

## Meeting Record



**Stantec**

### Liaison Committee – Meeting #3 Amherst Island Wind Energy Project

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Date: Wednesday, November 16, 2011  
 Place: St. Paul's Presbyterian Church, 2045 Stella 40 Foot Road, Amherst Island  
 Time: 5:00 to 7:45 p.m.  
 Next Meeting: To be determined  
 Attendees: Janet Scott, Nancy Pearson, Tom Sylvester, and Zander Dunn (Members)  
 Sean Fairfield (Algonquin Power)  
 Amanda Kennedy and Kerrie Skillen (Stantec)

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Discussion Item	Action
<b>Confirm agenda</b>	<ul style="list-style-type: none"> <li>None</li> </ul>
<b>Review Action Items from LC Meeting #2</b> <ul style="list-style-type: none"> <li>All have been completed</li> <li>Election update: Tim Hudak appointed Vic Fedeli (former Mayor of North Bay as energy critic).</li> <li>Confirmed bookmarking challenges regarding the website and these were solved. No follow up required.</li> </ul>	<ul style="list-style-type: none"> <li>Andrew Taylor (Stantec) to arrange an in-person meeting with Janet Scott this winter to discuss avian species on the island.</li> <li>Algonquin to provide links on the Project website to relevant documents (such as the Owl Woods Management Strategy - <a href="http://www.kingstonfieldnaturalists.org/reports/owlwoodsmgmt.pdf">www.kingstonfieldnaturalists.org/reports/owlwoodsmgmt.pdf</a>).</li> </ul>
<b>Current Status of Project</b> Sean and Kerrie provided a status update on the project, including: <ul style="list-style-type: none"> <li>Meeting notes, agendas and the Terms of Reference for the Liaison Committee will be made available on the Project website in the near future.</li> <li>A revised Project Description Report (dated Nov, 2011) is available on the website. It is a living document and will continue to be revised.</li> <li>Public Open Houses will be held on December 6 and 7. Notification has occurred through mail-outs, newspaper ads and the website.</li> <li>Migratory bird surveys will continue through beginning of 2012. This will include winter raptor surveys this winter.</li> <li>Prepared preliminary draft layout after discussions with signed landowners, and applying environmental constraints. Layout will evolve as project proceeds. It will be presented at the Public Open Houses.</li> </ul>	<ul style="list-style-type: none"> <li>For our next meeting, Stantec will develop a short presentation on the Wolfe Island Wind Project, including a review of the studies completed as part of the Environmental Screening.</li> </ul>

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Discussion Item	Action
<ul style="list-style-type: none"> <li>• Algonquin met with the Township in October to discuss the preliminary layout and potential municipal constraints.</li> <li>• Stage 1 Archaeological Assessment and Built Heritage and Protected Property Assessment reports are drafted. Will be updated based on current layout.</li> <li>• Stage 2 Archaeological Assessment underway.</li> <li>• Preparing for Public Open House #1.</li> <li>• Consulting with Loyalist Township and the County of Lennox and Addington</li> <li>• Expect to conduct a marine archeology assessment in the spring of 2012.</li> </ul> <p>Questions and comments included:</p> <ul style="list-style-type: none"> <li>• If artifacts are found during the archeological studies, can they be used in local museums?</li> <li>• An owl was killed on the wires associated with a met tower just west of the Owl Woods. Can the tower come down? Algonquin will consider this request as the project moves forward.</li> <li>• Will the municipality be involved with the Public Open Houses? No, however Algonquin has met with them two or three times to review the Project. Algonquin is interested in entering into a Pre-Servicing Agreement with the municipality for upgrades to roads.</li> <li>• Five additional questions were provided in hard copy. These include questions about met towers, the Owl Woods, hunting, availability about the layout and the turbines.</li> <li>• Perhaps the company could assess the wireless internet on the island in relation to the project requirements. Could this service be improved on the island?</li> <li>• Will the emergency heli-pad be affected by the Project?</li> <li>• Are there going to be turbines on the mainland? No. The study area extends to the mainland because of the interconnection to the Hydro One network. The final location of the submarine cable crossing has not yet been determined.</li> <li>• How will Algonquin bring equipment to the island? The current plan is to utilize a barging system and install temporary docks, on the mainland and the</li> </ul>	<ul style="list-style-type: none"> <li>• Algonquin to circulate response to similar question asked about artifacts to the Liaison Committee.</li> <li>• Algonquin to provide responses to additional questions via email to members and update the list of Frequently Asked Questions for the project website.</li> <li>• A member of the Liaison Committee will send a photo of the existing cell tower to Algonquin. (Completed.)</li> <li>• Algonquin to follow-up about the heli-pad with appropriate authorities and report back at upcoming meeting.</li> </ul>

Discussion Item	Action
<p>island, to allow for the transportation of equipment and project components between the island and the mainland. The details regarding the dock, including the final location, have not yet been determined.</p> <ul style="list-style-type: none"> <li>• All of the turbines will be on the island, but the tax revenue will be going to Loyalist Township, not the island itself. Will the Township receive money in addition to the tax revenue? And will the tax revenue and/or additional monies be made available or used on the island? Algonquin has not discussed this with Council. Algonquin suggests the community speak with members of Council. If the Township approached Algonquin, they would enter into discussions.</li> <li>• How many turbines will there be on the Island? The project will have a total installed nameplate capacity of approximately 56 - 75 MW. Using the Siemens SWT-2.3-113 2.3 MW model wind turbine generators, there will be a maximum of 33 turbines located on the Island. The turbines will be direct drive with no gear boxes (note, the turbines will be quieter than if they had gear boxes).</li> <li>• The project is currently assessing the location of 37 turbine locations (4 more than the maximum 33 turbine locations). The additional 4 potential turbine locations will be removed prior to finalizing the layout. How will you eliminate the redundant turbine locations? The results of the technical studies (considering all regulatory constraints), such as the Stage 2 Archeological Assessment results, will help us determine the final layout.</li> <li>• We have heard that the wind on Amherst Island is marginal. Is this true? Will this be addressed at the Public Open House? Algonquin believes the Island has a good wind regime and the Project will be economically viable.</li> <li>• Will wayside pits be set up for gravel? Will a concrete batch plant be developed on the Island? These details have not yet been determined.</li> <li>• How deep will the pits need to be to stabilize the height of the turbines? At this time, this is uncertain; the answer will depend on the results of a geotechnical assessment, completed by a qualified subject matter expert, which will occur in the future. As the project progresses engineering details will be made available to the public in the Design and Operations Report.</li> <li>• Would you consider installing an interpretation</li> </ul>	

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<p>centre on the Island? Algonquin will take this comment under consideration.</p>	
<p><b>4. Discuss Upcoming Open Houses</b></p> <p>The group discussed the upcoming Public Open Houses scheduled for December 6 and 7. Comments and suggestions included:</p> <ul style="list-style-type: none"> <li>• Ensure the preliminary draft layout map is legible and include as much contrast as possible. This will be important for the Open Houses as well as maps posted to the website.</li> <li>• Could you put wind energy in context with other sources of energy (coal, nuclear, etc.)?</li> <li>• Can you illustrate the distance between the turbines and houses (perhaps the percentage that exceed the setbacks)?</li> <li>• Could you arrange for a shuttle between the ferry dock and the mainland Open House?</li> <li>• Could you include QR (Quick Response) codes on the panels to link the information at the Public Open House to available information on the Project website?</li> <li>• Some of the major issues of concern in the community include: effect of the Project on birds and bats, human health, decommissioning/repowering, and property values.</li> <li>• The community would appreciate as much information as Algonquin can share about the project to reduce their anxiety</li> <li>• Information about construction including the type of stone anticipated for use on the project, details of road construction and upgrades, choice of erectors and damage deposit would be well-received</li> <li>• Information about the Siemens 2.3MW turbines would be appreciated: Does it require a bigger generator? How much more cement? Is it just 2.3 x 33 = 75.9 thus eliminating 4 sites? How will Siemens support the project? What impact does the larger turbine have on road sizes, designs?</li> <li>• Some other questions that community members may want answered are:             <ul style="list-style-type: none"> <li>○ Where will the turbines be made? Is there domestic content?</li> <li>○ The economic case for building wind farms in Ontario.</li> <li>○ What work has already been completed to date as part of the Renewable Energy Approval process?</li> <li>○ Will the lights on the turbines affect the</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Seeing as Nancy Pearson had to leave the meeting early, Stantec will call Nancy to discuss her thoughts and ideas about the upcoming Public Open Houses. (Completed and additional comments have been included in these meeting notes.)</li> <li>• Algonquin/ Stantec to review the suggestions and consider updating the display material for the Public Open Houses to integrate suggestions from the Liaison Committee, where possible.</li> </ul>

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<p>views at night?</p> <ul style="list-style-type: none"> <li>○ Where are the Owl Woods? Could show the distance on the maps.</li> <li>○ Will the private landing strip on the Island be affected?</li> <li>○ Have these turbines been installed elsewhere (by Algonquin or other firms)?</li> <li>○ Is there an opportunity for the municipality to upgrade water infrastructure during road construction?</li> </ul> <ul style="list-style-type: none"> <li>● Some potential community benefits that could be illustrated are: <ul style="list-style-type: none"> <li>○ An estimated range of township taxes</li> <li>○ Improved road construction</li> <li>○ Opportunities for local employment</li> </ul> </li> </ul>	
<p><b>5. Review of Priorities and Concerns</b> Members raised the topics related to the project during the discussion of agenda items #3 and #4.</p>	<ul style="list-style-type: none"> <li>● None</li> </ul>
<p><b>6. Next Meeting Date and Adjourn</b> The group discussed the date of the next Liaison Committee meeting. It will be after the Public Open Houses, likely in late January or early February 2012.</p>	<ul style="list-style-type: none"> <li>● Next date to be confirmed with members as soon as possible.</li> </ul>

The meeting adjourned at 7:45pm.

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

**Algonquin Power Co.**

Sean Fairfield  
Manager – Environmental Planning  
Algonquin Power Co. (on behalf of Windelectric Inc.)