

Liaison Committee Meeting #1

Amherst Island Wind Energy Project

~ July 20, 2011 ~

Windlectric Inc.

Stantec

Agenda

1.	Welcome and Introductions	5:30
2.	Confirm agenda	5:35
3.	Review of Terms of Reference and the Liaison Committee	5:40
4.	Review project details	5:50
	Overview of Algonquin Power	
	Role of Stantec Consulting Ltd.	
	Overview of the Project	
	Overview of the Renewable Energy Approvals Process	
	Review of work completed to-date	
	Review timeline and schedule	
5.	Review of key issues and priorities for future discussion	6:15
6.	Discuss next steps	6:20
7.	Other business	6:25
8.	Confirm date of next Liaison Committee meeting and adjourn	6:30

Welcome to Our First Meeting

Desired Outcomes

- To familiarize members with each other, the project and the Renewable Energy Approval process
- To create a common understanding of the Liaison Committee, including the Terms of Reference
- To review key issues and priorities for future discussion

Welcome to Our First Meeting - Introductions

Lead Facilitator

- Sean Fairfield, Algonquin

Members

- Minister Zander Dunn
- Nancy Pearson
- Janet Scott
- Tom Sylvester

Consultation and Technical Support

- Amanda Kennedy, Stantec Consulting Ltd.
- Kerrie Skillen, Stantec Consulting Ltd.

Review Ground Rules

- One person speaking at a time
- So that we can hear from as many participants as possible, please limit the length of comments and questions
- Listen with respect; learn from each other
- Limit the use of acronyms and jargon
- Any others to add?

Review of Terms of Reference

Review Terms of Reference

1.0 Project Background

- Windlectric Inc. (a subsidiary of Algonquin Power and Utilities Corp.) is proposing to develop, construct, and operate the 56 - 75 megawatt (MW) Amherst Island Wind Energy Project (the Project).
- The Project is located within Loyalist Township in the County of Lennox and Addington in eastern Ontario, in response to the Government of Ontario's initiative to promote the development of renewable electricity in the province.
- Windlectric has retained Stantec Consulting Ltd. to prepare the Renewable Energy Approval (REA) application, as required under O. Reg. 359/09.

Review Terms of Reference

2.0 Purpose of the Liaison Committee (LC)

- The Amherst Island Wind Energy Project Liaison Committee (LC) is being created to serve a role in providing two-way communications between the local community, Windlectric/Algonquin Power (the project owner/developer).

Review Terms of Reference

3.0 Liaison Committee (LC) Function/Objectives

- … a forum between the parties to review and exchange general information… (3.1)
- … Windlectric Inc. will assess items brought forward in the exchange and incorporate them into the REA process as appropriate. (3.1)
- … The LC shall not exercise any supervisory, regulatory, legal, approval or other decision-making role… (3.2)
- … The LC will provide constructive feedback and advice on local items of interest to the project owner, developer and operating manager, on an as needed basis. (3.3)
- … The LC does not replace other means for citizens, agencies or other organizations to express their observations and ideas. (3.4)

Review Terms of Reference

4.0 Structure and Membership

- … Local community representatives will be selected based on their ability and willingness to bring a variety of perspectives from/to the local community. (4.2)
- … Membership on the LC does not constitute support, endorsement, or opposition of the Amherst Island Wind Energy Project. (4.5)
- … Participation on the LC is a voluntary activity and its members serve without remuneration. (4.6)
- … The LC may terminate any member's position on the LC based on a recommendation from any member and based on the person(s) acting in a manner that is disruptive or not contributing to the process. (4.7)

Review Terms of Reference

5.0 Lead Facilitator's Role and Responsibilities

- … The Lead Facilitator will represent the LC as a whole, and be a liaison for relaying information to the LC from various other project stakeholders. (5.1)
- … Provide LC members with adequate background and timely information on relevant issues. (5.2)
- … Respond directly to citizen questions or comments received from LC members in a timely manner and report back to the LC on the outcome. (5.4)

Review Terms of Reference

6.0 Meetings

- … The LC shall meet a minimum of 4 times during the development stage of the project. (6.2)
- … The LC shall cease to meet after submission of the application for the issuance of a renewable energy approval to the Ministry of the Environment. (6.2)
- … Meetings will be held in the local community at a location to be agreed upon by LC members. Meetings will be closed to parties other than LC members and meeting facilitators. (6.3)
- … A meeting record should be printed and distributed (6.6)
- … Meetings will normally include the following regular agenda items.
  - Review of draft agenda
  - Review of previous meeting record and any action items
  - Topics of particular interest (e.g. learning about and discussing specific issues)
  - Schedule of upcoming meetings and broad topic areas to be discussed

Review Terms of Reference

7.0 Meeting Record

- Will provide an overview of the discussions, highlighting action items as appropriate. (7.1)
- Will not be a detailed record of all discussions. (7.2)
- Will not normally include attribution of specific remarks to members of the committee. (7.3)
- Will normally be prepared and distributed to LC members within a week of the particular meeting. The record will be reviewed at the subsequent meeting. (7.4)
- Members may share meeting records with members of their constituency for the purpose of keeping the constituency informed and obtaining feedback. (7.5)

Review Terms of Reference

8.0 Other Procedures

8.1 Members will:

- Regularly prepare for and attend scheduled meetings
- Respect fellow members and their personal and potentially varying views.
- Recognize that all members have an equal right to speak, and will not dominate the discussion.
- Operate in a spirit of cooperation and partnership
- Channel input and opinion from the community and reporting back to the LC on relevant issues. It is not expected that members will undertake any formal process to solicit input.
- Report back to the community as appropriate on LC discussions and activities. It is not expected that members will undertake any formal process of reporting

Questions & Comments?

Review Project Details

Review Project Details – Overview of Algonquin Power

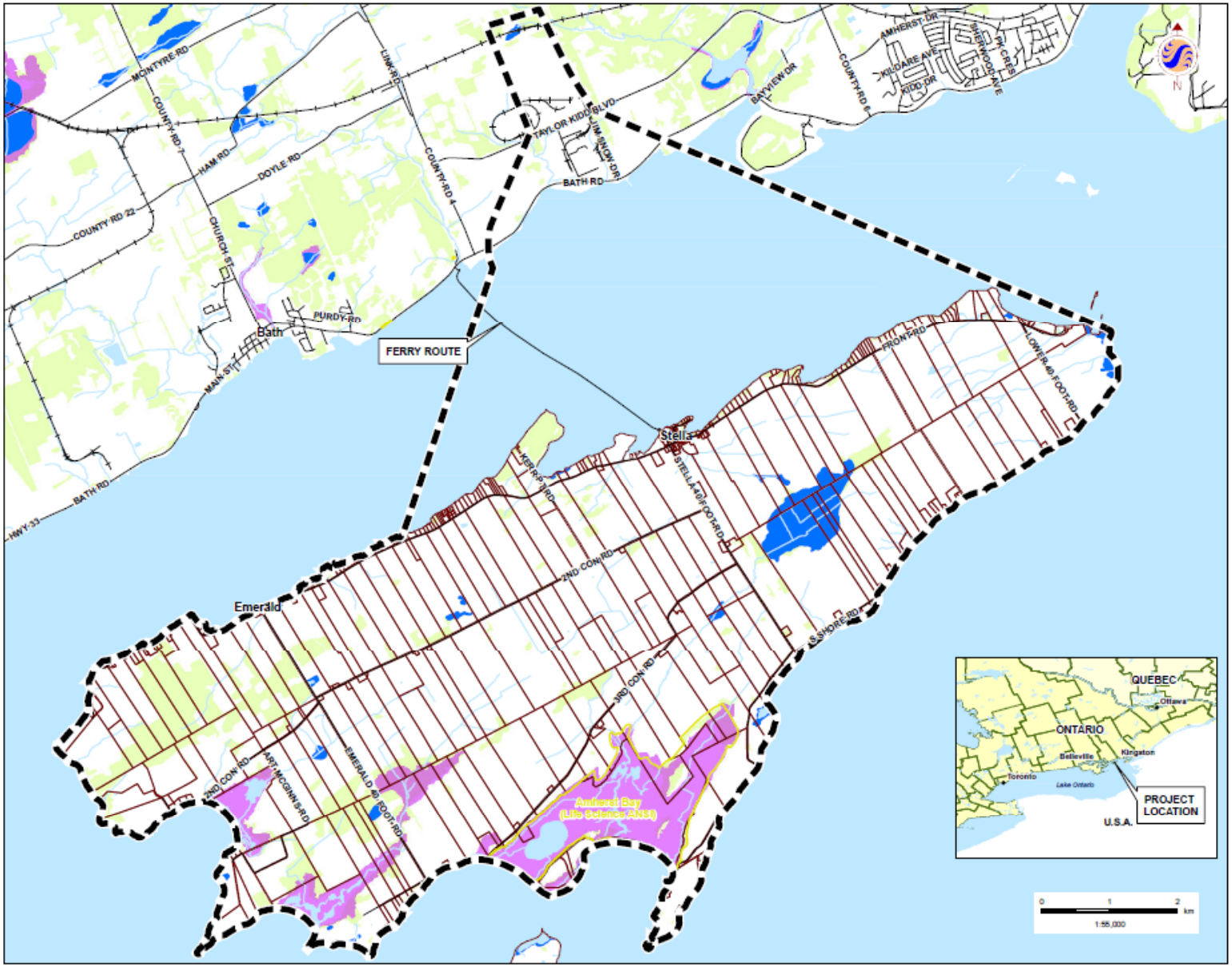
- Publicly traded company
- Owns direct interest or equity in renewable and thermal power generating facilities and regulated utilities
- 46 renewable energy facilities in North America
- 300 MW of installed capacity
- Head office located in Oakville, Ontario
- For more information see the company website: www.algonquinpower.com

Review Project Details – Overview of Stantec Consulting Ltd.

- Windlectric has retained Stantec Consulting Ltd. (Stantec) to prepare the Renewable Energy Approval (REA) application, as required under O. Reg. 359/09.
- Includes:
  - completion of required technical studies
  - public consultation support
  - completion and submission of REA application

Review Project Details – Overview of the Project

- Windlectric Inc. (a subsidiary of Algonquin Power and Utilities Corp.) is proposing to develop, construct, and operate the 56 - 75 megawatt (MW) Amherst Island Wind Energy Project (the Project).
- The Project is located within Loyalist Township in the County of Lennox and Addington in eastern Ontario, in response to the Government of Ontario's initiative to promote the development of renewable electricity in the province.
- The Project Study Area includes Amherst Island, an approximately 3 - 15 kilometre wide corridor stretching between the Island and the mainland where the submarine cable is proposed.
- The mainland portion of the Project Study Area stretches from the mainland shoreline, north to the Invista Transformer Station and is generally bounded by i) County Road 4 to the West; ii) the Canadian National Railway line to the North; and iii) approximately 500 m West of Jim Snow Drive to the East.



Legend

- Project Study Area
- Road
- Railway
- Watercourse
- Property Boundaries
- Wooded Area
- Waterbody
- Unevaluated Wetland
- Provincially Significant Wetland
- ANSI Boundary

Notes

1. Coordinate System: UTM NAD 83 - Zone 18 (N).
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.

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May 2011

Client/Project

WINDLECTRIC INC.
AMHERST ISLAND WIND ENERGY PROJECT

Figure No.

1

Title

PROJECT STUDY AREA

Review Project Details – Overview of the Project

The basic components of the Project include:

- approximately 28 – 42 model wind turbine generators with a total installed nameplate capacity of approximately 56 - 75 MW,
- a 34.5 kilovolt (kV) underground and/or overhead electrical power line collector system,
- fibre optic data lines from each turbine and/or wireless technology for the communication of data,
- a submarine cable,
- auxiliary buildings including: an operations and maintenance building, a substation, and a switching station,
- a meteorological tower (met tower), an access road to the met tower site,
- turbine access roads with culvert installations, as required, at associated watercourse crossings.

The electrical power line collector system would transport the electricity generated from each turbine to the substation, along the submarine cable to the mainland and then to an interconnecting switching station located adjacent to an existing Hydro One Networks Inc. 115 kV transmission line.

Review Project Details – Overview of the Project

Temporary components during construction may include:

- a temporary dock,
- storage and staging areas at the turbine locations,
- crane pads or mats,
- staging areas along access roads,
- delivery truck turnaround areas,
- central laydown areas,
- crane paths and associated watercourse crossings.

Overview of the Renewable Energy Approvals Process

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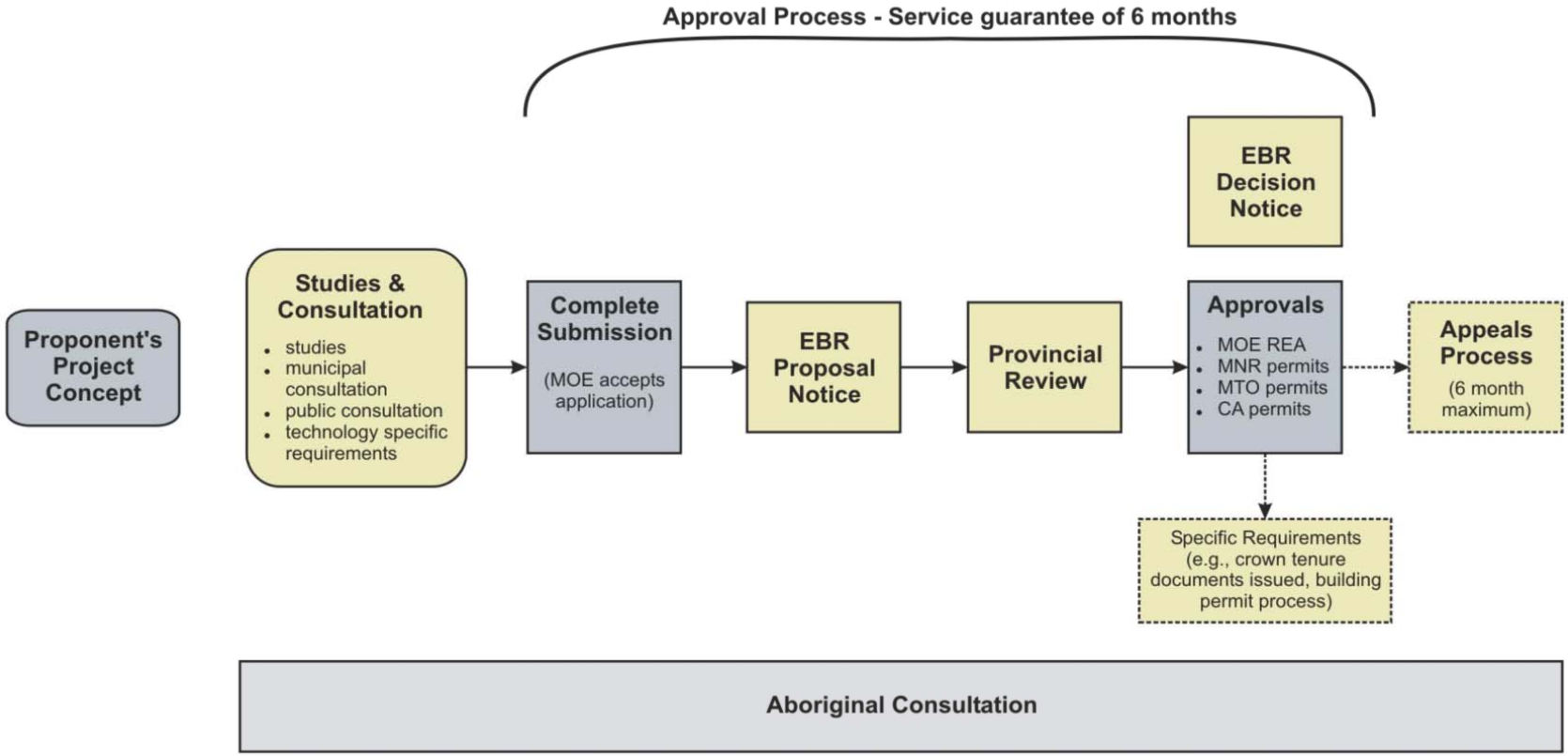
Key Steps in Ontario's REA Process



* Source: Ontario Ministry of the Environment

Standardized Setbacks

- A key component of the REA process is the establishment of common setbacks for all renewable energy facilities in the Province.
- Where Project related infrastructure will be located within the setback distances, additional analysis (i.e., Environmental Impact Study) will be provided in the REA application and summarized in the final Project Description Report.

Feature	Setback Distance	Study Alternative When Within Setback
Non-participating receptor	550 m (from turbine base)	N/A
Public road right-of-way and railway right-of-way	Turbine blade length + 10 m (from turbine base)	N/A
Property line	Turbine height (excluding blades) (from turbine base)	Does not apply to parcels of land if the abutting parcel of land is a participant in the Project or if it is demonstrated that the wind turbine will not result in adverse impacts on nearby business, infrastructure, properties or land use activities.
Provincially significant southern wetland	120 m	Development not permitted within feature. Development and site alteration may be possible within setback area; EIS required.
Provincially significant ANSI (Earth Science)	50 m	Development and site alteration may be possible within natural feature and setback area; EIS required.
Provincially significant ANSI (Life Science)	120 m	
Significant valleyland	120 m	
Significant woodland	120 m	
Significant wildlife habitat	120 m	
Lake	120 m from the average annual high water mark	Development and site alteration may be possible within setback area; additional report required. No turbine, solar panel or transformer located within a lake or within 30 m of the average annual high water mark.
Permanent or intermittent stream	120 m from the average annual high water mark	Development and site alteration may be possible within setback area; additional report required. No turbine, solar panel or transformer located within a permanent or intermittent stream or within 30 m of the average annual high water mark.
Seepage area	120 m	Development and site alteration may be possible within setback area; additional report required. No turbine, solar panel or transformer located within 30 m of a seepage area.

REA Required Reports

- The following reports will be prepared and submitted as part of the REA application:
  - Project Description Report
  - Construction Plan Report
  - Design and Operations Report (includes Environmental Noise Impact Assessment for the wind and substation component of the Project)
  - Natural Heritage Assessment
  - Environmental Impact Study (if necessary)
  - Consultation Report
  - Archaeological and Built Heritage Reports
  - Water Report
  - Wind Turbine Specifications Report
  - Decommissioning Plan Report
  - All reports, with the exception of the Consultation Report, will be made available in draft form for review and comment. Notification of the release of the draft reports will be provided.

REA Process – Community Consultation and Engagement

- Stakeholder and agency consultation will take place throughout the REA process.
- Input from Aboriginal Communities is an integral part of the REA process and specific rules have been developed for proponents regarding aboriginal consultation.

Review Project Details – Work Completed to Date

We are in the process of completing the detailed studies, analysis and work required to obtain a Renewable Energy Approval (REA) for the Project.

Natural Heritage Assessment

- Field studies initiated April 2011 (i.e., bird surveys, ecological land classification surveys, wetland delineation, fisheries)
- Anticipated to continue through to early 2012

Water Assessment

- Field studies initiated in May 2011. Anticipated to continue through to Fall 2011

Stage 1 Archaeological Assessment and Built Heritage Assessment

- Both studies have been initiated. Report expected to be submitted to the Ministry of Tourism and Culture by early Fall 2011

Draft Project Description Report

- Submitted to MOE – May 10, 2011

Other

- Drafting layout of project components

Review Project Details – Work Completed to Date

The environmental studies are being completed to fully understand the local environment and will be utilized in the development of the Project design. The technical studies will include, but may not be limited to, in-depth analysis of the following features:

- Wildlife and wildlife habitat including Significant Wildlife Habitat
- Bird breeding, wintering and migration
- Water bodies and aquatic resources
- Woodlands, vegetation and other significant natural features
- Wetlands and Areas of Natural and Scientific Interest
- Archaeological and heritage resources
- Land use and socio-economic features
- All of the technical studies will be provided within the REA Required Reports in draft form for review and comment.

Review Project Details – Consultation and Engagement

- Consultation is an important part of the REA process
- The first Open House is anticipated to be held in late Fall or Early winter 2011. The first Open House will provide conceptual information on the Project
- A second Open House will be held when all the Draft REA reports are completed. Notification of the release of the draft REA reports for review and comment will be provided.

Review Project Details – Current Project Schedule

Milestone	Approximate Date
Initiate REA Process	May 2011
REA technical studies	Ongoing through to December 2011
Public Open House #1	Anticipated late Fall or Early winter 2011
Draft REA Reports to Public	June 2012
Public Open House #2	August 2012
REA Approval	December 2012
Start of Construction	January 2013
Commercial Operation Date (COD)	Approximately February 2014
Repowering/Decommissioning	2034 (approximately 20 years after COD)

Questions & Comments?

Review of Key Issues and Priorities for Future Discussion

Other Business

Our Next Meeting

Review of Key Issues and Priorities

- Are there additional items that you would like to review or discuss at future Liaison Committee Meetings?

Other Business

- Are there additional items to be discussed this evening?

Next Liaison Committee Meeting

- Fall 2011(to be confirmed)



Thank You

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