

# **Appendix D**

## **Municipal Consultation**

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



Appendix D1. Municipal Consultation Form



Ministry of the Environment

Ce formulaire est disponible en français

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

Section 1 - Project Description

1.1 - Renewable Ene	ergy Project						
Project Name (Projec	Project Name (Project identifier to be used as a reference in correspondence)						
Jericho W:	Jericho Wind Energy Centre						
Project Location							
Same as Applicant Phys	sical Address? 🗌 Ye	s 🛛 No (If no, plea	ase provide site address info	ormation below	v)		
Civic Address- Street in	formation (includes street r	number, name, type and o	direction)		Unit Identifier	r (i.e. apartment number)	
Multiple Pr	Multiple Properties						
Survey Address (Not re-	quired if Street Information	is provided)					
Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number. Part and Reference: used to indicate location within unorganized territory, and consists of a part and a reference plan number indicating the location within that plan. Attach copy of the plan.							
Lot	Conc.		Part		Reference Plan		
Location Information (includes any additional information to clarify physical location)(e.g. municipality, ward/ township)							
Municipality of Lambton Shores and the Township of Warwick, in Lambton County, Ontario and							
in the Municipality of North Middlesex, in Middlesex County, Ontario							
Geo Reference (e.g. southwest corner of property)							
Map Datum	Zone	Accuracy Estimate	Geo Referencing Method	UTM Eastin	g	UTM Northing	
NAD83	17		GIS	420938		4761752	

Project Phasing (outline construction, operation and decommissioning activities)

Construction Phase: 2013/2014 Operation Phase: 2014 Decommissioning Phase: Estimated at 2044

#### 1.2 - Environmental Context

Describe any negative environmental effects that may result from engaging in the project (consider construction, operation and decommissioning activities.)

No significant residual effects are anticipated as a result of the Project. Note that potential effects, mitigation measures and residual effects are outlined in the various Draft REA submission reports, listed below in Section 2.1 and submitted with this form.

Propose early avoidance/prevention/mitigation concepts and measures.

A full description of mitigation measures and monitoring commitments are provided in the various Draft REA submission reports, listed below in Section 2.1 and submitted with this form.

1.3 - Renewable Energy Generation Facility					
Type of Facility / Operation (select all the	at apply & complete all appropriate section	ons)			
X Wind Facility (Land Based)		] 🗆	Biofuel Facility		
Wind Facility (Off-Shore)			Solar Photo Voltaic Facility		
Biogas Facility (Anaerobic Digesters)			Other Describe :		
Biomass Facility (Thermal Treatment)			Class (if applicable) :		
Name Plate Capacity Expected Generation			Service Area	Total Area of Site (hectares)	
up to 150 MW	up to 150 MW				
Provide a description of the facilities equipment or technology that will be used to convert the renewable energy source or any other energy source to electricity.					
Approximately 92, GE 1.6-100 MW wind turbines are proposed to be installed for a total project nameplate capacity of up to 150 MW.For further details please see the Draft Design and Operations Report submitted with this form.					

#### 1.4 – Renewable Energy Generation Activities

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

#### Section 2 – Supporting Documents

2.1 – Requirement	Name of Draft documents distributed for consultation	Date available to Municipal or Local Authority Contact	
DRAFT Project Description Report	Draft Project Description Report	November, 2012	
DRAFT Design and Operations Report	Draft Design and Operations Report	November, 2012	
DRAFT Construction Plan Report	Draft Construction Plan Report	November, 2012	
DRAFT Decommissioning Plan Report	Draft Decommissioning Plan Report	November, 2012	
List of other Documents	Draft Water Assessment and Water Body Report	November, 2012	
	Draft Wind Turbine Specification Repo	rt November, 2012	
	Cultural Heritage Assessment Report	November, 2012	
	Stage 1 and 2 Archaeological Assessme	nt Report November,	2012
	Natural Heritage Assessment Report	November, 2012	

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

### Section 3 – Applicant Address and Contact Information

3.1 - Applicant Information (Owner of project/facility)						
		as evidenced by legal documents)		Business Identification Number		
Jericho Wind	Inc, a wholly ou	vned subsidiary of	NextEra Ene	rgy <sub>818479511</sub> NP0001		
Canada, ULC	_					
Business Name (the name under which the entity is operating or trading - also referred to as trade name) X same as Applicant Name						
Civic Address- Street info	rmation (includes street number	. name. type and direction)		Unit Identifier (i.e. apartment number)		
390 Bay Street Suite 1720						
-						
Survey Address (Not required if Street Information is provided)						
Lot and Conc.: Part and Reference: used to indicate location within a subdivided township and consists of a lot number and a concession number. Part and Reference: used to indicate location within an unsubdivided township or unsurveyed territory, and part and a reference plan number indicating the location within that plan. Attach copy						
Lot	Conc.	Part Reference Plan				
Municipality	County/District	Province/State	Country	Postal Code		
Toronto		Ontario	Canada	M5H 2Y2		

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

#### Local Municipality (include each local municipality in which project location is situated) Yes No No П Clerk's Phone/Fax Name of Address Phone E-Mail Address Clerk's Name Municipality Upper Tier Municipality (include each upper tier municipality in which project location is situated) Π Yes □ No Name of Address Phone Clerk's name Clerk's Phone/Fax F-Mail Address Municipality Yes Local roads area (include each local roads area in which project location is situated) No П Name of local Address Phone Secretary-treasurer's Secretary-treasurer's E-Mail Address roads board Name Phone/Fax Board Area (include each board area in which project location is situated) П Yes No No Address Phone Secretary's E-Mail Address Name of Local Secretary's name Service Board Phone/Fax

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

#### Section 5: Consultation Requirement

 5.1 - Project Location

 Provide comment on the project location with respect to infrastructure and servicing.

 5.2 - Project Roads

 Provide comment on the proposed project's plans respecting proposed road access.

 Identify any issues and provide recommendations with respect to road access

 Provide comment on any proposed Traffic Management Plans

 Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans

 Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans

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

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

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

5.4 – Facility Other

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

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

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

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

**5.5 Project Construction** 

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

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

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

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

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

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

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



Appendix D2. Municipal Consultation Period



November 8, 2012

Stephane Thiffeault 789 Broadway Street, Wyoming, Ontario NON 1T0

#### Subject: Jericho Wind Energy Centre

Dear Mr. Thiffeault:

Jericho Wind, Inc., 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. The Project is referred to as the Jericho Wind Energy Centre (the "Project"). The wind turbine technology proposed for the Project is the GE 1.6-100 Wind Turbine. With a total nameplate capacity of up to 150 MW, the Project is categorized as a Class 4 facility. Although Jericho Wind, Inc. is seeking a Renewable Energy Approval (REA) for up to 97 wind turbines, approximately 92 are proposed to be constructed for the Project.

We are pleased to submit the enclosed REA documents and the Municipal Consultation Form, to be completed by your office. This initiates the Municipal Consultation Period under Ontario Regulation 359/09. We would be pleased to meet with you to discuss the enclosed reports and any comments you may have.

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

Sincerely,

Thomas Bird Environmental Services Project Manager

C.c. Ron VanHorne, CAO, Lambton County

Info.c.c. Ross Groffman, Director, NextEra Energy Canada Derek Dudek, NextEra Energy Canada



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

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



November 8, 2012

Carol McKenzie, Clerk Municipality of Lambton Shores 7883 Amtelecom Parkway Forest, Ontario NON 1J0

#### Subject: Jericho Wind Energy Centre

Dear Ms. McKenzie:

Jericho Wind, Inc., 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. The Project is referred to as the Jericho Wind Energy Centre (the "Project"). The wind turbine technology proposed for the Project is the GE 1.6-100 Wind Turbine. With a total nameplate capacity of up to 150 MW, the Project is categorized as a Class 4 facility. Although Jericho Wind, Inc. is seeking a Renewable Energy Approval (REA) for up to 97 wind turbines, approximately 92 are proposed to be constructed for the Project.

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Thomas Bird Environmental Services Project Manager

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November 8, 2012

Kathy Bunting, Clerk 399 Ridout Street North London, Ontario N6A 2P1

#### Subject: Jericho Wind Energy Centre

Dear Ms. Bunting:

Jericho Wind, Inc., 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. The Project is referred to as the Jericho Wind Energy Centre (the "Project"). The wind turbine technology proposed for the Project is the GE 1.6-100 Wind Turbine. With a total nameplate capacity of up to 150 MW, the Project is categorized as a Class 4 facility. Although Jericho Wind, Inc. is seeking a Renewable Energy Approval (REA) for up to 97 wind turbines, approximately 92 are proposed to be constructed for the Project.

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Thomas Bird Environmental Services Project Manager

Info.c.c. Ross Groffman, Director, NextEra Energy Canada Derek Dudek, NextEra Energy Canada



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November 8, 2012

Linda Creaghe, Clerk 229 Parkhill Main Street, Parkhill Ontario NOM 2K0

#### Subject: Jericho Wind Energy Centre

Dear Ms. Creaghe:

Jericho Wind, Inc., 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. The Project is referred to as the Jericho Wind Energy Centre (the "Project"). The wind turbine technology proposed for the Project is the GE 1.6-100 Wind Turbine. With a total nameplate capacity of up to 150 MW, the Project is categorized as a Class 4 facility. Although Jericho Wind, Inc. is seeking a Renewable Energy Approval (REA) for up to 97 wind turbines, approximately 92 are proposed to be constructed for the Project.

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November 8, 2012

Fran Woods Clerk 6332 Nauvoo Road Watford, Ontario NOM 2S0

#### Subject: Jericho Wind Energy Centre

Dear Ms. Woods:

Jericho Wind, Inc., 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. The Project is referred to as the Jericho Wind Energy Centre (the "Project"). The wind turbine technology proposed for the Project is the GE 1.6-100 Wind Turbine. With a total nameplate capacity of up to 150 MW, the Project is categorized as a Class 4 facility. Although Jericho Wind, Inc. is seeking a Renewable Energy Approval (REA) for up to 97 wind turbines, approximately 92 are proposed to be constructed for the Project.

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Appendix D3. Public Review Period



November 23, 2012

David Cribbs, Clerk 789 Broadway Street, Wyoming, Ontario NON 1T0

#### Subject: Jericho Wind Energy Centre

Dear Mr. Cribbs:

Jericho Wind, Inc., 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. The Project is referred to as the Jericho Wind Energy Centre (the "Project"). The wind turbine technology proposed for the Project is the GE 1.6-100 Wind Turbine. With a total nameplate capacity of 150 MW, the Project is categorized as a Class 4 facility. Although NextEra is seeking a Renewable Energy Approval (REA) for up to 98 wind turbines, only approximately 92 will be constructed for the Project.

NextEra is pleased to submit the enclosed DRAFT REA documents (listed below) and Plain Language Summaries. We ask that you make them available at the municipal office for public review on November 27, 2012. This initiates the Public Review Period under Ontario Regulation 359/09.

Please also find enclosed a Notice for the upcoming Public Meetings to take place at Centennial Hall, the Ailsa Craig Community Centre and Kimball Hall on February 6, 7 and 8 2013, respectively.

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

Yours very truly,

Thomas Bird, Environmental Services Project Manager

- C.c. Ron VanHorne, CAO, Lambton County
- Info. c.c. Ross Groffman, Director, NextEra Energy Canada Derek Dudek, NextEra Energy Canada



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- Two copies of the Plain Language Summaries (one to be made available to the public and one for municipal review)
- Public Meeting Notice



November 23, 2012

Carol McKenzie, Clerk Municipality of Lambton Shores 7883 Amtelecom Parkway Forest, Ontario NON 1J0

#### Subject: Jericho Wind Energy Centre

Dear Ms. McKenzie:

Jericho Wind, Inc., 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. The Project is referred to as the Jericho Wind Energy Centre (the "Project"). The wind turbine technology proposed for the Project is the GE 1.6-100 Wind Turbine. With a total nameplate capacity of 150 MW, the Project is categorized as a Class 4 facility. Although NextEra is seeking a Renewable Energy Approval (REA) for up to 98 wind turbines, only approximately 92 will be constructed for the Project.

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Yours very truly,

Thomas Bird, Environmental Services Project Manager

Info. c.c.Ross Groffman, Director, NextEra Energy CanadaDerek Dudek, NextEra Energy Canada



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November 23, 2012

Kathy Bunting, Clerk 399 Ridout Street North London, Ontario N6A 2P1

#### Subject: NextEra Energy Canada, ULC – Jericho Wind Energy Centre

Dear Ms. Bunting:

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Thomas Bird, Environmental Services Project Manager

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November 23, 2012

Linda Creaghe, Clerk 229 Parkhill Main Street, Parkhill Ontario NOM 2K0

#### Subject: NextEra Energy Canada, ULC – Jericho Wind Energy Centre

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### NEXTERA™ ENERGY CANADA

#### DELIVERED

November 23, 2012

Don Bruder, Administrator/Treasurer C/O Fran Woods 6332 Nauvoo Road Watford, Ontario NOM 2S0

#### Subject: NextEra Energy Canada, ULC – Jericho Wind Energy Centre

Dear Mr. Bruder:

Jericho Wind, Inc., 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. The Project is referred to as the Jericho Wind Energy Centre (the "Project"). The wind turbine technology proposed for the Project is the GE 1.6-100 Wind Turbine. With a total nameplate capacity of 150 MW, the Project is categorized as a Class 4 facility. Although NextEra is seeking a Renewable Energy Approval (REA) for up to 98 wind turbines, only approximately 92 will be constructed for the Project.

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Yours very truly,

Thomas Bird, Environmental Services Project Manager

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Appendix D4. Additional Municipal Comments



## Minutes

To/Attention	Attendees / File	Date	June 20, 2011
From	Derek Dudek	Project	Jericho
		Steno	dd
Subject	Meeting Summary / Next Steps - Jericho Wind Energy Centre Lambton County Administration Offices May 9, 2011 - 9am		
Present	Jim Kutyba, Dave Posliff, Jason Cole, Corinne Nauta (Lambton County) Derek Dudek, Tom VonBische (NextEra)		
Distribution	Lambton County File		

Item Discussed	Action By
<ol> <li>NextEra provided background on company and project (see ppt slideshow) including description of possible use of County ROW's for overhead transmission lines.</li> </ol>	none
<ol> <li>County noted concerns over the use of certain ROW's due to some being more heavily used by existing utilities / infrastructure. In general any infrastructure would have to be located at the edge of the ROW as far as possible from the travelled road portion</li> </ol>	NextEra
<ol> <li>County noted interest in transportation plan as past project deliveries had caused traffic issues based on lack of knowledge of existing road situations (ie. Turnabouts, narrow turning radii, etc)</li> </ol>	NextEra
<ol> <li>County noted there was a standard process through Infrastructure and Development Services where any driveway entrance permits would be required along County Roads</li> </ol>	NextEra
<ol> <li>NextEra would provide more information when the specific technology (ie. Turbine) to be used was available</li> </ol>	NextEra
<ol> <li>County provided information on suitable interest groups to contact with respect to future consultation (Sarnia-Lambton Chamber, Lambton Economic Development, Rural Lambton Stewardship, Lambton Wildlife, Carolinian Canada)</li> </ol>	NextEra

From:	Chung, Olivia
Sent:	Thursday, May 12, 2011 4:02 PM
То:	'prichardson@lambtonshores.ca'
Cc:	MacKay Ward, Jessica
Subject:	FW: Natural Heritage Information Request - Jericho Wind Energy Centre
Attachments:	60155032_Fig-1_Jericho_SA.pdf

Dear Ms. Richardson,

We are undertaking the Natural Heritage Assessments for a Renewable Energy Project involving wind energy in the Municipality of Lambton Shores, Warwick and Brooke-Alvinston Townships, Lambton County, Ontario, on behalf of NextEra Energy Canada. The project will be referred to as the Jericho Wind Energy Centre. As part of the Records Review process, the MNR requires that we contact the Municipality of Lambton Shores in order to request natural heritage information relevant to the project. Specifically, we are looking for information (including GIS layers, if available) on nature features within or near (approximately 120m) our study area (*please see attached map – the Jericho study area is shown in purple*). Natural features may include the following:

Rare species	Savannahs\Sand Barrens\Tallgrass Prairies
Area of Natural and Scientific Interest (ANSI)	Alvars
Wetlands (evaluated and unevaluated)	Conservation parks/Reserves
Woodlands	Fish species and habitat
Valleylands	Watercourse thermal and flow regimes

Wildlife Habitat

We understand that your organization may not keep records on some or all of these natural features. We would appreciate a response indicating whether your organization maintains records for any of these (or other Relevant) natural features.

Please contact me or Jessica Ward (cc'd) if you have any questions or if there is someone else within your organization that we should contact for this information.

Many thanks,

Olivia Chung Environmental Engineer-In-Training <u>Olivia.Chung@aecom.com</u>

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From: Sent:	Chung, Olivia Thursday, May 12, 2011 4:05 PM
To:	'jbyrne@lambtonshores.ca'
Cc:	MacKay Ward, Jessica
Subject:	FW: Natural Heritage Information Request - Jericho Wind Energy Centre
Attachments:	60155032_Fig-1_Jericho_SA.pdf

Dear Mr. Byrne,

We are undertaking the Natural Heritage Assessments for a Renewable Energy Project involving wind energy in the Municipality of Lambton Shores, Warwick and Brooke-Alvinston Townships, Lambton County, Ontario, on behalf of NextEra Energy Canada. The project will be referred to as the Jericho Wind Energy Centre. As part of the Records Review process, the MNR requires that we contact the local roads board and local services board in order to request natural heritage information relevant to the project. Specifically, we are looking for information (including GIS layers, if available) on nature features within or near (approximately 120m) our study area (*please see attached map – the Jericho study area is shown in purple*). Natural features may include the following:

Rare species	Savannahs\Sand Barrens\Tallgrass Prairies
Area of Natural and Scientific Interest (ANSI)	Alvars
Wetlands (evaluated and unevaluated)	Conservation parks/Reserves
Woodlands	Fish species and habitat
Valleylands	Watercourse thermal and flow regimes

Wildlife Habitat

We understand that your organization may not keep records on some or all of these natural features. We would appreciate a response indicating whether your organization maintains records for any of these (or other Relevant) natural features.

Please contact me or Jessica Ward (cc'd) if you have any questions or if there is someone else within your organization that we should contact for this information.

Many thanks,

Olivia Chung Environmental Engineer-In-Training <u>Olivia.Chung@aecom.com</u>

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From:	Chung, Olivia
Sent:	Thursday, May 12, 2011 4:16 PM
То:	'dave.posliff@county-lambton.on.ca'
Cc:	MacKay Ward, Jessica
Subject:	Natural Heritage Information Request - Jericho Wind Energy Centre
Attachments:	60155032_Fig-1_Jericho_SA.pdf

Dear Mr. Posliff,

We are undertaking the Natural Heritage Assessments for a Renewable Energy Project involving wind energy in the Municipality of Lambton Shores, Warwick and Brooke-Alvinston Townships, Lambton County, Ontario, on behalf of NextEra Energy Canada. The project will be referred to as the Jericho Wind Energy Centre. As part of the Records Review process, the MNR requires that we contact the County of Lambton in order to request natural heritage information relevant to the project. Specifically, we are looking for information (including GIS layers, if available) on nature features within or near (approximately 120m) our study area (*please see attached map – the Jericho study area is shown in purple*). Natural features may include the following:

Rare species	Savannahs\Sand Barrens\Tallgrass Prairies
Area of Natural and Scientific Interest (ANSI)	Alvars
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Wildlife Habitat

We understand that your organization may not keep records on some or all of these natural features. We would appreciate a response indicating whether your organization maintains records for any of these (or other Relevant) natural features.

Please contact me or Jessica Ward (cc'd) if you have any questions or if there is someone else within your organization that we should contact for this information.

Many thanks,

Olivia Chung Environmental Engineer-In-Training Olivia.Chung@aecom.com

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From:	Chung, Olivia
Sent:	Thursday, May 12, 2011 4:23 PM
То:	'frank.garardo@county-lambton.on.ca'
Cc:	MacKay Ward, Jessica
Subject:	Natural Heritage Information Request - Jericho Wind Energy Centre
Attachments:	60155032_Fig-1_Jericho_SA.pdf

Dear Mr. Garardo,

We are undertaking the Natural Heritage Assessments for a Renewable Energy Project involving wind energy in the Municipality of Lambton Shores, Warwick and Brooke-Alvinston Townships, Lambton County, Ontario, on behalf of NextEra Energy Canada. The project will be referred to as the Jericho Wind Energy Centre. As part of the Records Review process, the MNR requires that we contact the Township of Warwick in order to request natural heritage information relevant to the project. Specifically, we are looking for information (including GIS layers, if available) on nature features within or near (approximately 120m) our study area (*please see attached map – the Jericho study area is shown in purple*). Natural features may include the following:

Rare species	Savannahs\Sand Barrens\Tallgrass Prairies
Area of Natural and Scientific Interest (ANSI)	Alvars
Wetlands (evaluated and unevaluated)	Conservation parks/Reserves
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Valleylands	Watercourse thermal and flow regimes

Wildlife Habitat

We understand that your organization may not keep records on some or all of these natural features. We would appreciate a response indicating whether your organization maintains records for any of these (or other Relevant) natural features.

Please contact me or Jessica Ward (cc'd) if you have any questions or if there is someone else within your organization that we should contact for this information.

Many thanks,

Olivia Chung Environmental Engineer-In-Training <u>Olivia.Chung@aecom.com</u>

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Hi John, Patti,

I was wondering if Lambton Shores had digital shapefiles of the settlement area boundaries that we could obtain to ensure our Jericho WEC wind turbine layout does not encroach on undeveloped future growth areas.

One of the problems I have with the O Reg 359/09 is that it doesn't take into account future development areas as having potentially multiple "receptor" locations. We'd like to model our wind turbine layouts so that they do not inhibit future village growth. I have no idea at this point whether its an issue, but would rather find out now.

Having the GIS shapefiles would make it easier for us to add to our inventory. Otherwise we would just have to digitize off the existing OP land schedules.

Derek Dudek | Community Relations Consultant NextEra Energy Canada, ULC 5500 North Service Road, Burlington, ON L7L 6W6 0:905.335.4904 x18 f:905.335.5731 mobile - 519.318.0237 derek.dudek@nexteraenergy.com



## Minutes

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

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





September 12, 2011

Kathy Bunting Clerk Middlesex County 399 Ridout Street North LONDON, ON. N6A 2P1

#### Dear Ms. Bunting:

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

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

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

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

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

#### NextEra Energy Canada, ULC

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

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

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

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

We look forward to working with Middlesex County as these exciting projects progress. If you have any questions or concerns, please don't hesitate to contact Ben Greenhouse as indicated below, or Derek Dudek at 519.472.7328.

Sincerely,

NextEra Energy Canada, ULC

Ben Greenhouse

- BY: Ben Greenhouse Director, Wind Development
- cc: Nancy O'Blenes, Garrad Hassan Julia Cushing, AECOM Laura Cantave, NextEra Energy Canada Adam Camp, NextEra Energy Canada

Hello John,

Please see the attached notice for an upcoming meeting we are holding in North Middlesex that references our Jericho project in Lambton Shores. Please call me to discuss this and other outstanding matters.

Thanks,

Derek Dudek | Community Relations Consultant NextEra Energy Canada, ULC 5500 North Service Road, Burlington, ON L7L 6W6 0:905.335.4904 x18 f:905.335.5731 mobile - 519.318.0237 derek.dudek@nexteraenergy.com

From:	Dudek, Derek
To:	<u>"John Byrne"; "kbunting@middlesex.ca"; "Linda Creaghe"; "stephane.thiffeault@county-lambton.on.ca"</u>
Cc:	"Jim Kutyba"; "Durk Vanderwerff"; "ctraini@middlesex.ca"; "Jackie Tiedeman"; "prichardson@lambtonshores.ca"
Bcc:	Cantave, Laura; "Julia.Cushing@aecom.com"; Bird, Thomas
Subject:	Updated PDF and MCF
Date:	Friday, October 21, 2011 4:01:00 PM

Hello John, Linda, and Kathy, and Stephane

This email is just to provide you with a heads up that updated information with respect to our Jericho Wind Energy Centre project will be arriving shortly to each of your individual attention (as early as Monday 24th).

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

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

Both North Middlesex and Middlesex County are receiving the report because the transmission portion of the Jericho WEC is proposed to be located in North Middlesex, while Lambton Shores and Lambton County are where the wind energy centre portion of the Jericho WEC is proposed to be located.

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

Derek Dudek | Community Relations Consultant NextEra Energy Canada, ULC 5500 North Service Road, Burlington, ON L7L 6W6 0:905.335.4904 x18 f:905.335.5731 mobile - 519.318.0237 derek.dudek@nexteraenergy.com



## Minutes

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

Item Discussed	Action By
<ol> <li>County expressed concerns about the importance of renewable energ developers negotiating shared use of poles where necessary, as multi of poles on ROW's would not be supported.</li> </ol>	
<ol> <li>If a meeting is conducted with HONI to discuss matters outlined in 1. a County would like to be invited at HONI's discretion; alternatively County would offer to mediate any such meetings that occur</li> </ol>	
<ol> <li>County indicated entrance permits were standard with approx. 24 hr. turnaround time; can apply any time in advance of construction – perm available on website</li> </ol>	nits
<ol> <li>Moving permits (vehicles on County ROW's) can be applied for as the needed; deposit can be made in advance to draw funds from for timely approvals – permits available on website</li> </ol>	



February 22, 2012

Don Bruder, Administrator / Treasurer Township of Warwick 6332 Nauvoo Road Watford, ON. N0M 2S0

Dear Mayor and Members of Council:

The purpose of this letter is to provide you with an update on NextEra Energy Canada's Jericho Wind Energy Centre project.

Since our last presentation to the joint Council of Warwick / Lambton Shores in the Spring of 2011, we have signed a Feed-in-Tariff contract with the Ontario Power Authority that will enable our Jericho project to interconnect to Hydro One's 500 kV transmission system in the Municipality of North Middlesex. We have also been conducting detailed environmental studies for the Jericho project, including the potential placement of turbines in the Township of Warwick.

At this point, we are uncertain of the number of turbines that would be proposed for the Warwick portion of the Jericho project, but we will remain in close contact with Council and staff as the project progresses. In addition, we will be conducting consultation with the public and local stakeholders in the near future and over the course of the approval stage of the project. At this point, our first formal public open house for Warwick residents is planned to be held in the Spring of 2012.

NextEra Energy Canada's parent company NextEra Energy Resources is a long-term owner/operator of energy facilities with assets in 22 U.S. states and 3 Canadian provinces. Our wind energy portfolio is the largest in North America, with approximately 8,500 megawatts in operation. In addition, over 95 percent of the electricity we produce comes from clean energy sources such as wind, solar, hydroelectric, nuclear, and natural gas facilities. Our strong financial backing and commitment to sustainability and environmental leadership is well documented as illustrated on our website at <u>www.NextEraEnergyResources.com</u>.

With eight new projects under development, NextEra Energy Canada is poised to become a leader in the Ontario wind energy sector and is committed to becoming a long-term partner and business leader in each municipality in which we operate. As part of this commitment, we have proposed and/or entered into a community vibrancy fund agreement with each of our partner municipalities establishing funding for community initiatives during the operation of the project. The terms of such agreements have been formalized in our advanced stage projects, and we would be happy to discuss this in more detail with Council at a future date.

Please let us know if Council would like us to appear as a delegation to provide any further updates. We look forward to continuing work with Warwick as this exciting project progresses. If you have any questions or concerns, please don't hesitate to contact me at <u>Derek.Dudek@nexteraenergy.com</u> or directly at 519-318-0237.

Sincerely,

### NextEra Energy Canada, ULC

7-1 7-M

Derek Dudek Community Relations

cc: Julia Cushing, AECOM Ross Groffman, NextEra Energy Resources



# Jericho WEC Project Update NextEra Energy Canada, ULC

# Ross Groffman, Development Derek Dudek, Community Relations

April 2, 2012

**Proprietary & Confidential Information** 

## **Cautionary Statements And Risk Factors That May Affect Future Results**

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



The Jericho project is now part of the Bruce to Milton Transmission Area...

# **Project Update: Jericho Wind Energy Centre**

- 150 MW FIT Contract Awarded
- Complete seasonal avian surveys and bat monitoring throughout 2012
- Transmission analysis currently underway
  - POI Changed from Warwick (West of London TA) to North Middlesex (Bruce to Milton TA)



## Next Steps...

## **Proposed Project Timeline**

Task/Milestone	Timeline
Archeology and Ecological Fieldwork	Throughout 2012
Draft REA Documents Release	Fall 2012
Submission of Final REA	End of 2012
Receive REA	Summer 2013
Begin Construction	Late Summer 2013
Commercial Operation	Early 2014



The CVF is in recognition of limited funding through current MPAC taxation structure...

# **Community Vibrancy Fund Agreement**

- Financial terms (per annum) \$3500/MW nameplate capacity + \$5000/km of overhead transmission line within municipal ROW;
- Over and above municipal taxes with option to reduce/eliminate based on changes to MPAC taxation;
- Funds to be administered by Council;
- Use to include description of preferred use of funds, the right to review use of funds, and rights to community recognition;
- No reference to the Road Use Agreement, but executed concurrently;
- Term: to follow the underlying FIT Contract (ie. 20 yrs)



The CVF is in recognition of limited funding through current MPAC taxation structure...

# **Community Vibrancy Fund Agreement**

## Preferred use:

- Expenditures relating to energy sustainability (i.e. municipal renewable energy systems; vehicle fleet upgrades; building energy-efficiency upgrades; conservation programs);
- Land stewardship initiatives (i.e. habitat creation/improvement; tree planting; shoreline rehabilitation);
- Expenditures relating to development and construction of municipal recreational facilities (i.e. arenas, parks, trails);
- Expenditures for improvement of community and protective services (i.e. police, fire, EMS, healthcare);
- Expenditures related to roads and urban infrastructure;
- Expenditures related to education and job training;
- Property tax relief for residents and businesses in the community; or
- Other community-related activities sanctioned by the community;



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

## What NextEra Energy Canada Offers

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



# **Thank You!**

# NextEra Energy Canada, ULC jericho.wind@nexteraenergy.com (905) 335-4904



Hello Ms. Scott,

Thank you for hosting our delegation last night. I noticed that you mentioned you had several questions, but couldn't ask them due to time constraints.

If you'd like to pose those questions, I can canvas the team to get you a response.

Thanks,

Derek Dudek | Community Relations Consultant NextEra Energy Canada, ULC 5500 North Service Road, Burlington, ON L7L 6W6 0:905.335.4904 x18 f:905.335.5731 mobile - 519.318.0237 derek.dudek@nexteraenergy.com

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Hello Cllr Bonesteel,

Thank you for hosting our delegation yesterday evening. My apologies for not following up on this matter from our previous meeting. Please see below for a chart of the estimated total levelized costs of different forms of energy production as produced by the US Dept of Energy over the short term.

		U.S. Average Levelized Costs (2009 \$/megawatthour) for Plants Entering Service in 2016				
Plant Type	Capacity Factor (%)	Levelized Capital Cost	Fixed O&M	Variable O&M (including fuel)	Transmission Investment	Total System Levelized Cost
Conventional Coal	85	65.3	3.9	24.3	1.2	94.8
Advanced Coal	85	74.6	7.9	25.7	1.2	109.4
Advanced Coal with CCS	85	92.7	9.2	33.1	1.2	136.2
Natural Gas-fired						
Conventional Combined Cycle	87	17.5	1.9	45.6	1.2	66.1
Advanced Combined Cycle	87	17.9	1.9	42.1	1.2	63.1
Advanced CC with CCS	87	34.6	3.9	49.6	1.2	89.3
Conventional Combustion Turbine	30	45.8	3.7	71.5	3.5	124.5
Advanced Combustion Turbine	30	31.6	5.5	62.9	3.5	103.5
Advanced Nuclear	90	90.1	11.1	11.7	1.0	113.9
Wind	34	83.9	9.6	0.0	3.5	97.0
Wind – Offshore	34	209.3	28.1	0.0	5.9	243.2
Solar PV <sup>1</sup>	25	194.6	12.1	0.0	4.0	210.7
Solar Thermal	18	259.4	46.6	0.0	5.8	311.8
Geothermal	92	79.3	11.9	9.5	1.0	101.7
Biomass	83	55.3	13.7	42.3	1.3	112.5
Hydro	52	74.5	3.8	6.3	1.9	86.4

## Table 1. Estimated Levelized Cost of New Generation Resources, 2016.

<sup>1</sup>Costs are expressed in terms of net AC power available to the grid for the installed capacity.

Source: Energy Information Administration, Annual Energy Outlook 2011, December 2010, DOE/EIA-0383(2010)

Other sources for information on electricity pricing in Ontario include: Ontario's Long-Term Energy Plan - <u>http://www.mei.gov.on.ca/en/pdf/MEI\_LTEP\_en.pdf</u> Pembina Institute's Behind the Switch - <u>http://pubs.pembina.org/reports/behind-the-switch-final.pdf</u>

Please don't hesitate to contact me with any other questions. And again, sorry for the delay.

Thanks,

Derek Dudek | Community Relations Consultant NextEra Energy Canada, ULC 5500 North Service Road, Burlington, ON L7L 6W6 0:905.335.4904 x18 f:905.335.5731 mobile - 519.318.0237 derek.dudek@nexteraenergy.com

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From:Frank Garardo [frank.garardo@county-lambton.on.ca]Sent:Tuesday, May 08, 2012 12:53 PMTo:Owen, JenniferSubject:RE: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

Hi,

Please see below.

From: Peter Corbett
Sent: May 7, 2012 4:23 PM
To: Frank Garardo
Subject: RE: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

As per the request below:

Lambton Shores 20.46 % wooded Area

Warwick 11.84 % wooded Area

These numbers are approximate and somewhat un-official.... We have not to my knowledge ever arrived at an "Official" number.... I just calculated those numbers on the fly.

The St. Clair Region Conservation Authority and the Ausable Bayfield Conservation Authority may have done calculations over the years that may have resulted in more or less the same range of % Wooded Cover and may be more "Official" as those calculation were likely published.

Jennifer might want to contact the CA's and determine what numbers they have.

This is the best we can do at this time.

North Middlesex is not in our jurisdiction.

Regards,

Peter

From: Frank Garardo
Sent: Thursday, May 03, 2012 8:52 AM
To: Peter Corbett
Subject: RE: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

Hi Peter,

#### Do we provide any of this information?

From: Owen, Jennifer [mailto:Jennifer.Owen@aecom.com]
Sent: May 2, 2012 2:36 PM
To: prichardson@lambtonshores.ca; William Nywening; Frank Garardo; sevans@county.middlesex.on.ca; lindacr@northmiddlesex.on.ca

### Cc: MacKay Ward, Jessica Subject: RE: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

### Hello again,

I'm following up to a previous email I send back in March requesting some information for a Renewable Energy Project we are working on in Lambton and Middlesex Counties. One key piece of information we are requiring as part of our reports is the percentage of wooded areas in Lambton Shores, Warwick and North Middlesex. If you could please confirm this information or let me know if there is someone else within your organization that we should contact for this information, it would be much appreciated.

Thank you for your help, Jennifer

Jennifer Owen Social Scientist Environment 905.477.8400 x 312 jennifer.owen@aecom.com

#### AECOM

300 Town Center Blvd., Suite 300, Markham, ON L3R 5Z6 T 905.477.8400 F 905.477.1456 www.aecom.com

From: Owen, Jennifer
Sent: Friday, March 30, 2012 10:02 AM
To: Owen, Jennifer
Cc: Aitken, Sarah; MacKay Ward, Jessica
Subject: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

Hi,

We are undertaking the Natural Heritage/Water bodies Assessments for a Renewable Energy Project involving wind energy in Lambton and Middlesex Counties, on behalf of NextEra Energy Canada. The project will be referred to as the Jericho Wind Energy Centre. As part of the Records Review process, the MNR requires that we contact the Municipalities, Local Roads Board and the Local Services Board in order to request natural heritage and water bodies information relevant to the project. At this time we are requesting information for the broad preliminary study area to avoid having to resubmit this request when the project area is finalized (refer to attached map). Specifically, we are looking for information (including GIS layers, if available) on the following within or near (approximately 120m) our study area (*please see attached map of the Jericho study area*):

Fish records	Fish habitat information
Water quality data	Water quantity data
Ground water discharge areas	Benthic invertebrate data
Rare species	Savannahs\Sand Barrens\Tallgrass Prairies
Area of Natural and Scientific Interest (ANSI)	Alvars
Wetlands (evaluated and unevaluated)	Conservation parks/Reserves
Woodlands	Watercourse thermal and flow regimes
Valleylands	Municipal drains
Wildlife Habitat	Percentage of Woodlands

### Species at Risk

We understand that your organization may not keep records on some or all of these natural features. We would appreciate a response indicating whether your organization maintains records for any of these (or other Relevant) features.

Please contact myself or Sarah Aitken (water bodies) or Jessica Ward (natural heritage) (cc'd) if you have any questions or if there is someone else within your organization that we should contact for this information.

Thank you, Jennifer

Jennifer Owen Social Scientist Environment 905.477.8400 x 312 jennifer.owen@aecom.com

AECOM 300 Town Center Blvd., Suite 300, Markham, ON L3R 5Z6 T 905.477.8400 F 905.477.1456 www.aecom.com



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From: Sent:	Jennifer Debono [jdebono@middlesex.ca] Tuesday, September 25, 2012 10:46 AM
То:	Owen, Jennifer
Cc:	Adam Scott
Subject:	FW: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

Hi Jennifer,

I can provide the information you are looking for. Within North Middlesex, there is approximately 9242.037457 ha of wooded areas. With the municipality being approximately 6,0087.426056 ha in size, there is approximately 15.4% of wooded areas. This information is based on the previous Middlesex Natural Heritage Study data.

Let me know if there is anything else I can help you with.

Regards,

JENNIFER DEBONO | GIS/PLANNING TECHNICIAN | COUNTY OF MIDDLESEX | 519-434-7321 x2297

From: Steve Evans
Sent: September-11-12 12:08 PM
To: Jennifer Debono
Subject: FW: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

Can you respond to this request?

Thanks

From: Owen, Jennifer [Jennifer.Owen@aecom.com]
Sent: September-11-12 11:42 AM
To: Steve Evans
Cc: MacKay Ward, Jessica
Subject: RE: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

Hello,

I'm following up to a previous email I send back in May requesting some information for a Renewable Energy Project we are working on in Middlesex County. One key piece of information we are requiring as part of our reports is the percentage of wooded areas in North Middlesex and the Municipality of North Middlesex suggested we follow-up with Middlesex County. If you could please confirm this information or let me know if there is someone else within your organization that we should contact for this information, it would be much appreciated. Thank you for your help, Jennifer

Jennifer Owen Social Scientist Environment 905.477.8400 x 312 jennifer.owen@aecom.com

AECOM

300 Town Center Blvd., Suite 300, Markham, ON L3R 5Z6 T 905.477.8400 F 905.477.1456 www.aecom.com From: Owen, Jennifer
Sent: Wednesday, May 02, 2012 2:36 PM
To: 'prichardson@lambtonshores.ca'; 'will.nywening@county-lambton.on.ca'; 'frank.garardo@county-lambton.on.ca'; 'sevans@county.middlesex.on.ca'; 'lindacr@northmiddlesex.on.ca'
Cc: MacKay Ward, Jessica
Subject: RE: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

### Hello again,

I'm following up to a previous email I send back in March requesting some information for a Renewable Energy Project we are working on in Lambton and Middlesex Counties. One key piece of information we are requiring as part of our reports is the percentage of wooded areas in Lambton Shores, Warwick and North Middlesex. If you could please confirm this information or let me know if there is someone else within your organization that we should contact for this information, it would be much appreciated. Thank you for your help,

Jennifer

Jennifer Owen Social Scientist Environment 905.477.8400 x 312 jennifer.owen@aecom.com

#### AECOM

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From: Owen, Jennifer
Sent: Friday, March 30, 2012 10:02 AM
To: Owen, Jennifer
Cc: Aitken, Sarah; MacKay Ward, Jessica
Subject: Natural Heritage an Waterbodies Information Request - Jericho Wind Energy Centre

#### Hi,

We are undertaking the Natural Heritage/Water bodies Assessments for a Renewable Energy Project involving wind energy in Lambton and Middlesex Counties, on behalf of NextEra Energy Canada. The project will be referred to as the Jericho Wind Energy Centre. As part of the Records Review process, the MNR requires that we contact the Municipalities, Local Roads Board and the Local Services Board in order to request natural heritage and water bodies information relevant to the project. At this time we are requesting information for the broad preliminary study area to avoid having to resubmit this request when the project area is finalized (refer to attached map). Specifically, we are looking for information (including GIS layers, if available) on the following within or near (approximately 120m) our study area (*please see attached map of the Jericho study area*):

Fish records	Fish habitat information
Water quality data	Water quantity data
Ground water discharge areas	Benthic invertebrate data
Rare species	Savannahs\Sand Barrens\Tallgrass Prairies
Area of Natural and Scientific Interest (ANSI)	Alvars
Wetlands (evaluated and unevaluated)	Conservation parks/Reserves

Woodlands	Watercourse thermal and flow regimes
Valleylands	Municipal drains
Wildlife Habitat	Percentage of Woodlands
Species at Risk	

We understand that your organization may not keep records on some or all of these natural features. We would appreciate a response indicating whether your organization maintains records for any of these (or other Relevant) features.

Please contact myself or Sarah Aitken (water bodies) or Jessica Ward (natural heritage) (cc'd) if you have any questions or if there is someone else within your organization that we should contact for this information.

Thank you, Jennifer

Jennifer Owen Social Scientist Environment 905.477.8400 x 312 jennifer.owen@aecom.com

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#### Derek

From: Fran Woods [mailto:fwoods@warwicktownship.ca] Sent: Wednesday, May 09, 2012 4:08 PM To: Derek Dudek Cc: 'Don Bruder' Subject: Jericho Wind Energy Centre Project

Hi Derek: Further to your letter of February 22, 2012 Council has requested a written up-to-date report on the above-noted project. They would also appreciate it if you would be able to attend a Council meeting in June (June 6<sup>th</sup> or June 20<sup>th</sup> at 7:00 p.m. either night) to review your report. Please advise if you are available either of these dates. Thanks,

#### Fran Woods, Clerk

Township of Warwick 6332 Nauvoo Rd., RR#8, Watford, ON. N0M 2S0 Tel (519) 849-3926 Fax (519) 849-6136 fwoods@warwicktownship.ca www.warwicktownship.ca

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From:	Dudek, Derek
То:	<u>"cpmckenzie@lambtonshores.ca";</u> "Don Bruder"; <u>"stephane.thiffeault@county-lambton.on.ca";</u> "Linda Creaghe"; "kbunting@middlesex.ca"
Cc:	Patti Richardson; "Jason Cole"; "Barbara Rosser"; "Chris Traini"
Bcc:	<u>"Cushing, Julia"</u>
Subject:	Jericho - MCF
Date:	Monday, June 18, 2012 3:26:00 PM
Attachments:	Jericho MCF4.pdf

All,

Please find attached the Municipal Consultation Form associated with our **Jericho Wind Energy Centre** project. Updated Project Description Reports were mailed to your individual attention on Friday June 15th, and the attached form was omitted from the mailing package.

I understand some of you may be receiving similar packages associated with our other projects in Middlesex County and it may be a little overwhelming. Please do not hesitate to contact me if you have any questions about the form.

Thank you,

Derek Dudek | Community Relations Consultant NextEra Energy Canada, ULC 5500 North Service Road, Burlington, ON L7L 6W6 0:905.335.4904 x18 f:905.335.5731 mobile - 519.318.0237 derek.dudek@nexteraenergy.com

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## Minutes

<b>To/Attention</b>	Attendees / File	Date	October 26, 2012
From	Derek Dudek	Project	Jericho
		Steno	dd
Subject	Project Updates - Jericho WEC Lambton County Administration ( Oct 3, 2012 - 3:00pm	Offices	
Present	Jason Cole (Lambton County) Ross Groffman, Mark Cifone, Gab (NextEra) Dan Babcock (CanAcre)	be Henehan, Ko	nrad Flemk, Derek Dudek
Distribution	Lambton County / File		

## Item Discussed

Item Discussed	Action By
1. NextEra summarized recent meetings with HONI regarding co-location and efforts made to persuade Hydro One to accept co-location, and HONI's position is that it will not allow co-location to occur. Lambton County requested a copy of the written statement from HONI to that effect.	NextEra
<ol><li>County indicated interest in NextEra's work to acquire private easements in regards to potential road widening of Thompson Road.</li></ol>	n/a
<ol> <li>Potential Memorandum of Understanding to address potential moving of poles.</li> </ol>	NextEra / Lambton County
4. Send Tom Kydd's contact information to Jason Cole	NextEra
5. Send map of easements along transmission line route to Jason Cole	NextEra
<ol> <li>Send map of legal survey of Thompson Road transmission line route to Jason Cole</li> </ol>	NextEra / Callon Dietz
7. County to provide agreement for use of right-of-way of a transmission line	County
8. Send map of collection line routes within public ROW to Jason Cole.	NextEra

## Cushing, Julia

Subject: FW: Decommissioning Question

From: Dudek, Derek Sent: Monday, November 12, 2012 3:01 PM To: Carol McKenzie Subject: RE: Decommissioning Question

Hi Carol,

We get asked this question a lot as well. Our experience to date is that it is not a requirement of the Province. The approval of a wind energy project in Ontario is tied to a Renewable Energy Approval (REA) issued under the authority of the Ministry of the Environment through the Environmental Protection Act. We anticipate (based on approvals we've received for our Conestogo and Summerhaven projects) that the REA will contain conditions for the required decommissioning of project infrastructure which are legally binding on the project proponent and subject to the same offences and penalties for non-compliance. As such, NextEra is of the opinion that bonds are not necessary to ensure that decommissioning of the facility will be carried out as required.

In addition, NextEra Energy has legally binding contracts with participating landowners which include language requiring restoration of all parts of their land to original use upon retiring of the facility. If we did not abide by this contract we would open to legal action by the landowners themselves.

I hope this answers your question, but please don't hesitate to contact me if you require additional information. I'm not aware of any other bonding/securities that may be required but will inquire.

Thanks,

Derek Dudek | Community Relations Consultant **NextEra Energy Canada, ULC** 390 Bay Street, Suite 1720 Toronto, ON M5H 2Y2 Canada office: 416.364.9714 mobile: 519.318.0237 derek.dudek@nexteraenergy.com

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From: Carol McKenzie [mailto:cpmckenzie@lambtonshores.ca] Sent: Monday, November 12, 2012 2:09 PM To: Dudek, Derek Subject: Decommissioning Question

Good day

the decommissioning of the turbines is always an issue that arises - One question – are the companies required to provide bonding or securities to the Province to guarantee removal? Is there any other bonding or securities that the companies are required to provide to the Province?

Thank you, Carol

Carol McKenzie Clerk Lambton Shores Forest Office 7883 Amtelecom Parkway, Forest ON NON 1JO Phone 519-786-2335 Toll Free 1-877-786-2335 Fax 519-786-2135 cpmckenzie@lambtonshores.ca