

Transmission Route Overview

- NextEra Energy Canada proposes to build approximately 26 kilometres of 115 kV transmission line to transport electricity generated by the Adelaide, Bornish and Jericho wind projects to a common switchyard located within the Bornish project.
- Power produced from the Jericho project will travel approximately 14.5 km from the Jericho substation to the switchyard
- Power produced from the Adelaide project will travel approximately 11.4 km from the Adelaide substation to the switchyard
- Power generated by the Bornish project will be delivered from its substation to the neighboring switchyard.
- Power combined at the switchyard will then be delivered via a 115 kV transmission line to an existing 500kV transmission line located approximately 11.5 kilometres east of the switchyard.

Selecting a Transmission Route

- Distances between the transmission line and other structures are considered when selecting a route.
- Wherever possible, poles will be placed within the road right of way with installation and maintenance from the road.
- Easement widths located on private property will vary between 33 – 200 feet (10 – 60 metres). Widths may vary due to special features of a particular parcel.
- The location of environmentally sensitive features is considered when choosing a route.

Land Owners and Easement Agreements

- NextEra Energy Canada is committed to working with landowners within the corridor to find a mutually acceptable route for the transmission line.
- Land owners will be paid a fair market value for the property subject to the easement.
- Compensation will be made for crop damage
- Additionally, we will repair damages to fences, gates, tiling, roads, etc.

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Construction of a Transmission System

The construction of the transmission systems are being considered on municipal right of ways, private lands or a combination of both within the transmission study area

- Transmission structures will typically be single poles made of metal, wood, or concrete.
- Poles will be approximately 18 – 27 metres (60 - 90 feet) in height.
- A typical span between poles will be 91 – 182 metres (300 - 600 feet).
- Wherever practical, transmission and distribution will be co-located on a single pole.
- Transmission lines are required to be constructed to standards outlined by the Province and/or electrical codes.

Leave to Construct Process

Transmission lines (lines with voltages higher than 50 kV) that are longer than 2km require a Leave to Construct from the Ontario Energy Board

- This process examines the need for the line and the proposed routing to ensure that the priorities given to the Ontario Energy Board by the government are met.
- In addition to the Leave to Construct process, the lines will be permitted as part of the Renewable Energy Approval (REA) processes for the Bornish, Adelaide and Jericho wind energy centres
- Natural heritage studies have been conducted along proposed routes within the transmission study area including:
 - ✦ Vegetation mapping and habitat assessments
 - ✦ Aquatic habitat assessments
 - ✦ Breeding bird surveys in open and forested habitats
- Any additional studies that may be required as a result of route selection will be conducted prior to construction



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TCI Renewables

- ✦ TCI Renewables, Ltd is a leading independent renewable energy business. Air Energy TCI (AET) was established in 2006 as the North American subsidiary of TCI Renewables Ltd.
- ✦ TCI Renewables Ltd has offices in Great Britain, Ireland and Canada with interests in over 30 wind power development projects
- ✦ AET is our Canadian company, whose head office is based in Montreal.

The NextEra Energy Canada and AET Partnership

- ✦ Air Energy TCI Inc (AET) entered into an agreement with NextEra Energy Canada, ULC regarding the Adelaide Wind Energy project in 2009.
- ✦ The agreement between the two companies is an outcome of AET's recent strategic evaluation of how best to advance the Adelaide Wind Energy project to construction.
- ✦ NextEra Energy purchased all rights to the Adelaide Wind Energy project from AET. NextEra Energy Canada will be the owner and operator of the project.



renewables

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Thank You for Attending!

- Thank you for attending this evening's Community Update Open House
- Your input is important to us: please fill out an exit questionnaire and either leave it with us tonight or mail it to us using the contact information below
- Should you have any further questions or comments, please do not hesitate to contact us

- **E-mail:**

- ✦ Adelaide.Wind@NextEraEnergy.com
- ✦ Bornish.Wind@NextEraEnergy.com
- ✦ Jericho.Wind@NextEraEnergy.com

Phone: 1-877-257-7330

Mail: Derek Dudek

Community Relations Consultant

NextEra Energy Canada

5550 North Service Road, Suite 205

Burlington, ON, L7L 6W6



Our environmental consultants:

Bornish, Adelaide Wind Projects:

GL Garrad Hassan

Nancy O'Blenes, Project Manager

416-801-6822

Nancy.O'Blenes@gl-garradhassan.com

Jericho Wind Energy Project:

AECOM

Marc Rose, Project Manager

905-477-8400, Ext. 388

Marc.Rose@aecom.com

Adelaide Wind Energy Centre



OPEN HOUSE COMMENT FORM

• Ailsa Craig Community Centre • 155 Annie Ada Shipley Street • North Middlesex, ON • November 10, 2011 •

Your comments will be considered. We are collecting this information to help us understand and address your concerns about the Project. Comments will become part of the public record with the exception of personal information.

1. Did the information presented tonight meet your expectations?

- Yes
- Somewhat
- No

Please explain: did not see any details of transmission lines on the sheets presented

2. If you asked questions during the Open House, did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: some reps said, I don't know the area at all

3. After attending the Open House, how do you feel about the Project?

- Yes
- Somewhat
- No

Please explain: _____

4. What topics would you like to learn more about? (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Aboriginal Interests | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic | <input checked="" type="checkbox"/> Transmission |
| <input checked="" type="checkbox"/> Environment | <input checked="" type="checkbox"/> Project Details |
| <input checked="" type="checkbox"/> Human Health | |

Other: _____

Adelaide Wind Energy Centre



5. Please provide your comments or questions in the space provided below:

Please have more details available about transmission lines, turbine locations and connection lines

Public can not make comments if there is no draft available for them

If you would like to be kept informed about the status of the Adelaide Wind Energy Project, please provide your contact information below.

Name: [Redacted]

Street Address: [Redacted]

City/Province: [Redacted]

Postal Code: [Redacted] Email: [Redacted]

To learn more about the Project, or to send your completed comment form to us, please contact:

Derek Dudek
Community Relations Consultant
NextEra Energy Canada, ULC
5500 North Service Road, Suite 205
Burlington, Ontario L7L 6W6

Toll Free: 1-877-257-7330
Email: Adelaide.wind@NextEraEnergy.com
Website: www.NextEraEnergyCanada.com

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- Yes
- Somewhat
- No

Please explain: NOBODY seemed to know where
when - not much

2. If you asked questions during the Open House, did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: _____

3. After attending the Open House, how do you feel about the Project?

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- Somewhat
- No

Please explain: _____

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- | | |
|---|---|
| <input type="checkbox"/> Aboriginal Interests | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic | <input type="checkbox"/> Transmission |
| <input type="checkbox"/> Environment | <input type="checkbox"/> Project Details |
| <input type="checkbox"/> Human Health | |

Other: _____

Adelaide Wind Energy Centre



5. Please provide your comments or questions in the space provided below:

I DOREE ORRANGE DO NOT WANT TRANMISSION LINES going through my property and I AM NOT IN FAVOR OF WIND MILLS FOR ECONOMICS & ENVIRONMENTAL REASONS. WHY DON'T you follow the 402 + 401 + 400 Highway if NECESSARY.

If you would like to be kept informed about the status of the Adelaide Wind Energy Project, please provide your contact information below.

Name: _____

Street Address: _____

City/Province: _____

Postal Code: _____

Email: _____

To learn more about the Project, or to send your completed comment form to us, please contact:

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1. Did the information presented tonight meet your expectations?

- Yes
- Somewhat
- No

Please explain: NO I THOUGHT IT WOULD BE A SIT DOWN MEETING

2. If you asked questions during the Open House, did you get a satisfactory response?

- Yes
- Didn't speak to anyone
- Somewhat
- No

Please explain: NO POINTED ELSEWHERE

3. After attending the Open House, how do you feel about the Project?

- Yes
- Somewhat
- No

Please explain: PROJECT INFO IS NOT AVAILABLE & NO DATES FOR ALL INFO AVAIL. SET.

4. What topics would you like to learn more about? (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Aboriginal Interests | <input type="checkbox"/> Community Partnerships |
| <input type="checkbox"/> Socio-economic | <input type="checkbox"/> Transmission |
| <input checked="" type="checkbox"/> Environment | <input checked="" type="checkbox"/> Project Details |
| <input checked="" type="checkbox"/> Human Health | |

Other: _____

