibular system" [i.e. the system responsible for balance]. "None of the limited epidemiological evidence reviewed suggests an association between noise from wind turbines and pain and stiffness, diabetes, high blood pressure, tinnitus, hearing impairment, cardiovascular disease, and headache/migraine."
		 Finally, Jericho will have a Complaint Resolution Process in place to address any concerns related to the Project, should they arise. This process outlines the steps to be taken to resolve the issue including: contacting the complainant within 24 hours of receiving the complaint to understand and seek a resolution, notifying the MOE of the complaint and filing a Complaint Record and finally, proposing a face-to-face meeting if the issue cannot be resolved through a phone call. Also note that in the province of Ontario, a number of appeals of approved wind projects have been heard by the Environmental Review Tribunal (ERT) on the grounds that the projects would cause serious harm to human health. None of the appeals was successful and the appellants did not provide evidence that serious harm would occur under provincial regulations.

4. Agency Consultation

Jericho and AECOM consulted with the agencies listed below over the course of the Project. Agency meetings that have occurred after February 15, 2013 are described throughout Section 4.1 and key pieces of correspondence are summarized in **Table 4-1 – Summary of Key Agency Correspondence** below.

4.1 Summary of Key Agency Meetings

4.1.1 Ausable Bayfield Conservation Authority

Jericho and AECOM met with the Ausable Bayfield Conservation Authority (ABCA) on May 31, 2013. The ABCA clarified permitting requirements and provided comments on the proposed layout modifications. This was a follow up discussion from previous meetings that occurred in 2010, 2011, and 2012 each to review the status of background data available, and to confirm potential permitting requirements. Jericho and AECOM also held a teleconference with the ABCA on October 10, 2013 to discuss the proposed Project schedule. Jericho has continuously consulted with the ABCA throughout the Project planning process and will continue consultation throughout the permitting process.

4.1.2 St. Clair Region Conservation Authority

Jericho and AECOM met with the St. Clair Region Conservation Authority (SCRCA) on March 19, 2013 to provide a Project update and discuss permitting requirements. Another follow up meeting was held on July 17, 2013 to review

the modifications to the proposed layout, provide the SCRCA with a list of proposed crossings and to exchange background data for the Project study area. Jericho has continuously consulted with the SCRCA throughout the Project planning process and will continue consultation throughout the permitting process.

4.1.3 Ontario Ministry of Natural Resources

AECOM continued consultation with the MNR throughout the preparation of the Natural Heritage Assessment (NHA) and Environmental Impact Study (EIS) Report Third Addendum and submitted the report for review and sign-off on August 15, 2013. AECOM had a conference call with MNR on September 12, 2013 to review tree removal requirements. AECOM revised the NHA/EIS Third Addendum and provided the report to the MNR for review and confirmation on October 11, 2013.

4.1.3.1 Confirmation on the Natural Heritage Assessment Report and Environmental Impact Study

The MNR issued a confirmation letter regarding the NHA/EIS Third Addendum Report on October 15, 2013. The letter is provided in **Appendix C** and confirms that the MNR is satisfied that the Natural Heritage Assessment meets the requirements of O.Reg. 359/09.

4.1.4 Ministry of Tourism, Culture and Sport

Jericho consulted with the Ministry of Tourism, Culture and Sport (MTCS) throughout the REA process on matters relating to archaeological and cultural heritage impacts. A Stage 2 Archaeological Assessment and a Heritage Assessment were conducted to identify any potential effects relating to these resources from the Project modifications. The following sections summarize the letters of confirmation received from the MTCS regarding these reports. Copies of the letters are available for review in **Appendix C**.

4.1.4.1 Confirmation on the Stage 2 Archaeological Assessment Report

The MTCS responded on September 23, 2013 to the Stage 2 Archaeological Assessment Report submitted on August 15, 2013. The MTCS provided a confirmation letter stating that they are satisfied that the fieldwork and reporting for the archaeological assessment are consistent with the Ministry's 2011 *Standards and Guidelines for Consultant Archaeologists* and the terms and conditions for archeological licences. The Stage 2 report was entered into the Ontario Public Register of Archaeological Reports on September 23, 2013.

4.1.4.2 Confirmation on the Heritage Assessment Report

The MTCS responded on September 4, 2013 to the Heritage Assessment Addendum submitted on September 4, 2013. The MTCS provided a letter confirming that they are satisfied that the heritage assessment process and reporting are consistent with the applicable heritage assessment requirements established in s. 23 of O.Reg. 359/09.

4.1.5 Additional Agency Consultation

In addition to the agencies required to be consulted to obtain permits or confirmation letters as per *O.Reg. 359/09*, Jericho has corresponded with both Environment Canada and Transport Canada with regard to effects of the Project since February, 2013.

Jericho consulted with Environment Canada's Meteorological Service Office for the Ontario Region concerning the potential effect of Jericho on the weather radar installation located at Exeter Ontario. There have been meetings and an exchange of technical and operational information and Jericho continues to consult with Environment Canada.

Jericho consulted with Transport Canada's Navigable Waters Protection Program Office for the Ontario region concerning the approval to construct an access road and collection line in two separate locations over a Navigable Waterway. The outcome of the consultation was that Transport Canada advised Jericho to submit a complete application for the water crossing detailing the intended work. This application is still under review by the regional office.

Table 4-1 represents key pieces of correspondence from agencies engaged in the Project since February 15, 2013.

Table 4-1	Summary of Key Agency Correspondence Received Since February 15, 2013
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Date	Agency	Questions/Comments	Response
Ausable-Bayfield Co	nservation Auth	ority (ABCA)	
May 31, 2013	ABCA	Jericho and AECOM met with the ABCA to receive clarification on permitting requirements and comments received related to proposed layout modifications.	AECOM continues to consult with the ABCA regarding permitting requirements and the Project schedule.
August 26, 2013	ABCA	AECOM provided the ABCA with the final Site Plan for the Project in support of the Conservation Authority Permit Application.	AECOM continues to consult with the ABCA regarding permitting requirements and the Project schedule.
September 27, 2013	ABCA	AECOM provided the ABCA with the initial permit package for regulated activities on private properties.	AECOM continues to consult with the ABCA regarding permitting requirements and the Project schedule.
September 30, 2013	ABCA	AECOM confirmed with the ABCA that they may contact the Municipality of Lambton Shores to discuss the status of the Road Use Agreement in lieu of waiting for the Road Use Agreement to be issued prior to proceeding with right-of-way permits for the Project.	AECOM continues to consult with the ABCA regarding permitting requirements and the Project schedule.
October 10, 2013	ABCA	Jericho and AECOM held a teleconference to discuss the proposed Project timeline.	AECOM continues to consult with the ABCA regarding permitting requirements and the Project schedule.
October 22, 2013	ABCA	AECOM provided the ABCA with the permit package for regulated activities within the right-of- way.	AECOM continues to consult with the ABCA regarding permitting requirements and the Project schedule.
St. Clair Region Con	servation Author	· · ·	
March 19, 2013	SCRCA	Jericho and AECOM met with the SCRCA to provide a Project update and discuss permitting requirements.	AECOM continues to consult with the SCRCA regarding permitting requirements and the Project schedule.
July 17, 2013	SCRCA	Jericho and AECOM held a follow up meeting to review modifications to the proposed layout.	AECOM continues to consult with the SCRCA regarding permitting requirements and the Project schedule.
September 16, 2013	SCRCA	AECOM provided the Slope Stability Report to the SCRCA in support of the Conservation Authority Permit Application.	AECOM continues to consult with the SCRCA regarding permitting requirements and the Project schedule.
September 16, 2013	SCRCA	AECOM provided the SCRCA with the final Site Plan for the Project in support of the Conservation Authority Permit Application.	AECOM continues to consult with the SCRCA regarding permitting requirements and the Project schedule.
October 2, 2013	SCRCA	AECOM provided the SCRCA with the initial permit package for regulated activities on private properties.	AECOM continues to consult with the SCRCA regarding permitting requirements and the Project schedule.
October 23, 2013	SCRCA	AECOM provided the SCRCA with the permit package for regulated activities within the right-of-way.	AECOM continues to consult with the SCRCA regarding permitting requirements and the Project schedule.

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Table 4-1	Summary of Key Agency Correspondence Received Since February 15, 2013

Date	Agency	Questions/Comments	Response
Ministry of the Envir	onment (MOE)		
May 6, 2013		MOE sent an e-mail to NextEra with questions and comments regarding the noise assessment report from the final REA submission.	AECOM responded to MOE on NextEra's behalf on May 10, 2013 with an updated noise assessment report to address MOE's questions and comments.
September 6, 2013		AECOM sent a letter to MOE summarizing the proposed Project modifications, including the rationale for each of the modifications.	MOE responded in an e-mail on September 10, 2013 with specific guidance regarding the process for submitting the modifications for approval. The e-mail confirmed that the modifications, considered in their entirety, constitute a significant change, and indicated that a Modifications Documents must be prepared to describe the modifications, and the potential effects and mitigation measures associated with those modifications. Furthermore, MOE required that a public meetings be held, and that MTCS and MNR sign-off be obtained prior to the meetings.
			MOE confirmed in a subsequent e-mail on September 26, 2013 that the MOE must have another Environmental Bill of Rights (EBR) comment period regarding the modifications once the amendment is submitted.
October 9, 2013		Jericho met with the MOE regarding proposed Project modifications and the REA application process.	Jericho will continue to follow up with the MOE during the review of the REA application.
Ministry of Natural R	Resources (MNR)		
August 15, 2013	MNR	AECOM submitted the Natural Heritage Assessment (NHA) and Environmental Impact Study (EIS) Third Addendum Report for review and confirmation.	MNR provided comments on the NHA/EIS Third Addendum on September 12, 2013 during a teleconference held by AECOM.
October 11, 2013	MNR	AECOM submitted a revised Natural Heritage Assessment (NHA) and Environmental Impact Study (EIS) Third Addendum Report for review and confirmation that addressed previous comments from MNR.	MNR issued a confirmation letter for the NHA/EIS Third Addendum Report on October 17, 2013.
Ministry of Tourism,	Culture and Sport		
August 15, 2013	MTCS	Stantec submitted the Stage 2 Archaeological Assessment Report for review and confirmation.	MTCS issued a confirmation letter for the Stage 2 Archaeological Assessment Report and uploaded the report to the Ontario Public Registry of Archaeological Reports on September 23, 2013.
September 4, 2013	MTCS	AECOM submitted the Heritage Assessment Addendum Report for review and confirmation.	MTCS issued a confirmation letter for the Heritage Assessment Addendum Report on September 4, 2013.
Transport Canada			
September 9, 2013	Transport Canada - Navigable Waters Ontario Region Office	AECOM submitted two applications for approval to construct in navigable waters.	applications on September 13, 2013. Transport Canada requested additional information relating to the proposed crossings to provide an accurate review.
October 3, 2013	Transport Canada - Navigable Waters Ontario Region Office	AECOM submitted additional information relating to the application for approval to construct and access road and culvert in navigable waters based on a previous request from Transport Canada.	Transport Canada is reviewing the updated application.
October 15, 2013	Transport Canada - Navigable Waters Ontario Region Office	AECOM submitted additional information relating to the application for approval to construct an underground collection line in navigable waters based on a previous request from Transport Canada.	Transport Canada is reviewing the updated application.

5. Aboriginal Consultation

The Aboriginal Consultation Report Addendum, found in **Appendix B**, describes consultation activities with First Nation and Métis communities since the submission of the *Final Consultation Report – Jericho Wind Energy Centre (AECOM, February 2013)* on February 15, 2013. Consultation has been ongoing throughout the Project planning process, and is conducted in accordance with the following principles:

- 1. Fostering a collaborative working relationship with potentially impacted First Nation and Métis communities as early as practicable;
- 2. Understanding and recognizing applicable aboriginal and treaty rights and interests;
- 3. Understanding and respecting the cultural integrity of First Nation and Métis communities potentially impacted by the Project;
- 4. Fulfilling all delegated obligations to consult and (where applicable) accommodate First Nation and Métis communities; and,
- 5. Being open to discuss a broader relationship with potentially impacted First Nation and Métis communities and host First Nation and Métis communities.

The following Aboriginal communities were identified by the Director of the Ministry of the Environment and were engaged in consultation initiatives:

- Chippewas of Kettle and Stony Point Kettle Point 44
- Chippewas of Aamjiwnaang First Nation
- Chippewas of the Thames First Nation
- Walpole Island First Nation
- Oneida Nation of the Thames
- Munsee-Delaware First Nation
- Moravian of the Thames Delaware First Nation

Additional communities were also included in the consultation by NextEra based on information received from those First Nation and Métis communities. These communities were:

- Oneida Council of Chiefs (as a traditional council within the Haudenosaunee Confederacy Chiefs Council), c/o Haudenosaunee Development Institute;
- Six Nations of the Grand River (referred to as Six Nations Elected Council);
- Six Nations Confederacy Council (referred to as Haudenosaunee Confederacy Chiefs Council), c/o Haudenosaunee Development Institute; and,
- Historic Saugeen Métis .

The results of the consultation program indicate there will be no impacts to Aboriginal or treaty rights, if the Project is approved and implemented with the mitigation measures outlined in the reports and studies that have been submitted in accordance with *O.Reg. 359/09*. Jericho has complied with all requirements to provide notices and information as set out in Ontario Regulation 359/09 to Aboriginal Communities and evidence of such compliance can also be found in **Appendix B**.

6. Municipal Consultation

The following section details consultation efforts with the Municipalities of Lambton Shores and North Middlesex, the Township of Warwick and Lambton and Middlesex Counties. Table 6-1 provides details of key municipal consultation activities since the submission of the *Final Consultation Report – Jericho Wind Energy Centre (AECOM, February 2013)* on February 15, 2013, while **Appendix D** provides copies of correspondence and the municipal consultation form provided to the municipalities.

The Municipality of Lambton Shores provided a completed MCF on June 12, 2013 to which Jericho responded on August 27, 2013. The Township of Warwick submitted a completed MCF on July 18, 2013 and Jericho has provided the requested deposits outlined in the MCF to begin municipal review and permitting for the Project. Subsequent meetings with Warwick staff and consultants have advanced the municipal review of the Project as per the MCF comments. Copies of the correspondence related to the MCFs are provided in **Appendix D**.

6.1 Distribution of Draft Documents for Review – Municipal

The draft REA Revision Reports were provided to the Municipality of Lambton Shores, Township of Warwick and Lambton County in addition to the Municipality of North Middlesex and Middlesex County on September 30, 3013. The following documents were provided for municipal and public review prior to the Additional Public Meetings:

- One hard copy of the following REA Revision Reports:
 - Project Description Report
 - Construction Plan Report
 - Design and Operations Report (including Noise Assessment Report)
 - Decommissioning Plan Report
 - Wind Turbine Specification Report
 - Natural Heritage Assessment Report
 - Water Assessment and Water Body Report
 - Heritage Assessment Report
 - Stage 1 and 2 Archaeological Assessment Reports

Appendix D1 contains the cover letters for the distribution of these reports.

6.2 Summary of Key Municipal Correspondence

The following table presents a summary of meetings held with, and correspondence received from, the municipalities engaged in the Project.

Table 6-1	Summary of Munici	pal Correspondence	Since February 15, 2013
	•••••••••••••••••••••••••••••••••••••••	pai eenteepenaenee	

Date	Description of Consultation	Follow-up/Response
Lambton Shores		
February 20, 2013	 Jericho met with the Municipality to discuss municipal drain crossings. 	 Jericho continues to coordinate locates with the drainage superintendent.
March 19, 2013	 Jericho met with Lambton and Middlesex County, and the Municipality of Lambton Shores and the Township of Warwick regarding the transmission and collection line routes and a Project update. 	 Jericho continues to coordinate transmission line pole locates with staff.

Date	Description of Consultation	Follow-up/Response
April 4, 2013	 Lambton Shores thanked Jericho for providing a copy of the Consultation Report; indicated a report would be presented to council on April 22 regarding municipal comments and the comments would be provided to Jericho if approved. 	 On April 4, 2013, Jericho offered assistance should further information be required in the meantime.
April 23, 2013	• Jericho inquired about how the discussion on the Municipal Consultation Form (MCF) went at the April 22 meeting.	• On April 26, 2013 , the Municipality replied that the conversation will be tabled until May 16.
May 9, 2013	 Jericho provided the draft Community Vibrancy Fund (CVF) and Road Use Agreement (RUA) for review. 	 Jericho continued to follow up with the Municipality on the status of the MCF, CVF and RUA.
May 14, 2013	 Jericho met with the Municipality to discuss municipal drain crossings. 	 Jericho continued to coordinate locates with the drainage superintendent.
June 11, 2013	Jericho inquired about the status of the MCF.	• The Municipality provided Jericho with a completed MCF on June 12, 2013 .
June 18, 2013	 Jericho met with the Municipality to discuss municipal drain crossings. 	 Jericho finalized many of the drain co-ordinates and submitted the necessary drainage act application forms. All required drainage applications were submitted on September 17, 2013.
June 24, 2013	 Jericho inquired about the status of the RUA and CVF. 	 Lambton Shores responded on June 24, 2013 that they have not yet reviewed the RUA or CVF.
June 27, 2013	• Jericho inquired about the timeline for the review for the RUA and CVF.	• Lambton Shores indicated they would discuss the timing of the review with senior staff on June 27, 2013 .
July 15, 2013	 Jericho followed up with Lambton Shores regarding the review of the RUA and CVF. Jericho also requested a meeting with Lambton Shores in August. 	• Jericho continues to contact Lambton Shores regarding the status of the RUA, CVF and civil engineering.
July 18, 2013	 Jericho advised Lambton Shores that the MOE deemed the Jericho REA application complete and they could contact Jericho if they had any questions. 	 For information purposes only, no response required.
August 27, 2013	Jericho provided a response to the completed MCF.	 Jericho continues to contact Lambton Shores regarding matters addressed in the MCF.
August 28, 2013	 Jericho requested to set up a meeting with Lambton Shores regarding CVR and RUA. 	• Lambton Shores responded on August 29, 2013 that they would be willing to set up a meeting in September.
August 30, 2013	Jericho contacted Lambton Shores staff to discuss Conservation Authority permits and entrance permits.	Conservation Authority permits and entrance permits were discussed at the September 17, 2013 meeting.
September 9, 2013	 Lambton Shores informed Jericho that a drainage engineer was appointed by council on September 5, 2013. 	The drainage engineer continues to process the Drainage Act applications.
September 17, 2013	 Jericho met with Lambton Shores staff to discuss municipal permitting, including municipal drain crossings, electrical infrastructure within the municipal right-of-way, building permits, entrance permits, the RUA, and the 	 Jericho provided Lambton Shores with contact information for Jericho's legal counsel to discuss the RUA on September 18, 2013. Jericho provided sample legal and engineering invoices on
	CVF. At the meeting, Lambton Shores outlined procedures for the costs of engineering and legal review.	September 19, 2013.
September 25, 2013	 Jericho inquired as to the status of sample invoices for legal and engineering review for the RUA, CVF and civil engineering. 	• Jericho continues to contact Lambton Shores regarding the status of the RUA, CVF and civil engineering. As of October 11, 2013 , Lambton Shore was reviewing legal and engineering sample invoices.
Township of Warw	1	
February 28, 2013	 Jericho provided meeting minutes from a meeting on February 6, 2013. 	• On March 4, 2013 , the Township confirmed the meeting minutes and indicated they require: a sample road user agreement; further detail in order for the Township to identify relevant drains; cost recovery for engineering review; and, a copy of the Municipal Consultation Form.
March 15, 2013	Jericho re-sent the Municipal Consultation Form to the Township.	• On March 15, 2013, the Township acknowledged receipt of the Municipal Consultation Form.
March 19, 2013	 Jericho met with Lambton and Middlesex County, and the Municipality of Lambton Shores and the Township of Warwick regarding the transmission and collection line routes and a Project update. 	
April 4, 2013	• Jericho followed up with the Township to confirm the next steps for completing the Municipal Consultation Form.	See row below for the Township's response.

Date	Description of Consultation	Follow-up/Response
April 8, 2013	 Jericho followed up with the Township to confirm when a completed Municipal Consultation Form could be expected. 	• On April 9, 2013 , the Township replied they are waiting to receive a copy of a road user and drainage agreement and information on cost recovery.
April 15, 2013	 Jericho responded to a question from the Township regarding any upcoming public meetings. Jericho confirmed that no further meetings were scheduled for the Jericho Project; however, Jericho is always open to receiving comments from the public. Jericho inquired about the status of the Municipal Consultation Form. 	 On April 15, 2013, the Township replied that a staff report was going to Council on wind energy projects. The Township will begin to draft the Municipal Consultation Form based on the direction from Council at the meeting.
April 26, 2013	 Jericho provided draft Emergency Action Plan (EAP) to the Township for review. 	• The Township is reviewing the EAP. Jericho continues to follow up with the Township to address any comments.
May 9, 2013	 Jericho provided the draft RUA and CVF for review. 	 The Township is reviewing the RUA and CVF. Jericho continues to follow up with the Township to address any comments. The Township indicated they would likely address the MCF after Jericho appears as a delegation to Council on June 26, 2013.
June 26, 2013	 Jericho updated the Township's Council Delegation on the Project. 	• Jericho was instructed to wait for the MCF to determine the process moving forward for municipal permitting.
July 18, 2013	 Jericho advised the Township that the MOE deemed the Jericho REA application complete and they could contact Jericho if they had any questions. 	For information purposes only, no response required.
July 18, 2013	The Township provided Jericho with a completed MCF.	• Jericho has provided the requested deposits outlined in the MCF to begin municipal review and permitting for the Project. Subsequent meetings with Warwick staff and consultants have advanced the municipal review of the Project as per the MCF comments.
August 14, 2013	• Jericho met with the Township's staff to discuss municipal permitting, including municipal drain crossings the RUA, and the CVF.	 Jericho reviewed all municipal drain crossings with staff and made appropriate revisions to the engineering drawings for drain crossings.
August 29, 2013	The Township provided Jericho with an invoice for engineering review.	• Jericho provided a cheque to cover costs associated with engineering review on September 10, 2013 .
September 4, 2013	 Jericho requested confirmation from the Township that Conservation Authorities could issue permits for Conservation Authority permit applications within the municipal right-of-way. 	• The Township responded on September 24, 2013 indicating the Conservation Authority could issue permits for applications regarding the right-of-way.
September 11, 2013	 Jericho inquired about the status of the draft RUA and CVF agreements. 	• The Township responded on September 11, 2013 that they would review the agreements and follow up with Jericho.
September 20, 2013	 Jericho offered to meet with the Township on October 2, 2013 to discuss the RUA, CVF, drain permits and entrance permits. 	• The Township responded on September 24, 2013 that a staff report on the process for drainage works was going to council on October 2, 2013 and they would follow up with direction from council after the meeting.
October 4, 2013	 Jericho inquired about the outcome of the municipal drain permitting process as per the October 2, 2013 council meeting. 	• Warwick replied on October 4, 2013 that council supported the staff's recommendation to allow closed drainage crossings as drain maintenance rather than drainage improvements, which would expedite the review.
October 7, 2013	 The Township requested details on specific drain crossings from Jericho. 	• Jericho responded on October 15, 2013 and provided requested information on specific drain crossings.
Lambton County		
March 14, 2013	• Jericho followed up with the County to confirm the next steps for completing the Municipal Consultation Form.	• On March 18, 2013 , the County replied the Municipal Consultation Form could be discussed at the meeting the following day.
March 19, 2013	 Jericho met with Lambton and Middlesex County, and the Municipality of Lambton Shores and the Township of Warwick regarding the transmission and collection line routes and a Project update. 	Jericho continues to coordinate transmission line pole locates with staff.
April 8, 2013	 Jericho followed up with the County on the status of the Municipal Consultation Form. 	On April 8, 2013 , the County requested a copy of the Consultation Report.

Date	Description of Consultation	Follow-up/Response
June 4, 2013	 Jericho followed up with the County on the Status of the Municipal Consultation Form and to discuss transmission line poles on Thompson Line. 	• Jericho scheduled a meeting with the County for June 26 , 2013 to discuss the Municipal Consultation Form and transmission line poles.
June 26, 2013	 Jericho met with Lambton County staff to discuss the proposed locations for transmission line poles. 	 Jericho was instructed to await further direction from County staff on pole placements as a result of potential road widening.
July 3, 2013	 Jericho provided Lambton County with the draft RUA for review and consideration. 	• Jericho continues to follow up with Lambton County about the status of the review.
July 15, 2013	• Jericho inquired as to the status of the review of the draft RUA and MCF.	the status of the review.
July 18, 2013	 Jericho advised Lambton County that the MOE deemed the Jericho REA application complete and they could contact Jericho if they had any questions. 	For information purposes only, no response required.
July 19, 2013	 Jericho requested a cross-section of Thomson Road widening. 	 Lambton County provided the cross section on July 19, 2013.
August 2, 2013	• Jericho inquired as to the status of the review of the draft RUA and MCF.	• Lambton County responded on August 2, 2013 that they are still reviewing the draft RUA and MCF.
September 9, 2013	requested an update on the RUA and MCF.	• Lambton County replied on September 11, 2013 that they would be available to meet on October 2, 2013.
September 24, 2013	 Jericho requested confirmation from Lambton County that Conservation Authorities could issue permits for Conservation Authority permit applications within the County right-of-way. 	 Jericho continues to follow up with Lambton County regarding Conservation Authority permits.
October 2, 2013	 Jericho met with Lambton County staff to discuss the proposed locations for transmission line poles and status of RUA. 	 Jericho informed the County of proposed pole locations and provided an example of the executed RUA for Middlesex County on October 3, 2013. A revised draft RUA with specific language for Lambton County was provided on October 17, 2013.
Municipality of Nor	th Middlesex	
March 13, 2013	 Jericho followed up with the Municipality to confirm the next steps for completing the Municipal Consultation Form 	 North Middlesex staff has verbally communicated that because the only portion of the Project in the Municipality is the transmission line within the County right-of-way, they have no concerns regarding the Jericho Wind Energy Project. Jericho continues to follow up with the Municipality regarding the Municipal Consultation Form.
July 18, 2013	 Jericho advised North Middlesex that the MOE deemed the Jericho REA application complete and they could contact Jericho if they had any questions. 	For information purposes only, no response required.
Middlesex County		
March 14, 2013	 Jericho followed up with the County to confirm the next steps for completing the Municipal Consultation Form. 	See April 9, 2013 column below.
March 19, 2013	 Jericho met with Lambton and Middlesex County, and the Municipality of Lambton Shores and the Township of Warwick regarding the transmission and collection line routes and a Project update. 	See April 9, 2013 column below.
April 9, 2013	 Jericho followed up with the County on the status of the Municipal Consultation Form. 	 On April 9, 2013, the County confirmed the engineering comments would be the same as those provided for NextEra's Adelaide and Bornish project and they would confirm if there were any additional planning considerations. The Planning department confirmed there were no land use planning approvals required and they had no further comments.
June 17, 2013	Jericho provided the draft RUA for review.	• The County is reviewing the RUA. Jericho continues to follow up with the County to address any comments.
June 19, 2013	Jericho inquired about the status of the MCF.	See August 2, 2013 response below.
July 15, 2013	Jericho inquired about the status of the MCF.	See August 2, 2013 response below.

Date	Description of Consultation	Follow-up/Response
July 18, 2013	• Jericho advised Middlesex County that the MOE deemed the Jericho REA application complete and they could contact Jericho if they had any questions.	 For information purposes only, no response required.
August 2, 2013	Jericho inquired about the status of the MCF.	• Middlesex County responded on August 2, 2013 that they would look into the MCF.
September 30, 2013	 Jericho met with Middlesex County to discuss the RUA and Leave to Construct for the transmission line. 	• Jericho met with Middlesex County on-site to review the placement of transmission line poles on October 2, 2013 .
October 16, 2013	 Jericho provided Middlesex County with updated RUA based on approved RUAs for other NextEra projects. 	 Jericho continues to follow up on the status of Middlesex County's review.

7. Consideration of Stakeholder Input

Jericho maintained ongoing communication with members of the public, local municipalities, Aboriginal communities and government agencies throughout the Project planning process, as documented above and in the associated appendices to this report.

The majority of comments received throughout the Project planning process were general comments or concerns relating to matters surrounding wind energy. Jericho responded to these questions and concerns directly via email, written letters, through conversations at public meetings, or individual meetings. The following table outlines Jericho's consideration of stakeholder comments received. Comments were considered throughout the planning process to minimize any predicted or perceived effects.

Jericho is committed to continuing open dialogue with Project stakeholders throughout all phases of the Project and will address concerns if they arise.

Comment Received	Project Response
Infrastructure Siting Preferences Based on Landowner Feedback	• Jericho continuously met with landowners hosting Project infrastructure since the submission of the February 15, 2013 REA application. Several Project modifications have been proposed in response to consultation with landowners. These proposed modifications best suit landowner preferences for minimizing disturbance on their properties, while meeting or exceeding the requirements in accordance with <i>O.Reg. 359/09</i> , Jericho has worked closely with each landowner to abide by their preferences, as much as feasible.
Location of Turbines in Proximity to Tundra Swan Habitat	 Jericho consulted with MNR to avoid potential effects to Tundra Swans through the turbine siting process and the application of mitigation measures and monitoring. MNR identifies a 100 m to 300 m buffer around Tundra Swan stopover and staging habitat (the extent of the buffer is determined on a site-specific basis, depending on factors including local site conditions and adjacent land use) in which no turbines can be sited. Jericho confirmed that no turbines are sited within this buffer zone.
Location of Access Roads within Floodplain Areas	• Jericho consulted with Ausable Bayfield Conservation Authority and the St. Clair Region Conservation Authority regarding the location of turbines and other infrastructure within the respective floodplains. Both conservation authorities requested that turbines and access roads within the floodplain be set back from watercourses. As a result, Jericho relocated access roads within the floodplain away from watercourses where possible.
Archaeological Considerations	 Many of the Project modifications are proposed to minimize impacts on archaeological resources. After the submission of the February 15, 2013 REA application, Jericho took the initiative of shifting Project components in the vicinity of significant archaeological sites in order to reduce potential impacts.



Appendix A

Public Consultation

Appendix A1.	Notice of Posting to the Environmental Registry
Appendix A2.	Fall 2013 Newsletter
Appendix A3.	Additional Public Meetings – Township of Warwick, Municipalities of North Middlesex and Lambton Shores
Appendix A4.	Additional Public Comments



Appendix A1.

Notice of Posting to the Environmental Registry



NOTICE OF POSTING TO THE ENVIRONMENTAL REGISTRY Regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Jericho Wind Energy Centre

Project Location: Municipality of Lambton Shores and the Township of Warwick, in Lambton County, Ontario and in the Municipality of North Middlesex, in Middlesex County, Ontario

Dated at Lambton and Middlesex Counties this July 24, 2013

Jericho Wind, Inc., (a wholly owned subsidiary of NextEra Energy Canada, ULC) is planning to engage in a renewable energy project of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the Environmental Protection Act (Act) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice is being distributed in response to the Ministry of the Environment (MOE) accepting the application for a renewable energy approval submitted to the MOE by Jericho Wind, Inc. The MOE has screened the submission according to the requirements set out in the Regulation and the application has been deemed complete. The MOE will now begin a technical review of the submission.

Project Description: Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Facility. If approved, this facility would have a total maximum name plate capacity of 150-megawatts (MW). Please refer to **Figure 1** for the proposed location of the turbines, the substation in addition to the electrical transmission line study area.

Filing of Application for a Renewable Energy Application

A proposal for an approval in respect of this renewable energy project has been posted on the Environmental Registry referred to in Section 5 of the Environmental Bill of Rights, 1993. Comments in respect of the proposal may be submitted to the Director through the Environmental Registry which can be found at: <u>www.ebr.gov.on.ca</u>. The posting number for the application is 011-9647. Comments will be accepted for a period of 45 days from the time of posting until August 31, 2013.

Documents for Public Inspection:

The Project Description Report titled "Project Description Report – Jericho Wind Energy Centre" describes the project as consisting of 97 wind turbines (however, only approximately 92 will be constructed), turbine access roads, pad-mounted stepup transformers, an operations and maintenance building, meteorological towers, construction staging areas and electrical collector lines in the Wind Energy Centre Study Area and an overhead 115 kV transmission line from the proposed Jericho Transformer Substation to the proposed Bornish Switchyard and continuing to the proposed Parkhill Transformer Substation.

Jericho Wind, Inc. has prepared the following supporting documents in order to comply with the requirements of the Act and Regulation: Project Description Report; Construction Plan Report; Consultation Report; Design and Operations Report; Decommissioning Plan Report; Wind Turbine Specifications Report; Natural Heritage Assessment Report; Water Assessment and Water Body Report; Stage 1 and 2 Archaeological Assessment Reports; Heritage Assessment Report; and Noise Study Report. These documents were made available for public inspection starting on July 18, 2013 at <u>www.NextEraEnergyCanada.com</u> and at the Municipality of Lambton Shores, Township of Warwick, Lambton County, Municipality of North Middlesex and Middlesex County municipal offices on July 22, 2013.

Municipality of Lambton Shores 7883 Amtelecom Parkway, Forest, ON

Township of Warwick 6332 Nauvoo Road, Watford, ON

Municipality of North Middlesex 229 Parkhill Main Street, Parkhill, ON Lambton County 789 Broadway Street, Wyoming, ON

Middlesex County 399 Ridout Street North, London, ON

Project Contact and Information:

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

Derek Dudek, Community Relations Consultant

NextEra Energy Canada, ULC 390 Bay Street, Suite 1720 Toronto, ON M5H 2Y2

Toll-free Project Line: 1-877-257-7330

Project E-mail: Jericho.Wind@NextEraEnergy.com

Website: www.NextEraEnergyCanada.com

Figure 1: Jericho Wind Energy Centre Project Layout





Appendix A2.

Fall 2013 Newsletter

NEXTERA IN THE COMMUNITY: SUPPORTING INDIGENOUS EDUCATION



(left to right: Cassandra Bowers, NextEra; Roberta Jamieson, Indspire; Ben Greenhouse, NextEra)

NEXTERA ENERGY CANADA IN THE COMMUNITY

NextEra Energy Canada was proud to support, and meet members of the community at the Jim Walsh Memorial slo-pitch tournament at the Parkhill Optimist Club. Proceeds raised from the tournament support the Trillium Childhood Cancer Support Centre which offers and promotes recreational experiences to bring children with cancer from all over Ontario and their families together.

2013 Joselen Hernande: NextEra Energy

Dear Joselen

On behalf of all of the Committee, staff and volunteers of the Jim Walsh Memorial Slo-Pitch Tournament, thank you for your remarkable support. With your Slo-Pitch Tournament, thank you for your remarkable support. With your dedicated participation we surpassed our goal of \$5,000 and raised just under \$10,000 for Camp Trillium! Your valuable contribution enhanced the tournament and helped make it a tremendous success. The proceeds raised at the Jim Walsh Memorial Slo-Pitch Tournament go directly to Camp Trillium. Trillium Childhood Cancer Support Centre offers and promotes recreational experiences to bring children with cancer and their families together. The Trillium Centre provides an environment that normalizes relationships and expresses beliene okilden and environment that normalizes relationships and experiences, helping children and their families in the healing process and enhancing their quality of life.

Thank you again for your generous donation and support. We could not have done it without you!



RECENT RENEWABLE ENERGY NEWS

ONTARIO'S GREEN ENERGY ACT CELEBRATED ITS FOURTH BIRTHDAY IN MAY 2013.

In a recent Toronto Star article, Gillian McEachern, campaigns director for Environmental Defence and Kris Stevens, executive director of the Ontario Sustainable Energy Association, share the many reasons to celebrate the Green Energy Act.

Since the Act's introduction, approximately 4,500 megawatts of capacity from wind, solar, hydro and bioenergy have come onto the grid. In that time over 31,000 jobs have been created in the renewable energy industry, and by 2014, Ontario will be the first jurisdiction in the world to have eliminated coal-fired electricity. The Act has set Ontario up as a leader in the global renewable energy sector and both McEachern

and Stevens encourage Canadians to demonstrate our commitment to continuing to do so in the long-term.

For the full article, type the following address into your web browser: www.thestar.com/ opinion/commentary/2013/05/28/happy_ birthday_to_the_green_energy_and_green_ economy act.html.

COUNTING THE HEALTH COSTS OF ENERGY GENERATION

A recent letter to the editor from the Asthma Society discusses renewable energy, including wind and solar, as safe and healthy alternatives to fossil fuels. Rob Oliphant, President and CEO, indicates that there have been approximately 6,000 hospital admissions

in Canada as a result of exposure to air pollution since last July. He goes on to state that lack of activity in addressing air pollution issues will cost the Canadian healthcare system \$250 billion by 2031, and that progress is needed to continue removing coal-fired plants from the grid. The Society views renewable energy as a solution that not only helps to reduce air pollution, but also the negative health impacts that result from air pollution - and this, Oliphant says will help to reduce the long-term costs to the system.

Printed in papers including the Brantford Expositor and Woodstock Sentinel, the full article is available online at: www.thestar.com/ opinion/commentary/2013/04/10/counting_ the_health_costs_of_energy_generation. html.

Jericho ID ENFRGY CFNTRF NEWS

VOL. 4



WELCOME

NextEra Energy Canada is committed to engaging with the community and to sharing information - about our projects, and the renewable energy industry. We're pleased to announce that we now have two new avenues through which to communicate! To learn more about us, and the industry, we encourage you to visit us on Facebook (profile name: NextEra Energy Canada) or follow us on Twitter at twitter.com/nexteracanada.

Within this newsletter, you will find the latest updates for the Jericho Wind Energy Centre as well as information that aims to answer some of the questions we frequently receive from the community

As always, your voice counts and your opinion matters. We encourage you to contact us directly with your questions or concerns at the number or email address provided below.

Kind regards,

Ross Groffman Director Jericho Wind Energy Centre

CONTACT US

• EMAIL:

For more information or to contact us directly:

- CALL OUR TOLL-FREE NUMBER: 1.877.257.7330
- WRITE TO: Toronto, ON M5H 2Y2
- Jericho.Wind@NextEraEnergy.com • VISIT OUR WEBSITE:

www.NextEraEnergyCanada.com/projects/jericho.shtml

: NextEra Energy Canada



NextEra Energy Canada, ULC 390 Bay Street, Suite 1720

: @nexteracanada

IN THIS EDITION

- Welcome
- About NextEra Energy Canada
- NextEra helps bald eagles nest in Haldimand County
- Project update
- Site manager profile
- Conestogo dedication
- Frequently asked questions
- NextEra in the community: supporting indigenous education
- NextEra Energy Canada in the community
- Recent renewable energy news

ABOUT NEXTERA ENERGY CANADA

- Jericho Wind, Inc. is the owner of the Jericho Wind Energy Centre and a subsidiary of NextEra Energy Canada, ULC.
- NextEra Energy Canada, ULC is a subsidiary of NextEra Energy Resources, LLC, the largest generator of energy from the wind and sun in North America.
- NextEra Energy Resources currently operates 100 wind projects in 4 provinces and 19 states with over 10,000 megawatts of wind generation.
- NextEra Energy Resources is focused on developing clean, renewable energy. Approximately 95 per cent of our electricity comes from clean or renewable sources.



We value your privacy. Information will be collected and used in accordance with the Freedom of Information and Protection of Privacy Act, and will be maintained on file for use during the planning process for the proposed wind centres.

PAGE 3

EAGLET HATCHES AT SUMMERHAVEN NEST

In December 2012, a newly-built active eagle's nest was discovered in a tree that was scheduled to be removed because it was located immediately adjacent to a proposed wind turbine at the Summerhaven Wind Energy Centre. The new nest was found after more than three years of extensive bird monitoring within the project area had been completed, and after project construction had commenced. After consultation and approval from the Ontario Ministry of Natural Resources (MNR), the tree and nest were removed in early January to eliminate a potential hazard to eagles that might utilize the nest, and to give the eagles time to build a new nest or find another prior to their breeding season.





From early January 2013 through late February 2013, a team of experts installed three eagle platforms near the Lake Erie shoreline. Shortly after its installation, a pair of Bald Eagles were observed sitting in one of the constructed nests. During July and August 2013 monitoring, two adult Bald Eagles and one eaglet (now fullsize) were observed on the nest platform and flying from the host tree to a nearby snag.

NextEra Energy Canada would like to thank the team who advised us and constructed the nests, the hosts of the new nests, and Ontario's Ministry of Natural Resources who helped ensure our actions provided a net benefit to the local eagle community.



PROJECT UPDATE

On February 6, 7, and 8, 2013, NextEra Energy

meetings under the Renewable Energy Approval

Centre, providing community members with the

as well as the final proposed project layout and

provide comments to be included in the Public

Consultation Report. We were pleased to have approximately 142 members of the community

attend and participate in the meetings. Within

some of the most frequently asked questions at

this newsletter, you will find the answers to

The Renewable Energy Approval (REA)

application for the Jericho Wind Energy

Centre was submitted to the Ministry of the

of biological, ecological and archaeological

studies, all of which can be found on our

projects/Jericho.shtml.

Environment (MOE) in February of 2013. The

application included the results from a number

website at: www.nexteraenergycanada.com/

the meetings.

opportunity to review the REA report findings

Canada hosted the final public consultation

(REA) process for the Jericho Wind Energy

(NextEra's Summerhaven Wind Energy Centre)

SITE MANAGER PROFILE – RAY DEWAEPENAERE



WHAT IS YOUR ROLE AT NEXTERA?

I am the Site Manager at NextEra's Conestogo and Summerhaven Wind Energy Centres. My priority is to ensure that the day-to-day operations of the site are performed in the safest manner possible, not only for the teams at Conestogo and Summerhaven but also for all contractors and members of the community.

HOW LONG HAVE YOU WORKED IN THE RENEWABLE ENERGY INDUSTRY?

I began working with NextEra Energy Canada in December 2009 and have been fortunate to work with them in several operational capacities. I have been living and working in Ontario since May 2013 and prior to that, was the Associate Site Manager at NextEra's Pubnico Point Wind Centre in Nova Scotia. Before joining the renewable energy industry, I spent 20 years with the Canadian Navy in the Combat Systems Engineering Department and hold a certificate as an Electro-Mechanical Engineering Technician.

OUTSIDE OF YOUR SITE MANAGER ROLE. WHAT IS YOUR ROLE IN THE COMMUNITY?

I live near the Summerhaven site and look forward to meeting many of my neighbours and members of the community. I like to reach out and talk to people through various forms

- on the street, at open house meetings, and at community liaison meetings. In speaking with members of the community, I have heard a lot positive feedback about the wind energy industry and am encouraged to continue sharing balanced information so people can make their own informed opinion. To date, I have attended several Community Liaison Committee and Six Nations of the Grand River First Nation meetings in Ontario and look forward to future community involvement

WHAT TYPE OF ACTIVITIES KEEP YOU **BUSY IN YOUR SPARE TIME?**

I enjoy remodeling homes, woodworking, and spending time with my wife. I look forward to getting to know my new neighbourhood and participating in local events.

CONESTOGO DEDICATION

NextEra Energy Canada is proud to announce that our Conestogo Wind Energy Centre, our first wind energy centre in Ontario, became operational in December 2012. On May 28, 2013, we hosted a dedication ceremony for the project and were pleased to host local officials, landowners and community members. This project was key in helping NextEra Energy Resources, our parent company, reach 10,000-megawatts of wind energy

installed in its portfolio. We are proud of this achievement and extremely pleased with the safe and reliable operations of this project. We look forward to similar events for other Ontario projects.

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FREQUENTLY ASKED QUESTIONS

WHAT IMPACT DO THE RECENT FIT **CHANGES HAVE ON NEXTERA PROJECTS?**

The Feed-in Tariff (FIT) program, created by the Ontario Power Authority (OPA), encourages the development of

and investment in renewable energy projects, such as wind, solar, hydro and bioenergy projects, to help build a reliable and sustainable energy system in Ontario.

While there have been recent changes to the FIT program, it is important to note that NextEra Energy Canada projects were awarded FIT contracts prior to the recent changes, and are subject to the original program requirements. NextEra Energy Canada is committed to working with the community and to meeting or exceeding all established regulations as we continue to proceed with our renewable energy projects in Ontario.

For more information on the FIT program, please visit www.fit.powerauthority.on.ca.

IS NEXTERA PROPOSING TO REMOVE AN EAGLE'S NEST AT ITS BORNISH **PROJECT IN MIDDLESEX COUNTY?**

No. NextEra Energy Canada has been conducting a number of studies in the Middlesex and Lambton area

for a number of years. Many of those studies have been conducted by a team of wildlife consultants and this team continues to monitor the area closely. As part of those studies, the team has been observing an eagle's nest near Kerwood Road at our Bornish project and that work continues today. Should the studies reveal that our proposed turbine locations interfere in any way with the eagles habitat, the location of the turbines will be adjusted accordingly so that they do not interfere with the eagle's habitat. All of our studies are being done in consultation with the Ministry of Natural Resources and the Ministry of the Environment.

the time of pre-construction. 0:

ARCHAEOLOGICAL ASSESSMENT PROCESS

Stage 1

NextEraEnergyCanada.com

Toll-Free Information: 1.877.257.7330

Jericho.Wind@NextEraEnergy.com



WHAT ARE ROAD **USE AGREEMENTS?**

NextEra Energy Canada is committed to respecting the infrastructure in the communities in which our projects are based. One way we demonstrate this commitment is by entering into Road Use Agreements with the local municipalities. The Road Use Agreements are put in place to ensure that if any damage to roads or infrastructure should occur during construction from our projects, NextEra will bear all costs associated with the repair of the road and will ensure that the road is returned to the same or better condition than it was prior to construction.

IS CONSTRUCTION IMPACTING THE MUNICIPAL DRAINAGE SYSTEM?

In some instances, construction of the project may require us to cross over, or build near, an existing drain structure. There is a formal process in place for land owner consultation and for the municipality to review and approve all construction in the vicinity of municipal drains. In this case, all improvements and replacements to the drain system, as well as related costs are incurred at NextEra's expense. With the municipality approving the design, the quality of repair is to the same condition or better than the state at

WHO IS RESPONSIBLE FOR THE **REMOVAL OF TURBINES AT** THE END OF THE CONTRACT?

At the end of the lease agreement, At the end of the facility's useful life,

Stage 2:

Jericho Wind, Inc. is responsible for and has pledged to disassemble wind turbines and wind turbine towers and return the land to its original condition.

As part of the REA permitting process, Jericho Wind, Inc. is responsible for outlining its plans should a wind turbine need to be removed. This report will be released in draft for public comment and subsequently filed with the Ministry of Environment as part of the Project's REA application.

WHAT HAPPENS DURING **ARCHAEOLOGY STUDIES?**

NextEra Energy Canada is committed to working with the communities where our projects are based and to respecting history and traditions.

Archaeological assessments are a critical component of the wind energy development process and help to inform the proper siting for wind turbines as well as ensure the protection of archaeological resources. The work done by our team of government licensed archaeologists is completed with great care and strictly complies with the Ontario government's guidelines and standards for archaeological assessments. When archaeological sites are discovered, they are either avoided or the artifacts are preserved, cataloged and stored according to government standards. In addition, we continue to work with local First Nations community members who have the opportunity to monitor the work of the archaeologists and construction teams.

Below is an outline of how the archaeological assessment process works:

Stage 3

Note: after Stage 2, the sites are often avoided rather than going on to Stage 3 and 4.



Appendix A3.

Additional Public Meetings – Township of Warwick, Municipalities of North Middlesex and Lambton Shores



NOTICE OF CHANGE TO A PROPOSAL AND NOTICE OF PUBLIC MEETINGS

Regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Jericho Wind Energy Centre

OPA Reference Number: F-002172-WIN-130-601

Project Location: the Municipality of Lambton Shores and the Township of Warwick, Lambton County, Ontario and the Municipality of North Middlesex, Middlesex County, Ontario

Dated at Lambton and Middlesex Counties this September 18, 2013

Jericho Wind, Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself are subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be distributed in accordance with Section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

This notice is being distributed at the request of the Ministry of the Environment (MOE) to advise of proposed Project modifications and to inform the public of upcoming public meetings.

Project Description: Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 4 Wind Facility. If approved, this facility would have a total maximum name plate capacity of up to 150-megawatts. The Project Description Report titled "Project Description Report – Jericho Wind Energy Centre" describes the project as consisting of 99 wind turbines (however, only approximately 92 will be constructed), turbine access roads, pad-mounted step-up transformers, an operations and maintenance building, meteorological towers, construction staging areas and electrical collector lines in the Wind Energy Centre Study Area and an overhead 115 kV transmission line from the proposed Jericho Transformer Substation to the proposed Bornish Switchyard and continuing to the proposed Parkhill Transformer Substation.

The Renewable Energy Approval (REA) Application was submitted to the MOE on February 15, 2013. Since then, modifications to the Project have been proposed; the proposed modifications are categorized as follows (see Figure 1):

- 1. Construction disturbance areas modified to reduce or eliminate impacts to archaeological resources
- 2. New infrastructure or construction disturbance areas added or changed to improve project design
- 3. Turbines removed

The purpose of the meetings is to provide residents an opportunity to review and discuss the proposed modifications. We welcome comments about our project at any time, however, only comments received on or before October 25, 2013 will be included in our Public Consultation report to the MOE. Should you wish to provide comments after this date, they can be forwarded directly to the MOE.

Public meetings will be held for the project on the following dates:

DATE: October 21, 2013	DATE: October 22, 2013	DATE: October 23, 2013
TIME: 5:00 p.m. to 8:00 p.m.	TIME: 5:00 p.m. to 8:00 p.m.	TIME: 5:00 p.m. to 8:00 p.m.
PLACE: Centennial Hall	PLACE: Legacy Recreation Centre	PLACE: Ailsa Craig Community Centre
101 Centennial Ave.	16 Allen Street	155 Annie Ada Shipley Street
Watford, ON	Thedford, ON	Ailsa Craig, ON

Addenda to the associated REA Reports will be available on September 30, 2013 for public inspection at the following municipal offices and at www.NextEraEnergyCanada.com. Written copies will also be available at the public meetings.

Municipality of Lambton Shores 7883 Amtelecom Parkway, Forest

Middlesex County 399 Ridout Street North, London Lambton County 789 Broadway Street, Wyoming Municipality of North Middlesex 229 Parkhill Main Street, Parkhill Township of Warwick 6332 Nauvoo Road, Watford

Project Contact and Information: To learn more about the project proposal or to communicate concerns, please contact: Derek Dudek, Community Relations Consultant

NextEra Energy Canada, ULC 390 Bay Street, Suite 1720 Toronto, ON M5H 2Y2

Toll-free Project Line: 1-877-257-7330 Email: Jericho.Wind@NextEraEnergy.com Website: www.NextEraEnergyCanada.com