

# **Appendix I**

## **Stakeholder Consultation**



## **Appendix I1**

# **Notice of Commencement**



## Notice of Commencement of a Screening and Environmental Review under the Ontario Environmental Screening Process for Electricity Projects

### Ostrander Point Wind Energy Park



Gilead Power Corporation (Gilead) is planning to undertake a Screening and Environmental Review for a proposed wind energy facility (wind energy park) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, this wind energy park would consist of up to 12 wind turbines (capacity of approximately 20 MW). The project's study area is presented in the map to the left, generally found south of Highway 13, along the Lake Ontario shoreline, and within the Ostrander Point Crown Land Block and Resource Management Area. The Project is subject to the Ontario Ministry of the Environment, (Environmental Assessment Act, Electricity Projects Regulation 116/01) Environmental

Screening Process for electricity projects, as set out in its "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001). The process requires Gilead to undertake a Screening of the Project, and, if appropriate, a more detailed Environmental Review. Prior to the completion of the Screening, Gilead has identified that an Environmental Review is appropriate for this Project, and this notice is intended to meet the Notice of Commencement requirements for both the Screening and Environmental Review.

The Screening and Environmental Review will assess the potential impact of the proposed wind energy park on the biophysical and socio-economic environment during its construction, operation and decommissioning. Gilead has identified several environmental components that will be subject to further research in the Environmental Review, including birds, bats, noise and visual impact.

Public consultation will be an integral component of this study. Public, First Nation, and regulatory consultation will be conducted on an on-going basis to seek input on various components of the study. Dates and locations of these opportunities will be advertised in local newspapers. You are invited to provide comments on the issues to be addressed in the study, and/or to ask to be placed on the project's mailing list.

For information regarding the proposed project, contact:

**Michael J. Lord**  
Vice President  
**Gilead Power Corporation**  
150 King Street, East  
Suite 5E  
Peterborough, Ontario  
K9J 2R9  
Phone: (705) 750-1023 ext. 201  
Fax: (705) 750-1430  
Email: [mike.lord@gileadpower.com](mailto:mike.lord@gileadpower.com)



## **Appendix I2**

### **First Public Open House**





## INVITATION

Gilead Power Corporation is pleased to invite members of the community to an **OPEN HOUSE** to learn about plans for development of the Ostrander Point Wind Energy Park in the South Marysburgh Ward of Prince Edward County.

**Thursday January 17, 2008**

**South Marysburgh Hall**

**3076 County Road 10, South Milford**

**3pm to 5pm and 7pm to 9pm**

The Open House is an opportunity to meet the project team, to learn more about our plans and to ask questions.

We look forward to meeting you at the Open House.

**[www.gileadpower.com](http://www.gileadpower.com)**

# WELCOME

This Project,  
the Ostrander Point Wind Energy Park,  
is subject to the Ontario Ministry of the Environment's  
Environmental Screening Process for Electricity Projects.

We are now undertaking the work needed to support this  
environmental screening process.

Please sign in at the front desk.  
If you would like to be included on our mailing list and would  
like to receive future notices regarding this project, please also  
provide your mailing address,  
telephone,  
facsimile  
and/or email.

Please walk around and look at our displays  
to learn more about our project.

If you have any questions,  
please do not hesitate to ask our Public Open House personnel,  
or fill out one of our comment forms. Also, we would like you to  
tell us how you feel about our Project and about wind energy.

Please take a few minutes to answer the questions on the  
comment forms.

# WHO WE ARE

Gilead Power Corporation is a renewable energy development company dedicated to converting wind, biomass and hydro resources into clean electricity. Established in 2004, with headquarters in Peterborough, Ontario, we are a privately-owned company and a member in good standing of the Canadian Wind Energy Association.

Currently, Gilead Power has 1000 MW of clean energy under development in Eastern, Northeastern, North Central and Southern Ontario.

We are as committed to clean energy from renewable sources as we are to establishing strong ties to the communities in which we operate. Our promise is to work in a spirit of collaboration and openness with government, environmental groups and the community, and to strive for sustainable results.

These are the values that fuel everything we do.

# WHAT IS WIND ENERGY?

Wind energy is a form of solar energy. Sunlight falling on oceans and continents causes air to warm and rise. Cooler air rushes into the space left by the risen air, which in turn generates surface winds. Wind energy systems capture the energy in wind using large blades mounted on tall towers called turbines. The wind turns the blades and the blades rotate a generator, which produces electricity.

Wind energy is a very clean source of energy. It does not produce air emissions or hazardous waste. It offsets the emissions of other energy sources, thus reducing our contribution to global climate change.

By using wind instead of burning coal to power 200 homes (2,000,000 kWh), roughly 900,000 kilograms of coal stay in the ground and annual greenhouse gas emissions are reduced by 2,000 tonnes. This has the same positive impact as taking 417 cars off the road or of planting 10,000 trees.

Wind energy generation avoids the production of greenhouse gases, sulphur dioxide, carbon dioxide, nitrogen oxide, heavy metals and particulate matter - compounds which are linked to smog, acid rain and myriad health problems.

# WIND ENERGY IN CANADA

Canada's current installed capacity of wind energy is 1,770 MW - enough to power 537,000 Canadian homes or the equivalent of 0.75% of total electricity demand.

Ontario currently has 415 MW of installed wind energy capacity.

The Province of Ontario is encouraging the development of renewable energy projects, including wind energy, as part of its solution to the Province's energy supply challenge. It is estimated that Ontario needs between 2500 and 3000 new megawatts in order to meet this goal.

Renewable energy sources such as wind energy not only alleviate the need for 'dirty' energy produced from coal, they also off-set the need for construction of costly nuclear generation plants.



# OSTRANDER POINT WIND ENERGY PROJECT

Gilead Power is working towards the development of up to 12 wind turbines at Ostrander Point in Prince Edward County. This project will span approximately 324 hectares of Crown land.

Altogether, the turbines will be able to generate approximately 20 MW of clean electricity - enough to power 5,000 typical homes.

This map shows the proposed location of the turbines. Views are also shown on display boards 11 and 12.

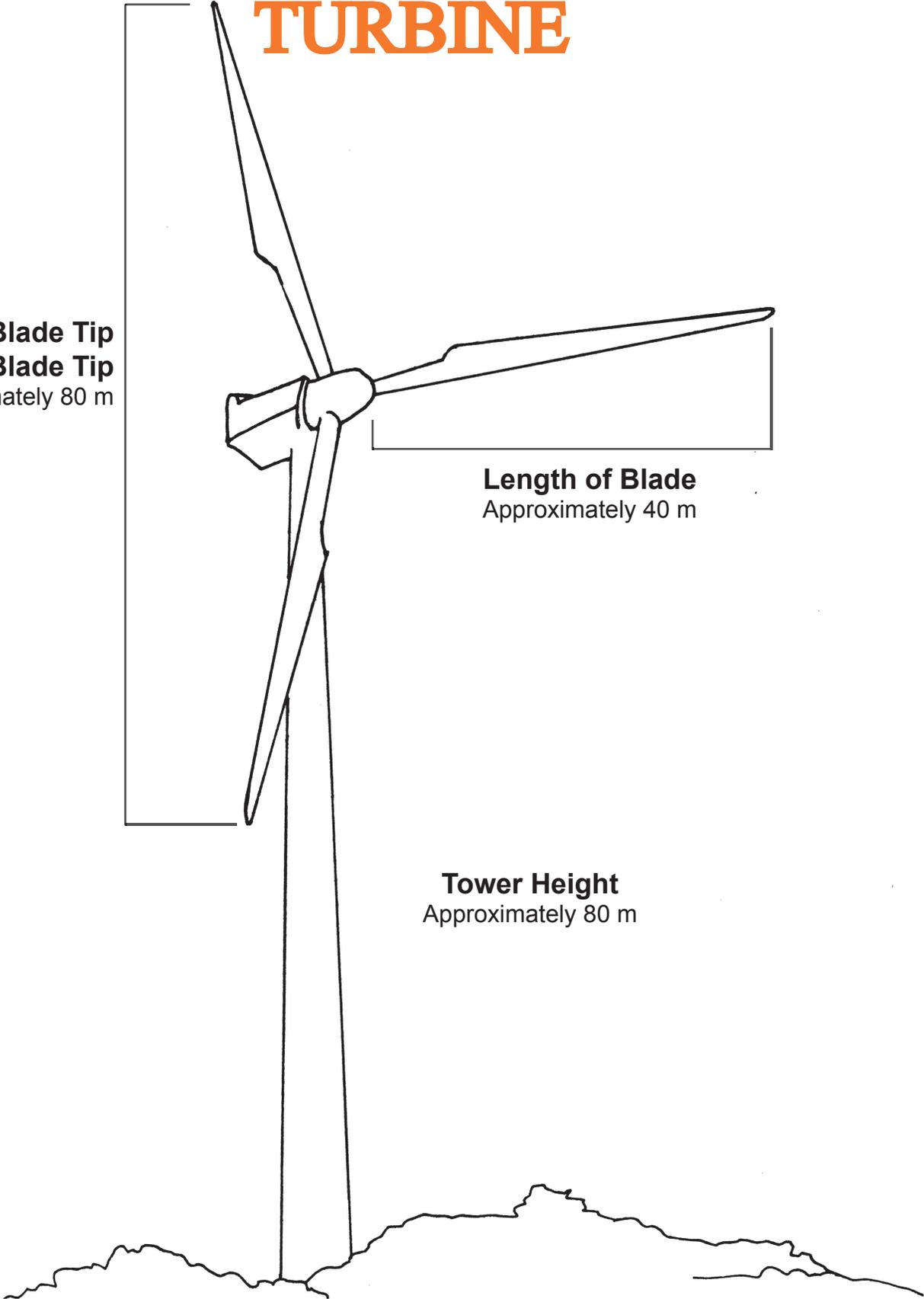


# SIZE OF A TYPICAL WIND TURBINE

**Diameter Blade Tip  
to Blade Tip**  
Approximately 80 m

**Length of Blade**  
Approximately 40 m

**Tower Height**  
Approximately 80 m



# HOW DO WIND TURBINES WORK?

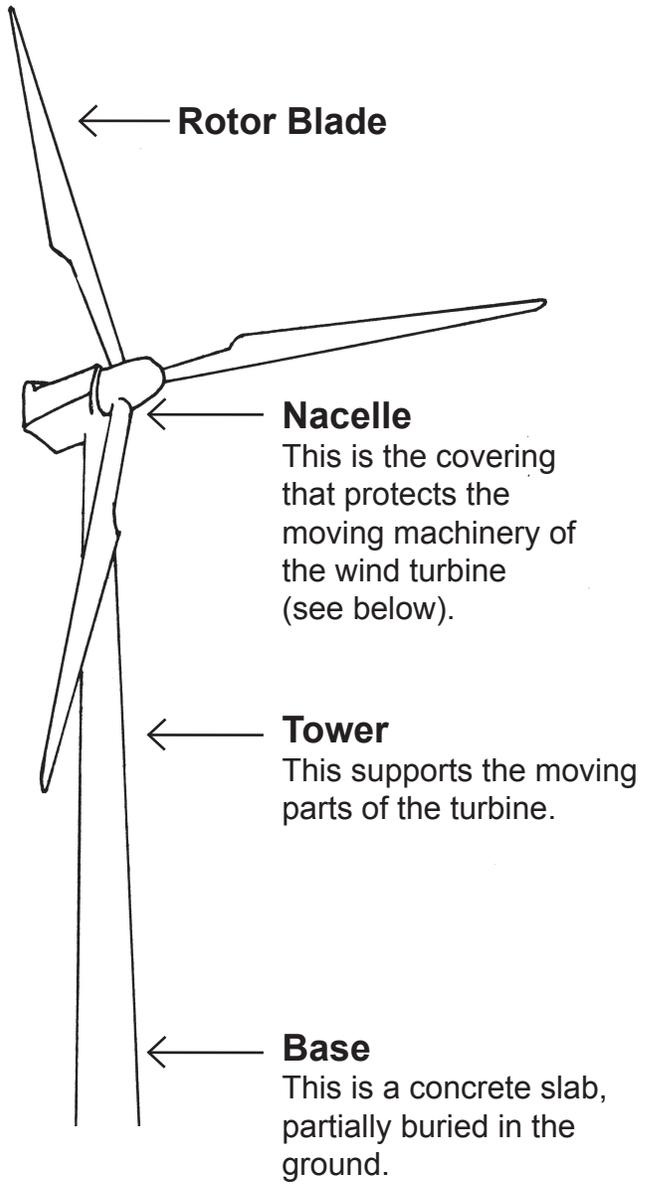
Typical wind turbines generate up to 2 MW of clean energy.

Wind turbines adjust the direction and angle of their blades in order to get the maximum benefit from the wind. The blades make these adjustments when they receive information sent by wind sensors on the nacelle.

When the wind blows, the turbine blades turn at an average rate of 8 revolutions per minute (rpm). The speed at which the blades turn depends on the speed of the wind.



- 1. Main Carrier
- 2. Yaw Motors
- 3. Annular Generator
- 4. Blade Adaptor
- 5. Rotor Hub
- 6. Rotor Blade



# SOFTER THAN NORMAL CONVERSATION

If you were to stand 400 metres from the kind of wind turbine we are proposing to build at Ostrander Point, the sound coming from the blades would be softer than normal conversation (typically 60 to 70 decibels).

This chart shows sound levels in several other common applications.



# WILDLIFE AT OSTRANDER POINT

Based on studies completed by our environmental consultants, we know that Ostrander Point has a high diversity of habitat types that support a variety of species.

Twelve different species of mammals and 21 species of reptiles and amphibians live within the project area, as does a bat community similar to those found in other areas across Southern Ontario.

Our goal is to work with local naturalists, environmental groups and the community to ensure we are responsible custodians and developers of the Ostrander Point site.



Northern Leopard Frog



Eastern Garter Snake



White-tailed Deer



Blanding's Turtle



Raccoon

# BIRDS OF PRINCE EDWARD COUNTY

Ostrander Point has been identified in scientific literature as being an important bird area.

A total of 310 species of birds, mainly migrants, have been sighted in this area. These include: Song Sparrows, Yellow Warblers, Savannah Sparrows, Field Sparrows and the Common Yellowthroat.

Studies by our environmental consultants during breeding season found no Loggerhead Shrikes, Henslow's Sparrows or any other species deemed to be at risk.

Gilead will conduct all the studies that are required by the Ministry of Natural Resources and Environment Canada and will comply with existing legislation designed to safeguard these precious resources.



Turkey Vulture



Savannah Sparrow



Northern Cardinal

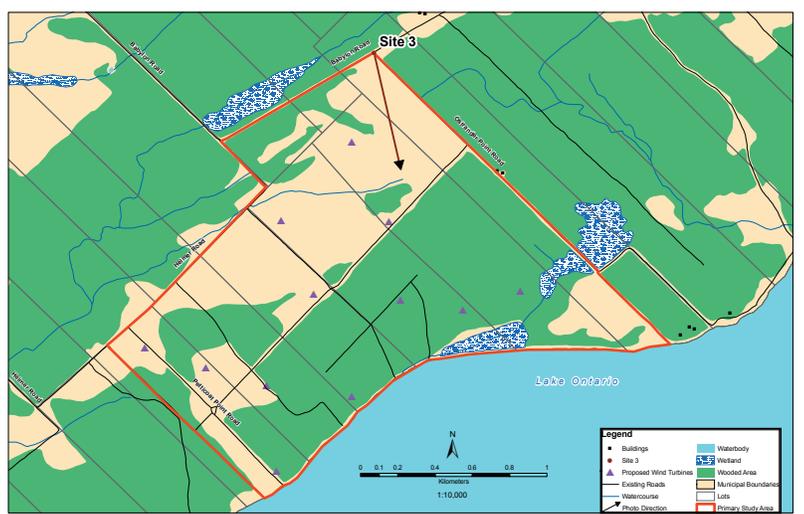
# DEVELOPMENT PROCESS

<p style="text-align: center;"><b>Field Work</b> Spring Avian Migration Monitoring Breeding Bird Surveys Fall Avian Migration Monitoring Plant Surveys</p>	<p>Spring, Summer and Fall 2006</p>
<p>Commencement of Environmental Screening Notice published in the County Gazette, Picton Gazette, Belleville/Trenton Community Press, County Weekly News and Belleville Intelligencer (Week of December 10-15, 2007)</p>	<p>December 2007</p>
<p style="text-align: center;">Environmental Screening Draft Screening Criteria Checklist</p>	<p>December 2007</p>
<p style="text-align: center;"><b>Public Consultation process begins and will be ongoing</b></p>	<p style="text-align: center;"><b>January 2008</b></p>
<p style="text-align: center;">Field Work Winter Bird Surveys</p>	<p>January/February 2008</p>
<p style="text-align: center;">Final Report Assessment of Potential Effects</p>	<p>March 2008</p>
<p style="text-align: center;">Notice of Completion To be published in local newspapers and mailed to distribution list</p>	<p>April 2008</p>
<p style="text-align: center;">30 day Review Period</p>	<p>April 2008</p>
<p style="text-align: center;">Field Work Bat Monitoring</p>	<p>Summer 2008</p>
<p style="text-align: center;">Construction Begins</p>	<p>Fall 2009</p>
<p style="text-align: center;">Ostrander Point project becomes operational</p>	<p>2010</p>

# OSTRANDER POINT: A PHOTO MONTAGE



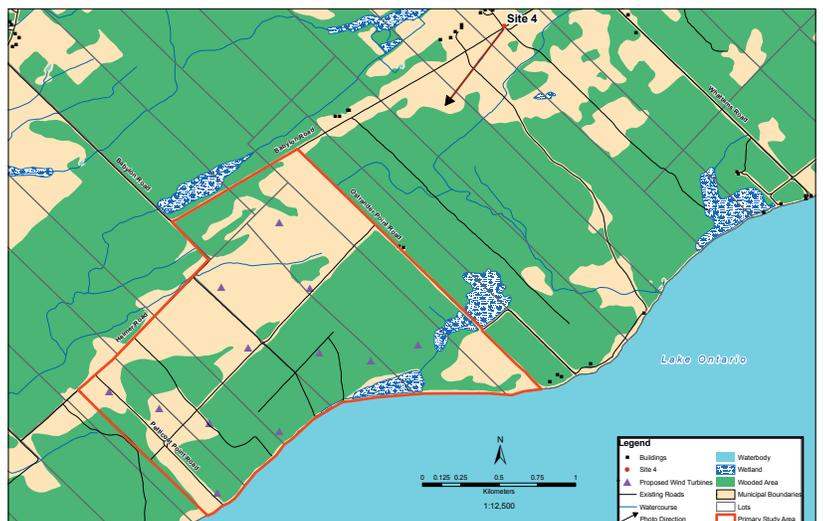
View of the Ostrander Point Wind Energy Park from the intersection of Babylon Road and Ostrander Point Road looking south at the turbines.



# OSTRANDER POINT: A PHOTO MONTAGE

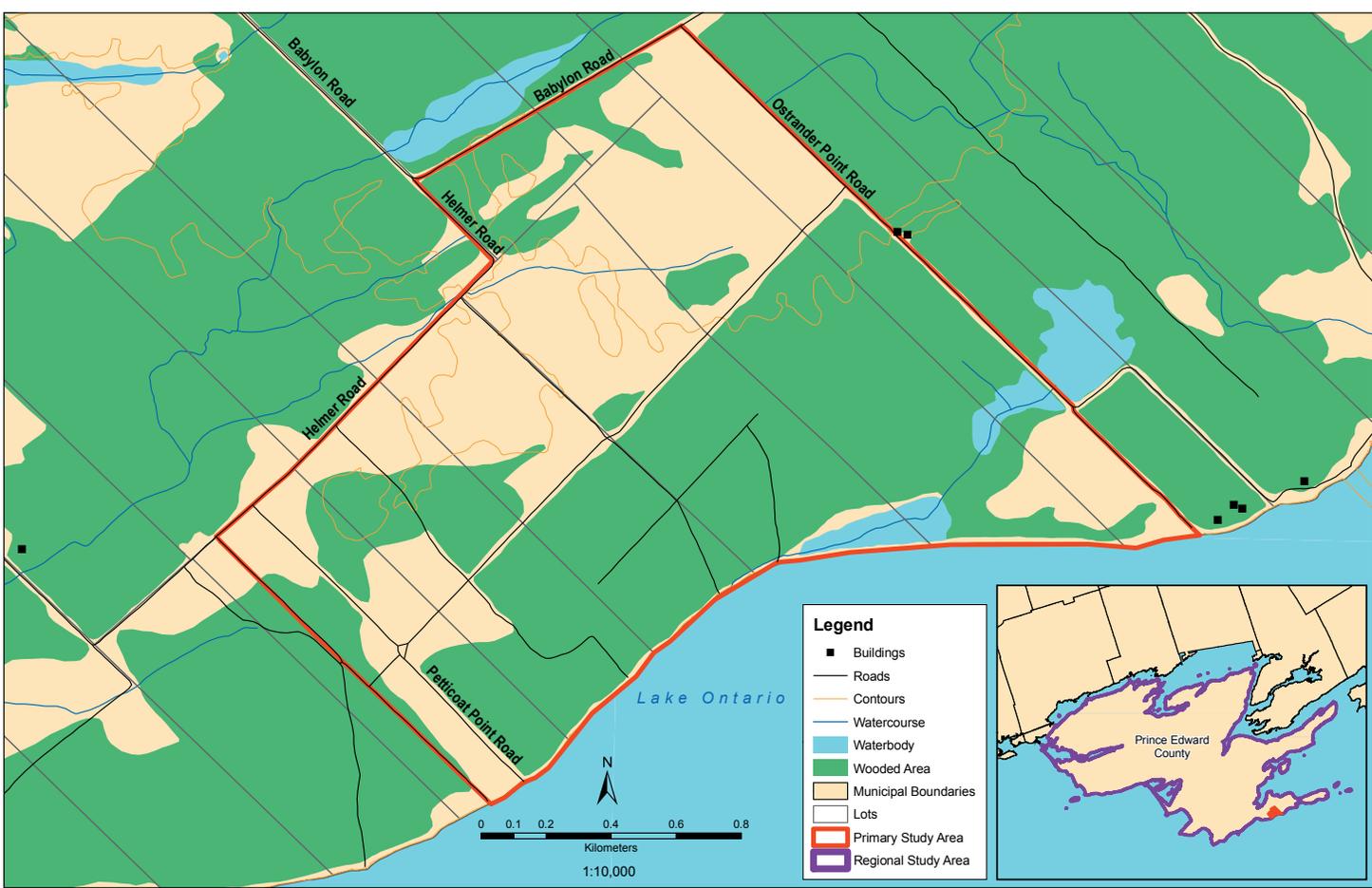


View of the Ostrander Point Wind Energy Park along Babylon Road (west of Whattams Road) looking southwest at the turbines.



# PROJECT DESCRIPTION

The proposed Project is to be located on Crown land. The Ontario Ministry of Natural Resources provides opportunities for Crown land to be used to develop renewable energy projects. Gilead Power Corporation will be following the Ontario Ministry of Natural Resources Class Environmental Assessment for MNR Resource Stewardship and Facility Development Project, coordinated with the requirements for an environmental screening and review under the Electricity Projects Regulation (Ontario Regulation 116/01) under the Ontario *Environmental Assessment Act* for their proposed Ostrander Point Wind Energy Park.



# THANK YOU

Thank you for attending our Public Open House!  
We hope that we have answered all of your questions  
and provided you with information on the  
Ostrander Point Wind Energy Park.

Please take the time to fill out a comment form  
and tell us what you think of the project and identify any concerns  
you may have related to the project.

If you have any additional questions that were not answered here  
at the Public Open House, or if you have any further comments  
that you would like to express, please feel free to include them  
on the comment form, and provide us with your name and  
contact information (telephone and/or facsimile number, mailing  
address, email).

Alternatively, you can send your questions or comments to us at  
the addresses and numbers listed in your handout.



**Proposed Ostrander Point Wind Energy Park  
 Public Open House,  
 Thursday January 17, 2008**

**Feedback Form**

Did you receive sufficient information about wind energy and our proposed project?	Yes	No
Did you have any concerns prior to attending this Public Information Session?	Yes	No
If you did have concerns, were they addressed in a satisfactory manner? If not, how can we best address your concerns? Please provide comments below.	Yes	No
After attending this information session, do you feel that wind energy is a good way to generate electricity?	Yes	No
Are you in favour of building a wind energy facility at the Ostrander Point site?	Yes	No

Additional comments or questions (feel free to use the back or additional sheets):

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Would you like to be added to our mailing list to receive future communications and notices regarding this project and the environmental assessment?

Name:	
Address:	
Phone:	Fax:
Email:	

Thank You!  
 Visit our website for Project updates [www.gileadpower.com](http://www.gileadpower.com).  
 Please return by February 1, 2008



Thank You!  
Visit our website for Project updates [www.gileadpower.com](http://www.gileadpower.com).  
Please return by February 1, 2008

## **Appendix I3**

### **Notice of Modification**

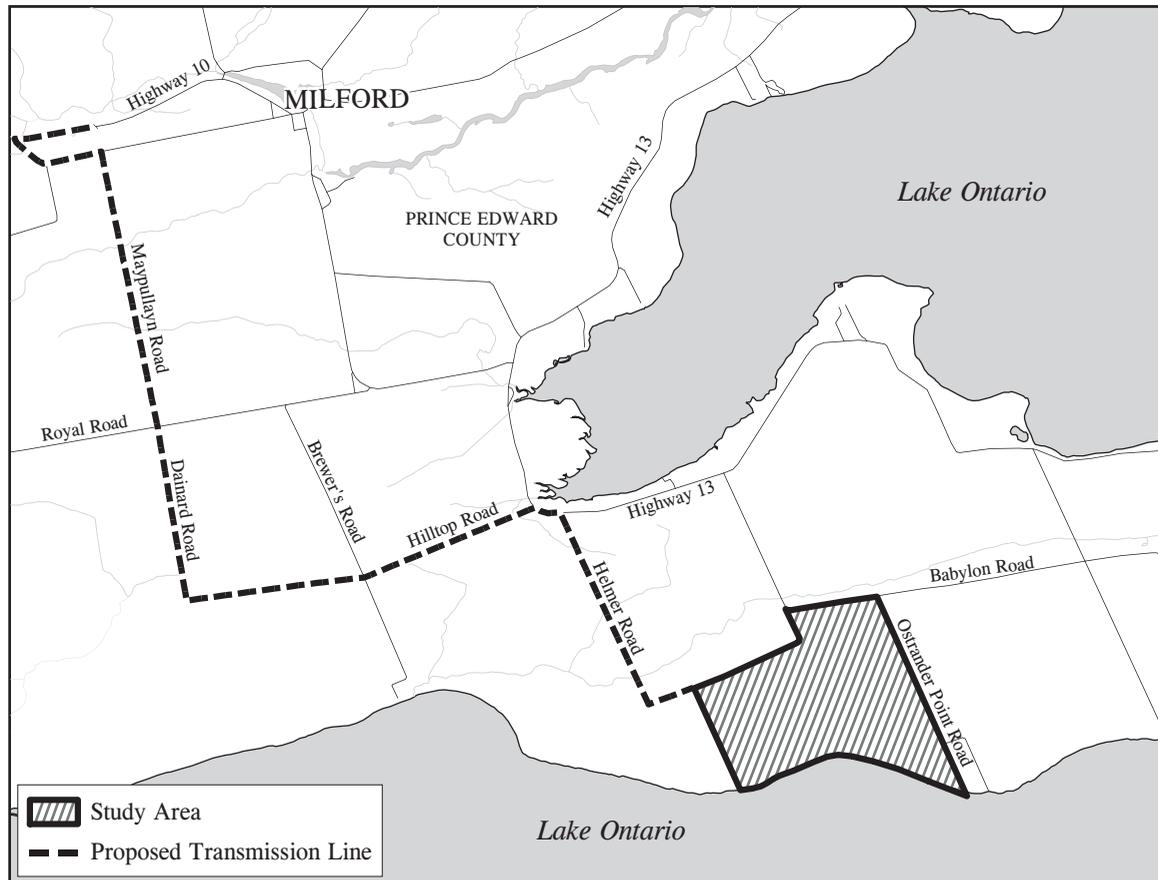


# NOTICE OF MODIFICATION

## Ostrander Point Wind Energy Park

Gilead Power Corporation (Gilead) is continuing with an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated transmission line.

The wind turbines will be located south of County Road 13, within the Ostrander Point Crown Land Block and Resource Management Area. Electricity from the wind turbines will be transmitted to the provincial grid via a 44 kV transmission line that will extend from the proposed Ostrander Point Substation, south to the Milford Distribution Station. The Study Areas for these project components are shown on the inset map.



A Notice of Commencement of an Environmental Screening and Review for the Project was originally published and distributed during the week of December 10, 2007. As described in that notice, Gilead is undertaking a detailed Environmental Review as per Ontario Regulation 116/01 of the *Environmental Assessment Act* and as outlined in the Ontario Ministry of the Environment's "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).

This Notice of Modification is intended to introduce Stantec Consulting Ltd. (Stantec) who has been retained by Gilead to prepare the Environmental Review and to inform you that Stantec is currently compiling the environmental and socio-economic features inventory of the Study Areas, assessing the potential effects of the Project and writing a Draft Environmental Review Report. Gilead and Stantec are also planning a second Public Open House, which will likely be held in late summer. In the months ahead, notices will be advertised in local newspapers and sent by direct mail to those known to be interested in the Project. In the interim, your input and questions are encouraged. To provide the study team with your comments, or for further information, please email us at [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com), or call Stantec at (519) 836-6050.

Written comments can also be mailed to:

**Mark Kozak, Environmental Scientist**  
**Stantec Consulting Ltd.**  
**361 Southgate Drive, Guelph, Ontario, N1G 3M5**

*Information will be collected and used in accordance with the Environmental Assessment Act, and solely for the purpose of assisting Gilead in meeting environmental assessment and local planning requirements. This material will be maintained on file for use during the study and may be included in project documentation. All comments will become part of the public record.*





**Stantec**

**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

---

May 20, 2008  
File: 160960369

Agency  
Address  
City, Province  
Postal\_Code

**Attention:      Title. FirstName LastName, Position**

Dear Title. LastName:

**Reference:      Notice of Modification  
                    Ostrander Point Wind Energy Park**

Gilead Power Corporation (Gilead) is continuing with an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

A Notice of Commencement of an Environmental Screening and Review for the Project was originally published and distributed during the week of December 10, 2007. As described in that notice, Gilead is undertaking a detailed Environmental Review in accordance with Ontario Regulation 116/01 of the *Environmental Assessment Act* and as outlined in the Ontario Ministry of the Environment's "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).

The purpose of this letter and the attached Notice of Modification is to update you about Gilead's ongoing Project activities and to also introduce Stantec Consulting Ltd. (Stantec), who has been retained by Gilead to complete the Environmental Review.

Stantec is currently compiling the environmental and socio-economic features inventory for the Project Study Area, assessing the potential effects of the Project and writing a Draft Environmental Review Report. Specifically, Stantec is currently seeking information regarding:

- Policies or guidelines implemented by your agency that may affect construction and operation of the Project;
- Background information that may be useful in compiling an environmental inventory within the general area of study; and
- Other projects (e.g. type, size, location, development phase, etc.) proposed within or adjacent to the general area of study for incorporation in the ERR.

**Reference: Notice of Modification  
Ostrander Point Wind Energy Park**

As a means to further consult with the local community, government agencies and other stakeholders, Gilead and Stantec are also planning a second Public Open House for later in the summer. In the months ahead, notices will be advertised in local newspapers and sent by direct mail to those known to be interested in the Project. In the interim, your input and questions are encouraged. To provide the study team with your comments, or for further information, please email us at [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com), or call Stantec at **(519) 836-6050**.

Written comments can also be mailed to:

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5

Kind Regards,

**STANTEC CONSULTING LTD.**



Mark Kozak  
Environmental Scientist  
Tel: (519) 836-6050  
Fax: (519) 836-2493

Attachment: Notice of Modification



**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

**Stantec**

May 20, 2008  
File: 160960369

Mohawks of the Bay of Quinte  
13 Old York Road, #RR1  
Tyendinaga, Mohawk Territory, Ontario  
K0K 1X0

Dear Chief R. Donald Maracle and Council:

**Reference: Notice of Modification  
Ostrander Point Wind Energy Park**

Further to Gilead Power Corporation's (Gilead) earlier correspondence, the 04 February 2008 meeting between Tyendinaga Mohawk Council, the Ministry of Natural Resources and Gilead representatives, and your letter of 06 February 2008, we are writing to update you about Gilead's ongoing Project activities.

We are also writing to introduce ourselves, Stantec Consulting Ltd. (Stantec), as Gilead's Environmental Consultant. Gilead has engaged Stantec to complete the Environmental Review. We are currently compiling the environmental and socio-economic features inventory for the Project Study Area, as well as assessing the potential effects of the Project and writing a Draft Environmental Review Report.

Stantec will be conducting an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

A Notice of Commencement of an Environmental Screening and Review for the Project was originally published and distributed during the week of December 10, 2007. As described in that notice, Gilead is undertaking a detailed Environmental Review in accordance with Ontario Regulation 116/01 of the *Environmental Assessment Act* and as outlined in the Ontario Ministry of the Environment's "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).

As a means to further inform the Mohawks of the Bay of Quinte, the local community, government agencies and other stakeholders, Gilead and Stantec are also planning a second Public Open House for late summer. In follow-up to the February 4, 2008 meeting between Gilead and Mohawks of the Bay of Quinte (MBQ), Gilead is prepared to conduct an Open House on Tyendinaga, upon the invitation of the Chief and Council of the MBQ. In the months ahead, notices will be advertised in local newspapers and sent by direct mail to those known to be interested in the Project. In the interim, your input and questions are encouraged. To provide the study team with your comments, or for further information, please email us at [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com), or call Stantec at (519) 836-6050.

Written comments can also be mailed to:

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5

Kind Regards,

**STANTEC CONSULTING LTD.**

Mark Kozak  
Environmental Scientist  
Attachment: Notice of Modification

CC. Marnie Oliver, Gilead Power Corporation





**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

---

**Stantec**

May 20, 2008  
File: 160960369

Landowner / Resident  
«Address»

Dear Landowner / Resident:

**Reference: Notice of Modification  
Ostrander Point Wind Energy Park**

Gilead Power Corporation (Gilead) is continuing with an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

A Notice of Commencement of an Environmental Screening and Review for the Project was originally published and distributed during the week of December 10, 2007. As described in that notice, Gilead is undertaking a detailed Environmental Review in accordance with Ontario Regulation 116/01 of the *Environmental Assessment Act* and as outlined in the Ontario Ministry of the Environment's "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).

The purpose of this letter and the attached Notice of Modification is to update you about Gilead's ongoing Project activities and to also introduce Stantec Consulting Ltd. (Stantec), who has been retained by Gilead to complete the Environmental Review. Stantec is currently compiling the environmental and socio-economic features inventory for the Project Study Area, assessing the potential effects of the Project and writing a Draft Environmental Review Report.

As a means to further consult with First Nations, the local community, government agencies and other stakeholders, Gilead and Stantec are also planning a second Public Open House for later in the summer. In the months ahead, notices will be advertised in local newspapers and sent by direct mail to those known to be interested in the Project. In the interim, your input and questions are encouraged. To provide the study team with your comments, or for further information, please email us at [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com), or call Stantec at **(519) 836-6050**.

Written comments can also be mailed to:

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5

Kind Regards,

**STANTEC CONSULTING LTD.**

Mark Kozak  
Environmental Scientist

Attachment: *Notice of Modification*





**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

---

**Stantec**

May 20, 2008  
File: 160960369

Dear Landowner/Tenant:

**Reference: Notice of Modification  
Ostrander Point Wind Energy Park**

Gilead Power Corporation (Gilead) is continuing with an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

A Notice of Commencement of an Environmental Screening and Review for the Project was originally published and distributed during the week of December 10, 2007. As described in that notice, Gilead is undertaking a detailed Environmental Review in accordance with Ontario Regulation 116/01 of the *Environmental Assessment Act* and as outlined in the Ontario Ministry of the Environment's "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).

The purpose of this letter and the attached Notice of Modification is to update you about Gilead's ongoing Project activities and to also introduce Stantec Consulting Ltd. (Stantec), who has been retained by Gilead to complete the Environmental Review. Stantec is currently compiling the environmental and socio-economic features inventory for the Project Study Area, assessing the potential effects of the Project and writing a Draft Environmental Review Report.

As a means to further consult with the local community, government agencies and other stakeholders, Gilead and Stantec are also planning a second Public Open House for later in the summer. In the months ahead, notices will be advertised in local newspapers and sent by direct mail to those known to be interested in the Project. In the interim, your input and questions are encouraged. To provide the study team with your comments, or for further information, please email us at [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com), or call Stantec at **(519) 836-6050**.

Written comments can also be mailed to:

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5

Kind Regards,

**STANTEC CONSULTING LTD.**

Mark Kozak  
Environmental Scientist

Attachment: Notice of Modification



## **Appendix I4**

# **Second Public Open House**



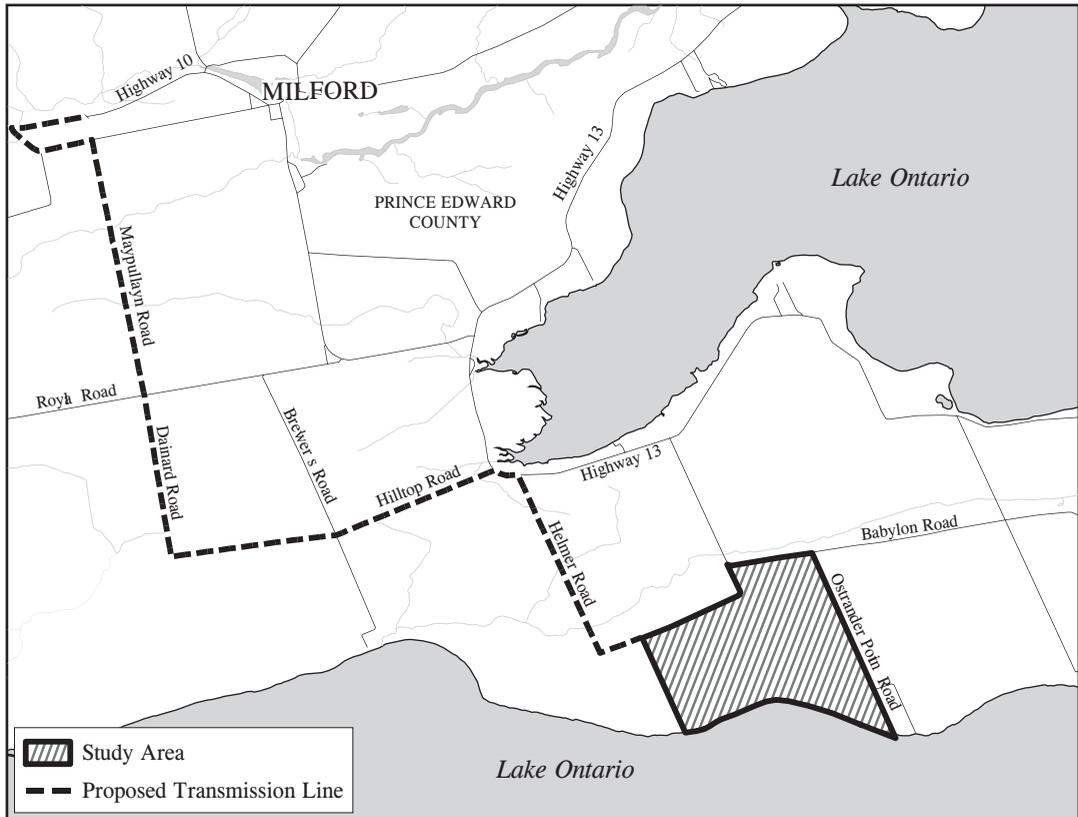
# NOTICE OF PUBLIC OPEN HOUSE

## Ostrander Point Wind Energy Park

Gilead Power Corporation (Gilead) is continuing with an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project will consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

Gilead has retained Stantec Consulting Ltd. (Stantec), to prepare an Environmental Review Report ("ERR") as per Ontario Regulation 116/01 of the Environmental Assessment Act and as outlined for a "Category B" project under the Ministry of the Environment's screening process, outlined in their "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).

As a means to further consult with the local community, government agencies and other stakeholders, Gilead and Stantec would like to invite you to a Public Open House:



**When:** August 28, 2008  
**Time:** 4:00 to 6:00 p.m. and 7:00 to 9:00 p.m.  
**Where:** Crystal Palace  
375 Main Street  
Picton, Ontario

This Public Open House will provide the opportunity for stakeholders to review displays of the Project layout, the environmental screening process, as well as to provide comments to the project team. We hope that you will attend the Open House, but if you are not able to join us, as always, we welcome your input. To provide the project team with your comments or for further information, please email us at [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com), or call Stantec at **(519) 836-6050**.

Written comments can also be mailed or faxed to:

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5  
(519) 836-2493



Additional information about the Ostrander Point Wind Energy Park, including ongoing opportunities for public input, will be provided as the Project progresses and will be available on the Project website ([www.gileadpower.com](http://www.gileadpower.com)).

*Information will be collected and used in accordance with the Environmental Assessment Act and Freedom of Information and Protection of Privacy Act solely for the purpose of assisting Gilead in meeting environmental assessment, regulatory and local planning approval requirements. This material, including personal information such as name, address, property location and other contact information, will be maintained on file for use during the study and may be included in Project documentation, unless otherwise requested. All comments will become part of the public record.*





**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

---

**Stantec**

August 8, 2008  
File: 160960369

Agency  
Address  
City, Province  
Postal\_Code

**Attention: Title. FirstName LastName, Position**

Dear Title. LastName:

**Reference: Notice of Public Open House  
Ostrander Point Wind Energy Park**

Gilead Power Corporation (Gilead) is continuing with an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

The purpose of this letter and the attached Notice of Public Open House is to invite you to a Public Open House:

**When:** August 28, 2008

**Time:** 4:00 to 6:00 p.m. and 7:00 to 9:00 p.m.

**Where:** Crystal Palace, 375 Main Street, Picton, Ontario

This Public Open House will provide the opportunity for stakeholders and agencies to review displays of the project layout, the environmental screening process, as well as to provide comments to the project team. We hope that you will attend the Open House, but if you are not able to join us, as always, we welcome your input. To provide the project team with your comments, or for further information, please email us at **[ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com)**, or call Stantec at **(519) 836-6050**.

Written comments can also be mailed or faxed to:

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5  
(519) 836-2493

Kind Regards,

**STANTEC CONSULTING LTD.**

Mark Kozak  
Environmental Scientist  
Tel: (519) 836-6050  
Fax: (519) 836-2493

Attachment: Notice of Public Open House





**Stantec**

**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

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August 8, 2008  
File: 160960369

Dear Stakeholder:

**Reference: Notice of Public Open House  
Ostrander Point Wind Energy Park**

Gilead Power Corporation (Gilead) is continuing with an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

As a member of our Project mailing list, Gilead and Stantec would like to personally invite you to a Public Open House:

**When:** August 28, 2008

**Time:** 4:00 to 6:00 p.m. and 7:00 to 9:00 p.m.

**Where:** Crystal Palace, 375 Main Street, Picton, Ontario

This Public Open House will provide the opportunity for stakeholders to review displays of the project layout, the environmental screening process, as well as to provide comments to the project team. We hope that you will attend the Open House, but if you are not able to join us, as always, we welcome your input. To provide the project team with your comments, or for further information, please email us at **[ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com)**, or call Stantec at **(519) 836-6050**.

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Kind Regards,

**STANTEC CONSULTING LTD.**

Mark Kozak  
Environmental Scientist  
Tel: (519) 836-6050  
Fax: (519) 836-2493

Attachment: Notice of Public Open House



# Ostrander Point Wind Energy Park



## What is the Purpose of this Open House?

- To update you on the status of the Ostrander Point Wind Energy Park Project and the Environmental Screening Process.
- To share with you the results of the studies that have been completed to date.
- To receive stakeholder input on the Project and identify stakeholder issues to be considered during the Environmental Screening Process.





# Ostrander Point Wind Energy Park



## The Ontario Government and Renewable Energy

- The Ontario Power Authority (OPA) is responsible for determining the long term energy supply mix for the Province of Ontario.
- Through the Integrated Power System Plan, the Government of Ontario has set targets of doubling the amount of energy derived from renewable sources by the year 2025 and specifically increasing the amount of renewable energy produced by 2,700 MW by the year 2010.
- To reach these goals, the government has committed to increase the energy derived from wind by 1,251 MW by the year 2010, and is planning another increase of wind energy by 3,039 MW by the year 2025.

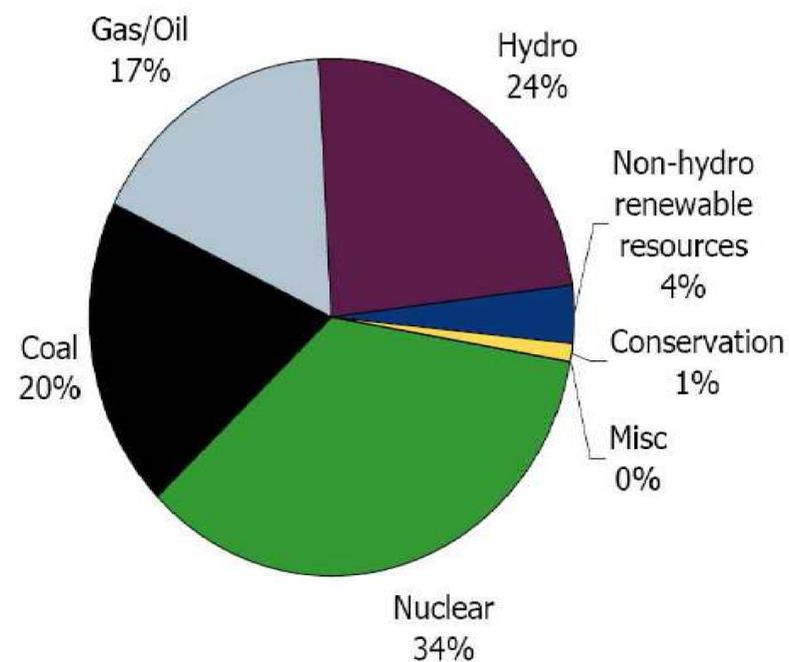
# Ostrander Point Wind Energy Park



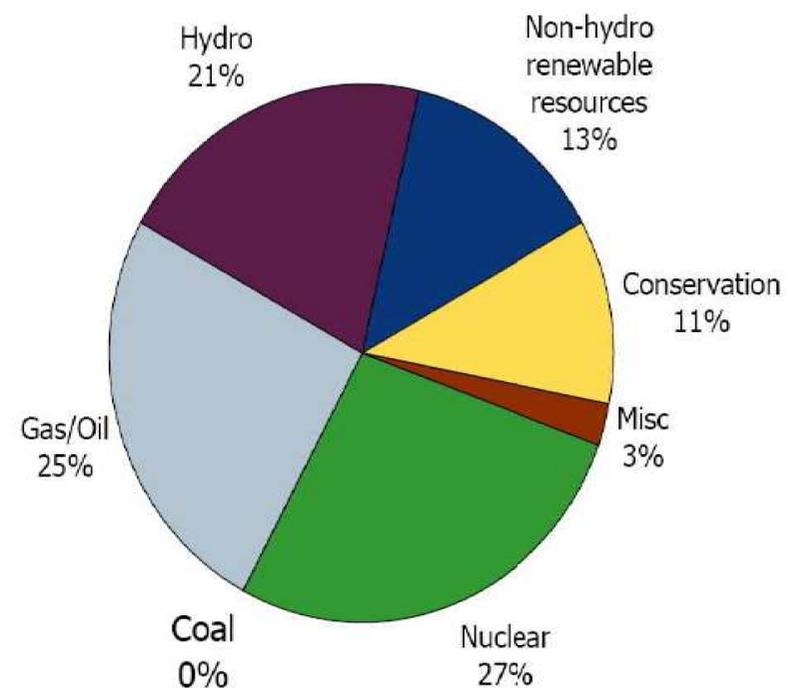
## Ontario's Energy Mix

- As of August 2007, 395 MW of energy was derived from wind, thus illustrating the need for new wind power developments in order to meet Ontario's objectives.
- It is through renewable initiatives, like the Ostrander Point Wind Energy Park, that the Government of Ontario is working to achieve its energy objectives.

Installed Generation and Conservation 2007



Planned Generation and Conservation 2027







# Ostrander Point Wind Energy Park



## Environmental Benefits

- The following are the environmental benefits of wind energy:
  - It is pollution free.
  - It doesn't contribute to smog or acid rain.
  - Compared to other forms of conventional electricity generation, wind power leaves a small environmental footprint; and,
  - Generating energy from wind leaves behind no hazardous or toxic wastes, uses no water and doesn't contribute to climate change.

**Environmental Impact of Electricity Sources Summary Table**

	Wind	Nuclear	Coal	Natural Gas
Global Warming Pollution	None	None	Yes	Yes
Air Pollution	None	None	Yes	Limited
Mercury	None	None	Yes	None
Mining/Extraction	None	Yes	Yes	Yes
Waste	None	Yes	Yes	None
Water Use	None	Yes	Yes	Yes
Habitat Impacts	Yes	Yes	Yes	Yes

Source: AWEA/fact sheets/Wind Energy and Wildlife/If Not Wind, Then..?

# Ostrander Point Wind Energy Park



## About the Environmental Screening Process

- The Environmental Screening Process (ESP) is a self-assessment process, outlined by the Ontario Ministry of the Environment for electricity projects under Ontario Regulation 116/01 of the Environmental Assessment Act.
- Through the ESP, all projects are required to undertake an Environmental Screening; projects which require further study, are subject to an Environmental Review.
- As a result of the more detailed studies and assessment being undertaken for the project, Gilead has voluntarily elevated the Environmental Screening Report to an Environmental Review Report (ERR).
- The ERR will be a comprehensive document that will include multiple separate technical studies.
- Gilead believes an ERR is the appropriate level of assessment for this renewable energy initiative.



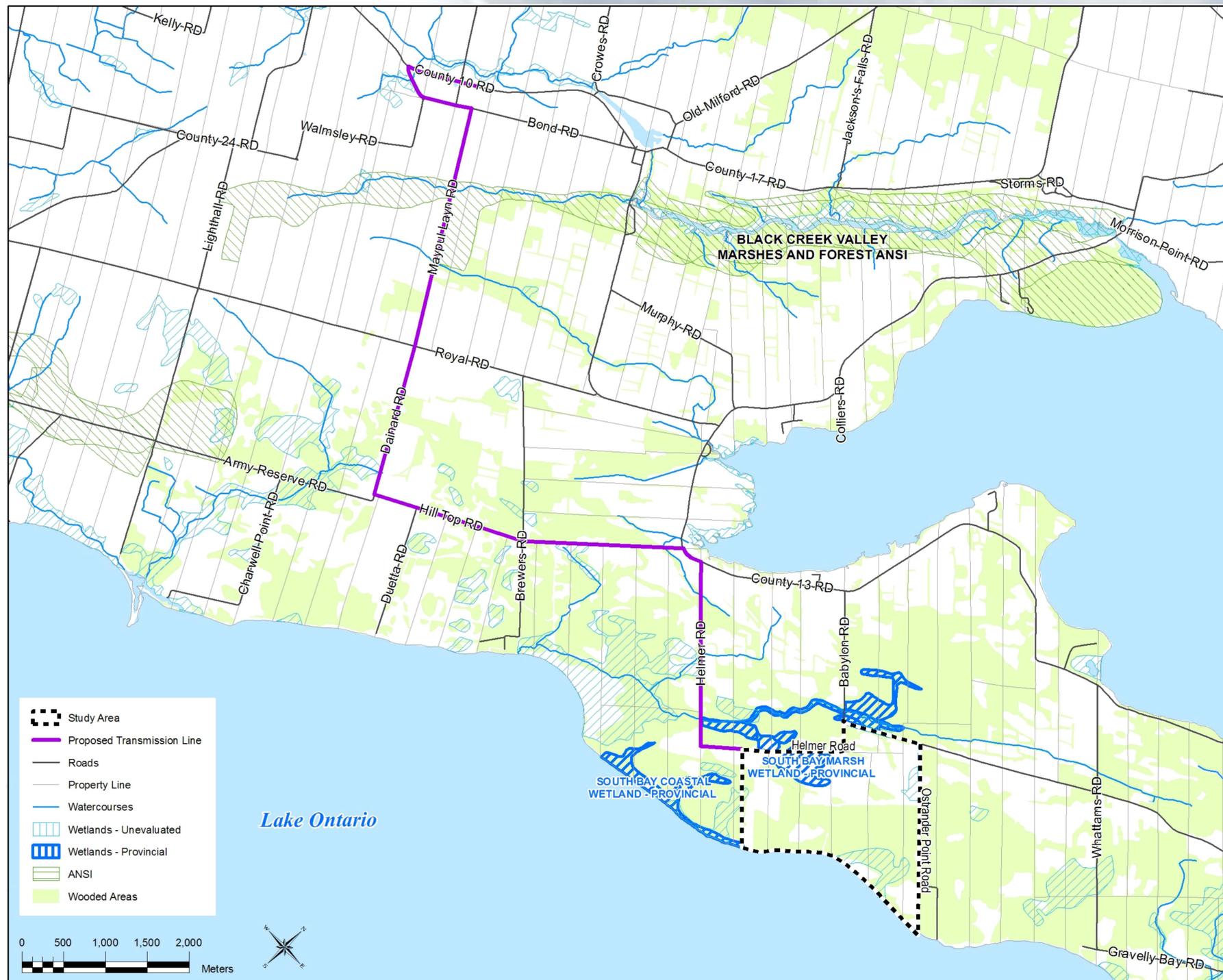
# Ostrander Point Wind Energy Park



## Environmental Research

- Technical research such as bird, bat and aquatic studies have been and continue to be carried out on site (amphibian surveys, a staging waterfowl study during spring migration and breeding bird work was completed in the spring and summer of 2008).
  - A radar study of spring migration was completed in cooperation with Acadia University in May of 2008. The results are currently being analyzed. A radar study of fall migration is ongoing in conjunction with an acoustic study of bats.
  - Few waterfowl were observed within the Study Area and the breeding bird community in the Study Area was characteristic of scrubland, with few grassland birds. No rare or significant bird species are known to occur in the Study Area. Blanding's turtle, a federally and provincially threatened species, has been found within the Study Area.
- Additional studies include: shadow flicker analysis, environmental noise impact assessment, property value assessment and visual impact assessment.
- Ontario data suggests that wind farms have a neutral or positive effect on property values; which is consistent with international trends and experiences.
- Gilead will be adhering to the most stringent noise guidelines during the operation of the wind plant.

# Ostrander Point Wind Energy Park



**Natural and  
Socio-Economic  
Features**





# Ostrander Point Wind Energy Park



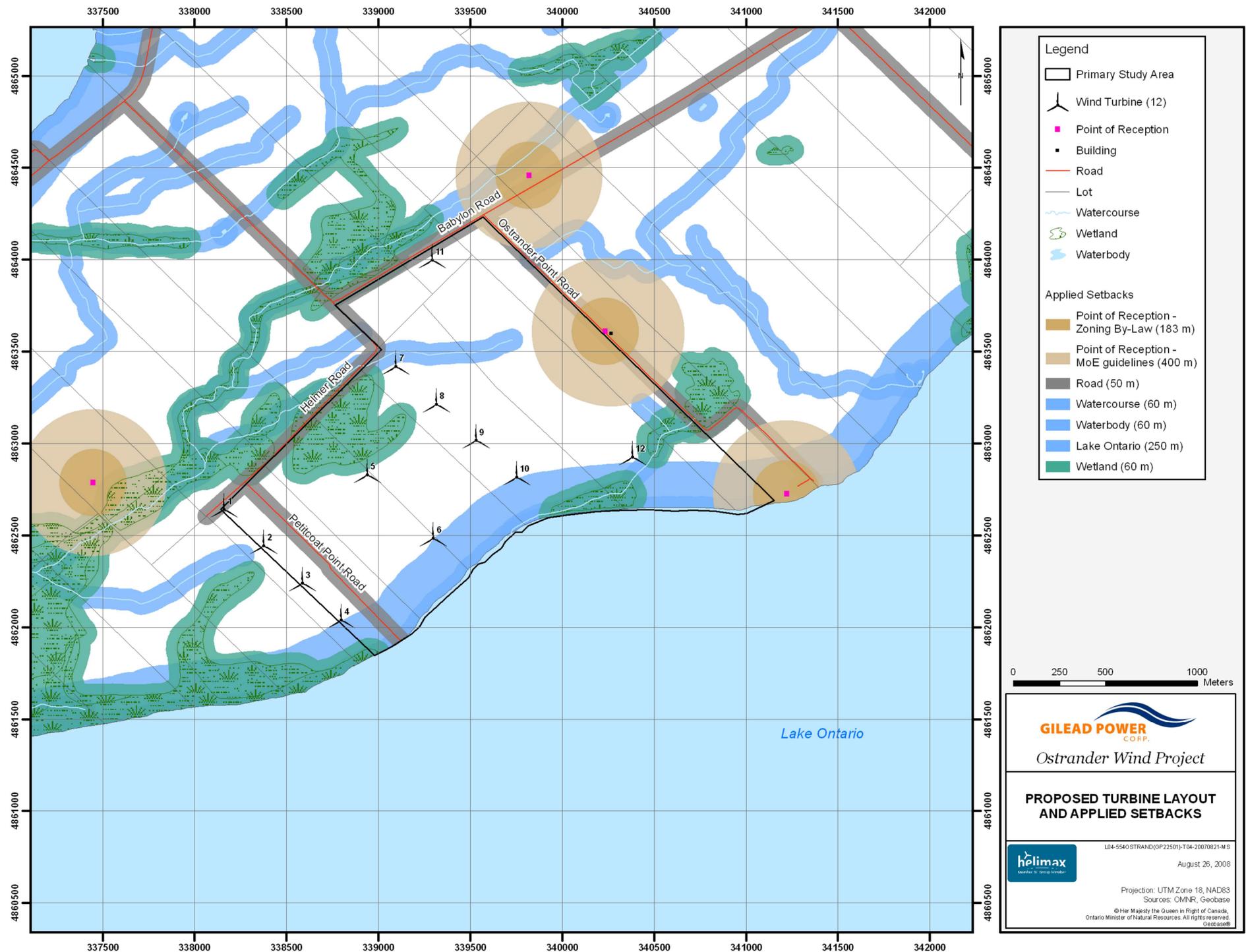
## Visual Impact Assessment

- A Visual Impact Assessment with photorealistic simulations has been done to understand and illustrate the extent of potential visual change that the proposed Project will have on the surrounding landscape.
- The visual simulations are photorealistic depictions of proposed wind turbines within the landscape.
- The simulations are an important communication tool because they illustrate the existing conditions as well as the potential visual change for the proposed wind energy project in an accurate and realistic way, long before construction occurs.
- The simulations represent a number of different vantage points in order to illustrate a wide range of views towards the Project.
- Based on feedback from the first Public Open House and stakeholder comments, the visual impact assessment has been improved and an additional recommended vantage point was added.

# Ostrander Point Wind Energy Park



## Proposed Turbine Layout





# Ostrander Point Wind Energy Park



## Transmission Lines

- Electricity produced by the turbines will be connected to the proposed Ostrander Point Substation via an on-site collection system of 13.5 kV lines - further work will be conducted to determine whether these lines will be located above or buried below ground.
- The 44 kV transmission line proposed to connect the Project's substation (to be located near the turbines) to the Milford Distribution Station is currently proposed as a road pole line, similar to the existing distribution lines within the area.

# Ostrander Point Wind Energy Park



## Anticipated Schedule

- Release of Draft ERR for stakeholder review is anticipated for November/December 2008.
- Key construction dates:
  - Surveying and Site Layout - early Summer 2009
  - Development of access roads - late Summer 2009
  - Laying underground collector lines (if required) - Fall 2009
  - Foundation excavation and pouring of turbine foundation - Fall 2009
  - Construction of transmission line - Winter 2010
  - Turbine delivery - Winter 2010
  - Equipment lay-down and turbine assembly - Winter 2010
  - Clean-up and reclamation - Spring 2010
  - Turbine operation - Spring 2010

# Ostrander Point Wind Energy Park



## Your Input is Important

- Please share your questions/comments with us by filling out a questionnaire/comment card.
- Please feel free to take extra questionnaires/comment cards with you and share them with friends and family.
- You can further contact us by:
  - Fax: 519-836-2493
  - Website: [www.gileadpower.com](http://www.gileadpower.com)
  - Email: [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com)
  - Phone: 519-836-6050 (call collect)
  - Or write to us:  
Stantec Consulting Ltd.  
Attn: Mark Kozak  
Project Manager  
361 Southgate Drive  
Guelph, Ontario  
N1G 3M5

# Ostrander Point Wind Energy Park



## Thank You

- Thank you for attending our Public Open House
- We hope that we have answered all of your questions and that you have learned valuable information about our Ostrander Point Wind Energy Park
- Copies of the display boards are available on the Project website ([www.gileadpower.com](http://www.gileadpower.com))



# Ostrander Point Wind Energy Park



## Visual Simulations

Vantage Point 1



Vantage Point 2



# Ostrander Point Wind Energy Park



## Visual Simulations

Vantage Point 3



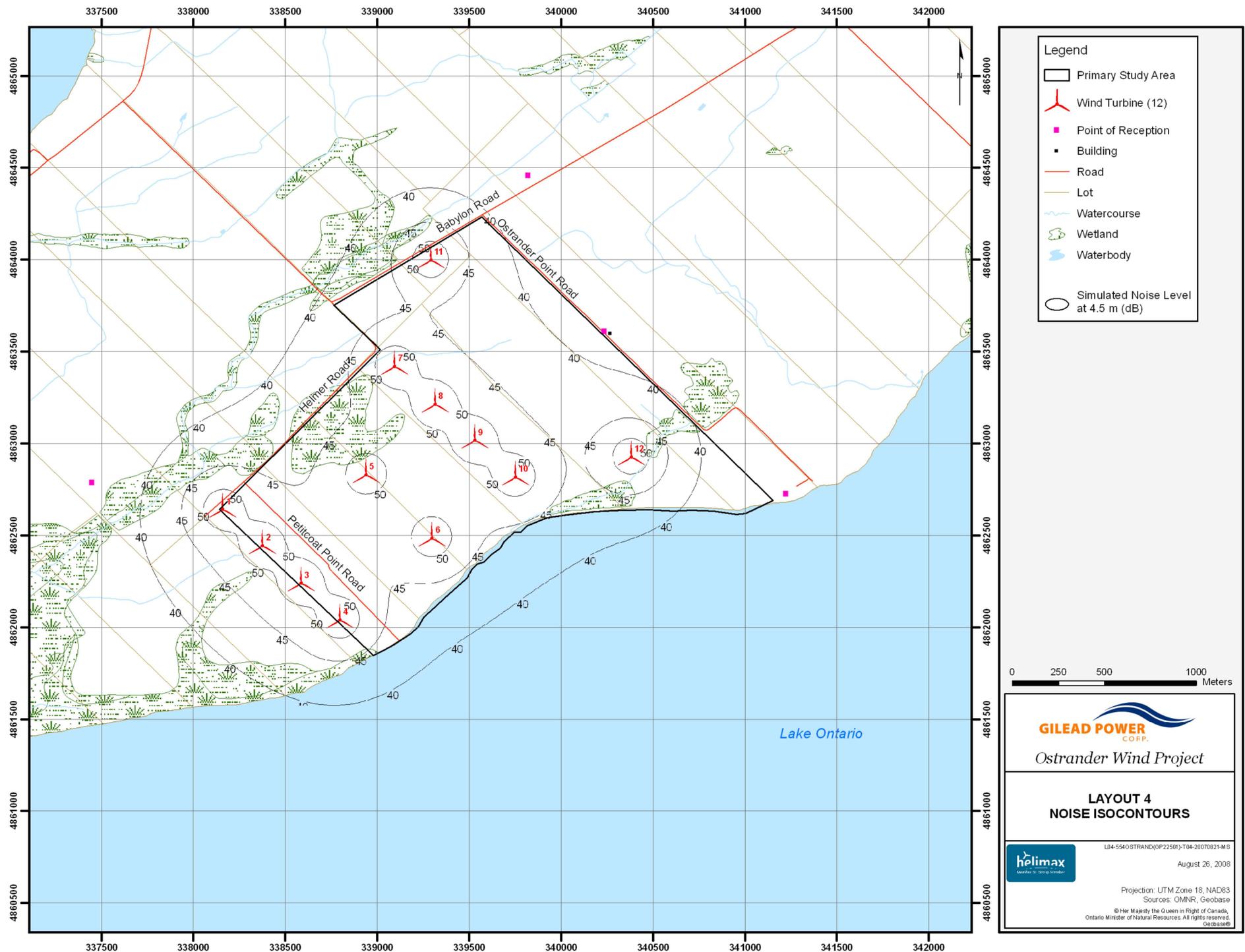
Vantage Point 4



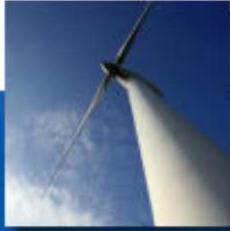
# Ostrander Point Wind Energy Park



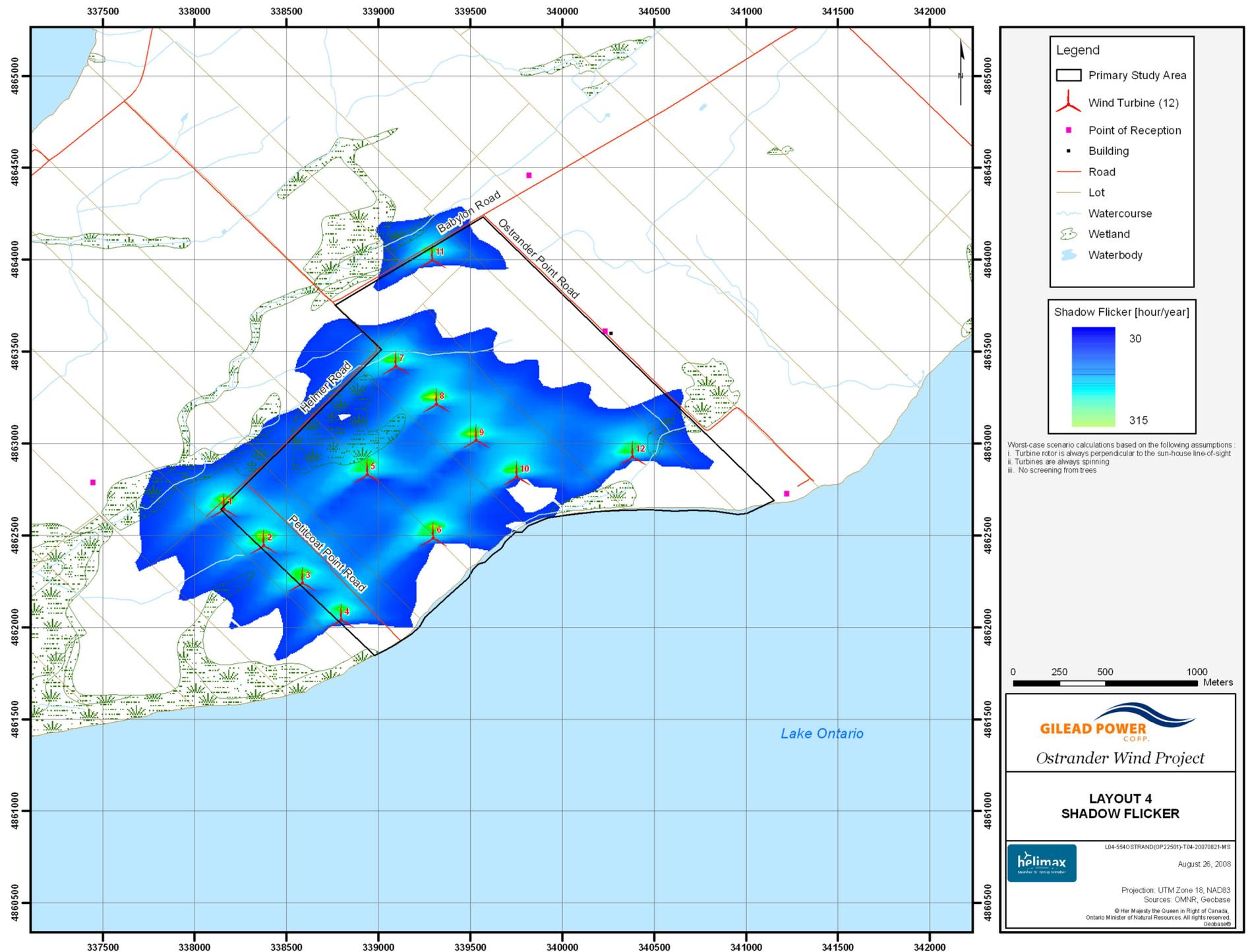
## Proposed Turbine Layout and Noise Contour



# Ostrander Point Wind Energy Park



## Proposed Turbine Layout and Shadow Flicker







## PUBLIC OPEN HOUSE QUESTIONNAIRE

*Thank you for your interest in the proposed Ostrander Point Wind Energy Park.*

*Comments are appreciated. Please take a few moments to answer the following questions.*

1. How did you learn about the Public Open House?

- Newspaper Advertisement
- Letter
- Word of Mouth
- Project Website
- Other

2. What was your main reason for attending?

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3. Did the Public Open House meet your information needs?

- Yes
- No

Please comment:

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4. How could we have improved the Public Open House?

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5. What do you believe are the key issues that need to be addressed in the Public Consultation/Environmental Assessment process?

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6. Do you have comments about Gilead Power – the project developer?

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7. If you have a question about the Project or would like further information, please complete the following (including your name and address or other contact information) and we will contact you with an answer as soon as possible.

Your Question/Comments:

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<p>Please Print Clearly</p> <p>Name: _____</p> <p>Address: _____</p> <p>_____</p> <p>Town/City: _____</p> <p>Postal Code: _____</p> <p>Email: _____</p> <p>Phone: _____</p>
---

*Information will be collected and used in accordance with the Environmental Assessment Act, and solely for the purpose of assisting Gilead in meeting environmental assessment and local planning requirements. This material will be maintained on file for use during the study and may be included in project documentation. All comments will become part of the public record.*

**Stantec Consulting Ltd.**  
361 Southgate Drive, Guelph ON N1G 3M5  
519-836-6050, [www.stantec.com](http://www.stantec.com)

# **Appendix I5**

## **Project Newsletters**



# Ostrander Point Wind Energy Park



Information Newsletter July, 2008

## A MESSAGE FROM GILEAD

Dear Neighbour,

I hope you are enjoying some fun and relaxation during these summer months. So far it has been an exciting year for Gilead Power Corporation. We have expanded our team both internally and externally, and have received continued interest in our Ostrander Point Project. We encourage you to tell your friends, neighbours and colleagues about our Project.

Some of the changes that have occurred within Gilead since the New Year include: the appointment of Mr. Marvin Pelletier, to Vice President of Stakeholder Relations as well as the addition of Mrs. Maureen Oliver, Manager Environmental Permitting and Planning and Mr. Kevin Sorensen, Manager of Engineering.

As you all know, we are moving through the Environmental Screening Process with Stantec Consulting Ltd. and have made some excellent progress. Based on stakeholder feedback, we have increased our bird monitoring efforts by collaborating on a radar study with Acadia University and Environment Canada, hired Hardy Stevenson and Associates to complete a Socio-Economic Assessment, and asked to present at a Prince Edward County Council Meeting.

Moving forward, we will be holding our second Open House at the end of August, 2008. When a date has been finalized, a notice will be published in local newspapers as well as mailed to all stakeholders on our mailing list. In addition, Stantec will be completing the baseline studies and preparing the Draft Environmental Review Report. We anticipate that the Draft Report will be completed in late Fall 2008. The Draft Report will be made available for review upon completion.

This is an exciting time for Gilead, we look forward to hearing from you as we develop our Project within Prince Edward County. Please come and introduce yourself to me at our next Open House.

Sincerely,

Paul Pede  
President

## SOME QUICK FACTS ABOUT THE OSTRANDER POINT WIND ENERGY PARK

- If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.
- The Project's within the ward of South Marysburgh, Prince Edward County, Ontario.
- A Notice of Commencement of an Environmental Screening and Review for the Project was originally published and distributed to the community during the week of December 10, 2007.
- Gilead is undertaking a detailed Environmental Review in accordance with Ontario Regulation 116/01 of the Environmental Assessment Act and as outlined in the Ontario Ministry of the Environment's "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).
- Stantec Consulting Ltd. (Stantec) has been retained by Gilead to complete the Environmental Review.
- Gilead issued a Notice of Modification during the week of May 20, 2008 to update the community about current project events.

## WHAT'S HAPPENING NOW?

Since the Notice of Modification, Gilead, Stantec, and a number of other consultants have undertaken the following Project activities in preparation for the release of the Draft Environmental Review Report:

- Gilead issued a Notice of Geotechnical Investigation commencing June 23 on the project site.
- Environment Canada approved the 2008 Ostrander Point Bird Work Program.
- Spring bird migration and breeding bird field studies have been completed.

## WHAT'S HAPPENING NEXT?

In addition to the activities currently taking place, a number of activities will occur in the near future. Key items are outlined below:

- A Public Open House is planned for late August 2008 to present the final Project layout and some of the findings from the studies conducted for the Draft Environmental Review Report.
- A Socio-economic Effects Assessment of the project will be undertaken in the community.

- One round of fall migratory bird field studies have been completed, with another round commencing this summer.
- Commencement of the bat monitoring program in late July.
- Baseline data collection.
- Additional technical studies such as an Environmental Noise Assessment, Archaeological Assessment, and Visual Change Assessment are currently being conducted.
- On-going stakeholder and agency consultation.

- The Project design will be refined using the results of the baseline data collection, effects assessments, and community and agency input.
- The Draft Environmental Review Report will be prepared incorporating the technical reports and ongoing discussions with the community and agencies. The Draft Environmental Review Report is anticipated to be released in late Fall 2008 for public and agency review and comment.

# COMMENTS FROM JANUARY 17, 2008 PUBLIC OPEN HOUSE

This list includes some of the more common topics raised by our neighbours at our last Public Open House. To view a comprehensive list of comments and Gilead's response, please visit the Project website: [www.gileadpower.com](http://www.gileadpower.com)

## Environmental Noise

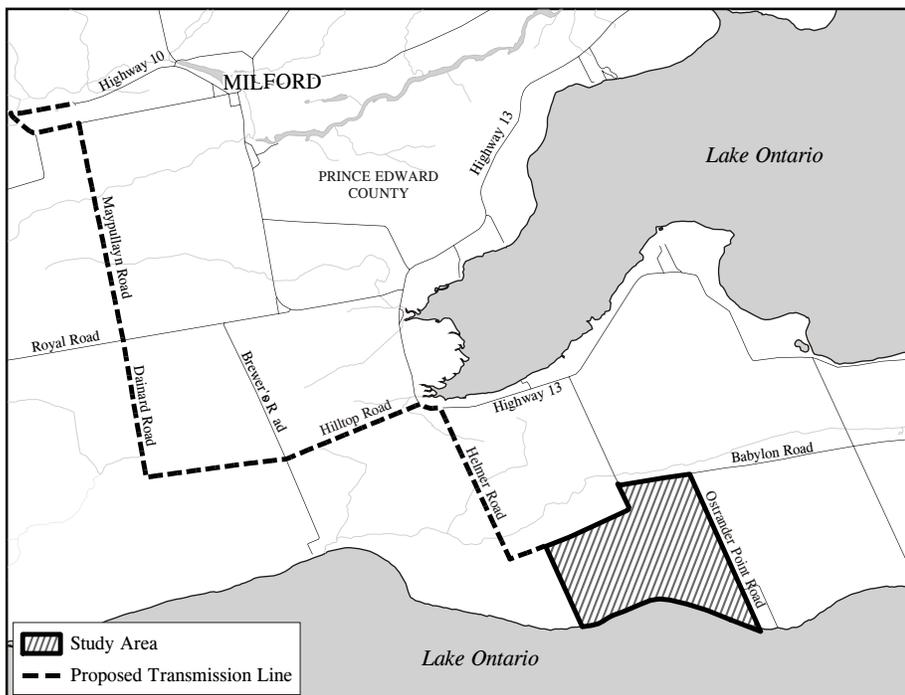
An Environmental Noise Impact Assessment will be completed and submitted to the Ontario Ministry of the Environment (MOE) for approval, and its results will be published in the Environmental Review Report (ERR). The MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 receptors (Class 3 areas are rural and/or small communities with an acoustic environment that is dominated by natural sounds and has little or no road traffic). We expect that most receptors in the study area will be identified as Class 3, reflecting the generally quiet nature of the area. Therefore, Gilead will be adhering to the most stringent guidelines during the operation of the wind plant.

## Shadow Flicker

A Shadow Flicker Assessment will be completed and included in the ERR. It is anticipated that shadow flicker occurrence at residences in the study area will not be significant. Shadow flicker values can also be considerably reduced when certain factors are taken into consideration, such as; presence of trees, high vegetation, or other obstacles between house and turbines, periods of low or high wind speed; during which turbines will not be operational, and the directional orientation of the wind turbines in relation to the sun.

## Natural Environment

In addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys are being conducted. We are also continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation. The final results of these activities will be presented in the ERR.



## Visual Change

A Visual Change Assessment will be conducted to identify the changes to the viewscape. The assessment will model the appearance of the wind turbines from various vantage points throughout the surrounding area. With regard to the turbines themselves, while maintaining compliance with Transport Canada regulations, the colour of wind turbines will be white/off-white - a colour which minimizes contrast with the background sky - and to the extent possible, Gilead will minimize the number of turbines requiring aviation safety lights.

## Property Values

Based upon the data reviewed to date in other areas with established wind farms (e.g., Canada, USA, Europe, and Australia), no evidence of a material negative effect on property value as a result of the presence of wind farms was documented. Furthermore, the Ontario data suggests that wind farms have a neutral or positive effect on property values; which is consistent with international trends and experiences.

## Setbacks and Turbine Siting

Environmental and social constraints such as the presence of residences, wells, roads, locations of sensitive wildlife, wetlands, watercourses, and woodlots are key factors in siting project infrastructure. Setbacks and turbine siting are undergoing evaluation and will be discussed in the ERR.

## Land Use

Once the Project has been constructed and enters the operational phase, residents can continue to enjoy the area as they have done in the past.

## YOUR INPUT IS IMPORTANT TO US

Your input is an important component of the consultation process. Your contribution allows us to become better informed about the study area, along with the potential effects of the Project.

Participation allows you to become better informed about the Project and to have your thoughts or opinions included in the EA process. We are responsive to concerns and carefully consider all of the feedback we receive. Your feedback can positively affect the design and construction of the Project.

Here's how you can provide input to the Project:

- Attend our next Public Open House
- Call us collect at (519)836-6050 (ask for Mark Kozak)
- Send an email with your comments to: [ostanderpoint@stantec.com](mailto:ostanderpoint@stantec.com)
- Send a fax to (519) 836-2493
- Send written comments by mail to:

Mark Kozak  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5



## Visit us on the Web

We update the website as new information is available for the Project to provide timely and relevant information. This is part of our commitment to consult with the interested parties and inform local residents about the progress of the Project. Your feedback on the site, and the information presented, is always welcome. Visit us on a regular basis and look for updates at: [www.gileadpower.com](http://www.gileadpower.com)



*Energy, it fuels all we do.*

## OSTRANDER POINT WIND ENERGY PARK GILEAD POWER'S RESPONSES TO STAKEHOLDER COMMENTS

*The comments and information below are a summary of Gilead Power's responses to the more common subjects posed by stakeholders in relation to the Ostrander Point Wind Energy Park (Project).*

### ***Voluntary Elevation / Environmental Review Report***

In response to the more detailed studies and assessment being undertaken for the Project, Gilead has voluntarily elevated the Environmental Screening Report to an Environmental Review Report (ERR). The ERR will be prepared in accordance with the Ontario Ministry of the Environment's "Guide to Environmental Assessment requirements for Electricity Projects", under Regulation 116/01 of the *Environmental Assessment Act* (the EA Guide is available from your local MOE office, the Project website, or at [www.ene.gov.on.ca/envision/gp/4021e.pdf](http://www.ene.gov.on.ca/envision/gp/4021e.pdf)). The ERR will be a comprehensive document that will include multiple separate technical studies. Gilead believes an ERR is the appropriate level of assessment for this renewable energy initiative.

### ***Stakeholder Consultation and Review***

Gilead has and will continue to undertake an extensive stakeholder consultation process throughout the duration of the Project. The transparency of the Environmental Screening Process will be achieved by the utilization of several tools used to solicit and respond to stakeholder input. These tools include public open houses, direct and mass mailings, newspaper notices, individual and group meetings, the Project website, and email correspondence and telephone discussions with stakeholders, among others. The work done in this regard will be included within the ERR and captured in the record of consultation.

Gilead will be organizing a second Public Open House for the Project, to be held in late summer 2008 to allow seasonal residents the opportunity to provide input. With respect to the ERR, Gilead will be proactive by voluntarily releasing the Draft ERR for stakeholder review and comment in the fourth quarter of 2008. Building upon the input received on the Draft ERR, Gilead will work to address all stakeholder comments received and engage all levels of government in order to ensure that the Project is planned in accordance with all regulatory requirements.

150 King Street East, Suite 5E, Peterborough, Ontario K9J 2R9

Phone (705) 750-1023 Fax (705) 750-1430 E-mail [Info@gileadpower.com](mailto:Info@gileadpower.com) [www.gileadpower.com](http://www.gileadpower.com)



*Energy, it fuels all we do.*

### ***Natural Environment***

The ERR will also document other aspects of the natural environment, such as, terrestrial and wetland flora and fauna. With respect to queries on environmental changes and potential effects, as part of the Environmental Screening Process, work will be done in advance of construction to document baseline environmental conditions.

We are aware that the Project is located in an important area for birds and other wildlife. During the course of the Project we will continue to accumulate both primary and secondary information on this subject. This will ensure we evaluate the potential environmental effects of the Project and ensure that the environmental benefits of the Project are maximized. Throughout the Environmental Screening Process we will work with government agencies, local wildlife groups, residents, and other stakeholders to obtain additional information which will be included in the ERR.

In addition to completing a detailed review of previous studies conducted in the area, bird surveys have and will continue to be conducted. We also continue to work with municipal, provincial, and federal government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation.

Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment.

The study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices. Following lengthy discussions with MNR and Environment Canada (Canadian Wildlife Service) officials, Gilead's consultants developed detailed protocols to ensure that the study satisfies regulatory requirements. The final results of bird, bat and other wildlife studies will be presented in the ERR.

### ***Impact Assessment***

Potential environmental effects as a result of the construction, operation, and decommissioning phases of this renewable energy initiative will be assessed through a rigorous net effects analysis that considers public, government, and First Nations input. The analysis will involve the completion of numerous baseline and technical studies, including those related to birds. The final results of these activities will be presented in the ERR.



*Energy, it fuels all we do.*

### ***Visual Change***

A Visual Change Assessment will be conducted to identify the changes to the viewscape. The assessment will model the appearance of the wind turbines from various vantage points throughout the surrounding area.

With regard to the turbines themselves, while maintaining compliance with Transport Canada regulations, the colour of wind turbines will be white/off-white – a colour which has been found to minimize contrast with the background sky – and to the extent possible Gilead will minimize the number of turbines requiring aviation safety lights. Gilead will also utilize light emitting diode (LED) lights, which have a softer glow and less of a strobing effect in comparison to traditional Xenon lights.

### ***Tower Lighting***

Transport Canada will require that the turbines are fitted with lights for aviation safety. To the extent possible, Gilead will minimize the number of turbines requiring aviation safety lights, while adhering to the Transport Canada guidelines. Gilead will also utilize LED lights, which have a softer glow and less of a strobing effect in comparison to traditional Xenon lights.

### ***Property Values***

Based upon the data reviewed to date in other areas with established wind farms (e.g., Canada, USA, Europe, and Australia), no evidence of a material negative effect on property value as a result of the presence of wind farms has been documented. Furthermore, some Ontario data suggests that wind farms have a neutral or positive effect on property values. Based upon the results of the literature review, which included both international and Canadian studies, no material adverse effects to property values within the Study Area are anticipated as a result of the Project. Further research will be undertaken as part of the Socio-Economic Assessment (SEA) commissioned by Gilead.

### ***Tourism***

Gilead will study the potential effects of the Project on the tourism industry in Prince Edward County as part of the SEA it has commissioned for the Project. The study will be included as part of the ERR.

### ***Economic Benefits and Renewable Energy***

The Environmental Screening Process will determine in more detail the specific economic benefits of the Project; however, the following benefits to the local economy can be anticipated:

- Increased employment is expected for the local area during the Construction Phase;
- Use of local goods and services during the Construction Phase of the Project;
- An increase to the local tax base from annual municipal property tax while limited to no increased demand on local services such as garbage collection and water/wastewater service; and,
- Additional revenue to the Province through land lease payments made by the Project.

Wind energy will continue to be an increasingly significant component of the power supply mix for Ontario. The need for increased power supply to Ontario, preferably clean, renewable power is well documented. As part of the overall electricity supply and management mix for Ontario, the government (specifically through the Ontario Ministry of Energy and Ontario Power Authority) has outlined three broad policy priorities:

- Preference for renewable sources of energy;
- Creation of a conservation culture; and,
- The replacement of coal-fired generation in the earliest possible time frame for environmental and health reasons.

Ontario currently has approximately 30,000 megawatts (MW) of electricity generating capacity, but many existing power facilities are aging, and 80 per cent will need to be refurbished or replaced over the next 20 years (Ontario Power Authority, 2005). The capital expenditures required for this is on the order of \$70 billion. In addition, the OPA estimates that demand will begin to exceed available supply by 2014. By 2025, the Ontario Power Authority (OPA) estimates the energy gap will be about 10,000 MW if no new generation has been added (OPA, 2005).

The OPA also reviewed Ontario's energy options and made recommendations to the government on the future energy supply mix in its December 2005 Supply Mix Advice Report. Following its review of this report, in June 2006 the Ministry of Energy directed the OPA to proceed with its recommended 20-year electricity supply mix plan that specifies a movement away from coal in favour of new nuclear power and renewable energy. As part of the plan, the government of Ontario has set targets that will double energy efficiency through conservation and double the amount of energy from renewables (bringing the total to 15,700 MW) by 2025 (OPA, 2005).

### ***Setbacks and Turbine Siting***

Siting wind turbines and other Project infrastructure is a complex process that involves many factors and variables. Environmental and social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure. Consistent with the principles of

avoidance, setbacks will be established to ensure that environmental and social constraint areas will be avoided to the greatest extent possible. Where appropriate and necessary, the Project design will be revised to mitigate any identified issues. Where Project siting and design can not solely address potential environmental effects, protection and mitigation measures and rehabilitation measures will be applied. Final turbine setbacks will be provided within the Draft ERR.

### ***Environmental Noise***

An Environmental Noise Impact Assessment (“ENIA”) will be finalised for the Project and submitted to the Ontario Ministry of the Environment (MOE) for technical review and comment, and will be contained in the publicly available ERR. As part of this assessment a baseline ambient noise survey will be conducted within the Project area to substantiate the regulatory sound level limit requirements for the Project. The noise data collected during the monitoring period will be used to compare the existing ambient noise levels to the sound level limit requirements as defined in the MOE’s *Interpretation for Applying MOE NPC Technical Publications to Wind Turbine Generators (06 July 2004)*.

The MOE designates “Points of Reception” into one of three acoustic environment classes: Class 1, 2, or 3. Class 1 areas are highly urbanized in nature, while Class 3 are rural with smaller populations. Class 2 areas lie between these two.

The MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 receptors. We expect that most receptors in the Study Area will be identified as Class 3, reflecting the generally quiet nature of the area. Therefore, Gilead will be adhering to the most stringent requirements during the operation of the wind plant.

The noise modeling work will be used to determine the specific setbacks of the turbines from receptors for the purposes of noise.

### ***Health Effects***

Throughout the Environmental Screening Process, Gilead will solicit comments from health-related government agencies and organizations. As with any member of the public, where an agency or organization expresses an interest in the Project, Gilead will add them to the Project mailing list, keep them apprised of Project activities and address their comments.

With respect to what is commonly cited to as “Wind Turbine Syndrome”, Stantec has sought available information through a variety of official sources, several of which were international, national and provincial government health agencies and departments. This included the World Health Organization, the American

Medical Association, the Canadian Medical Association, Health Canada, the Public Health Agency of Canada, and the Canadian Institutes of Health Research.

As a result of these efforts, we note that there was considerable uncertainty concerning recognition of Wind Turbine Syndrome and these organizations were unable to provide information about the subject or any evidence of wind turbines causing human health impacts. In the course of reviewing this subject, we were unable to locate any credible scientific evidence, such as a peer reviewed medical journal paper, to confirm that living within the proposed proximity to wind turbines may cause adverse health impacts. Additional information regarding public health and safety will be included in the ERR.

Regarding the potential for ice shed from turbines, a study conducted by Colin Morgan, Ervin Bossanyi, and Henry Siefert (1998) entitled "Assessment of Safety Risks Arising from Wind Turbine Icing" noted that there has been no reported injury from ice shed from wind turbines, despite the installation of more than 6,000 MW of wind energy worldwide.

### ***Shadow Flicker***

The strobe-like flicker associated with sunlight passing through rotating turbine blades is called "Shadow flicker" or "Shadow casting". Shadow casting is generally not regulated in Canada by planning authorities. Shadow flicker values can be considerably reduced when the following three factors are taken into consideration:

- presence of trees, high vegetation, or other obstacles between house and turbines
- periods of low or high wind speed (i.e., below approximately 4 m/s or above approximately 25 m/s, respectively), during which turbines will not be operational
- the directional orientation of the wind turbines in relation to the sun

A Shadow Flicker Assessment will be completed for the Project and its results will be presented in the ERR. It is anticipated that shadow flicker occurrence at residences located near the turbines will not be significant.

### ***Road Conditions***

Within the Study Area, intersections and portions of roads may require improvements to accommodate the turning radius of the trucks carrying the tower, nacelle and blades, or upgrading in order to accommodate the equipment and loads being moved. Gilead will be responsible for acquiring the necessary permits and will conduct any temporary or permanent road widening or upgrading activities in accordance with Prince Edward

County requirements. All temporary roads will be restored to their pre-construction conditions following completion of construction. Roads will be monitored during construction to ensure no erosion, bank slumpage, road subsidence, or major rutting has occurred as a result of construction activities. As appropriate, affected roadside ditches and drains will be revegetated if required and monitored to ensure that they are functioning properly.

### ***Monitoring and Follow-up Measures***

A comprehensive post-construction monitoring program will be developed in consultation with Canadian Wildlife Services, Environment Canada, and the Ministry of Natural Resources. This program is expected to include monitoring for both mortality and disturbance effects to birds and bats. Mortality surveys will be designed to ensure that removal of carcasses by predators and searcher efficiency values are fully accounted for, as outlined in Environment Canada's "Recommended Protocols for Monitoring Impacts of Wind Turbines on Birds". As required, post-construction monitoring and follow-up measures will include additional programs, plans, and procedures for subjects such as occupational health and safety and emergency response.

### ***Erection of Turbines***

A determination with respect to the equipment required for the construction of the Project will be finalized during the detailed design stage of the Project and may be included within the ERR.

With respect to the wind turbines, typically the tower will be delivered to the site in three sections and assembled using a moderate-lift wheeled crane for the bottom two sections and heavy-lift crawler crane to erect the third tower section.

The nacelle arrives on-site assembled and is lifted into place by the heavy-lift crane. The rotor consists of a hub and the three blades, and is hoisted into place in one piece by up to three cranes: a large crawler crane does the heavy lifting, while smaller tailing cranes stabilize the component as it is being lifted.

The blades, nacelle, and tower sections will be delivered to the turbine sites on oversize vehicles of sufficient length to carry the respective sections. The crawler cranes due to their size and weight will be shipped in individual pieces and then assembled on-site.



*Energy, it fuels all we do.*

### ***Turbine Layout***

The current turbine layout is preliminary. During the course of the Project, we will be accumulating both primary and secondary data on a variety of subjects from birds and wildlife, to environmental noise, engineering, and socio-economic considerations. Building upon and incorporating this data collected over the course of the Project, the turbine layout may be revised to reflect any new considerations that may arise from this new information. The ERR will document the Project's turbine layout.

### ***Land Use***

Once the Project has been constructed and enters the operational phase, residents can continue to enjoy the area as they have done in the past.

### ***Collector Power Lines***

The electricity produced by the turbines will be connected to the proposed Ostrander Point Substation via an on-site collection system of 13.5 kV lines. Further work will be conducted to determine whether these lines will be located above or below ground. The 44 kV transmission line proposed to connect the Project's substation (to be located near the turbines) to the Milford Distribution Station is currently proposed as a road pole line, similar to the existing distribution lines within the area. The final configuration of these collector lines and the main transmission line will be evaluated and described within the ERR.

# Ostrander Point Wind Energy Park



Information Newsletter October, 2008

## A MESSAGE FROM GILEAD

Dear Neighbours,

I am pleased to be distributing our second newsletter for our Ostrander Point Wind Energy Park project and wanted to take this opportunity to wish everyone a happy Thanksgiving filled with fellowship and local food.

We held another successful open house on August 28, 2008, receiving valuable comments and feedback that will be addressed in our Environmental Review Report (ERR). This newsletter provides responses to the common questions raised at the open house and submitted on the feedback forms.

I would also like to take this opportunity to extend an offer to take interested persons to an operating wind farm. We will arrange to have a bus depart from the Prince Edward County Community Centre on Saturday November 15, 2008. If you are interested please contact Lesley Parnell, Gilead Power Corporation, at (705) 750-1023 ext 204 to book a seat(s), there will be limited seating for this event. At the time of booking Lesley will provide you with all the event details, please note it will be a full day activity. In order to attend your seat must be booked by October 31, 2008.

We are in the process of writing our ERR based on the studies that have been completed over the past 2 years. We intend to issue the draft version of our ERR in December, 2008. A notice will be distributed in December when our Draft ERR is available. Again, thank you for taking the time to come to our Open Houses and express your interest in our project. I look forward to seeing you on November 15, 2008.

Best wishes,

GILEAD POWER CORPORATION

Paul R. Pede  
President

## SECOND PUBLIC OPEN HOUSE QUESTIONNAIRE THEMES

*The comments and information below are a summary of Gilead Power's responses to the new questions and comments posed by stakeholders in relation to the Ostrander Point Wind Energy Park (Project). For a full list of common comments and responses, please see the Project website: [http://www.gileadpower.com/projects\\_ostrander\\_point.asp](http://www.gileadpower.com/projects_ostrander_point.asp)*

### **Details of Lease Agreement with the Ministry of Natural Resources**

Provided the Ministry of Natural Resources (MNR) approves the Plan of Development, Gilead will be granted a "Commercial Wind Energy Lease". This lease grants land from the Crown issued under the Great Seal of Ontario that conveys a leasehold interest in public land for the purpose of construction, maintaining and operating a wind park. The term of the lease will generally be for 25 years with one extension for a further term of 15 years. There are two options for the lease; wind turbines can either be surveyed individually, or the entire wind park may be surveyed as one site. The first lease is granted for individual turbines and the land between the turbines is considered non-exclusive thereby permitting traditional public use. The other lease option will be granted to include all individual turbine locations and associated area within the park. It should also be noted that a separate Land Use Permit is issued for access roads, utility corridors and any other infrastructure required outside the leased area.

Gilead continues to work with the MNR to determine which lease option is the most appropriate for the Ostrander Point Crown Land Block. Details of the lease agreement will be identified in the Environmental Review Report (ERR). Regardless of the lease option agreed upon, Gilead will not fence the perimeter of site, thus allowing traditional public use activities to continue.

In the unlikely event that Gilead is no longer capable of operating the wind park, the responsibility would not fall to the province. In this unlikely event, Gilead would option the project to another operator. If for some reason the project can't be sold, it would be decommissioned.

### **Gilead Power**

Gilead Power Corporation is a privately-owned Canadian corporation based in Peterborough, Ontario. The company was founded in 2004 with a mission to identify and establish clean, renewable energy sources to augment conventional sources in Ontario and across Canada. Gilead has seven full time employees and approximately ninety private investors. Gilead is well financed through private equity, and has expertise in identifying, assessing and developing potential renewable energy projects.

In addition to completing the environmental assessment for the Ostrander Point Wind Energy Park, Gilead will be applying for all the necessary permits and approvals that are required to facilitate the development of a wind power project. Generally, these requirements include the environmental assessment, engineering design, and interconnection with the provincial electricity grid. The majority of these permits are applied for once the environmental assessment is completed and approved. Gilead is committed to the Ostrander Point Wind Energy Project and looks forward to becoming part of Prince Edward County.

### **Environmental Noise**

Gilead will be adhering to the most stringent requirements during the operation of the wind plant. As stated in the previous Newsletter, the MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural areas such as the Project Study Area. The sound level limit at a Point of Reception in Class 3 Areas, under conditions of

# SECOND PUBLIC OPEN HOUSE QUESTIONNAIRE THEMES CONTINUED

average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s.

A detailed Environmental Noise Impact Assessment (ENIA) will be submitted to the MOE for technical review and approval. Upon approval, a Certificate of Approval will be issued under the Environmental Protection Act. The Project will then be required to operate according to the terms and conditions of the Certificate of Approval. Monitoring and reporting of the Project will also be completed as per the terms and conditions of the Certificate of Approval.

## Location of Access Roads and Power Lines

Siting Project infrastructure is a complex process that involves many factors and variables. Environmental constraints such as the presence of wetlands, watercourses, and woodlots are key factors in siting Project infrastructure. Engineering, safety and operational considerations also affect where access roads and power lines are located. The proposed location of access roads and power lines will be presented in the Draft ERR.

The final routing of the main 44 kV transmission line has not yet been determined. Gilead is currently in discussions with Hydro One regarding potential transmission line routes and the potential to utilize existing transmission lines and/or easements within the area. Efforts will be made to minimize tree or vegetation removal to accommodate the transmission line. In the event that tree or vegetation removal is required for the transmission line, the appropriate mitigation measures will be presented within the Draft ERR.

## Property Values

Based upon the data reviewed to date in other areas with established wind farms (e.g., Canada, USA, Europe, and Australia), no evidence of a material negative effect on property value as a result of the presence of wind farms was documented. Potential effects on property values will also be assessed in the ERR as part of the Socio-Economic Impact Assessment being completed for the Project. The results will be provided within the Draft ERR.

## Important Bird Areas (IBAs) Designation

IBAs are designated by BirdLife International, a non-government organization. BirdLife, originally a European based organization, now works around the world to identify IBAs. In Canada, BirdLife is partnered with Nature Canada and Bird Studies Canada. IBAs are selected for a variety of criteria including areas that support rare species or species with restricted ranges, support concentrations of birds during breeding, wintering or migration, or contain a unique habitat type.

The Canadian Wildlife Service, in their Wind Turbines and Birds guidance document, consider proposed wind farm sites in or adjacent to IBAs to be "High Sensitivity". Such sites require more detailed preconstruction studies to determine potential impacts of the wind farm on birds. However, no provincial or federal policy addresses the placement of wind turbines in IBAs. The pre-construction bird monitoring implemented for the Project has been developed in consultation with the Canadian Wildlife Service/Environment Canada and in consideration of the IBA status of the area.

## Local Purchasing

Local goods and services will be used during the construction phase of the Project when available in sufficient quantity and at competitive prices. We estimate that approximately 14% or \$5.3 million in construction expenditures will accrue to persons and businesses in the local area. The key construction related activities accruing to the local area include:

- Construction of concrete pads for the wind towers.
- Road construction.
- Power pole erection and mechanical installations.
- Electrical installations.
- Site security and fencing during construction.

A number of turbine manufacturers are being considered and a specific turbine type for this Project has not yet been finalized, however one of the turbines being considered is manufactured by AAER Inc. a North American manufacturer located in Quebec.

## Wind Industry in Europe

As stated by the European Wind Energy Association (2008), wind is one of the most popular forms of electricity generating technologies in the European Union, comprising 40% of new power installations. Spain is leading in the development of new wind power installations with a record of installing 3,522 MW in 2007, the highest amount of wind installation in one year in Europe's history.

In Denmark, between 2001 and 2003, a replacement agreement was implemented to replace smaller turbines with larger turbines that have a greater capacity as well as to optimize turbine siting. A new replacement agreement was also implemented in 2004 and is scheduled to run to 2009. Approximately 20% of electricity consumed in Denmark today is from wind power. The Danish Wind Industry Association is aiming for a target of 35% wind power by 2015 (Danish Wind Industry Association, 2008).

## YOUR INPUT IS IMPORTANT TO US

Your input is an important component of the consultation process. Your contribution allows us to become better informed about the study area, along with the potential effects of the Project.

Participation allows you to become better informed about the Project and to have your thoughts or opinions included in the EA process. We are responsive to concerns and carefully consider all of the feedback we receive. Your feedback can positively affect the design and construction of the Project.

Here's how you can provide input to the Project:

- Call us collect at (519)836-6050 (ask for Mark Kozak)
- Send an email with your comments to: [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com)
- Send a fax to (519) 836-2493
- Send written comments by mail to:

Mark Kozak  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5



### Visit us on the Web

We update the website as new information is available for the Project to provide timely and relevant information. This is part of our commitment to consult with the interested parties and inform local residents about the progress of the Project. Your feedback on the site, and the information presented, is always welcome.

Visit us on a regular basis and look for updates at: [www.gileadpower.com](http://www.gileadpower.com)

# OSTRANDER POINT WIND ENERGY PARK

## Second Public Open House Questionnaire Themes

*The comments and information below are a summary of Gilead Power's responses to the new questions and comments posed by stakeholders in relation to the Ostrander Point Wind Energy Park (Project).*

- **Details of Lease Agreement with the Ministry of Natural Resources**

Provided the Ministry of Natural Resources (MNR) approves the Plan of Development, Gilead will be granted a "Commercial Wind Energy Lease". This lease grants land from the Crown issued under the Great Seal of Ontario that conveys a leasehold interest in public land for the purpose of construction, maintaining and operating a wind park. The term of the lease will generally be for 25 years with one extension for a further term of 15 years. There are two options for the lease; wind turbines can either be surveyed individually, or the entire wind park may be surveyed as one site. The first lease is granted for individual turbines and the land between the turbines is considered non-exclusive thereby permitting traditional public use. The other lease option will be granted to include all individual turbine locations and associated area within the park. It should also be noted that a separate Land Use Permit is issued for access roads, utility corridors and any other infrastructure required outside the leased area.

Gilead continues to work with the MNR to determine which lease option is the most appropriate for the Ostrander Point Crown Land Block. Details of the lease agreement will be identified in the Environmental Review Report (ERR). Regardless of the lease option agreed upon, Gilead will not fence the perimeter of site, thus allowing traditional public use activities to continue.

In the unlikely event that Gilead is no longer capable of operating the wind park, the responsibility would not fall to the province. In this unlikely event, Gilead would option the Project to another operator. If for some reason the Project can't be sold, it would be decommissioned.

- **Gilead Power**

Gilead Power Corporation is a privately-owned Canadian corporation based in Peterborough, Ontario. The company was founded in 2004 with a mission to identify and establish clean, renewable energy sources to augment conventional sources in Ontario and across Canada. Gilead has seven full time employees and approximately ninety private investors. Gilead is well financed through private equity, and has expertise in identifying, assessing and developing potential renewable energy projects.

In addition to completing the environmental assessment for the Ostrander Point Wind Energy Park, Gilead will be applying for all the necessary permits and approvals that are required to facilitate the development of a wind power project. Generally, these requirements include the environmental assessment, engineering design, and interconnection with the provincial electricity grid. The majority of these permits are applied for once the environmental assessment is completed and approved. Gilead is committed to the Ostrander Point Wind Energy Project and looks forward to becoming part of Prince Edward County.

- **Environmental Noise**

Gilead will be adhering to the most stringent requirements during the operation of the wind plant. As stated in the previous Newsletter, the MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural areas such as the Project Study Area. The sound level limit at a Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s.

A detailed Environmental Noise Impact Assessment (ENIA) will be submitted to the MOE for technical review and approval. Upon approval, a Certificate of Approval will be issued under the *Environmental Protection Act*. The Project will then be required to operate according to the terms and conditions of the Certificate of Approval. Monitoring and reporting of the Project will also be completed as per the terms and conditions of the Certificate of Approval.

- ***Shadow Flicker and Potential Effects on People with Epilepsy***

Photosensitivity affects only a small portion of people with Epilepsy (e.g., 3% to 5% of the 2.7 million epileptics in the U.S) [Giuseppe, 2006]. The Epilepsy Foundation has concluded, by consensus of a group of international experts, that photosensitive individuals should not be exposed to flashes greater than 3 Hz (3 flashes per second), although seizures are most likely to be triggered by flashing lights between 5 Hz and 30 Hz (Fisher et al., 2005; Epilepsy Foundation, 2005). It has been stated by Epilepsy Action, United Kingdom, that flashing around 16 Hz to 25 Hz may be above the sensitivity threshold of those people with photosensitive Epilepsy, although some people may be sensitive to rates as low as 3 Hz (Epilepsy Action, 2005).

The shadow flicker frequency which is proportional to the speed of the rotor will be calculated as part of the shadow flicker assessment and will be provided within the Draft ERR. Typically, the speed of the rotor for the size of turbine proposed for the Project ranges from 6 to 16 revolutions per minute. Taking the three blades into consideration, the estimated frequency of flicker would be about 0.3 to 0.8 Hz (i.e., no more than one cycle per second).

- ***Location of Access Roads and Power Lines***

Siting Project infrastructure is a complex process that involves many factors and variables. Environmental constraints such as the presence of wetlands, watercourses, and woodlots are key factors in siting Project infrastructure. Engineering, safety and operational considerations also affect where access roads and power lines are located. The proposed location of access roads and power lines will be presented in the Draft ERR.

The final routing of the main 44 kV transmission line has not yet been determined. Gilead is currently in discussions with Hydro One regarding potential transmission line routes and the potential to utilize existing transmission lines and/or easements within the area. Efforts will be made to minimize tree or vegetation removal to accommodate the transmission line. In the event that tree or vegetation removal is required for the transmission line, the appropriate mitigation measures will be presented within the Draft ERR.

- ***Stray Voltage***

Some stakeholders expressed a concern for an increase in stray voltage from the Project transmission line. Stray voltage has been reported to occur on farms where it can affect livestock. For example, varying amounts of low-level voltage may exist between the earth and electrically grounded farm equipment. When an animal and/or human touches two pieces of equipment that are at different voltage levels, a small electric current passes through the animal and/or person (stray voltage). Hydro One is attempting to address stray voltage where it is a result of poor or faulty farm wiring, improper grounding of older Hydro One distribution lines (hydro lines connected to a farm/house), and other on and off farm sources.

The proposed 44 kV main transmission line for the Project will be designed, engineered and constructed with the appropriate grounding devices such that stray voltage will not occur.

- ***Property Values***

Based upon the data reviewed to date in other areas with established wind farms (e.g., Canada, USA, Europe, and Australia), no evidence of a material negative effect on property value as a result of the presence of wind farms was documented. Potential effects on property values will also be assessed in the ERR as part of the Socio-Economic Impact Assessment being completed for the Project. The results will be provided within the Draft ERR.

- ***Wildlife – Effects of Turbine Lighting on Migratory Birds***

Night migrating birds can be attracted to bright lights, similar to the behaviour of moths around a porch light. However, the attraction of birds to wind turbines equipped with aviation safety lighting required by Transport Canada is greatly reduced by lighting only a subset of the turbines and using lights which slowly flash on and off as opposed to lights which are continuously on. Gilead will work with Transport Canada to balance aviation safety, effects to avian fauna and effects to nearby residents.

- ***Important Bird Areas (IBAs) Designation***

IBAs are designated by BirdLife International, a non-government organization. BirdLife, originally a European based organization, now works around the world to identify IBAs. In Canada, BirdLife is partnered with Nature Canada and Bird Studies Canada. IBAs are selected for a variety of criteria including areas that support rare species or species with restricted ranges, support concentrations of birds during breeding, wintering or migration, or contain a unique habitat type.

The Canadian Wildlife Service, in their Wind Turbines and Birds guidance document, consider proposed wind farm sites in or adjacent to IBAs to be “High Sensitivity”. Such sites require more detailed preconstruction studies to determine potential impacts of the wind farm on birds. However, no provincial or federal policy addresses the placement of wind turbines in IBAs. The pre-construction bird monitoring implemented for the Project has been developed in consultation with the Canadian Wildlife Service/Environment Canada and in consideration of the IBA status of the area.

- ***Migratory Birds Convention Act (MBCA)***

The purpose of the MBCA, a federal Act, is to prohibit the damage or destruction of migratory birds or their nests. The prohibition extends to all circumstances on land and seascape that may cause harm or destruction, even when destruction is unintentional. The inadvertent damage to migratory birds is referred to as incidental takes. Incidental takes would include birds accidentally killed by moving vehicles or colliding into residential windows, communication towers or wind turbines.

Environment Canada recognizes that a small number of incidental takes, although not permitted by the MBCA, do not impact overall bird populations. Therefore, Environment Canada is planning to amend the MBCA, with the objective of long-term conservation and protection of migratory bird populations. The amendment aims to have clear, effective and enforceable regulations that provide practical alternatives. Under the amendment, a wind farm could operate if it is demonstrated that the operation results in a relatively low frequency of incidental takes that would not impact the long-term conservation and protection of bird populations (Environment Canada, 2007).

- ***Lightning Protection – Effects of Lightning Strikes on Turbines***

The turbines and substation will be equipped with lightning protection systems designed to accept the electrical charge and transfer it to the ground. The systems may also be equipped with lightning strike sensors to determine the number of strikes and whether it is necessary to inspect the turbine prior to the turbine being placed back in service.

- ***Maintenance/Decommissioning***

The wind turbines will be operated in a manner consistent with nationally recognized standards for operation of wind turbine facilities in Canada. Gilead will hire specialized technicians to carry out the various operation and maintenance activities associated with the turbines and ancillary facilities.

To extend the life of the Project beyond its design life of 25-30 years, it is possible that it will be repowered. Repowering may involve switching/updating gearboxes and generators with new

equipment, exchanging blades, and upgrading electrical equipment. Although no definitive decommissioning plan has been finalized at this stage in the planning process, it is foreseeable that at the end of the Project's useful life the structures will be dismantled. In general, the physical works involved in dismantling the Project infrastructure follow the procedures and practices required for their construction.

- ***Turbine Icing***

Accumulation of ice on the turbine blades is possible during weather events where the turbines may be subject to coating from freezing rain or interception of low clouds containing super cooled rain. The two hazards associated with ice accumulation on wind turbines include: i) the danger of falling ice that may accumulate on the turbine itself as a result of freeze-thaw of snow and ice; and ii) the shedding of ice from the moving turbine blades.

Unlike telecommunication towers, the wind turbines purchased for this Project will have a solid conical tower. This design reduces the potential for ice build up on the tower itself since there is no lattice or crevices for ice to accumulate. In terms of ice shed, when the rotor becomes unbalanced due to a change in blade weighting (e.g., caused by ice build up), the turbine brake is automatically applied to stop the blades from turning (i.e., it shuts itself off). The blades will not restart their movement until the imbalance is removed (e.g., the majority of ice is removed). This design feature greatly reduces the potential for ice to be shed from the turbines.

- ***Local Purchasing***

Local goods and services will be used during the construction phase of the Project when available in sufficient quantity and at competitive prices. We estimate that approximately 14% or \$5.3 million in construction expenditures will accrue to persons and businesses in the local area. The key construction related activities accruing to the local area include:

- Construction of concrete pads for the wind towers.
- Road construction.
- Power pole erection and mechanical installations.
- Electrical installations.
- Site security and fencing during construction.

A number of turbine manufacturers are being considered and a specific turbine type for this Project has not yet been finalized; however, one of the turbines being considered is manufactured by AAER Inc. a North American manufacturer located in Quebec.

- ***Cumulative Effects***

Although not required under the provincial Environmental Assessment Process, cumulative effects will be considered within the Environmental Review Report. Cumulative effects describe the potential effects of the Project in combination with the effects of other certain and reasonably foreseeable activities at a regional level. Other certain and reasonably foreseeable activities will include developments that have issued formal notices (i.e., Notice of Commencement for a wind project) or planning applications in terms of residential developments.

- ***Wind Power as Part of Ontario's Electricity Supply Mix***

In June 2006, the Ministry of Energy directed the Ontario Power Authority to proceed with its recommended 20-year electricity supply mix plan which specifies a movement away from coal in favour of new nuclear power and renewable energy. As part of the plan, the government of Ontario has made a direct commitment to the generation of renewable electricity by establishing wind power as a part of Ontario's overall electricity supply mix. Furthermore, the Provincial Government has set targets that will double energy efficiency through conservation and double the amount of energy from renewables (bringing the total to 15,700 MW) by 2025 (OPA, 2005).

The OPA in conjunction with the Independent Electricity System Operator (IESO) are also responsible for determining the appropriate electricity supply mix so that the Province's electricity

supply is stable and reliable. Part of this mix involves the procurement of electricity from renewable energy programs such as wind power through the Renewable Energy Standard Offer Program and Renewable Energy Supply contracts (I, II and III). The capacity factor of wind projects is also considered in the OPA's planning (OPA, 2007).

- **Wind Industry in Europe**

As stated by the European Wind Energy Association (2008), wind is one of the most popular forms of electricity generating technologies in the European Union, comprising 40% of new power installations. Spain is leading in the development of new wind power installations with a record of installing 3,522 MW in 2007, the highest amount of wind installation in one year in Europe's history.

In Denmark, between 2001 and 2003, a replacement agreement was implemented to replace smaller turbines with larger turbines that have a greater capacity as well as to optimize turbine siting. A new replacement agreement was also implemented in 2004 and is scheduled to run to 2009. Approximately 20% of electricity consumed in Denmark today is from wind power. The Danish Wind Industry Association is aiming for a target of 35% wind power by 2015 (Danish Wind Industry Association, 2008).

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# Ostrander Point Wind Energy Park



Information Newsletter December, 2008

## A MESSAGE FROM GILEAD

*Dear Neighbours,*

I am pleased to be distributing the third newsletter for our Ostrander Point Wind Energy Park project. This is an exciting time in the development of the project as we are preparing our draft Environmental Review Report (ERR). The purpose of this newsletter is to provide you with a project update and to advise when we expect to release the draft ERR for review.

On Saturday November 15, 2008 we took interested persons on a bus trip to the Melancthon EcoPower® Centre in Shelburne, Ontario. Although the weather didn't cooperate for us, the trip was a success with 27 people from Prince Edward County in attendance. We occupied the morning watching various Harrison Ford movies and stopped in Shelburne for a quick lunch prior to going to the wind farm site. Once on site we were able to stand at the base of an operating turbine for as long as we could bear the cold. At the turbine base, I provided an explanation on the operation of a wind farm and answered

questions as people milled around and chatted amongst themselves. When we could no longer stand the cold we boarded the bus and drove around the rest of the Melancthon EcoPower® Centre before heading home. We offered this tour so people could experience an operating wind farm first hand. Though not part of the formal environmental assessment process for our Ostrander Point Project, the participants on the trip advised that they appreciated the opportunity to see an operating wind farm. We realize currently it is a difficult time in Prince Edward County with a lot of conflicting information on wind farms floating around. We wanted to give everyone the opportunity to make their own decisions based on a real life experience. Thank you to everyone who attended the tour, it was a pleasure to meet and spend the day with you.

We are currently in the process of writing our ERR based on the background studies that have been completed over the past 2 years. In our last newsletter we indicated

that we would like to issue the draft version of our ERR in December, 2008. However, due to additional studies and considerations required as part of the new Ministry of the Environment Noise Guidelines, we will not be distributing our draft EER until the New Year. One of the changes that we are considering as part of the new Noise Guidelines is taking a closer look at the Enercon 2.0 MW turbine instead of the Vestas 1.65 MW. As previously indicated we have been considering four different turbine manufacturers (AAER, Vestas, Enercon, and GE), but have placed more of an emphasis on the Vestas 1.65. We still have not finalized our turbine supplier however we are now looking more closely at the other suppliers, specifically Enercon.

To keep people informed a notice will be sent to our Project mailing list as well as published in the local papers when our Draft ERR is available.

*Best wishes,*  
**GILEAD POWER CORPORATION**  
**Paul R. Pede**



## YOUR INPUT IS IMPORTANT TO US

Your input is an important component of the consultation process. Your contribution allows us to become better informed about the study area, along with the potential effects of the Project.

Participation allows you to become better informed about the Project and to have your thoughts or opinions included in the EA process. We are responsive to concerns and carefully consider all of the feedback we receive. Your feedback can positively affect the design and construction of the Project.

**Here's how you can provide input to the Project:**

- Call us collect at (519)836-6050 (ask for Mark Kozak)
- Send an email with your comments to: [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com)

- Send a fax to (519) 836-2493
- Send written comments by mail to:

**Mark Kozak**  
Stantec Consulting Ltd.  
70 Southgate Drive, Suite 1  
Guelph ON N1G 4P5

**Visit us on the Web**

We update the website as new information is available for the Project to provide timely and relevant information. This is part of our commitment to consult with the interested parties and inform local residents about the progress of the Project. Your feedback on the site, and the information presented, is always welcome.

Visit us on a regular basis and look for updates at: [www.gileadpower.com](http://www.gileadpower.com)



## **Appendix I6**

### **Notice of Draft ERR**

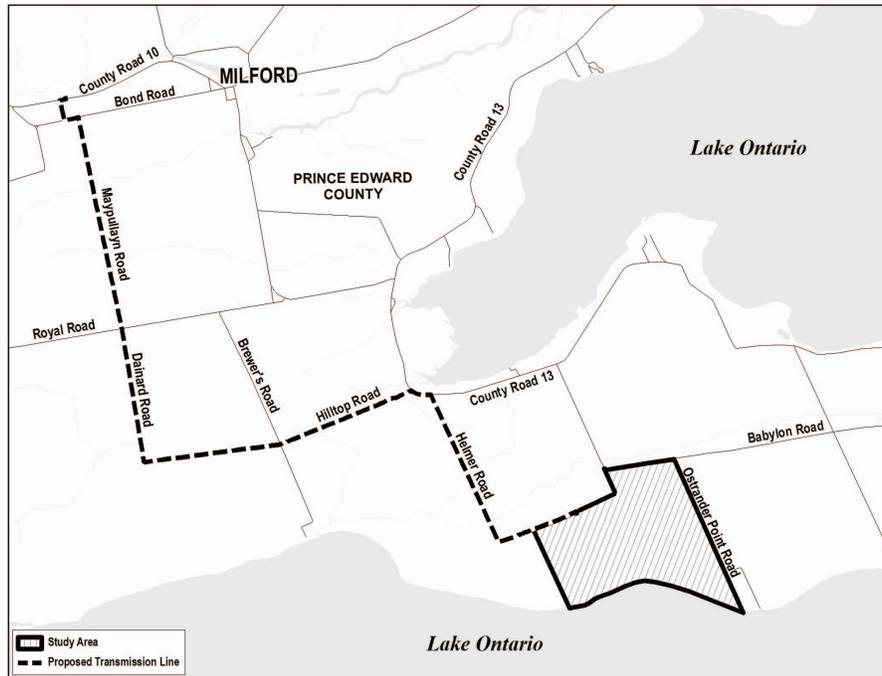


# NOTICE OF RELEASE OF DRAFT ENVIRONMENTAL REVIEW REPORT

## Ostrander Point Wind Energy Park

Gilead Power Corporation (Gilead) is proposing to develop a wind energy park within the ward of South Marysburgh, Prince Edward County, Ontario. As proposed, the Ostrander Point Wind Energy Park (the Project) will consist of up to 12 wind turbines with a nameplate capacity of approximately 24 MW and an associated 44 kV transmission line.

Gilead has retained Stantec Consulting Ltd. (Stantec), to prepare an Environmental Review Report (ERR) as per Ontario Regulation 116/01 of the *Environmental Assessment Act* and as outlined for a "Category B" project under the Ministry of the Environment's screening process, outlined in their "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).



The purpose of this Notice is to inform you that the ERR is available in DRAFT form from February 9 to March 10, 2009, for stakeholder review and comment. Although not required by the *Environmental Assessment Act*, Gilead has elected to make the DRAFT ERR available for review and comment. In this manner, Gilead is demonstrating its commitment to addressing local community interests and to developing the Ostrander Point Wind Energy Park in a responsible manner. The DRAFT ERR is available for public viewing on the Project's website ([www.gileadpower.com](http://www.gileadpower.com)) and at the following locations:

**Prince Edward County**  
332 Main Street  
Picton

**Milford Public Library - Ann Farwell Branch**  
3053 County Road 10  
Milford

**Picton Branch Library**  
208 Main Street  
Picton ON

**Bloomfield Branch Library**  
300 Main Street  
Bloomfield ON

Stakeholder comments on the DRAFT ERR must be received by Stantec on or before **4:30 p.m. on 10 March 2009**. Comments received from stakeholders will be addressed in the FINAL ERR as appropriate. However, individual letter responses to stakeholder comments are not planned. Following the DRAFT ERR review and comment period, Gilead will release the FINAL ERR to all stakeholders for the formal 30-day Notice of Completion review and comment period.

For further information or to provide the study team with your comments please contact the following:

**Stantec Consulting Ltd.**  
Attn: Mark Kozak  
Suite 1, 70 Southgate Drive  
Guelph, Ontario N1G 4P5  
Ph: 519-836-6050 Fx: 519-836-2493  
[ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com)

Information will be collected and used in accordance with the Environmental Assessment Act and Freedom of Information and Protection of Privacy Act solely for the purpose of assisting Gilead in meeting environmental assessment, regulatory and local planning approval requirements. This material, including personal information such as name, address, property location and other contact information, will be maintained on file for use during the study and may be included in Project documentation, unless otherwise requested. All comments will become part of the public record.



## **Appendix I7**

### **Notice of Completion (to be prepared for FINAL ERR)**



## **Appendix I8**

# **Agency Consultation**



## Ostrander Point Wind Energy Park Project Agency Contact List

Title	F_Name	L_Name	Position	Agency	Branch	Address	City	Postal	Phone	Fax	Email
Mr.	René	Stébenne	Sr. Engineer, Delivery Systems & Spectrum Engineering	Canadian Broadcasting Corporation Technology	Strategy and Planning	1400, Boul René-Lévesque Est, Local A10-8	Montréal, QC	H2L 2M2	(514) 597-4338	(514) 597-3838	<a href="mailto:rene_stebenne@radio-canada.ca">rene_stebenne@radio-canada.ca</a>
Ms.	Louise	Knox	Director	CEAA - Canadian Environmental Assessment Agency	Ontario Regional Office	55 St. Clair Avenue Room 907	Toronto, ON	M4T 1M2	(416) 952-1576	(416) 952-1573	<a href="mailto:louise.knox@ceaa-acee.gc.ca">louise.knox@ceaa-acee.gc.ca</a>
Ms.	Denise	Fell	Environmental Assessment Officer	Environment Canada	Environmental Assessment and Federal Programs	867 Lakeshore Road	Burlington, ON	L7R 4A6		(905) 336-4951	<a href="mailto:denise.fell@ec.gc.ca">denise.fell@ec.gc.ca</a>
Ms.	Sheila	Allan	A/Head, Environmental Assessment	Environment Canada	Environmental Protection Operations. Division: Ontario	PO Boc 5050 867 Lakeshore Road	Burlington, ON	L7R 4A6	(905) 336-4948	905-336-8901	<a href="mailto:sheila.allan@ec.gc.ca">sheila.allan@ec.gc.ca</a>
Ms.	Tracy	Allison	Fish Habitat Biologist	Fisheries and Oceans Canada	Eastern Ontario District	501 Tower Hill Unit 102	Peterborough, ON	K9H 7S3	705-750-4010		<a href="mailto:tracy.allison@dfp-mpo.gc.ca">tracy.allison@dfp-mpo.gc.ca</a>
Ms.	Kitty	Ma	Regional Environmental Assessment Coordinator	Health Canada	Ontario Region	180 Queen Street West	Toronto, ON	M5V 3L7	416-954-2206	416-952-0102	<a href="mailto:kitty_ma@hc-sc.gc.ca">kitty_ma@hc-sc.gc.ca</a>
To:	EA	Coordination		Indian and Northern Affairs Canada	Environment Unit RE: Environmental Assessment Coordination	25 St. Clair Avenue East 8th Floor	Toronto, ON	M4T 1M2			<a href="mailto:EACoordination_ON@inac-ainc.gc.ca">EACoordination_ON@inac-ainc.gc.ca</a>
Mr.	Glen	Gilbert	Regional Manager Environment	Indian and Northern Affairs Canada	Ontario Region	25 St. Clair Avenue East 8th Floor	Toronto, ON	M4T 1M2	(416) 973-2131	(416) 954-6329	<a href="mailto:gilbert@inac.gc.ca">gilbert@inac.gc.ca</a>
Mr.	Fred	Hosking	Senior Claims Analyst	Indian and Northern Affairs Canada	Specific Claims Branch	10 Wellington Street	Gatineau, QU	K1A 0H4	819-953-1940	819-997-9873	
Mr.	Franklin	Roy	Director	Indian and Northern Affairs Canada	Litigation Management and Resolution Branch	10 Wellington Street	Gatineau, QU	K1A 0H4	819-997-3582	819-997-1679	<a href="mailto:royf@inac.gc.ca">royf@inac.gc.ca</a>
Mr.	David	Zeit	Environmental Officer	Transport Canada	Ontario Region	4900 Yonge Street Suite 300	Toronto, ON	M2N 6A5	(416) 952-0507	(416) 952-0514	<a href="mailto:ZEITD@tc.gc.ca">ZEITD@tc.gc.ca</a>
Mr.	Dave	Rowell, MSc., P.Geo.	Manager, Bedrock, Mapping & Geophysics	Ontario Geological Survey		933 Ramsey Lake Road Willet Green Miller Ctr - Lvl B7	Sudbury, ON	P3E 6B5	705-670-5737	705-670-59	<a href="mailto:dave.rowell@ontario.ca">dave.rowell@ontario.ca</a>
Mr.	Drew	Craig	Environmental Office	8 WTISS	CFB Trenton	Stn. Forces PO Box 1000	Astra, ON	K0K 3W0	Base into (613)392-2811 x3930 Public Affairs (613)965-3385 x7432	613-965-3368	<a href="mailto:case.d@forces.gc.ca">case.d@forces.gc.ca</a>
Mr.	Lou	Battiston	Manager, Technology Liaison, Government Mobile Communications Office	iSERV Ontario - IT Service Delivery		155 University Avenue, 14th Floor 720 Bay Street	Toronto, ON	M5H 3B7	416-327-0368		<a href="mailto:Lou.Battiston@ontario.ca">Lou.Battiston@ontario.ca</a>
Mr.	Alan	Kary	Deputy Director	Ministry of Aboriginal Affairs	Policy and Relationships Branch	720 Bay Street 4th Floor	Toronto, ON	M5G 2K1	416-326-4762	416-326-4017	<a href="mailto:Alan.Kary@ontario.ca">Alan.Kary@ontario.ca</a>
Mr.	David	Cooper	Manager	Ministry of Agriculture, Food & Rural Affairs	Environmental and Land Use Policy	1 Stone Road West, 3rd Floor	Guelph, ON	N1G 4Y2	519-826-3117	519-826-3109	<a href="mailto:david.cooper@ontario.ca">david.cooper@ontario.ca</a>
Ms.	Karla	Barboza	Heritage Adviser	Ministry of Culture	Culture Services Unit	400 University Avenue, 4th Floor	Toronto, ON	M7A 2R9	416-314-7159	416-314-7175	
Mr.	Steven	Mitchell, (O.A.A)	Architect	Ministry of Education	Pupil Accomodation Unit, Business Services Branch	21st Floor, Mowat Block, 900 Bay Street	Toronto, ON	M7A 1L2	416-325-2015	416-325-4024	<a href="mailto:steven.mitchell@ontario.ca">steven.mitchell@ontario.ca</a>
Mr.	Allan	Jenkins	Senior Policy Specialist	Ministry of Energy	Renewable Energy Supply	880 Bay Street	Toronto, ON	M7A 2C1	416-325-6926	416-325-6972	<a href="mailto:allan.jenkins@ontario.ca">allan.jenkins@ontario.ca</a>
Mr.	Perry	Cecchini	Manager	Ministry of Energy	Renewable Energy Supply	3rd Floor	Toronto, ON	M7A2C1	416-325-6593	416-325-6972	<a href="mailto:perry.cecchini@ontario.ca">perry.cecchini@ontario.ca</a>
Mr.	Tony	Ierullo	Manager	Hydro One Inc.		483 Bay Street, North Tower, 14th Floor	Toronto, ON	M5G 2P3	416-345-5213	416-345-5395	<a href="mailto:ierullo@HydroOne.com">ierullo@HydroOne.com</a>
Mr.	Michael	Elms	Manager (A)	Ministry of Municipal Affairs & Housing	Eastern Municipal Services Office, Community Planning and Development	8 Estate Lane, Rockwood House	Kingston, ON	K7M 9A8	613-548-4304 x24	613-548-6822	
Mr.	Jim	Beal	Water Resources Coordinator	Ministry of Natural Resources	Kingston Area Office	51 Heakes Lane	Kingston, ON	K7M 9B1	613-531-5735		
Ms.	Joan	van Kralingen	Manager, Policy Analysis & Development	Ministry of Northern Development & Mines	Corporate Policy Secretariat	Rm. 5630 Whitney Block, 99. Wellesey St. West	Toronto, ON	M7A 1C3	416-327-6469	416-327-0634	<a href="mailto:joan.vankralingen@ontario.ca">joan.vankralingen@ontario.ca</a>
Ms.	Michele	Smith	Deputy Director (A)	Ministry of the Attorney General	Crown Law Office-Civil	8th Floor, 720 Bay Street	Toronto, ON	M5G 2K1	416-326-4112	416-326-4181	
Ms.	Brenda	Mitchell	Director, Environmental Health Division	Ministry of Health and Long Term Care	Public Health Division	2nd Floor, 5700 Yonge Street	Toronto, ON	M2M 4K5	416-327-7426	416-327-0984	<a href="mailto:brenda.mitchell@moh.gov.on.ca">brenda.mitchell@moh.gov.on.ca</a>

## Ostrander Point Wind Energy Park Project Agency Contact List

Ms.	Vicki	Mitchell	EA Coordinator, Eastern Region	Ministry of the Environment	Kingston Regional Office	1259 Gardiners Rd	Kingston, ON	K7L 4X6	613-540-6852		<a href="mailto:vicki.mitchell@ontario.ca">vicki.mitchell@ontario.ca</a>
				Ministry of Tourism							
				Ministry of Culture							
				Ministry of Citizenship & Immigration							
Ms.	Mary	Beach	Manager			347 Preston Street	Ottawa, ON	K1S 3J4	613-742-3366	613-742-5300	<a href="mailto:mary.beach@ontario.ca">mary.beach@ontario.ca</a>
Mr.	Peter	Makula	Manager	Ministry of Transportation	Engineering Office	Postal Bag 4000, 1355 John Counter Blvd.	Kingston, ON	K7L 5A3	613-545-4754	613-545-4821	<a href="mailto:peter.makula@mtg.gov.on.ca">peter.makula@mtg.gov.on.ca</a>
Mr.	John	MacKenzie	General Manager, Planning	Ontario Realty Corporation	Asset Review	1 Dundas Street - Suite 2000	Toronto, ON	M5G 2L5	416-327-3937	416-327-4/67	<a href="mailto:john.mackenzie@orc.gov.on.ca">john.mackenzie@orc.gov.on.ca</a>
Mr.	Brian	McComb	Commissioner of Planning Services	Prince Edward County	Planning Department	72 King Street	Picton, ON	K0K 2T0	(613) 476-3880	(613) 476-8144	<a href="mailto:bmccomb@pecounty.on.ca">bmccomb@pecounty.on.ca</a>
Ms.	Jo-Anne	Egan	Manager of Planning	Prince Edward County	Planning Department	72 King Street	Picton, ON	K0K 2T0	(613) 476-3880	(613) 476-8144	<a href="mailto:iegan@pecounty.on.ca">iegan@pecounty.on.ca</a>
Mr.	Steven	Carroll	Commissioner	Prince Edward County	Public Works Department	126 County Road 32, RR 1,	Picton, ON	K0K 2T0	613-393-2011 x28	613-393-5792	<a href="mailto:scarroll@pecounty.on.ca">scarroll@pecounty.on.ca</a>
Mr.	Scott	Manlow	Fire Chief	Prince Edward County Fire Department		2 Ross Street	Picton, ON	K0K 2T0	613-476-2602	613-476-9826	<a href="mailto:smanlow@pecounty.on.ca">smanlow@pecounty.on.ca</a>
Mr.	Tim	Trustham	Environmental Planning Technician/Ecologist	Quinte Conservation		2061 Old Highway #2 RR#2	Belleville, ON	K8N 4Z2	613-968-3434 or 613-354-3312	613-968-8240	<a href="mailto:ttrustham@quinteconservatio.ca">ttrustham@quinteconservatio.ca</a>
				Radio Advisory Board of Canada					1-888-902-5768 or 613-230-3261	613 230-3262	<a href="mailto:r.a.b.c@on.aibn.com">r.a.b.c@on.aibn.com</a>
				Canadian Wind Energy Association					1-800-922-6932 or 613-234-8716	613-234-5642	<a href="mailto:info@canwea.ca">info@canwea.ca</a>
Mr.	Mario	Lavoie		Department of National Defence	Spectrum Engineering	National Defence Headquarters, 101 Colonel By Drive, Attention: DIMTPS 5-4	Ottawa, ON	K1A 0K2	613-991-3961	613-992-3479	<a href="mailto:lavoie.mj6@forces.gc.ca">lavoie.mj6@forces.gc.ca</a>
				Department of National Defence	Military Air Defence and ATC Radars						<a href="mailto:windturbines@forces.gc.ca">windturbines@forces.gc.ca</a>
				Environment Canada	Weather Radars						<a href="mailto:weatherradars@ec.gc.ca">weatherradars@ec.gc.ca</a>
Ms.	Francine	Boucher	Senior Systems Engineer	Royal Canadian Mounted Police	Mobile Communications Directorate	1200 Vanier Parkway	Ottawa, ON	K1A 0R2	613-998-7338	613-998-7528	<a href="mailto:francine.boucher@rcmp-grc.gc.ca">francine.boucher@rcmp-grc.gc.ca</a>
Dr.	David	McCormack	Supervisor, Seismic Monitoring and Analysis	Natural Resources Canada	Seismology and Geomagnetism	Building 7 Observatory Crescent	Ottawa, ON	K1A 0Y3		(613) 992-8766	<a href="mailto:cormack@seismo.nrcan.gc.ca">cormack@seismo.nrcan.gc.ca</a>
Mr.	Jim	Lyons	Manager, Canadian National Data Centre	Natural Resources Canada	Seismology and Geomagnetism	Building 7 Observatory Crescent	Ottawa, ON	K1A 0Y3		(613) 995-5526	<a href="mailto:jlyons@nrcan.gc.ca">jlyons@nrcan.gc.ca</a>
Mr.	Jose Fernando	Mojica	Communication and Navigation Engineer	Canadian Coast Guard	Engineering and Maintenance, Electronics	200 Kent Street	Ottawa, ON	K1A 0E6	613-993-3519	613-998-4103	<a href="mailto:mojicajf@dfo-mpo.gc.ca">mojicajf@dfo-mpo.gc.ca</a>
Mr.	Dave	Ferris		NavCanada	Civilian ATC Radars	280 Hunt Club Road	Ottawa, ON	K1V 1C1	613-248-7554		<a href="mailto:FerrisD@navcanada.ca">FerrisD@navcanada.ca</a>
Mr.	Steve	Flynn		Ontario Provincial Police	Major Event Liason Team						<a href="mailto:steve.flynn@ontario.ca">steve.flynn@ontario.ca</a>
Ms.	Merisol	Primeau		Ontario Provincial Police	Major Event Liason Team						<a href="mailto:marisol.primeau@ontario.ca">marisol.primeau@ontario.ca</a>

## Ostrander Point Wind Energy Park Project Agency Comment Summary Table

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
<b>Federal Agencies</b>					
<b>CBC</b>					
Martin Levert	Letter	March 10, 2008	<ul style="list-style-type: none"> <li>Recommend preparing a preliminary report using the RABC/CanWEA Guidelines so as to determine whether the proposed wind turbine project could impact the services provided in and around the area</li> </ul>	<ul style="list-style-type: none"> <li>Need to prepare a preliminary report</li> </ul>	
<b>CFB Trenton</b>					
Drew Craig	Email	Jan 25, 2008	<ul style="list-style-type: none"> <li>Based on the proposed location, installation [of turbines] will not impact any of our sites.</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
<b>CEAA</b>					
Jim Chan	Letter	March 28, 2008	<ul style="list-style-type: none"> <li>Based on Project Description provided, not enough information, to date, in order for CEAA to circulate the Project Description to federal authorities to determine whether or not to apply the act</li> <li>Provided list of triggers of a Federal EA</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Jim Chan	Letter	July 7, 2008	<ul style="list-style-type: none"> <li>In receipt of the Notice of Modification</li> <li>Based on the document and information provided to date, there is not enough information for me to circulate the Project Description to federal authorities to determine whether or not to apply the act</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Jim Chan	Phone	Sept 2, 2008	<ul style="list-style-type: none"> <li>CEAA wanted to confirm if the project may trigger a federal screening</li> <li>Based on the information to date, Stantec confirmed the Project does not appear to have any federal triggers</li> <li>A Project Description will be provided by Stantec if it appears as though the project may have a federal trigger</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
<b>Department of National Defence</b>					
Fran	Letter	April 9	<ul style="list-style-type: none"> <li>There are areas within the template of the</li> </ul>	<ul style="list-style-type: none"> <li>Site is former South Bay Rocket and Air</li> </ul>	May 6

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
MacBride		2008	former bombing range which hold residual risk and will require consideration for clearance activities prior to any development involving subsurface work	to Ground Gunnery Range operated by DND in the 1940's <ul style="list-style-type: none"> <li>Potential for UXO at site is sufficiently high to warrant additional assessment</li> <li>site was assessed by DND for surface clearance only – no subsurface activity was contemplated</li> <li>MNR considers additional assessment and clearance of the site to be the sole responsibility of Gilead</li> </ul>	2008 (Meeting with DND in Ottawa)
Department of National Defence – Air Traffic Control and Defence Radars	Email	May 22, 2008	<ul style="list-style-type: none"> <li>DND requires additional information: latitude and longitude of each corner of the study area, vertical heights of each turbine, length of turbine blades, latitude and longitude of each turbine, and ground height above sea level for each</li> </ul>	<ul style="list-style-type: none"> <li>Stantec/Gilead will send information once finalized</li> </ul>	
Major Jason Routhier	Email	August 14, 2008	<ul style="list-style-type: none"> <li>No objections to the proposal with regard to DND radiocommunication systems</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
<b>Environment Canada</b>					
Denise Fell	Email	Feb 15, 2008	<ul style="list-style-type: none"> <li>The MNR should be consulted regarding their recommendations for raptor surveys</li> <li>Comments on January 28, 2008 draft Winter Bird Survey Protocol:</li> <li>unclear if study area is an important wintering locale for raptors (as we have not yet received a habitat description for the non-forested land in the study area)</li> <li>important to know if this area contains suitable habitat for Short-eared Owl, Snowy Owl, Rough-legged Hawk, Red-tailed Hawk, Northern Harrier, and other raptors</li> <li>Late afternoon surveys are required to document the presence of Short-eared Owl</li> <li>Three winter visits should be adequate to document the presence of wintering raptors, provided, and that the open area be surveyed on each of the three visits, and that each of these surveys extend into the evening period.</li> </ul>	<ul style="list-style-type: none"> <li>Comments and concerns were addressed through a conference call with representatives of EC, MNR and Gilead on March 20, 2008 and submission of a revised 2008 Bird Work Program on May 7, 2008</li> </ul>	May 7, 2008

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
			<ul style="list-style-type: none"> <li>• Surveys should be conducted under suitable weather conditions: good visibility, relatively light wind, and relatively warm</li> <li>• Special efforts should be made to cover the off-road open areas where turbine locations have been proposed</li> <li>• forest habitat could be surveyed on the same day as the open field surveys</li> </ul>		
Denise Fell	Letter	March 4, 2008	<ul style="list-style-type: none"> <li>• Provided comments on the CEEA Project Description and 2006 Migration and Breeding Bird Survey Protocols</li> <li>• Comments are generally a request for additional information.</li> <li>• Comments also provided on the 2007 Winter Bird Survey Protocols (originally sent on February 15, 2008).</li> <li>• EC does not have any obligations that would trigger a federal EA of this Project under CEEA</li> <li>• Are numerous features associated with the site that indicate very high site sensitivity</li> <li>• Entire study area is within the south shore of the Prince Edward Point Important Bird Area (IBA)</li> <li>• Project site is in the vicinity of the Prince Edward Point National Wildlife Area, which is owned by the federal government and managed by EC</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted the Proposed 2008 Bird Work Program</li> <li>• Program is based on available background information, sensitivity of the site (as per EC Guidance Document), review of EC guidelines, results of field surveys in 2006 and 2008, and a conference call with representatives of EC, MNR and Gilead on March 20, 2008. Also based on comments provided by EC and the MNR on Jacques Whitford Ltd. bird survey protocols.</li> <li>• The following studies were proposed to supplement prior studies and to fully address EC's bird issues of concern: radar studies during spring and fall bird migration (conducted by Acadia University in cooperation with EC), ground-based spring waterfowl surveys, American Woodcock and Common Snipe surveys, and breeding bird surveys</li> </ul>	May 7, 2008
Denise Fell	Letter	March 17, 2008	<ul style="list-style-type: none"> <li>• EC recommending that radar studies be conducted during the spring and fall migration periods at the proposed Ostrander Point Wind Energy Park. Six weeks of daily radar work should be conducted in spring, beginning in mid-April, and 8 weeks of daily radar work be conducted in summer/fall, beginning in early Sept, and continuing to the end of October when Saw-whet Owl migration has ended</li> </ul>	<ul style="list-style-type: none"> <li>• Comments were addressed during a conference call with representatives of EC, MNR and Gilead on March 20, 2008 and through the subsequent engagement of Acadia University to conduct spring and fall radar studies</li> </ul>	

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Lillian Yao – Meteorological Services	Email	May 21, 2008	<ul style="list-style-type: none"> <li>The Project is more than 80 km away from the nearest meteorological radar.</li> <li>We have no concerns regarding interference</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Denise Fell	Email	June 5, 2008	<ul style="list-style-type: none"> <li>EC is satisfied with proposed 2008 Bird Program</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Denise Fell	Email	September 5, 2008	<ul style="list-style-type: none"> <li>Appreciate receiving invitations to open houses.</li> <li>Requests copies of related materials presented</li> </ul>	<ul style="list-style-type: none"> <li>Sent link to project website with the open house display boards</li> </ul>	Sept 8, 2008
<b>Fisheries and Oceans Canada</b>					
Tracy Allison	Letter	Feb 4, 2008	<ul style="list-style-type: none"> <li>'roadside ditches' and 'drainage ditches' have the potential to contain habitat for baitfish species or may contribute directly or indirectly to Canadian fisheries waters – they should not be excluded from your study</li> <li>Incorporate risk assessment of all potential aspects of the project that may impact fish and fish habitat in your ERR</li> <li>include any additional technical or site specific information that you consider relevant to your proposal.</li> </ul>	<ul style="list-style-type: none"> <li>Fish habitat assessment described in ERR <b>Section 7.1, 7.7, and Appendix A</b></li> <li>Potential effects to fish and fish habitat assessed in ERR <b>Section 7.1 and 7.7</b></li> </ul>	N/A
Tracy Allison	Email	July 25, 2008	<ul style="list-style-type: none"> <li>Responding to Stantec's request for cumulative effects information</li> <li>DFO has a partnership agreement with the local Conservation Authority, and this type of information would be best obtained through that source</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
<b>INAC</b>					
Daniel Johnson	Letter	Jan 21, 2008	<ul style="list-style-type: none"> <li>provided the following information sources:</li> <li>The Chiefs of Ontario website, Natural Resources website, Natural Resources Canada's online Historical Indian Treaties map, Canadian Geographical Names database, Métis Nation of Ontario, Ontario Federation of Indian Friendship Centres website</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Kevin Clement	Letter	Feb 19,	<ul style="list-style-type: none"> <li>There are no comprehensive claims in Prince</li> </ul>	<ul style="list-style-type: none"> <li>First Nations Engagement discussed in</li> </ul>	N/A

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
for Lynn Bernard		2008	Edward County, Ontario. <ul style="list-style-type: none"> <li>We cannot make any comments regarding potential or future claims, or claims filed under other departmental policies. This includes claims under Canada's Specific Claims Policy or legal action by the First Nation against the Crown.</li> <li>INAC- Comprehensive Claims Branch does not have any specific interest in the project and would request to be taken out of the mailing list</li> </ul>	ERR Section 5.4	
Fred Hosking	Letter	March 3, 2008	<ul style="list-style-type: none"> <li>A specific claim has been submitted by the Alderville First Nation</li> <li>You may wish to contact the Mohawks of the Bay of Quinte – located in the general vicinity of the Project</li> </ul>	<ul style="list-style-type: none"> <li>First Nations Engagement discussed in ERR Section 5.4</li> </ul>	N/A
<b>NAV Canada</b>					
Chris Csatlós	Phone and Email	May 21, 2008	<ul style="list-style-type: none"> <li>NAV Canada's Aeronautical Information Services – Land Use will review the locations of the turbines to determine any potential impacts on NAV Canada facilities including radar</li> </ul>	<ul style="list-style-type: none"> <li>Stantec/Gilead to send locations of turbines for review once finalized</li> </ul>	May 21, 2008
<b>Transport Canada</b>					
David Zeit	Email	Jan 30, 2008	<ul style="list-style-type: none"> <li>there will be two access road related water crossings</li> <li>channels in question appear to be very minor and likely non-navigable</li> <li>With respect to transmission line crossings, TC does not have detailed information on which, if any, watercourses may be crossed.</li> <li>Crossings, even those involving a navigable waterway, will typically be exempt from NWPA approval, provided they are carried out in accordance with the applicable Canadian Standards Association requirements.</li> <li>The second area of potential interest is with respect to the potential for the proposed wind</li> </ul>	<ul style="list-style-type: none"> <li>Watercourse crossings are discussed in ERR Section 7.1</li> <li>Turbine lighting is discussed in ERR Section 7.10</li> </ul>	N/A

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
			turbines to cause an aviation safety hazard <ul style="list-style-type: none"> <li>Transport Canada has guidelines on appropriate lighting and markings intended to address this issue.</li> </ul>		
David Zeit	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Following up with the Cumulative Effects Assessment letter sent to David on July 16 – wanted to ensure he had received the letter, and get an indication of when we may receive a response</li> <li>Re-sent Cumulative Effects Assessment letter to DZ on October 31, 2008</li> </ul>	October 30, 2008
David Zeit	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Followed up with David regarding the cumulative effects email sent on October 31, wanted to ensure he received the email</li> <li>Assessing cumulative effects may be difficult because they don't file projects by location. He will check with his colleague.</li> </ul>	November 7, 2008
<b>Provincial Agencies</b>					
<b>Hydro One Networks Inc.</b>					
Charles S. Esendal	Email	June 9, 2008	<ul style="list-style-type: none"> <li>There are no Hydro One Transmission Facilities in the subject area</li> <li>Potential impacts on Distribution facilities are usually of a lesser degree and these will be managed through our field offices</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Tony Ierullo	Phone Call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up with cumulative effects letter sent to Hydro One on July 16</li> <li>Requesting confirmation that they did receive letter and inquiring as to when they will provide a response</li> </ul>	October 30, 2008
Tony Ierullo	Phone Call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up with cumulative effects letter sent to Hydro One on July 16</li> <li>Was indicated that the letter had been passed onto the EA team, and we would receive a response</li> <li>Tony said he would follow up with the EA</li> </ul>	November 7, 2008

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
				Team	
<b>Government Mobile Communications Office (GMCO)/iSERV</b>					
Bob Clements	Email	Feb 22, 2008	<ul style="list-style-type: none"> <li>There will be no interference to our public safety mobile communication system as long as it remains within the boundaries of the area identified</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Bob Clements	Email	May 27, 2008	<ul style="list-style-type: none"> <li>There will be no interference to our public safety mobile communication system as long as it remains within the boundaries of the area identified</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
<b>Ministry of Aboriginal Affairs</b>					
Alan Kary	Letter	Jan 10, 2008	<ul style="list-style-type: none"> <li>MAA notes that the Mohawks of the Bay of Quinte may be interested in your project</li> <li>MAA recommends the proponent contact INAC – Ontario Research Team, INAC – Financial Issues and Cost-Sharing</li> </ul>	<ul style="list-style-type: none"> <li>First Nations Engagement is discussed in <b>ERR Section 5.4.2</b></li> </ul>	N/A
<b>Ministry of Agriculture, Food and Rural Affairs</b>					
Ray Valaitis	Email	August 19, 2008	<ul style="list-style-type: none"> <li>The subject lands do not lie within a provincially significant prime agricultural area as per the Provincial Policy Statement.</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
<b>Ministry of Citizenship and Immigration</b>					
Chris Stack	Email	Feb 4, 2008	<ul style="list-style-type: none"> <li>As discussed, we do not have any comments at this time.</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
<b>Ministry of Culture, Ministry of Tourism</b>					
Mary Beach	Letter	June 24, 2008	<ul style="list-style-type: none"> <li>Ministry of Tourism has done considerable work with Tourism partners and stakeholders in PEC since 2000.</li> <li>Provided link to previous studies and reports on tourism within PEC</li> <li>PEC has completed a Municipal Cultural Planning process and created a Cultural Round Table</li> </ul>	<ul style="list-style-type: none"> <li>Tourism is assessed in <b>ERR Section 7.10</b> and <b>Appendix K</b></li> </ul>	N/A
<b>Ministry of Energy</b>					
Alan Jenkins	Email	Feb 4, 2008	<ul style="list-style-type: none"> <li>The Ministry of Energy has no comments on the Ostrander Point Wind Energy Park as proposed.</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A

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<b>Ministry of the Environment</b>					
Vicki Mitchell	Letter	Dec 21, 2007	<ul style="list-style-type: none"> <li>• Requests names of newspapers that Notices of Commencement was published in</li> <li>• Recommend that the transmission line to the Milford Distribution Station be included as part of the environmental screening project</li> <li>• Project is subject to Electricity Projects Regulation O. Reg. 116/01</li> <li>• This office is a mandatory contact for all Notices – also request a Notice of Completion be sent to this office, recommend you circulate a draft report to agencies</li> <li>• Recommend you contact: CEA Agency, Ontario Secretariat for Aboriginal Affairs, INAC – Specific Claims Branch, INAC – Litigation Management and Resolution Branch, INAC – Comprehensive Claims Branch, Ministry of Attorney General – Aboriginal Legal Issues Office</li> <li>• Once identified – recommend that you provide notification directly to Aboriginal communities who may be affected</li> <li>• Interference with Communications Signals: Contact: iServ Ontario, CBC Technology</li> <li>• MOE Approvals: submit technical reports prepared to support MOE Certificate of Approval applications to this office prior to submitting a formal application for approval, during environmental screening process</li> <li>• Technical reports should be submitted to my attention, will forward them to staff in EAAB</li> <li>• MOE Area of Interest: Noise impacts, permanent and temporary, impacts to surface water due to construction in or near a watercourse, erosion or spills, impacts to wells due to spills, construction or extensive dewatering, management of surplus materials/waste</li> </ul>	<ul style="list-style-type: none"> <li>• Details regarding newspaper notices are provided in ERR <b>Section 5.4.1</b>, and <b>Appendix I</b></li> <li>• Potential effects, mitigation measures, and assessment of net effects are discussed in ERR <b>Section 7</b></li> <li>• Agency consultation is described in ERR <b>Section 5.4.1.2</b> and <b>Appendix I</b></li> <li>• First Nations Engagement is described in ERR <b>Section 5.4</b></li> <li>• Potential effects to telecommunication is assessed in ERR <b>Section 7.10</b></li> <li>• Permits and Approvals are discussed in ERR <b>Section 4.0</b></li> <li>• Environmental Noise is assessed in ERR <b>Section 7.6</b> and <b>Appendix E</b></li> <li>• Surface water, soil erosion, and potential spills, groundwater, and dewatering are discussed in ERR <b>Section 7.1</b> and <b>7.2</b></li> <li>• Disposal of Waste Material is discussed in ERR <b>Section 7.4</b></li> <li>• Follow-up Measures and Monitoring is discussed in ERR <b>Section 9.0</b></li> </ul>	N/A

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
			<ul style="list-style-type: none"> <li>Should also include in report: monitoring and complaints protocols</li> </ul>		
Vicki Mitchell	Email	July 31, 2008	<ul style="list-style-type: none"> <li>MOE does not have a database of public works, housing developments, roads and highways that will occur in the study area</li> <li>Suggest you contact the municipality for information on these projects</li> <li>Only wind farm projects in study area are Royal Road Wind Farm and Ostrander Point</li> <li>Forwarded link to Royal Road EA and Noise Report</li> <li>Forwarded link to news articles which lists other companies that are proposing wind farms in the area</li> </ul>	<ul style="list-style-type: none"> <li>Addressed in <b>Section 8.2.4</b> of the ERR</li> <li>Royal Road Wind Farm is included in the CEA</li> </ul>	N/A
<b>Ministry of Municipal Affairs and Housing</b>					
Laurie Miller	Email	Jan 28, 2008	<ul style="list-style-type: none"> <li>Given that the Wind Energy Park is proposed to be located on Crown Land we have no comments or objections to the proposed wind energy development.</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Michael Elms	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up with cumulative effects letter sent to Hydro One on July 16</li> <li>Requesting confirmation that they did receive letter and inquiring as to when they will provide a response</li> </ul>	October 30, 2008
Michael Elms	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up with cumulative effects letter sent to Hydro One on July 16</li> <li>Requesting confirmation that they did receive letter and inquiring as to when they will provide a response</li> </ul>	November 7, 2008
<b>Ministry of Natural Resources</b>					
Bryan Sears	Letter	Oct 15, 2007	<ul style="list-style-type: none"> <li>the Planning Act does not apply and thus an Official Plan and zoning by-law amendments would not be required for this application</li> <li>Section 3(5) of the Planning Act states: A decision of the council of a municipality, local board, a planning board, a minister of the Crown and a ministry, board, commission or</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
			<p>agency of the government, including the Municipal Board, in respect of the exercise of any authority that affects a planning matter,</p> <ul style="list-style-type: none"> <li>• (A) shall be consistent with policy statements issued under subsection (1) that are in effect on the date of the decisions; and</li> <li>• (b) shall conform with the provincial plans that are in effect on that date, or shall not conflict with them, as the case may be.</li> </ul>		
Bryan Sears	Letter	Jan 10, 2008	<ul style="list-style-type: none"> <li>• There is no reference on the file to indicate that there may be unexploded ordinances on the property</li> <li>• Understand that you are looking into this further through the DNR and that you have been provided with a contact at DND</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>	N/A
Bryan Sears	Letter	Jan 14, 2008	<ul style="list-style-type: none"> <li>• Provided documentation requirements, consisting of several guidelines and other documents to be used in the preparation of the EA</li> </ul>	<ul style="list-style-type: none"> <li>• Gilead has used these documents and guidelines as appropriate during the preparation of the EA</li> </ul>	
Bryan Sears	Letter	Jan 23, 2008	<ul style="list-style-type: none"> <li>• Provided comments on the Project Description</li> <li>• Request clarification on the type of turbine to be used – the report contradicts information provided at the pre-screening meeting</li> <li>• Details will be required in regard to: underground /above ground power line location, construction and mitigation, approaches to reclamation of disturbed lands, soil compaction, layout of power lines above and below ground needs to be identified as well as how it will be connected to the grid, timeline in terms of what amount of area is disturbed at what stage of project and for how long until the area is regenerated, Power cables and road trenching – what is the impact on local traffic, construction and placement of the substation, distribution line, Locations of culverts/bridges, Operation,</li> </ul>	<ul style="list-style-type: none"> <li>• The turbine model used in the Project is discussed in <b>Section 2.4.3</b> of the ERR</li> <li>• Power line location is presented in <b>Section 2.5.2</b> of the ERR</li> <li>• Construction of the power line is described in Section 2.4.5</li> <li>• Potential effects of the construction of power lines, roads, and staging areas, and mitigation of those potential effects, are addressed in <b>Section 7</b> of the ERR</li> </ul>	

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
			<p>maintenance, and decommissioning</p> <ul style="list-style-type: none"> <li>• Presentation and documentation discussed a 2% impact on the site however this does not appear to include staging areas and full road width</li> </ul>		
Bryan Sears	Letter	Feb 25, 2008	<ul style="list-style-type: none"> <li>• Winter Bird Survey Protocol</li> <li>• Report indicates you will conduct 1 site visit in Jan and 2 in Feb to assess winter bird activity – we feel this is inadequate, particularly from a raptor standpoint – as use of specific areas by raptors can be quite variable from one day to the next. Request that you conduct at least 4 site visits per month (i.e. once per week) spanning from Dec 20 to Mar 20</li> <li>• Report indicates that staff will walk transects along roads and note birds that are seen or heard. We recommend that in addition to walking transects, you also need to sample within the shrub lands and forested areas where you will undoubtedly encounter other species.</li> <li>• Request that data be collected as described in EC's Recommended Protocols for Monitoring Impacts of Wind Turbines on Birds</li> <li>• Also recommend that data collected be analyzed and mapped to show specific areas of significance related to species and/or abundance data</li> <li>• Provided comments on: Breeding Survey Protocol, Spring and Fall Migration Protocols</li> </ul>	<ul style="list-style-type: none"> <li>• Comments and concerns were addressed through a conference call with representatives of EC, MNR and Gilead on March 20, 2008 and submission of a revised 2008 Bird Work Program on May 7, 2008</li> </ul>	March 20 and May 7, 2008
Bryan Sears	Email	June 20, 2008	<ul style="list-style-type: none"> <li>• Will pass information on to ecologist and GIS person.</li> </ul>	<ul style="list-style-type: none"> <li>• Currently compiling background information for the Ostrander Point Wind Energy Park study area to be used in the environmental review.</li> <li>• We're looking for any information regarding sensitive species or sensitive areas within the study area, and along the 44kV transmission line route.</li> </ul>	June 20, 2008

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
Bryan Sears and Todd Norris	Email	July 15, 2008	<ul style="list-style-type: none"> <li>MNR would like to see additional acoustic monitoring sites in order to more thoroughly assess bat species presence across habitats at the site as per MNR bat guidelines.</li> <li>Height of the acoustic microphones should ideally be increased as well as per guidelines.</li> <li>As per the guidelines, we recommend that fall migration monitoring begin in mid July.</li> </ul>	<ul style="list-style-type: none"> <li>sent MNR detailed protocol to ensure the MNR is satisfied with the proposed Ostrander Acadian Radar Program, particularly as it relates to MNRs draft Guidelines to Assist in the Review of Wind Power Proposals: Potential Impacts to Bats and Bat Habitats</li> </ul>	June 24, 2008
Bryan Sears	Email	June 25, 2008	<ul style="list-style-type: none"> <li>Attached a Natural Heritage Review, attached map showing known NHIC species occurrences as well as ANSIs and wetlands for the area</li> </ul>	<ul style="list-style-type: none"> <li>Inquired if MNR could send GIS layers of the information</li> </ul>	July 25, 2008
Bryan Sears	Email	July 3, 2008	<ul style="list-style-type: none"> <li>Informed us we needed to request the data through Land Information Ontario</li> </ul>	<ul style="list-style-type: none"> <li>Sent Land Information request to MNR</li> </ul>	July 3, 2008
Larry Bradt	Email	July 25, 2008	<ul style="list-style-type: none"> <li>Provided two zip files of wetlands and wind energy allocation block for the study area, that is all the information they had on the study area</li> </ul>	<ul style="list-style-type: none"> <li>Wetlands are discussed in ERR <b>Section 7.8</b>, and <b>Appendix A</b></li> </ul>	N/A
Bryan Sears	Email	July 29, 2008	<ul style="list-style-type: none"> <li>there are a number of watercourses that cross the subject site as well as along the location of the proposed transmission line</li> <li>thermal status of these watercourses is unknown</li> <li>fisheries assessments are recommended to determine thermal regimes of these watercourses and what timing restrictions may be required</li> </ul>	<ul style="list-style-type: none"> <li>Inquired if the MNR had any information regarding historical fish catch sample records or thermal regimes of watercourses either within the study area or along the 44kV transmission line route</li> <li>Fisheries Assessment is described in ERR <b>Section 7.1</b> and <b>Appendix A</b></li> </ul>	July 11, 2008
Bryan Sears	Email	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Discussed with the Acadia radar study contact, and there have been some refinements to the acoustic portion of the proposed study since the work program was prepared:</li> <li>Two Binary-Acoustic detectors will be elevated on the MET tower, located in the centre of the site. I have asked that these be placed at two different elevations; at least one, and possibly both, will be more than 30 m above the</li> </ul>	July 15, 2008

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
				<p>ground.</p> <ul style="list-style-type: none"> <li>The acoustic detectors will be installed this week; data collection should begin no later than the beginning of next week.</li> <li>Regarding the addition of acoustic sites, it will not be possible to significantly elevate detectors anywhere else on the subject lands. I am not sure of the value of ground-based detectors as it relates to the Environmental Assessment; although such a detector would provide information on bat activity within 20-30 m of the ground, it would not be relevant to assess risk to animals in the blade sweep area 40-120 m above the ground. As well, I note that the MNR guidelines provide consideration of a reduced number of acoustic survey stations on sites where a radar study provides broad site coverage (p. 16), and that the habitat on the subject lands is quite uniform. Accordingly, I believe that the two detectors elevated at the central location, in conjunction with the radar, will provide sufficient information to assess collision risk to bats.</li> </ul>	
Bryan Sears	Letter	27 August 2008	<ul style="list-style-type: none"> <li>There are three applications for wind power on Crown land that partially fall within the area indicated on your map</li> <li>Of the three applications, two are offshore, and one is onshore</li> </ul>	<ul style="list-style-type: none"> <li>Addressed in <b>Section 8.2.4</b> of the ERR</li> <li>Projects will not be included in the CEA as they cannot be defined as certain or reasonably foreseeable</li> </ul>	N/A
<b>Ministry of Transportation</b>					
Peter Makula	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up with cumulative effects letter sent to Hydro One on July 16 Requesting confirmation that they did receive letter and inquiring as to when they will provide a response</li> </ul>	October 30, 2008
Peter Makula	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up with cumulative effects letter</li> </ul>	November

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
				<ul style="list-style-type: none"> <li>sent to Hydro One on July 16</li> <li>Peter said we will receive their response by the end of the week (November 10)</li> </ul>	7, 2008
<b>Ontario Realty Corporation</b>					
Lisa Myslicki	Email	June 6, 2008	<ul style="list-style-type: none"> <li>ORC-managed property is not within the Study Area</li> <li>ORC has no concerns with the Project</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
John MacKenzie	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up with cumulative effects letter sent to Hydro One on July 16</li> <li>Requesting confirmation that they did receive letter and inquiring as to when they will provide a response</li> <li>Recommended we talk to Julius Lindsay</li> </ul>	October 30, 2008
Julius Lindsay	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up with cumulative effects letter sent to Hydro One on July 16</li> <li>Requesting confirmation that they did receive letter and inquiring as to when they will provide a response</li> </ul>	October 30, 2008
<b>Municipal Agencies</b>					
<b>Municipal Property Assessment Corporation</b>					
Diane McQuaid	Email	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Emailed regarding obtaining the municipal tax assessment roll for South Marysburgh and Hillier Township</li> <li>Provided NOM and cover letter for their reference</li> </ul>	May 15, 2008
Diane McQuaid	Phone call		<ul style="list-style-type: none"> <li>May 23, 2008</li> </ul>	<ul style="list-style-type: none"> <li>Follow up to email sent regarding obtaining the municipal tax assessment roll for the Townships of South Marysburgh and Hillier</li> <li>Diane provided contact person (Christine Burden)</li> </ul>	N/A
Christine Burden	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow up to email sent regarding obtaining the municipal tax assessment roll for the Townships of South Marysburgh and Hillier</li> <li>CB said the request has been passed to</li> </ul>	May 30, 2008

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
				head office	
Christine Burden	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Follow up to email sent regarding obtaining the municipal tax assessment roll for the Townships of South Marysburgh and Hillier</li> <li>CB said they could only release the assessment roll to us if it was required by a regulation or legislation</li> </ul>	June 4, 2008
<b>Prince Edward County</b>					
	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Called RE: obtaining tax assessment roll</li> <li>Roll could not be sent electronically, Stantec would have to come in and copy the roll; however, roll could not be photocopied, we could use the roll to compile our own list</li> <li>Recommended Stantec talk to MPAC</li> </ul>	May 15, 2008
Steven Carrol, Public Works Department	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Calling regarding the Cumulative Effects Assessment letter sent to the public works department on July 25, 2008, following up regarding whether the public works department had received the letter and when a response can be anticipated</li> <li>SC indicated the information would be coming from the planning department, he will respond with an official letter when he returns from vacation</li> </ul>	October 30, 2008
JoAnn Egan	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Left a voicemail following up on the cumulative effects assessment letter sent to JoAnn on July 16. Want to ensure had the letter had been received, and get an indication of when a response may be forthcoming</li> </ul>	October 30, 2008
JoAnn Egan	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Left a voicemail following up on the cumulative effects assessment letter sent to JoAnn on July 16. Want to ensure had the letter had been received, and get an indication of when a response may be forthcoming</li> </ul>	November 1, 2008

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
JoAnn Egan	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Left a voicemail following up on the cumulative effects assessment letter sent to JoAnn on July 16. Want to ensure had the letter had been received, and get an indication of when a response may be forthcoming</li> </ul>	November 7, 2008
JoAnn Egan	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Left a voicemail following up on the cumulative effects assessment letter sent to JoAnn on July 16. Want to ensure had the letter had been received, and get an indication of when a response may be forthcoming</li> </ul>	November 13, 2008
Ryan Leary	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>left a voicemail requesting information on development projects within the County as we are currently conducting a cumulative effects assessment for the Ostrander Point Wind Energy Park</li> </ul>	November 25, 2008
Ryan Leary	Phone call	N/A	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Discussed potential projects in the area</li> <li>It was confirmed that: <ul style="list-style-type: none"> <li>the Cottage Advisors Development has submitted their report for approval, and the County is currently reviewing their supporting studies</li> <li>no documents have been submitted at this stage for the Port Royal development</li> <li>it can be assumed that public works may be going on in the Study Area</li> <li>JC sent RL a follow-up email to confirm their discussion</li> </ul> </li> </ul>	November 27, 2008
Ryan Leary	Email	November 28, 2008	<ul style="list-style-type: none"> <li>Please accept this email as confirmation that the information you have appears accurate.</li> <li>It would appear that the Cottage Advisors development is beyond the 10 km parameters of your study. If you plan to include this proposed development you may wish to also include the Shore Club Holdings ZBA application, for 5 rental cottage on East Lake</li> </ul>	<ul style="list-style-type: none"> <li>Sent an email summarizing telephone conversation this afternoon regarding the cumulative effects letter sent to the PEC Planning Department on July 16, 2008: <ul style="list-style-type: none"> <li>the Cottage Advisors Development has submitted their report for approval, and the County is currently reviewing their supporting studies</li> </ul> </li> </ul>	November 27, 2008

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
			(258C County Road 18), which was denied by County Council but currently at the OMB	<ul style="list-style-type: none"> <li>○ no documents have been submitted at this stage for the Port Royal development</li> <li>○ it can be assumed that public works may be going on in the Study Area</li> <li>● Please confirm the above and we would appreciate any additional information you may have.</li> </ul>	
<b>Quinte Conservation</b>					
Tim Trustham	Letter	Jan 17, 2008	<ul style="list-style-type: none"> <li>● applicant will need to apply to the CA for a permit prior to site grading or development within 30 m of any watercourses on private or municipal lands</li> <li>● suggest that any infrastructure associated with the development be located outside of an appropriate buffer from the South Bay Provincially Significant Coastal Wetland</li> <li>● Suggest that any infrastructure be located outside of the 1:100 year flood plain (75.7 m from GSC) plus an allowance for wave uprush (0.4 m)</li> <li>● QC does [not?] have any reports, mapping or inventories for he Ostrander Point lands, nor the surrounding area</li> <li>● QC would appreciate a copy of the Final EA for our records</li> </ul>	<ul style="list-style-type: none"> <li>● Permits and Approvals are discussed in <b>ERR Section 4.0</b></li> <li>● Project Layout is shown in Figure 1, and wetlands are discussed in <b>ERR Section 7.8</b> and <b>Appendix A</b></li> </ul>	N/A
Tim Trustham	Fax	June 03, 2008	<ul style="list-style-type: none"> <li>● Applicant will need to apply to the CA for a permit prior to site grading or development (construction) within 30 m of any watercourses on private or Municipal lands (e.g. upgrading of Municipal roads to accommodate the transportation of materials or equipment to the site).</li> <li>● Suggest that any infrastructure associated with the development be located outside an appropriate buffer from the South Bay Provincially Significant Coastal Wetland</li> <li>● In addition, we would like to suggest that any</li> </ul>	<ul style="list-style-type: none"> <li>● Permits and Approvals are discussed in <b>ERR Section 4.0</b></li> <li>● Project Layout is shown in Figure 1, and wetlands and ANSIs are discussed in <b>ERR Section 7.8</b> and <b>Appendix A</b></li> </ul>	N/A

Contact Person	Type of Correspondence	Date	Issue or Concern	Response / Request	Date of Response
			<p>infrastructure be located outside of the 1:100 year flood plain of Lake Ontario (75.7 m GSC), plus an allowance for wave uprush (0.4 m)</p> <ul style="list-style-type: none"> <li>• QC does [not?] have any reports, mapping or inventories for the Ostrander Point lands</li> <li>• Appear that the proposed transmission line may traverse a portion of the South Bay Provincially Significant Wetland, and would traverse several watercourse features, in addition to the Black Creek Valley Area of Natural Scientific Interest</li> <li>• Further information (i.e. natural heritage values, fisheries) may be obtained from the Kingston area office of the MNR</li> <li>• QC would appreciate a copy of the EA document for our records</li> </ul>		
Tim Trustham	Email	July 11, 2008	<ul style="list-style-type: none"> <li>• QC has no historical fish catch data or thermal regime information for the study area</li> </ul>	<ul style="list-style-type: none"> <li>• Inquiring if QC has any information regarding historical fish catch sample records or thermal regimes for the watercourses in the study area or along the 44kV transmission line route</li> </ul>	July 11, 2008
Tim Trustham	Email	July 15, 2008	<ul style="list-style-type: none"> <li>• QC has no data records for the study area or transmission line route, they obtain their information from the MNR, Stantec should contact the MNR</li> </ul>	<ul style="list-style-type: none"> <li>• Inquiring if QC has any information regarding sensitive species or sensitive areas within the study area or along the 44kV transmission line route</li> </ul>	July 15, 2008
Tim Trustham	Fax	July 22, 2008	<ul style="list-style-type: none"> <li>• Response to Stantec's request for cumulative effects information</li> <li>• QC has no knowledge of any development proposals within the study area and suggest that Stantec consult with the PEC for further information</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>	N/A
Tim Trustham	Email	July 29, 2008	<ul style="list-style-type: none"> <li>• We do not have any data records (fisheries, sensitive species, etc.) for either the study area or the transmission line route</li> </ul>	<ul style="list-style-type: none"> <li>• Writing to inquire if QC has any other data for the study area, eg. sensitive species or sensitive areas within the study area or along the 44kV transmission line route</li> </ul>	July 29, 2008

March 10, 2008 (by email)

Marnie Dawson  
Project Manager  
Jacques Whitford  
7271 Warden Avenue  
Markham, ON L3R 5X5  
E-mail: [marnie.dawson@jacqueswhitford.com](mailto:marnie.dawson@jacqueswhitford.com)

**Subject: Response to the Notice of Commencement for the Proposed Wind Energy Park in Ostrander Point Crown Land Block South Marysburgh, Prince Edward County, Ontario**

Dear Ms. Dawson,

Referring to the notice of commencement of February 11, 2008, we recommend preparing a preliminary report using the RABC/CanWEA Guidelines so as to determine whether the proposed wind turbine project could impact the services provided in and around the area. The results of the studies should be shown, on separate maps, for every section that is found in the guidelines. The following information should be provided and presented on maps:

- The location of the population (buildings) in and around the proposed wind turbines
- The coordination zones for the various broadcasting and radiocommunication services
- The path used by the RF links in and around the proposed wind farm project

If any receiver or transmitter falls in a coordination zone, a detailed study should be conducted.

We have appended to this letter an outline of a typical report for a detailed study and the RABC/CanWEA Guidelines. This outline may need to be adapted for each particular project. It also gives some indication as to other radiocommunication services, besides broadcasting, that may be affected by wind turbines.

We hope that you will find these explanations satisfactory. We remain committed to working in cooperation with you, the proponent and the Wind Energy industry as a whole.

Sincerely,



Martin Levert, Eng. M.Sc.  
Engineer

Spectrum and Broadcast Coverage Planning Engineering  
Strategy and Planning  
CBC Technology

cc: Vicki Mitchell, EA Coordinator, Eastern Region, Ministry of the Environment

## Appendix A

### Guidelines for a Technical Engineering Report on the Environmental Impacts of Wind Turbines on Radiocommunication Services

#### Foreword

This appendix outlines the primary steps, directives, and information required to produce, per industry standards, an engineering report detailing the potential impacts of installing one or more wind turbines near broadcasting and auxiliary radiocommunication services.

It does not eliminate the need to consult with a consulting engineer .

We suggest reviewing the following technical reference documents:

- Ref. 1 - *Radio Advisory Board of Canada<sup>1</sup> & Canadian Wind Energy Association<sup>2</sup>, Technical Information and Guidelines on the Assessment of the Potential Impact of Wind Turbines on Radio communication, Radar and Seismoacoustic Systems, April, 2007*
- Ref. 2 - *Industry Canada, BPR - Part 4, Application Procedures and Rules for TV Broadcast Undertakings, 1997 edition*
- Ref. 3 - *Industry Canada, BT-5 - Report on Predicting Television Ghosting Interference and Picture Quality, 2nd edition, 1989*
- Ref. 4 - *Industry Canada, CR-9 – Television Ghosting Interference Analysis, 2nd edition, April 1, 1996*
- Ref. 5 - *Sengupta, D.L. and Senior, T.B.A, Electromagnetic Interference from Wind Turbines, in Spera, D. A. (dir.) and "Wind Turbine Technology, Fundamental Concepts of Wind Turbine Engineering," 1994, Chapter 9*
- Ref. 6 - *ITU-R BT.805, Assessment of Impairment Caused to Television Reception by a Wind Turbine, 1992*
- Ref. 7 - *D. F. Bacon, D.F., Fixed-Link Wind-Turbine Exclusion Zone Method, October 2002*
- Ref. 8 - *BBC/RA/ITC, The Impact of Large Buildings and Structures (including Wind Farms) on Terrestrial Television Reception*
- Ref. 9 - *DTI, Wind Energy and Aviation Interest – Interim Guidelines, Copyright 2002*
- Ref. 10 - *Van Lil, E., Trappeniers, D., Catrysse, J., Goddyn, A., Van Vooren, M. and Van de Capelle, A., Computations of the Effects of Wind Turbines on RF Systems, Lissebone, September 2002*
- Ref. 11 - *Vaughan, T. and McClure, H. Reflection and Ghosts in a Multitower Environment, IEEE Transactions on Broadcasting, Vol. 35, No. 1; March 1989*
- Ref. 12 - *Salema, C., Fernandes, C., and Fauro, L.; TV Interference from Wind Turbine; Instituto Superior Técnico and Instituto de Telecomunicações; Lisbon, February 2001*
- Ref. 13 - *Agence Nationale des Fréquences, Perturbation de la réception des ondes radioélectriques par les éoliennes, France, 2002*

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<sup>1</sup> Radio Advisory Board of Canada (RABC) – WEB Address: <http://www.rabc.ottawa.on.ca/>

<sup>2</sup> Canadian Wind Energy Association (CanWEA) – WEB Address : <http://www.canwea.ca/>

Please note that the above list is merely a partial bibliography of the topic. It will lead readers to several other technical articles.

Reference No. 5 is, in our opinion, the basic reference that must be consulted on the topic of **dynamic interference** caused by the rotation of wind turbine blades. Its discussion focuses on impacts on a large number of radiocommunication systems. It is cited as a reference by several of the technical articles listed above and by others available at science libraries. The authors propose computational methods for delineating the interference zones of various kinds of radiocommunication systems caused by a wind turbine or wind farm located near the systems.

The ITU-R BT.805 document mentioned in Reference No. 6 is the result of research by Drs. Sengupta, Senior, and Ferris and discusses interference caused by a single wind turbine on television signal reception.

Although the **static interference** caused by wind turbine support towers is not dealt with specifically in the articles and reports of Drs. Sengupta, Senior, and Ferris, the combined effect of both static and dynamic interference was observed to aggravate reception problems with NTSC television signals in some situations. The topographical and geometric characteristics of the specific situations are at issue here. References No. 2, 3, 4, 8, and 11 all discuss the question of static interference.

#### **Suggested content of the engineering report**

- a) A preliminary analysis including an inventory of the different radiocommunication services that could be affected by the presence of wind turbines and, if applicable, maps showing the wind turbine coordination and/or exclusion zones near the potentially affected services
- b) An analysis of potential interference (static and/or dynamic), using the appropriate methods provided and described in the various technical documents referenced; consultation with specialists in a particular field may be required as needed. The methods selected must be identified in the report and the reasons for choosing them explained as needed
- c) Maps showing the potential interference zones for the various radiocommunication services
- d) A list of mitigation methods and the zones in which they may be able to solve the previously identified interference problems
- e) The description of a system for recording complaints and a method for analyzing which complaints will be deemed valid
- f) The signature of the report by the engineers responsible for preparing and writing it

#### **a) Preliminary analysis and inventory of radiocommunication services**

It is essential that the preliminary analysis provide a comprehensive inventory of the radiocommunication systems operated near planned wind turbine locations. At this stage we suggest using the document drafted by the RABC CanWEA document (Reference No. 1) as a coordination guide in order to focus research on the appropriate radiofrequency databases. The inventory should include the following list of radiocommunication services:

- i. AM transmitters and their distance from the nearest wind turbine
- ii. FM transmitters located within close proximity of the wind farm
- iii. NTSC analogue television transmitters serving the region
- iv. ATSC digital television transmitters serving the region
- v. Reception site locations of regional cable operators
- vi. Nearby satellite uplink and downlink systems (reception)
- vii. Nearby radar systems
- viii. Nearby airport communication and guidance systems
- ix. Nearby coast guard communication systems
- x. Point-to-point radiocommunication links
- xi. Multipoint Distribution Service (MDS) television transmitters
- xii. MATV reception systems

Please note that a document dealing with the impacts on radiocommunication services is now being prepared by the RABC (Radio Advisory Board of Canada).<sup>3</sup>

#### **Coordination and/or exclusion zones**

- i. AM transmitters (540 to 1705 kHz band)

All plans to install wind turbines within a four-kilometre radius of an AM transmitter must include an interference analysis for the service. In addition, we recommend a minimal exclusion zone of two kilometres between wind turbines and AM transmitters equipped with an omnidirectional antenna, and a zone of four kilometres for directional antenna systems.

- ii. FM transmitters (88 to 108 MHz band)

An exclusion zone with a radius of one kilometre must be maintained around any FM station (operating class A and above) to avoid a direct effect on signal quality. Any installation of a wind turbine within that perimeter must be coordinated with the broadcaster.

- iii. NTSC analogue television transmitters

Use the RABC CanWEA document to determine the coordination zone.

- iv. ATSC digital television transmitters

Use the RABC CanWEA document (Reference No. 1) to determine the coordination zone.

- v. Cable company reception locations

Given the variety of reception systems used by cable operators, we recommend identifying the reception systems first and then using the appropriate sections of the RABC CanWEA document (Reference No. 1) to determine coordination zones.

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<sup>3</sup> Web address for RABC: <http://www.rabc.ottawa.on.ca/>

vi. Satellite uplink and downlink systems

Use the RABC CanWEA document (Reference No. 1) to determine the coordination zone. The operators of potentially affected systems must be identified for coordination purposes.

vii. Radar systems

Consultations will be required with an expert in the field to determine the appropriate coordination zones. The primary radar system operators are the Department of National Defence, NavCanada, and Environment Canada.

viii. Airport communication and guidance systems

Consultations will be required with an expert in the field to determine the appropriate coordination zones. The primary operator of such systems is NavCanada.

ix. Coast guard communication systems

Consultations will be required with an expert in the field to determine the appropriate coordination zones.

x. Point-to-point radiocommunication links

Use the RABC CanWEA document (Reference No. 1) to determine the coordination zone.

xi. Multipoint Distribution Service (MDS) television broadcast stations

Use the RABC CanWEA document (Reference No. 1) to determine the coordination zone.

xii. MATV reception systems

Given the variety of reception systems used by MATV systems, we recommend identifying the reception systems first and then using the appropriate sections of the RABC CanWEA document (Reference No. 1) to determine coordination zones.

**b) Potential static and dynamic interference analysis and maps**

To evaluate **potential dynamic interference with television reception**, we recommend performing an analysis using the wind farm computational method proposed by Drs. Sengupta and Senior in Reference No 5., for a 16 dB ratio of desired to undesired signal. Note that the method outlined in the ITU-R BT.805 document listed in Reference No. 6 is limited to determining the individual effect of each wind turbine.

To evaluate **potential static interference with television reception**, we recommend using the method in References No. 3 and 4, based on the specifications listed in Reference No. 2. Reference documents No. 8 and 11 will provide an understanding of the issues.

To evaluate **potential dynamic interference** with signals on **various types of links, including VHF, UHF, microwave and satellite**, we recommend using the methods described in Reference No. 6 or in more recent articles on the topic.

The engineering report must describe the scientific methods employed, their sources, the underlying assumptions, and the values of the parameters that entered into the different calculations.

#### **c) Interference maps**

When potential for interference is identified, a topographical map showing the location of the interference zone should be provided. Ideally, the location of the transmitters in the affected systems and the location of the wind turbines should also be marked on the maps.

#### **d) Mitigation measures**

If some interference is unavoidable, the report must detail the mitigation measures that will be taken to resolve the interference problems affecting the various radiocommunication systems, for each specific interference zone. The report must also demonstrate the feasibility of the proposed mitigation measures.

#### **e) Complaints registry**

The report should indicate the mechanism that will be put in place to allow affected communities or radiocommunication service operators to file complaints and should describe the normal follow-up procedure for such complaints.

We recommend that the complaints registry be open for consultation by Québec's Ministère du Développement durable, de l'Environnement, et des Parcs and the various organizations involved, including affected radiocommunication system operators.

#### **f) Signature**

The engineering report must be signed by an engineer (or engineers), pursuant to the applicable provincial statutes.

If the report was prepared by an engineering consulting firm located in the Province of Québec or is related to an installation that will be located in the Province of Québec, engineers signing the report need to be members of l'Ordre des ingénieurs du Québec and the report needs to be signed pursuant to Section 3.04.02 of the Code of Ethics of Engineers R.R.Q., c. I-9, r.3, adopted under Section 87 of the Professional Code R.S.Q., c. C-26.

Easterling, Kathleen

CFB TRENTON

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**From:** Craig.DA@forces.gc.ca  
**Sent:** Friday, January 25, 2008 2:08 PM  
**To:** Easterling, Kathleen  
**Cc:** SCHRAMM.K@forces.gc.ca  
**Subject:** Wind Turbine Proposal

Kathleen,

I have reviewed the proposal to install wind turbines on PEC. Based on the proposed location, the installation will not impact any of our sites. If, however, the proposed location should change, please contact me again.

Drew A. Craig  
8 Wing Trenton  
Wing Environmental Officer  
Telephone: (613) 965-3930  
Fax: (613) 965-3368



Canadian Environmental  
Assessment Agency

55 St-Clair Avenue East  
9th Floor, Room 907  
Toronto, Ontario  
M4T 1M2

Agence canadienne  
d'évaluation environnementale

55 Avenue St-Clair Est  
9ième étage, pièce 907  
Toronto, Ontario  
M4T 1M2



March 28, 2008

Marnie Dawson  
Project Manager  
Jacques Whitford  
7271 Warden Avenue  
Markham, Ontario L3R 5X5

Dear Ms. Dawson,

**Re: Wind Energy Park on Ostrander Point Crown Land Block**

Further to our telephone conversation on February 20, 2008, you indicated that the above named proposal is for up to 12 turbines with a nameplate capacity of 20MW. I reviewed the information provided in the document "Ostrander Point Wind Energy December 17, 2007." Based on the document provided, there is not enough information, to date, in order for me to circulate the Project Description to federal authorities to determine whether or not the Act may apply. As such, the Agency would not be in a position to act as the federal environmental assessment coordinator at this time.

The *Canadian Environmental Assessment Act* (the Act), applies to federal authorities when they contemplate certain action or decisions in relation to a project that would enable it to proceed in whole or in part. A federal environmental assessment (EA) may be required when a federal authority:

- a) is the proponent of the project;
- b) provides financial assistance to the proponent;
- c) sells, leases or otherwise disposes of federal lands; or
- d) issues a permit, licence or any other approval as prescribed in the *Law List Regulations*.

For projects that are concurrently subject to both federal and provincial EA legislation, the Agency will act as the federal environmental assessment coordinator and facilitate the involvement of the federal authorities in a co-ordinated assessment aimed at meeting all agencies' needs simultaneously.

.../2





Please note that, for wind power projects in particular, one possible trigger for a federal EA is through an application for funding through Natural Resources Canada's (NRCan's) ecoENERGY Renewable Power Program.

You indicated that you do not intend to apply for this program. If in the future you consider making an application, please be advised that NRCan has established that proponents must apply for the funding and receive a Notice of Project Application status prior to NRCan determining whether it has a responsibility to ensure an EA is carried out. For proponents who have or will be soon applying to this funding program, NRCan has requested the information outlined on the attached page be included either within the Project Description or as a separate document along with the Project Description.

Other potential triggers include permits that are occasionally necessary for watercourse crossings associated with turbine access roads or transmission lines. Although the above is not an inclusive list of all potential triggers for a federal EA for wind energy projects, they are the most common.

With particular reference to wind power proposals, please note that the Agency does not play a federal coordination role if the provincial environmental assessment process is complete. If your project may still be subject to a federal environmental assessment following the completion of the provincial process, please contact the federal agency who may be required to ensure a federal assessment is carried out, such as Natural Resources Canada, Fisheries and Oceans Canada, and/or Transport Canada.

Please also note that, regardless of whether there is a federal environmental assessment required for your project, Environment Canada has a mandated interest in the potential effects of wind farms on birds and can provide comment through the provincial EA process. For more information, please refer to their guidance document "Wind Turbines and Birds" at [http://www.cws-scf.ec.gc.ca/publications/eval/turb/cont\\_e.cfm](http://www.cws-scf.ec.gc.ca/publications/eval/turb/cont_e.cfm).

If you have any questions regarding the above, please contact me at 416-952-6063.

Sincerely,

Jim Chan  
Senior Program Officer  
Canadian Environmental  
Assessment Agency, Ontario Region

JC/js

.../3



**Information requested by NRCan to be included in the project description for proponents who have applied to the ecoENERGY Renewable Power Program**

This information provided will be used by Federal Authorities with interests related to the potential impact of the wind farm on radiocommunication, radar and seismoacoustic systems. More information on this topic, is provided in the guidelines published by the Radio Advisory Board of Canada and the Canadian Wind Energy Association entitled *Technical Information Guidelines on the Assessment of Potential Impact of Wind Turbines on Radiocommunication, Radar and Seismoacoustic Systems*. This guideline is available at:

[http://www.canwea.ca/images/uploads/File/Wind\\_Energy\\_Policy/RA-BC-CanWEA-TechnicalInformationGuidelinesrePotentialImpactofWindTurbines\\_2.pdf](http://www.canwea.ca/images/uploads/File/Wind_Energy_Policy/RA-BC-CanWEA-TechnicalInformationGuidelinesrePotentialImpactofWindTurbines_2.pdf)

**Information to be provided:**

1. Determination of whether there are potential impacts to the Canadian Broadcasting Corporation's (CBC) radio communication systems. This determination should include the results of calculations listed in Table 2 of the above mentioned guideline for point to point, over the air reception and satellite systems. Please contact Martin Levert (eoliennes\_windturbines@radio-canada.ca or (514) 597-6359) at the CBC if you have any questions regarding these calculations.
2. Determination of whether the wind farm would be within the consultation zone described in Table 2 of the above mentioned guidelines for seismoacoustic monitoring equipment.
3. Determination of whether the wind farm would be within the consultation zone described in Table 2 of the above mentioned guidelines for weather radars.
4. Site map (please include the location of each proposed turbine and nearest towns on the map).
5. Latitude and longitude of each wind turbine (or the four corners of the wind farm if each turbine location is not yet known).
6. Latitude and longitude of the substation.
7. Ground or base elevation above Mean Sea Level for each turbine (m) (or the average elevation above Mean Sea Level if turbines specific information is not yet known).
8. Height of each nacelle above ground level (m) (or the average of each nacelle above ground level if turbines specific information is not yet known).
9. Diameter of the rotating blades (m).
10. Blade material



**Canadian Environmental  
Assessment Agency**

55 St-Clair Avenue East  
9th Floor, Room 907  
Toronto, Ontario  
M4T 1M2

**Agence canadienne  
d'évaluation environnementale**

55 Avenue St-Clair Est  
9ième étage, pièce 907  
Toronto, Ontario  
M4T 1M2

July 7, 2008

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON  
N1G 3M5

Dear Mr. Mark Kozak,

**Re: Wind Energy Park on Ostrander Point Crown Land Block**

We are in receipt of your Notice of Modification dated May 20, 2008 indicating that the above named proposal is for up to 12 turbines with a nameplate capacity of 20MW and introducing Stantec Consulting Ltd. as the new project consultant. I had corresponded with Jacques Whitford, the previous consultant on the project file and had reviewed the information provided in the document "Ostrander Point Wind Energy December 17, 2007". I had indicated that, based on the document provided to date, there was not enough information in order for me to circulate the Project Description to federal authorities to determine whether or not the Act may apply. As such, the Agency would not be in a position to act as the federal environmental assessment coordinator at this time.

The *Canadian Environmental Assessment Act* (the Act), applies to federal authorities when they contemplate certain action or decisions in relation to a project that would enable it to proceed in whole or in part. A federal environmental assessment (EA) may be required when a federal authority:

- a) is the proponent of the project;
- b) provides financial assistance to the proponent;
- c) sells, leases or otherwise disposes of federal lands; or
- d) issues a permit, licence or any other approval as prescribed in the *Law List Regulations*.

For projects that are concurrently subject to both federal and provincial EA legislation, the Agency will act as the federal environmental assessment coordinator and facilitate the involvement of the federal authorities in a co-ordinated assessment aimed at meeting all agencies' needs simultaneously.

.../2



Please note that, for wind power projects in particular, one possible trigger for a federal EA is through an application for funding through Natural Resources Canada's (NRCan's) ecoENERGY Renewable Power Program.

You indicated that you do not intend to apply for this program. If in the future you consider making an application, please be advised that NRCan has established that proponents must apply for the funding and receive a Notice of Project Application status prior to NRCan determining whether it has a responsibility to ensure an EA is carried out. For proponents who have or will be soon applying to this funding program, NRCan has requested the information outlined on the attached page be included either within the Project Description or as a separate document along with the Project Description.

Other potential triggers include permits that are occasionally necessary for watercourse crossings associated with turbine access roads or transmission lines.

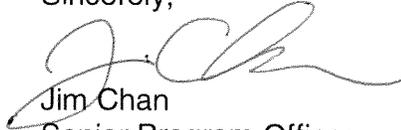
Although the above is not an inclusive list of all potential triggers for a federal EA for wind energy projects, they are the most common.

With particular reference to wind power proposals, please note that the Agency does not play a federal coordination role if the provincial environmental assessment process is complete. If your project may still be subject to a federal environmental assessment following the completion of the provincial process, please contact the federal agency who may be required to ensure a federal assessment is carried out, such as Natural Resources Canada, Fisheries and Oceans Canada, and/or Transport Canada.

Please also note that, regardless of whether there is a federal environmental assessment required for your project, Environment Canada has a mandated interest in the potential effects of wind farms on birds and can provide comment through the provincial EA process. For more information, please refer to their guidance document "Wind Turbines and Birds" at [http://www.cws-scf.ec.gc.ca/publications/eval/turb/cont\\_e.cfm](http://www.cws-scf.ec.gc.ca/publications/eval/turb/cont_e.cfm).

If you have any questions regarding the above, please contact me at 416-952-6063.

Sincerely,



Jim Chan  
Senior Program Officer  
Canadian Environmental  
Assessment Agency, Ontario Region

**Information requested by NRCan to be included in the project description for proponents who have applied to the ecoENERGY Renewable Power Program**

This information provided will be used by Federal Authorities with interests related to the potential impact of the wind farm on radiocommunication, radar and seismoacoustic systems. More information on this topic, is provided in the guidelines published by the Radio Advisory Board of Canada and the Canadian Wind Energy Association entitled *Technical Information Guidelines on the Assessment of Potential Impact of Wind Turbines on Radiocommunication, Radar and Seismoacoustic Systems*. This guideline is available at:

[http://www.canwea.ca/images/uploads/File/Wind\\_Energy\\_Policy/RA  
BC-CanWEA-  
TechnicalInformationGuidelinesrePotentialImpactofWindTurbines  
2.pdf](http://www.canwea.ca/images/uploads/File/Wind_Energy_Policy/RA_BC-CanWEA-TechnicalInformationGuidelinesrePotentialImpactofWindTurbines_2.pdf)

**Information to be provided:**

1. Determination of whether there are potential impacts to the Canadian Broadcasting Corporation's (CBC) radio communication systems. This determination should include the results of calculations listed in Table 2 of the above mentioned guideline for point to point, over the air reception and satellite systems. Please contact Martin Levert (eoliennes\_windturbines@radio-canada.ca or (514) 597-6359) at the CBC if you have any questions regarding these calculations.
2. Determination of whether the wind farm would be within the consultation zone described in Table 2 of the above mentioned guidelines for seismoacoustic monitoring equipment.
3. Determination of whether the wind farm would be within the consultation zone described in Table 2 of the above mentioned guidelines for weather radars.
4. Site map (please include the location of each proposed turbine and nearest towns on the map).
5. Latitude and longitude of each wind turbine (or the four corners of the wind farm if each turbine location is not yet known).
6. Latitude and longitude of the substation.
7. Ground or base elevation above Mean Sea Level for each turbine (m) (or the average elevation above Mean Sea Level if turbines specific information is not yet known).
8. Height of each nacelle above ground level (m) (or the average of each nacelle above ground level if turbines specific information is not yet known).
9. Diameter of the rotating blades (m).
10. Blade material





**Stantec**

## CONTACT RECORD

**NAME(S):** Jim Chan **PROJECT NO.:** 160960369  
**TELEPHONE:** 613-248-4162 **REPRESENTING:** CEAA  
**RE:** Federal Involvement **DATE/TIME:** Sept 2, 2008  
**RECORDED BY:** M Kozak

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- Jim asked based on new project information if it appears as though the project would trigger the CEAA
- Based on the information to date, Stantec confirmed the project does not appear to trigger the CEAA
- In the event that project may trigger the CEAA, Stantec will provide an updated Project Description to the CEA Agency.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE





National Defence

Défense nationale

National Defence Headquarters  
Ottawa, Ontario  
K1A 0K2

Quartier général de la Défense nationale  
Ottawa (Ontario)  
K1A 0K2

7800-25-A169/2 (DRFM Mgr 3)

9 April 2008

Mr. Francois Lauzon  
Jacques Whitford  
2781 Lancaster Rd., Suite 200  
Ottawa, ON, K1B 1A7

Dear Mr. Lauzon:

*francois*

**PROJECT STUDY AREA - OSTRANDER POINT, ONTARIO**

The Department of National Defence (DND), through the Unexploded Explosive Ordnance (UXO) and Legacy Sites Program (UXO Program), has conducted a review of documentation on the former South Bay Rocket and Air to Ground Gunnery Range at Ostrander Point. The review has revealed that there are areas within the template of the former bombing range which hold residual risk and will require consideration for clearance activities prior to any development involving subsurface work.

At this time, and being uncertain of the exact locations for proposed structural components of the Ostrander Point Wind Farm, it is impossible to determine the full extent of risk to workers during installation of 10x10M concrete pads, constructing site access roads and the onsite substation, etc. Investigative measures conducted on the former range date back nearly sixty years and were limited to certifying the land for a surface clearance only. These same documents also state that certain areas would require additional assessment and clearance prior to conducting any subsurface work.

I believe that it would advantageous for the UXO and Legacy Sites Program to be involved in the planning stages for Ostrander Point Wind Farm infrastructure so that higher risk areas may be avoided during construction.

As advised earlier, Mr Austin Baird has been assigned as Project Director for the Ostrander Point file. We would like to set a tentative meeting date of 06 May 2008 at our office to meet and further discuss the path forward.

Yours truly,

*Fran MacBride*

Fran MacBride  
Manager, UXO and Legacy Sites Program

Canada 

JW JOB: 1034331

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**From:** +WindTurbines@forces.gc.ca  
**Sent:** Thursday, May 22, 2008 2:26 PM  
**To:** Ostrander Point Wind Energy Park  
**Subject:** RE: Notice of Modification  
**Follow Up Flag:** Follow up  
**Flag Status:** Red

Hello:

My responsibility is to assess the impact of wind turbine locations on DND Air Traffic Control (ATC) and Defence Radars.

In order to assess the Ostrander Point Wind Energy Park, I require some additional information.

At this time I require:

- The Lat and Long of each corner of the Park;
- the vertical distance from the base of a turbine to the centre of the nacelle; and
- the length of the blades (to determine the disc diameter and maximum turbine radar height).

As your project progresses, I'll also require:

- The Lat and Long of each turbine; and
- ground height above sea level for each turbine location;

Thanks for your reply,

Bart

M.R. Bartley  
ATESS/EES/EDO  
CSN 827-7042  
Comm 613-392-2811-7042

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**From:** Ostrander Point Wind Energy Park [mailto:OstranderPoint@stantec.com]  
**Sent:** Wednesday, 21, May, 2008 12:21 PM  
**To:** +WindTurbines@ATESS@TRENTON  
**Subject:** Notice of Modification

Good morning -

Please find attached, in PDF format, a letter including a Notice of Modification regarding the Ostrander Point Wind Energy Park.

Thank-you,  
Stantec Consulting Ltd.

**From:** ROUTHIER.JM@forces.gc.ca  
**Sent:** Thursday, August 14, 2008 2:26 PM  
**To:** Ostrander Point Wind Energy Park  
**Cc:** Lavoie.MJ6@forces.gc.ca  
**Subject:** RE: Public Open House

**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
[Sir/Ma'am,](#)

We have evaluated your project as described below in respect to DND radiocommunication systems. We have no objections to this proposal.

Please be advised that the site is within 100 km of Kingston and Trenton so military radars at these locations may be at risk. The coordination contact for military radars is:

Website: [http://www.airforce.forces.gc.ca/8wing/squadron/atesse\\_e.asp](http://www.airforce.forces.gc.ca/8wing/squadron/atesse_e.asp)  
E-mail: [windturbines@forces.gc.ca](mailto:windturbines@forces.gc.ca)  
Phone : 613-392-2811 Ext 7042  
Regards,

**Major Jason Routhier**  
Head of Spectrum Management (Acting)  
National Defence Headquarters  
ADM(IM)/DGIMT/DIMTPS 5  
(613) 992-0473  
CSN 992-0473  
[http://img.mil.ca/natsvcs/telecomm/spc\\_mgt/index\\_e.asp](http://img.mil.ca/natsvcs/telecomm/spc_mgt/index_e.asp)

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**From:** Lavoie MJ@ADM(IM) DIMTPS@Ottawa-Hull  
**Sent:** Monday, 11, August, 2008 16:24 PM  
**To:** Routhier Maj JM@ADM(IM) DIMTPS@Ottawa-Hull  
**Subject:** FW: Public Open House

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**From:** Ostrander Point Wind Energy Park[SMTP:OSTRANDERPOINT@STANTEC.COM]  
**Sent:** Monday, August 11, 2008 4:23:07 PM  
**To:** Lavoie MJ@ADM(IM) DIMTPS@Ottawa-Hull  
**Subject:** Public Open House  
**Auto forwarded by a Rule**

Good afternoon -

Please find attached, in PDF format, a letter with the Notice of Public Open House regarding the Ostrander Point Wind Energy Park.

Thank-you,  
Gilead Power Corp. & Stantec Consulting

## Easterling, Kathleen

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**From:** Fell, Denise [Burlington] [Denise.Fell@ec.gc.ca]  
**Sent:** Friday, February 15, 2008 2:01 PM  
**To:** Dawson, Marnie  
**Cc:** mike.lord@gileadpower.com; Easterling, Kathleen; Allan, Sheila [Burlington]; Friesen, Lyle [Ontario]; Fischer, John [Burlington]; bryan.sears@ontario.ca; todd.norris@ontario.ca  
**Subject:** Environment Canada Comments on Winter Bird Survey Protocol for Ostrander Point Wind Energy Park, EC file 2007-096

Hi Marnie,

Environment Canada's comments on the draft Winter Bird Survey Protocol for Ostrander Point Wind Energy Park follow.

Although we are providing some advice regarding raptors, we wish to note that the protection and management of these species off federal lands are not under federal jurisdiction. Most raptors in Ontario are protected under the Province's *Fish and Wildlife Conservation Act*, and the Province is the regulatory and advisory authority on these important species. The MNR should be consulted regarding their recommendations for raptor surveys.

Our general comments on the project based on the project description and 2006 bird survey protocols are still being drafted and will follow at a later date.

### Specific Comments on January 28, 2008 draft Winter Bird Survey Protocol

It is unclear if the study area is an important wintering locale for raptors, as we have not yet received a habitat description for the non-forested land in the study area). It is important to know if this area contains suitable habitat for Short-eared Owl, Snowy Owl, Rough-legged Hawk, Red-tailed Hawk, Northern Harrier, and other raptors). Late afternoon surveys are required to document the presence of Short-eared Owl, which often are most active just around dusk. Three winter visits should be adequate to document the presence of wintering raptors, provided, and that the open area be surveyed on each of the three visits, and that each of these surveys extend into the evening period.

Surveys should be conducted under suitable weather conditions: good visibility, relatively light wind, and relatively warm. Weather conditions and the route taken should be recorded for each visit.

Special efforts should be made to cover the off-road open areas where turbine locations have been proposed. The study area is not particularly large and accessing off-road areas should not be too difficult. Simply surveying along access roads would provide incomplete coverage of the site. If need be, snowshoes could be used to ensure complete coverage of the open areas.

Forest birds are less likely to be an important issue in winter than open country birds but we still would like to know which birds are present. The forest habitat could be surveyed on the same day as the open field surveys.

Best Regards,

^ ^  
( °v° )  
( / \ )  
~" " ~

**Denise Fell**

**Environmental Assessment Officer**

Environment Canada

Environmental Assessment and Federal Programs Section

Environmental Protection and Operations Division - Ontario

867 Lakeshore Rd., Box 5050

Burlington, ON L7R 4A6

**Phone:** (905) 336-4951

**FAX:** (905) 336-8901



Environment Environnement  
Canada Canada

Environmental Protection Operations Division -Ontario  
Environmental Assessment Unit  
Environment Canada  
P.O. Box 5050, 867 Lakeshore Rd.  
Burlington, Ontario L7R 4A6

File No.: 2007-096

March 4, 2008

Marnie Dawson  
Project Manager  
Jacques Whitford Ltd.  
7271 Warden Ave  
Markham, ON L3R 5X5

Dear Ms. Dawson,

**Re: Environment Canada's Comments on Environmental Assessment Project Description and 2006 Migration and Breeding Bird Survey Protocols for the Environmental Assessment of Gilead Power Corporation's Ostrander Point Wind Energy Park**

Thank you for providing Environment Canada with the opportunity to comment on the proposed Ostrander Point Wind Energy Park, which is subject to *Ontario Regulation 116/01* under the *Environmental Assessment Act*. Environment Canada has an interest in this project and is pleased to offer the following preliminary scoping comments to Gilead Power Corporation for consideration in the provincial Environmental Screening Process, as well as in the federal environmental assessment (EA) should the *Canadian Environmental Assessment Act* (CEAA) be triggered. The purpose of our comments is to provide background information on our interests in the project and comments on the December 17, 2007 Project Description and 2006 Migration and Bird Survey Protocol (received on February 8, 2008). Due to the absence of any site-specific information in the Background Document, our comments are generally a request for additional information. Comments on the 2007 Winter Bird Survey Protocols were originally sent via email on February 15, 2008, and are included in this letter for your convenience.

Based on the information we have been provided about the project, we have determined that Environment Canada does not have any obligations that would trigger a federal environmental assessment of this project under CEAA. We understand that you have requested that the Canadian Environmental Assessment Agency launch the federal coordination process for this project by circulating your Project Description to relevant departments, however at this time you do not plan to apply for federal funding and a federal trigger for CEAA has not been identified. Regardless of the application of CEAA, we have an interest in the project and wish to participate in the environmental assessment.

#### Project Details

It is our understanding that the proposed project involves the construction, operation/maintenance, and decommissioning of a maximum of 12 - 1.5 MW or 1.65 MW wind turbines for a total capacity of approximately 20 MW. The hub of each turbine will be atop an 80m tower and will support 40m long blades. The electricity produced from each wind turbine will be conveyed via approximately 5km of buried or overhead electrical cables that will end at an electrical sub-station located within the Project area. The Project Description did not provide the location of the sub-station or configuration of the electrical network. It also did not provide any information on the environmental conditions/features at the project site or study area.

The project site is located on crown lands in the South Marysburgh Ward of Prince Edward County, Ontario, halfway between Point Petrie and Prince Edward Point. Turbines are proposed to be located up to approximately 100m from the Lake Ontario shoreline.

All of the advice provided in this letter is based upon our understanding of the project as described above. Should details of the project change in a significant manner (e.g., expansion of the study area, increase in the size and/or amount of turbines, etc.) the advice contained in this letter may no longer be valid. Please contact our department as soon as possible when significant changes to the project are planned so that we can confirm and/or adjust the advice contained in this letter. We caution that the project description should be finalized (including number of turbines, layout, materials, and related project infrastructure, etc.) prior to completion of the EA, and any related impacts should be assessed.

### **Environment Canada's Interests**

As mentioned earlier, regardless of the application of CEAA we have an interest in the project and wish to participate in the environmental assessment, including review of any proposed baseline monitoring and the draft environmental screening report when available.

Environment Canada supports the development of renewable energy sources such as wind farms and we recognize the environmental benefits they will help to achieve, over certain other forms of energy production, related to air quality and climate change aspects. Nonetheless, it is important that any energy or electricity production project be carried out in a manner that does not result in significant adverse environmental effects; thus, there is the need for proper consideration of such effects through the EA process. In this light, we offer the following comments and suggestions in consideration of potential adverse environmental effects on migratory birds, species at risk, water quality and biodiversity in the EA. As further information is made available for our review, we may provide additional comments and advice on these aspects, as well as on any other environmental considerations that become evident later in the EA process.

Environment Canada has a regulatory interest in migratory birds, species at risk and water quality as administrator of the *Migratory Birds Convention Act, 1994*, *Species at Risk Act*, *Canadian Environmental Protection Act, 1999* and subsection 36(3) of the *Fisheries Act*, respectively. Please refer to the attached Appendix, which provides further details of legislation and policies that should be consulted in context of our comments and recommendations.

Please note that our comments here do not limit or bind what requirements may be determined by the Province of Ontario and any federal responsible authorities under CEAA to meet their respective EA obligations, should this project be subject to either or both EA processes. The advice in this letter does not relieve Gilead Power Corporation from their responsibility for meeting the requirements of these and any other legislation that is applicable to the project. Information and comments should not be construed as a fettering of the federal government's ability to make decisions and/or enforce any applicable regulations.

### **Provincial Responsibilities**

Most raptors and bats in Ontario are given some degree of protection under the Province's *Fish and Wildlife Conservation Act*, which is administered by the Ontario Ministry of Natural Resources (MNR). MNR has expertise to offer regarding these species and may have pertinent information about species that are known to or are suspected to occupy areas near the project site. As a result, Environment Canada recommends that proponents should ensure that the staff at the local MNR office are consulted on these important species. The MNR has information on local natural heritage features, habitat, species at risk and other data that may be of use in preparing your EA. We understand that the MNR is involved in the review of this project since it is proposed for Crown Land. We would appreciate being copied on any correspondence you have with the MNR about this project.

## **Migratory Birds**

An important aspect of our review will be the project's potential impacts on migratory birds. We recommend the EA consider impacts on migratory birds and other bird species of concern (i.e., those bird species under provincial jurisdiction), including their habitats, and describe measures to mitigate any adverse environmental effects. Adverse environmental effects on migratory birds could occur through direct mortality or disturbance during construction (including during site access, site preparation and equipment staging) or during operation/maintenance of the facility (including through collisions with the turbines or avoidance of the project site for breeding), or through habitat loss or impairment. The EA should also consider the potential for such effects from associated project components, such as access roads and transmission lines, if applicable.

### Wind Turbines and Birds EA Guide and Recommended Protocols

Environment Canada understands that you are familiar with and have copies of the background information and guidance documents we have developed to assist in the characterization of a wind power site's risk with respect to potential adverse impacts on birds, and to provide assistance in conducting the EA, including an assessment of cumulative effects, and to any follow-up requirements. These Documents are:

*Wind Turbines and Birds: A Background Review for Environmental Assessment*, prepared for Environment Canada – Canadian Wildlife Service; April 2, 2007 - DRAFT.

*Wind Turbines and Birds: A Guidance Document for Environmental Assessment*, prepared by Environment Canada - Canadian Wildlife Service; February, 2007. (hereafter referred to as "the Guide")

*Recommended Protocols for Monitoring Impacts of Wind Turbines on Birds*, prepared by Environment Canada - Canadian Wildlife Service; February 19, 2007. (hereafter referred to as "the Recommended Protocols")

The first document listed above contains the results of an extensive literature review on wind turbine and bird interactions from around the world. The document provides the basis for and is intended to be used as a companion document to the Guide.

The second document noted above, the Guide, should be used as a pre-assessment tool to identify site and design features that should be considered when selecting turbine locations to minimize potential impacts or risk to birds. For example, the Guide and its supporting document can be used to alert developers to important siting considerations, lighting options and basic turbine characteristics that pose the least risk to birds. Early planning to avoid features that potentially lead to high risk can reduce the subsequent level of effort required in the EA. The Guide follows a matrix approach, based on site sensitivity and facility size, to rank the level of concern associated with the proposed project and then identifies baseline information and operational monitoring requirements according to four "level of concern" categories. We recommend the site sensitivity and level of concern be evaluated as per the Guide.

The third document referred to above recommends specific protocols to follow to gather baseline information on the birds that use and move through the area to be developed, and to provide follow-up information on the actual impact of the wind farm project on the birds of the area. The Recommended Protocols are based upon the level of concern associated with a particular site.

We strongly encourage use of the Guide and Recommended Protocols when designing studies to determine a project's potential impacts on migratory birds and for selecting appropriate facility siting, design and operation. However, these documents should not be regarded as exhaustive or restrictive. They should serve as the starting point for discussions with Environment Canada on each project and should be used in consultation with Environment Canada when considering site-specific concerns.

### Consultation with Environment Canada

Environment Canada administers the *Migratory Birds Convention Act, 1994* and enforces its regulations. It is therefore important that proponents of projects that have potential to interact with migratory birds, such as wind farms, consult Environment Canada as early as possible to determine the necessary level of effort for minimizing adverse impacts. Early consultation may also assist in avoiding project delays due to missed seasonal surveys, and may avoid unnecessary costs where lesser effort or alternative procedures are warranted. If after reviewing the above mentioned guidance documents and information sources it is determined that baseline studies are required, we encourage proponents to consult Environment Canada regarding the required level of baseline studies and their design prior to conducting any fieldwork.

We understand that you have consulted the aforementioned background, guidance, and protocol documents. Environment Canada strongly encourages ongoing consultation with our department when developing pre-construction avian surveys. We always recommend that planning for baseline studies should take place well in advance of the appropriate season and draft monitoring protocols should be submitted to Environment Canada and other review agencies with enough lead time to allow for proper review and modification as necessary. By consulting early and often with Environment Canada, as is recommended in the Guide, proponents can help to prevent future delays in project approvals and avoid unnecessary fieldwork.

### Other Information Sources

We recommend that the EA specifically consider impacts on breeding birds, using the most up to date data from the Ontario Breeding Bird Atlas (<http://www.birdsontario.org/atlas/atlasmain.html>). The EA should also take into particular consideration the proximity of the proposed development to any Important Bird Areas (<http://www.ibacanada.com>) and other areas of interest, such as Migratory Bird Sanctuaries, National Wildlife Areas, and any areas designated as sensitive or significant. We also recommend that the relevant local naturalist groups be consulted as another potentially important source of bird information for the project site.

### Specific Comments on EC Interests in the Project and the December 17, 2007 Project Description

There are numerous features associated with this site that indicate very high site sensitivity.

The entire study area is within the south shore of the Prince Edward Point Important Bird Area (IBA). Prince Edward Point is a concentration point of bird migrations over the Great Lakes. It is a major staging area in spring and autumn for migrating birds. Over 300 species of birds have been recorded at Prince Edward Point. The Prince Edward Point Bird Observatory is located about 8 km to the east of the study area; single-day counts of some species are exceptionally high e.g. 70,000 Dark-eyed Juncos. In fact, there is no other location on the Canadian side of Lake Ontario where densities and abundance of migrants are known to compare with those at Prince Edward Point. For example, due to extensive research of the Saw-whet Owl at Prince Edward Point, Prince Edward County has often been referred to as the "Saw-whet Owl capital of the world."

The project site is in the vicinity of the Prince Edward Point National Wildlife Area, which is owned by the federal government and managed by Environment Canada, and provides a critical place of rest for migrating and wintering wildlife and valuable grassland habitat.

This is one of the most important landfall sites in Ontario. Unique about this particular site is that birds are ascending and descending during migration, whereas normally they migrate over the landscape in a broad front above the typical height of wind turbines. Since birds on migration in this area can therefore be found at tower height, and are typically very tired and stressed when descending, they may be more at risk of collision with wind turbines.

Roughly one-half of the study area consists of open fields, which suggests it may be important to breeding grassland birds and wintering raptors. Cumulative impacts on these bird communities in the area should be considered (in relation to projects on Wolfe Island, in NY state, etc.). A provincially significant wetland is also partially located within the project boundaries.

A "Level of Concern" ranking was not provided for this project (which would be determined based on the matrix assessment of "site sensitivity" and "project size" provided in "Wind Turbines and Birds: A Guidance Document for Environmental Assessment" (Environment Canada 2007a)). However, based on the information we have on the site and project we suspect it will have a "Category 4" site sensitivity ranking (Table 3; p. 24). We request that the Guide be used to determine the site sensitivity and level of concern ranking for this project, and that this information be provided to Environment Canada along with an explanation of how the Guide and matrix were applied to arrive at the rankings. These rankings are integral to determining the pre and post construction survey effort that is required. The project is likely to be highly contentious given the presence of an Important Bird Area (IBA), the issue of nocturnal migrants including owls at an important stop-over point for birds crossing Lake Ontario, turbines located ~100 m from the shore, and habitat fragmentation (forest and grassland) effects, and it is consequently important to ensure that adequate baseline surveys are carried out to inform the environmental assessment.

Environment Canada generally recommends that the environmental assessment thoroughly assess potential impacts on natural heritage features, such as the Prince Edward Point Important Bird Area, Prince Edward Point National Wildlife Area, provincially significant wetland, and habitats on-site (forests, grassland, etc.), including impacts on birds and any species at risk (or of conservation concern e.g. BCR 13 priority species) using these features.

As mentioned earlier, the lack of site specific information in the Project Description prevents us from providing specific recommendations and detailed comments on the project at this time. Environment Canada requests the following background information in order to facilitate our review of the project description and identify our interests:

- 
- Level of Concern ranking (using *Wind Turbines and Birds: A guidance document for environmental assessment; Recommended protocols for monitoring impacts of wind turbines on birds*) along with an explanation of how the Guide and matrix were applied to arrive at the rankings.
  - The exact distance of the nearest turbines from the shoreline, and the effective setback distance (i.e. distance from the tower base to shoreline – blade radius; this information is important in light of the higher mortality that has been reported at turbines <200m from the shoreline at Port Burwell along the Lake Erie shoreline).
  - Map showing the location of the study area and project site in the context of (and showing distances to) the Important Bird Area, National Wildlife Area, Bird Observatory, provincially significant wetland, and any other natural heritage features of interest.
  - Map showing the location of the sub-station and configuration of the electrical network in relation to natural heritage features. The EA should include assessment of impacts of the sub-station and electrical network during construction and operation.
  - Detailed habitat descriptions, including:
    - Percent of the study area in forest, number of forest blocks, types of forest and maturity, size of forested areas, etc).
    - Percent of the study area that is open field, type of open field pasture, old field, hayfield, cultivated, etc.), and for any cultivated area the type of crop and size of area in production.
  - Information on the areas/habitats that were surveyed (i.e. was the entire study area surveyed, including wetlands?).

The following information is also required by Environment Canada, although we appreciate that it may not be available at this time. It should be incorporated into the EA report, however Environment Canada would appreciate this information in advance of the EA as it becomes available:

- 
- Full discussion of forest fragmentation issues as they pertain to bird conservation (four of the turbines are squarely within the forest and two are either in the forest or right along the edge).
  - Full discussion of grassland fragmentation issues.
  - Discussion of all species at risk (SAR) that occur in the study area, or for which there are historical records, reported incidences (i.e. MNR database, etc.), ranges that overlap with the study area, etc.
  - Discussion of Bird Conservation Region (BCR) 13 priority species that are on-site.
  - Discussion of the importance of nocturnal migrant species and their potential for collision with turbines.
  - Discussion of importance of the site for fall raptor migration.
  - Discussion of waterfowl movement in the study area.
  - Data from existing radar studies (i.e. data from the Prince Edward Point Bird Observatory collected by R. Milliken)
  - Discussion of the importance of the area to Saw-whet Owls, large numbers of which move through the area each fall.
  - Thorough discussion of whether the project is anticipated to affect the function and significance of the Prince Edward Point IBA and/or the Prince Edward Point National Wildlife Area.
  - Results of all baseline bird monitoring, listing species observed and their individual abundance, etc. (wintering birds, waterfowl movements, nocturnal migrants, fall diurnal migrants, etc., including a list and estimated abundance of species detected on area searches (not including the point counts).
  - Information on breeding bird communities in all habitat types that occur within the study area (whatever is known at this point based on background data collection and surveys).

#### Specific Comments on Migration and Breeding Bird Survey Protocol

We have generally found that the 2006 Migration and Breeding Bird Survey Protocols appear to be inconsistent with many of the recommendations within Environment Canada's *Recommended protocols for monitoring impacts of wind turbines on birds* (Recommended Protocols), a draft copy of which was available in early 2006 and would have been provided by Environment Canada for reference prior to initiation of 2006 surveys. For instance, daytime point counts were used to survey spring and fall migration for migrants, however they provide imprecise information on the actual number of migrants) passing over the site (e.g. raptor flights should be measured in counts that span multiple hours) and no information on the height at which the birds are flying.

The 2006 Migration and Breeding Bird Survey Protocol document received on February 8, 2007 includes incomplete information on the survey methods used. Environment Canada requests the following additional information on the protocols employed in 2006 to allow us to comment on the adequacy of the survey methods used:

- 
- Point counts:
    - Dates of the point count searches completed during the two site visits in June 2006.
    - The number of waypoints/stations and rationale for selecting this number. Also, the distance between the waypoints/stations and a site map showing the placement of the stations (the information provided indicates only that they were distributed throughout the site).

- Number of survey stations that were established and the rationale for doing so, number of times each station was visited, length of point count surveys, and the number of stations established in each of the major habitat types in the study area (including wetlands).
- Rationale for conducting three minute observation periods (the Monitoring Protocols recommend 10-min point counts).
- Exact end time of point counts (when is "mid-morning"?).
- Area Searches:
  - Dates of the point count and areas searches completed during the two site visits in June 2006.
  - Additional information on area search protocols, including time spent in each habitat type.
- Three breeding bird surveys were conducted in June "from dawn to dusk." It should be noted that the optimum time for breeding bird surveys in most habitats is from sunrise to ~9 a.m. Surveys conducted later in the morning and during the afternoon would miss a number of birds that were present but not singing.
- Fall migration:
  - Number of surveys (and dates) conducted to obtain information on fall migration of diurnal migrants (raptors) between the beginning of September and the end of November, and survey periods. Please note that Environment Canada typically recommends a minimum daily survey period of 3 hours from 9 am to noon over a minimum of 10 visits (i.e. 30 hours of observation).
  - Specific information on methods used to survey/obtain information on migration of Saw-whet Owls at the site.
- Waterfowl:
  - Types of surveys (including times and dates) used to assess waterfowl movement over the study area.
  - Information on the use of taped playbacks during bird surveys (e.g. used for secretive marsh species such as rails, Henslow's Sparrow, or Loggerhead Shrike)
  - Additional details on survey protocols for Henslow's Sparrow and Loggerhead Shrike (i.e. dates, habitats visited, methods, etc.).

Specific Comments on January 28, 2008 draft Winter Bird Survey Protocol (reprinted from Feb. 15, 2008 email):

It is unclear if the study area is an important wintering locale for raptors, as we have not yet received a habitat description for the non-forested land in the study area). It is important to know if this area contains suitable habitat for Short-eared Owl, Snowy Owl, Rough-legged Hawk, Red-tailed Hawk, Northern Harrier, and other raptors). Late afternoon surveys are required to document the presence of Short-eared Owl, which often are most active just around dusk. Three winter visits should be adequate to document the presence of wintering raptors, provided, the open area is surveyed on each of the three visits, and each of these surveys extend into the evening period when Short-eared Owls are most active. If Short-eared Owls are present during the winter, special surveys should be recommended in April and May to determine breeding status of the species (EC should be consulted for survey protocols).

Surveys should be conducted under suitable weather conditions: good visibility, relatively light wind, and relatively warm. Weather conditions and the route taken should be recorded for each visit.

Special efforts should be made to cover the off-road open areas where turbine locations have been proposed. The study area is not particularly large and accessing off-road areas should not be too difficult. Simply surveying along access roads would provide incomplete coverage of the site. If need be, snowshoes could be used to ensure complete coverage of the open areas.

Forest birds are less likely to be an important issue in winter than open country birds but we still would like to know which birds are present. The forest habitat could be surveyed on the same day as the open field surveys.

- ❖ Although we are providing some advice regarding raptors, we wish to note that the protection and management of these species off federal lands are not under federal jurisdiction. Most raptors in Ontario are protected under the Province's *Fish and Wildlife Conservation Act*, and the Province is the regulatory and advisory authority on these important species and should be consulted regarding survey methods. The MNR may also have additional requirements, particularly since the project is on crown land.

### Species at Risk

The EA should consider adverse effects on species of local, regional, provincial or federal concern, including wildlife species listed under the federal *Species at Risk Act* (SARA). At this point Environment Canada is aware that potential impacts on Henslow's Sparrow, Loggerhead Shrike, and Short-eared Owl may be of particular interest; however background data collection may yield additional species of interest, for instance in the provincially significant wetland partially located within the project boundaries (i.e. King Rail, Least Bittern).

The nature of species at risk may make them particularly sensitive to development projects including wind power projects. Existing background information should be collected to determine whether any species of concern are known or expected to use the site or adjacent lands if they are within the zone of influence of the project. It would be useful to consult the Natural Heritage Information Centre database maintained by the Ontario Ministry of Natural Resources in Peterborough (<http://nhic.mnr.gov.on.ca/MNR/nhic/data.cfm>). Environment Canada's species at risk search tool (<http://www.speciesatrisk.gc.ca>) will also assist in determining whether the ranges of any SARA Schedule 1 listed species at risk overlap with the site.<sup>1</sup> Should any occurrences or ranges of species at risk overlap with the study area, information on the habitat requirements of the species should be consulted and compared to habitat descriptions for the study area.

If there is potential for species at risk to occur at a project site (i.e. previous known occurrence, species range overlap and/or known habitat preference exists), information on the habitat preference of the species should be compared with information on the habitats at the project site to determine if the area could support that species. A qualified biologist should conduct a thorough biological inventory of all areas of natural habitat that may be affected by the project and have the potential to support species at risk. A strategy should then be developed to protect any identified species at risk, with a primary focus on avoidance. Environment Canada would be interested in reviewing and commenting on the methods used to conduct the biological inventory as well as any measures that are devised to protect and identify species at risk.

In addition to the resources above that can be consulted regarding the possible locations of SAR, Environment Canada has also produced a guide that can be used as a general reference for dealing with SAR in EA. The "Environmental Assessment Best Practice Guide for Wildlife at Risk in Canada" (February 2004) is available via the Internet on the Environment Canada website at <http://www.cws-scf.ec.gc.ca/publications/AbstractTemplate.cfm?lang=e&id=1059>. The aforementioned guide is primarily targeted to project proponents and those individuals who are preparing EAs. It outlines the general

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<sup>1</sup> We caution that distribution data contained in these databases do not represent an exhaustive and comprehensive inventory of a species' current distribution. Only field inventories can determine with reasonable certainty the presence of species at risk within an area when precise knowledge of the presence / absence of species at risk is required for environmental assessment or for legal purposes (e.g. compliance with the *Species at Risk Act*).

responsibilities of proponents and EA practitioners for considering wildlife at risk in an EA and promotes more thorough, efficient and consistent gathering and assessment of information regarding wildlife at risk.

### **Biodiversity**

The *Canadian Biodiversity Strategy* was developed by the government of Canada in response to the United Nations Convention on Biological Diversity, which was signed on to by Canada and more than 160 other countries in 1992. According to the *Strategy*, federal, provincial and territorial governments are to implement a number of goals, including the conservation of biodiversity. We suggest that the screening should:

- Give full consideration to potential impacts of the wind facility on woodlots, wetlands and other sensitive habitats due to alteration, loss or fragmentation;
- Include potential adverse effects on biodiversity, such as the potential for the establishment of exotic invasive plant species and possible effects on genetic and species diversity; and
- Describe any ecological restoration efforts, with particular attention to important habitat areas.

In addition to migratory birds, the EA should consider potential impacts on other wildlife that are particularly sensitive to wind turbine operations, such as raptors and bats. As stated earlier, the MNR has information on local heritage features, habitat, species at risk and other data that may be of use in preparing the EA.

### **Water Quality**

The EA should include a consideration of any potential impacts on water quality resulting from the project. Construction, operation or maintenance works over or near watercourses, wetlands or other water bodies (such as watercourse crossings and site grubbing) may impact water quality if there is the potential for the release of deleterious substances (including sediment) into receiving waters. A sediment and erosion control plan should be developed to mitigate potential effects on water quality, and appropriate measures should be adopted to minimize any impacts of accidental spills during construction, operation and maintenance.

Environment Canada's foregoing comments are intended to provide expert support to project proponents and decision-makers, in accordance with its program related responsibilities and associated guidelines and policies. These comments are in no way to be interpreted as any type of acknowledgement, compliance, permission, approval, authorization, or release of liability related to any requirements to comply with federal or provincial statutes and regulations. Responsibility for achieving regulatory compliance and cost effective risk and liability reduction lies solely with the project proponent.

I trust that these comments and recommendations will assist you in conducting pre-construction bird surveys and preparing the environmental assessment for the proposed Ostrander Point Wind Energy Project. I would appreciate a response to the questions and comments in raised in our letter, and the opportunity to review the requested information (including results of baseline monitoring) as well as the draft EA report when available.

Future correspondence or information on this project can be sent to me at the address listed above. If you wish to discuss any matters related to this response, please contact me at (905) 336-4951 or by email at [Denise.Fell@ec.gc.ca](mailto:Denise.Fell@ec.gc.ca)

Sincerely,

A handwritten signature in cursive script that reads "Denise Fell".

Denise Fell  
Environmental Assessment Officer

cc: S. Allan / J. Fischer, EC  
L. Knowles, NRCan  
J. Chan, CEA Agency  
B. Sears / T. Norris, MNR  
M. Lord, Gilead Power Corporation

# APPENDIX

## Regulatory and Policy Context for Environment Canada's Comments and Advice

Environment Canada's mandate to protect the environment and to actively promote sustainable development extends beyond the Department's legislated responsibilities for undertakings that trigger the *Canadian Environmental Assessment Act*. Our review and comments are related, but not limited, to our areas of interest and expertise arising from the following legislation, policies and agreements. More information is available on-line, as indicated.

### ***Department of Environment Act***

<http://laws.justice.gc.ca/en/E-10/text.html>

The *Department of Environment Act* provides Environment Canada (EC) with general responsibility for environmental management and protection. Its obligations extend to and include all matters over which Parliament has jurisdiction, and have not by law been assigned to any other department, board, or agency of the Government of Canada as related to: preservation and enhancement of the quality of the natural environment (e.g. water, air, soil), renewable resources including migratory birds and other non-domestic flora and fauna, water, meteorology, and coordination of policy and programs respecting preservation and enhancement of the quality of the natural environment.

The *Department of Environment Act* states that EC has a mandated responsibility to advise heads of federal departments, boards and agencies on matters pertaining to the preservation and enhancement of the quality of the natural environment. This responsibility is reinforced as per subsection 12(3) of CEAA, which states that federal departments must provide specialist and expert information or knowledge to other federal departments or review panels.

### ***Canadian Environmental Protection Act, 1999***

[http://www.ec.gc.ca/CEPARRegistry/subs\\_list/](http://www.ec.gc.ca/CEPARRegistry/subs_list/)

<http://www.ec.gc.ca/CEPARRegistry/policies/>

The Canadian Environmental Protection Act, 1999 (CEPA) contributes to sustainable development through pollution prevention and protects the environment, human life and health from the risks associated with toxic substances. Key parts of CEPA include:

- public participation;
- information gathering, objectives, guidelines and codes of practice;
- pollution prevention;
- controlling toxic substances;
- animate products of biotechnology;
- controlling pollution and managing wastes including nutrients, protection of the marine environment, disposal at sea, fuels, vehicle engine and equipment emissions, international air pollution and international water pollution, and hazardous and non-hazardous waste;
- environmental matters related to emergencies including requirements for environmental emergency plans;
- government operations - federal and aboriginal lands including regulations to close any regulatory gap between federal and provincial requirements; and,
- enforcement.

*The Canadian Environmental Protection Act, 1999* enables the government to manage a toxic substance throughout its life cycle. Provisions under CEPA require Environment Canada, under certain conditions, to develop a "regulation or preventive or control instrument" for a substance that is found to be "toxic" under the Act. CEPA further requires the virtual elimination of anthropogenic releases to the environment of substances that are declared toxic and that are bioaccumulative and persistent. CEPA also establishes the requirements for the assessment of chemicals, polymers and products of biotechnology, prior to import or manufacture of substances not on the Domestic Substances List.

## **Fisheries Act**

[http://www.ec.gc.ca/ele-ale/policies/c\\_and\\_e\\_fisheries\\_act/main\\_e.asp](http://www.ec.gc.ca/ele-ale/policies/c_and_e_fisheries_act/main_e.asp).

Environment Canada's mandate to advocate for the protection of water quality stems from the pollution prevention provisions of the *Fisheries Act*, which are administered by EC. Please be advised that the Compliance and Enforcement Policy for the Habitat Protection and Pollution Prevention Provisions of the *Fisheries Act* states that compliance with the federal *Fisheries Act* is mandatory. Subsection 36(3) of the *Fisheries Act* specifies that, unless authorized by federal regulation, no person shall deposit or permit the deposit of deleterious substances of any type in water frequented by fish, or in any place under any conditions where the deleterious substance, or any other deleterious substance that results from the deposit of the deleterious substance, may enter any such water. Proponents should note that only a federal regulation under the *Fisheries Act* or another Act of Parliament can authorize a discharge of a deleterious substance; no federal permit, provincial, territorial or municipal regulatory permit or approval allows for exemption from the *Fisheries Act*.

In the application of the *Fisheries Act*, court cases have accepted that a discharge or effluent that is acutely lethal to fish is deleterious. In other words, results of tests designed to determine whether fish will die in an effluent or discharge within a specified time period will determine one aspect of deleteriousness. However, any substance with a potentially harmful chemical, physical or biological effect on fish or fish habitat is also deleterious. For example, substances (such as sediment) that smother nesting areas or spawning grounds, or interfere with reproduction, feeding or respiration of fish at any point in their life cycle are also considered deleterious. In general, any substance with a potentially harmful chemical, physical or biological effect on fish or fish habitat may be considered deleterious.

The act of depositing a deleterious substance should be considered a violation of the *Fisheries Act*, regardless of whether the water itself is made deleterious by the deposit. Subsection 36(3) of the *Fisheries Act* makes no allowance for a mixing or dilution zone. Any measurements or tests to determine whether something is deleterious should be done where the substance is at its highest concentration, typically at the point of discharge to the receiving water.

## **Migratory Birds Convention Act, 1994**

[http://www.cws-scf.ec.gc.ca/legislations/laws1\\_e.cfm](http://www.cws-scf.ec.gc.ca/legislations/laws1_e.cfm)

The disturbance, destruction or taking of a nest, egg, nest shelter, eider duck shelter or duck box of a migratory bird are prohibited under section 6 of the *Migratory Bird Regulations* (MBRs), under the authority of the *Migratory Birds Convention Act, 1994* (MBCA)\*. "Incidental take" is the killing or harming of migratory birds due to actions, such as economic development, which are not primarily focused on taking migratory birds. No permit can be issued for the incidental take of migratory birds or their nests as a result of economic activities.

Under section 5.1 of the MBCA, no person shall deposit or permit to be deposited oil, oil wastes or any other substance harmful to migratory birds in any waters or any area frequented by migratory birds.

- \* Please note that amendments to the MBCA in Bill C-15 came into force on June 28, 2005. This pollution prohibition was previously contained in s.35(1) of the *Migratory Bird Regulations*, which has now been repealed and is included as s.5.1 of the amended MBCA, 1994.

### **Species at Risk Act**

[http://www.speciesatrisk.gc.ca/default\\_e.cfm](http://www.speciesatrisk.gc.ca/default_e.cfm)

The *Species at Risk Act* (SARA) has resulted in a consequential amendment to CEAA that amends the definition of "environmental effect" to clarify that all federal EAs must always consider adverse effects on listed wildlife species, and the critical habitat or residences of individuals of that species. In addition, section 79(2) of SARA requires that when a federal EA is carried out on a project that may affect a listed species or its critical habitat, adverse environmental effects must be identified, mitigation measures must be taken to avoid or lessen adverse effects, and environmental effects monitoring must be conducted.

SARA was proclaimed on June 5, 2003 and is intended to provide protection for individuals of wildlife species at risk listed under Schedule 1 of the Act, their residences (dwelling places, such as a den or nest or other similar area that is occupied or habitually occupied by one or more individual during part or all of its life cycle) and critical habitat (that part of areas used or formerly used by the species to carry out their life processes that is deemed essential for survival or recovery). Critical habitat will be identified for each listed species in Recovery Strategies or Action Plans. The prohibitions under SARA came into force on June 1, 2004 and apply to listed (Schedule I) endangered and threatened species for all federally protected aquatic species and migratory birds (including their residences) found anywhere, as well as to all endangered and threatened species, when found on federal lands.

Pursuant to Section 79(1) of SARA, if any listed wildlife species, its critical habitat or the residences of individuals of that species may be adversely impacted by the project, the Responsible Authorities for the CEAA assessment (if CEAA is triggered) must notify the competent Minister responsible for the listed species in writing. Fisheries and Ocean Canada is responsible for aquatic species at risk and can provide advice regarding potential impacts on these species covered under the *Fisheries Act*. Notifications in relation to listed terrestrial species are to be sent to EC, and for this project may be sent to my attention.

One of the purposes of SARA is to to manage species of special concern to prevent them from becoming endangered or threatened. In this context, we also recommend that all federal EAs consider potential impacts on any species listed by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC). [http://www.cosewic.gc.ca/eng/sct5/index\\_e.cfm](http://www.cosewic.gc.ca/eng/sct5/index_e.cfm)

### **Other legislation, agreements and federal policies respecting environmental matters**

The above list is not exhaustive; EC may have other interests in this project not identified at this time based on our review of additional information provided at a later date. For further information on EC's mandated interests, please refer to <http://www.ec.gc.ca/EnviroRegs>.



**Stantec**

**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

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May 7, 2008  
File: 160960369

Environmental Assessment Unit  
Environment Canada  
P.O. Box 5050, 867 Lakeshore Road  
Burlington, ON L7R 4A6

**Attention: Denise Fell, Environmental Assessment Officer**

Dear Ms. Fell:

**Reference: Ostrander Point Wind Energy Park  
Proposed 2008 Bird Work Program**

Gilead Power Corporation is proposing the development of the Ostrander Point Wind Energy Park in Prince Edward County, Ontario. This letter outlines our proposed work program for 2008 baseline bird studies at the site. The work program has been developed based on our review and understanding of available background information, an assessment of sensitivity based on Environment Canada's "Wind Turbines and Birds: A Guidance Document for Environmental Assessment" (2007), a review of the guidelines provided in Environment Canada's "Recommended Protocols for Monitoring Impacts of Wind Turbines on Birds" (2007), the results of field surveys conducted by Jacques Whitford Ltd. in 2006 and 2008, and our conference call with representatives of Environment Canada, the Ontario Ministry of Natural Resources, and Gilead Power on March 20, 2008. We have also reviewed comments regarding Jacques Whitford Ltd.'s bird survey protocols provided by Environment Canada (dated March 4 and March 17, 2008) and by the Ministry of Natural Resources (dated February 25, 2008).

The proposed project involves the construction and operation of up to 12 wind turbines with a capacity of approximately 20 MW. Two of the 12 turbines are presently proposed within 100 m of the Lake Ontario shoreline (60 m from blade tip), whereas the others are more than 240 m from the shoreline (200 m from blade tip).

## **BACKGROUND**

### **Habitat**

Figure 1 (Attachment A) shows an aerial view of the project site. Although detailed habitat mapping according to the Ecological Land Classification (ELC) system for southern Ontario is proposed as part of the 2008 field studies, preliminary site reconnaissance visits indicate that the habitat on the site is quite homogenous, with most of the area characterized by low tree cover and minimal soil cover. The vegetation communities are not woodland, and will likely be typed as alvars, characterized by a tree cover of 15-20% of eastern red cedar (*Juniperus virginiana*) in both small

**Reference: Ostrander Point Wind Energy Park  
Proposed 2008 Bird Work Program**

tree and shrub forms (to be confirmed through field work). These areas are seasonally flooded, but due to the very shallow or absent soils, they dry out very quickly.

Lower areas, for example along the lakeshore and in the western corner of the subject lands, support some sparse, early successional deciduous trees. A treed swamp along with some marsh is present along the eastern site boundary. It is estimated that these treed areas occupy 10% or less of the site. Attachment B contains photographs of the site's dominant and other habitats.

**Site Sensitivity**

The Ostrander Point site has a very high site sensitivity, due to its location within the Prince Edward Point Important Bird Area (IBA), proximity to the Prince Edward Point Bird Observatory and National Wildlife Area, and proximity to the Lake Ontario shoreline (Figure 2, Attachment A). There is the potential to fragment a large shrubland. The Prince Edward Point IBA was designated as a result of the presence of globally significant concentrations of migratory landbirds and staging and wintering waterfowl.

All sites with very high site sensitivity area ranked as Category 4 projects, regardless of the size of the proposed facility. Projects in this category present a relatively high potential risk to birds, and consequently require the highest level of bird-related effort for the environmental assessment (Environment Canada, 2007).

Specific bird issues of concern to Environment Canada, identified in March 4 and March 17, 2008 correspondence, include the following:

- Function of Prince Edward Point as an important landfall site for migratory landbirds
- Potential presence of wintering raptors and grassland birds
- Potential presence of Species at Risk and Bird Conservation Region (BCR) 13 priority species
- Importance of the site for migratory Saw-whet Owls, fall raptor migration, migratory waterfowl movement

**PROPOSED BIRD WORK PROGRAM**

**Prior Studies**

The following studies were conducted by Jacques Whitford Ltd in 2006 and 2008:

*Migration monitoring studies.* Migration studies were comprised of early morning, ten-minute point counts at 10 points located on the site. Point counts were conducted on March 12, 26, April 14, 27, May 4, 11, 18, 22, 29, August 21, September 5, 12, and 19, 2006. Point counts were conducted at six of these locations plus three off-site locations on October 5, 12, 19, 26, November 2, 9, 17 and

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24, 2006. A two-hour mid-day stationary survey was conducted at the centre of the site on the August-November survey dates.

*Breeding bird surveys.* Early morning, three-minute breeding bird point count surveys were conducted at 10 points located on the site on June 8 and 24, 2006. Point count surveys were supplemented by area searches on these dates, covering all habitats, and nocturnal surveys on May 29, June 8 and June 24, 2006.

*Winter bird surveys.* Road-based transects were walked by field observers on three visits in February and March, 2008.

**Proposed Studies**

We propose the following studies to supplement prior studies and provide information to fully address Environment Canada's bird issues of concern:

- Radar studies during spring and fall bird migration (conducted by Acadia University, in cooperation with Environment Canada)
- Ground-based spring waterfowl surveys (conducted by Stantec Consulting Ltd.)
- American Woodcock and Common Snipe surveys (conducted by Stantec Consulting Ltd.)
- Breeding bird surveys (conducted by Stantec Consulting Ltd.)

*Radar studies* are intended to address all concerns with migratory birds, including spring and fall passerines, Saw-whet Owls, fall raptors, and fall waterfowl movement. It is our understanding that the radar unit was installed and operational on the site on April 30, 2008, at a centrally-located point. The radar unit will run from dusk until dawn from April 30 to early June and from early August to early November. The radar will also run through the day during the peak fall raptor migration period. A control location at the Prince Edward Point Bird Observatory will also be operational during the period.

During the same time periods that the radars are operating, Acadia's research project will also involve on-the-ground observations of bird activities and movements to understand use of the site by migrants. The ground survey will include surveys required to refine the radar data and, in the spring, consists of a single observer walking an approximately 2 km standardized route every morning. The loop route starts near the centrally-located radar unit and proceeds south to the shore, then west and parallel to the shore, north on Petticoat Point Road, then back to the starting point along the track that runs about half way between Helmer Road and the shore. All birds seen or heard along the route are tallied.

*Spring waterfowl movement surveys* were conducted by Stantec in April and May, 2008. Staging waterfowl fly inland to forage at dawn, and fly back to the staging areas in the lake at dusk. Proposed waterfowl movement survey protocols were based on those conducted and approved by Environment Canada at the Wolfe Island site, and were comprised of two surveyors located at

May 7, 2008

Denise Fell, Environmental Assessment Officer

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**Reference: Ostrander Point Wind Energy Park  
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stationary points at dawn and dusk. Surveyors noted the number, height, flight direction, and species (where possible) of waterfowl moving inland, offshore, or along shore during daily peak movement periods. Subsequent foraging surveys consist of one driver and one observer driving all the roads in the study area at slow speeds, taking note of the location, number, and species of inland-foraging waterfowl, along with the land use.

Six weekly foraging and staging surveys were conducted between the beginning of April and early May. Although the Prince Edward shoreline is equally, if not more, important to fall staging waterfowl, the radar studies are intended to track waterfowl movement in the fall.

Four weekly *American Woodcock and Common Snipe surveys* were conducted weekly for four weeks in late April and early May. The protocols were based on the US Fish and Wildlife Service's North American Woodcock Singing Ground Survey (as endorsed by the Ontario Ministry of Natural Resources). The survey consisted of 16 roadside-based, two-minute point count surveys spaced 400-500 m apart, and conducted between 20 and 80 minutes after sunset.

*Breeding bird surveys* are proposed for June, 2008. Sixteen to twenty point counts (depending on spacing) for breeding birds are recommended. Point counts will be ten minutes in duration, and bird observations will be recorded at four distance regimes, within a 50 m radius, 50 to 100 m, outside the 100 m radius, or flyovers. As well, the heights of birds within the 100 m radius will be recorded. Point counts will be conducted between one half hour before dawn and 10:00, and will be conducted twice in the month of June, at least ten days apart.

Point counts will be supplemented by tape playback surveys for Henslow's Sparrow and wetland birds. Henslow's Sparrow surveys will be conducted twice during June, at least 10 days apart, and will take place under appropriately calm and quiet conditions, between dusk and midnight. Surveys will be comprised of broadcasting a five-minute recording of calls interspersed with listening periods, at stations no more than 400 m apart, in suitable habitat.

Tape playback surveys will be used to aid in detection of more secretive marsh bird species, specifically Virginia Rail, Sora, Least Bittern and King Rail, and will be conducted in accordance with Bird Studies Canada's Marsh Monitoring Program ("MMP") protocols. Following marsh-based point counts, the playback surveys will involve broadcasting the MMP taped breeding call of each species listed above, to induce a vocal or approach response. The call of each species will be repeated for a duration of approximately one minute, followed by a one minute pause to listen for a response. The response of marsh birds will be recorded at an unlimited radius.

Additional *wintering raptor surveys* are not proposed. The site is not known to support wintering raptors. The site does not contain hayfields, pastures or croplands that typically would support small rodent populations upon which wintering raptors rely (Ontario Ministry of Natural Resources, 2000). Voles and mice are not well-suited to the shallow or absent soils and seasonal inundation. As well, there are no relatively mature mixed or dense coniferous woodlands on site that are preferred for roosting (Ontario Ministry of Natural Resources, 2000).

May 7, 2008

Denise Fell, Environmental Assessment Officer

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**Reference: Ostrander Point Wind Energy Park  
Proposed 2008 Bird Work Program**

We would welcome EC's review and comments regarding this proposed work plan, ideally prior to the start of the breeding bird season in early June. We are available to discuss the information presented in this letter in more detail at EC's convenience. Please contact me with any questions or to discuss any items that require further explanation.

Sincerely,

**STANTEC CONSULTING LTD.**



Valerie Wyatt, M.Sc.  
Senior Project Manager  
Tel: (519) 836-6050  
Fax: (519) 836-2493  
valerie.wyatt@stantec.com

c. Katie Griffiths, Ministry of Natural Resources  
Marnie Oliver, Gilead Power Corporation  
Rob Nadolny, Stantec Consulting Ltd.

Attachments: Attachment A: Figures  
Attachment B: Habitat Photographs

**Reference:**

Ontario Ministry of Natural Resources. 2000. Significant Wildlife Habitat Technical Guide. Fish and Wildlife Branch, Wildlife Section, Science Development and Transfer Branch, Southcentral Sciences Section. 151 pp.



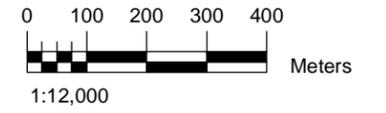
# **Attachment A**

## **Figures**





Stantec



- Study Area
- Property Line
- Road



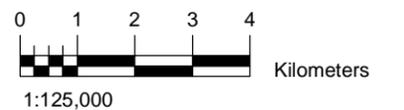
PREPARED FOR:  
GILEAD POWER  
OSTRANDER POINT WIND PROJECT

**FIGURE NO. 1.0**

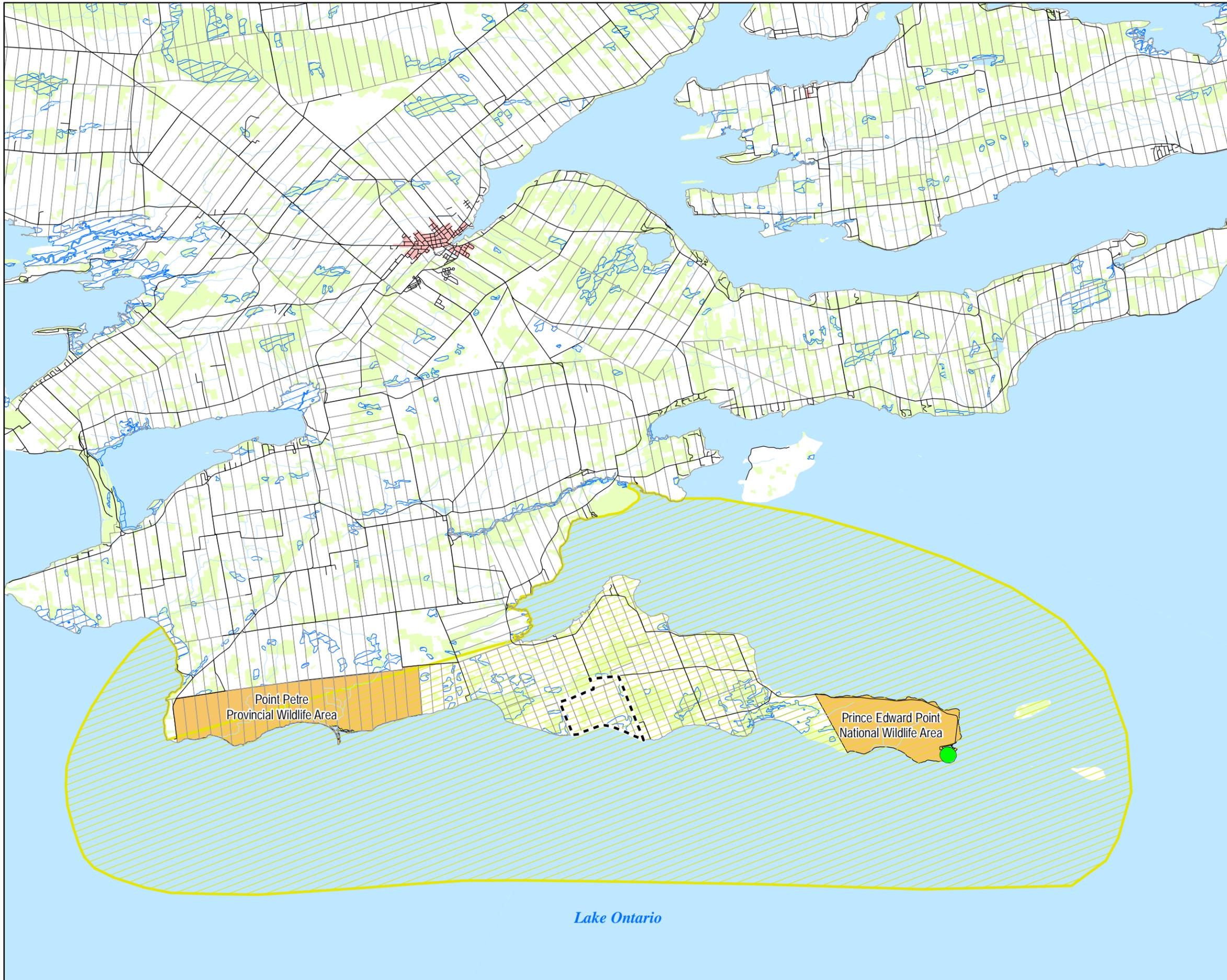
## STUDY AREA

Initiated: April, 2008  
Revised:





- Study Area
- Road
- Property Line
- Built Up Areas
- Wetlands
- Vegetation
- Important Bird Area (Approximate)
- Prince Edward Point Bird Observatory



PREPARED FOR:  
 GILEAD POWER  
 OSTRANDER POINT WIND PROJECT

**FIGURE NO. 2.0**

**REGIONAL CONTEXT**

Initiated: April, 2008  
 Revised:

File: W:\active\60960369\graphics\GIS\MXD\60960369\_06.mxd

Lake Ontario



**Attachment B**  
**Habitat Photographs**





Photo 1 (above) and 2 (below): Dominant habitat type.  
Acadia radar unit is shown at centrally-located site





Photo 3 (above): Seasonal inundation in low areas with denser vegetation  
Photo 4 (below): Wooded fringe near Lake Ontario shoreline





Environmental Protection Operations Division -Ontario  
Environmental Assessment Unit  
Environment Canada  
P.O. Box 5050, 867 Lakeshore Rd.  
Burlington, Ontario L7R 4A6

File No.: 2007-096

March 17, 2008

Marnie Dawson  
Project Manager  
Jacques Whitford Ltd.  
7271 Warden Ave  
Markham, ON L3R 5X5

Dear Ms. Dawson,

**Re: Additional comments from Environment Canada regarding baseline monitoring protocols for Gilead Power Corporation's Ostrander Point Wind Energy Park**

On March 4, 2008, Environment Canada (EC) provided information on our interests in the Ostrander Point Wind Energy Park and questions and comments regarding the baseline monitoring that was conducted in 2006. We generally find that the 2006 Migration and Breeding Bird Survey Protocols include incomplete information on the survey methods used and appear to be inconsistent with many of the recommendations within Environment Canada's *Recommended protocols for monitoring impacts of wind turbines on birds (2007)*.

Although we have not yet received a response to our March 4 letter, we have decided that, given the closeness to the start of the spring monitoring season, it is prudent to provide additional advice at this time regarding the need for additional baseline monitoring.

As indicated previously, Prince Edward Point is a concentration point in spring and autumn for migrating birds. Over 300 species of birds have been recorded at Prince Edward Point; the Prince Edward Point Bird Observatory is located about 8 km to the east of the study area; single-day counts of some species are exceptionally high e.g. 70,000 Dark-eyed Juncos. In fact, there is no other location on the Canadian side of Lake Ontario where densities and abundance of migrants are known to compare with those at Prince Edward Point. For example, due to extensive research of the Saw-whet Owl at Prince Edward Point, Prince Edward County has often been referred to as the "Saw-whet Owl capital of the world".

Collision risk is particularly important when considering any proposals to install wind turbines in areas near bird migration "hotspots" where birds are known to concentrate, because there is a general professional perception that these could be high risk areas. Within Ontario, these include areas such as Point Pelee National Park and the adjacent shoreline within Essex county; the vicinity of Long Point on Lake Erie; and along Prince Edward County peninsula shoreline in Lake Ontario.

Based on the above information and concerns EC is recommending that radar studies be conducted during the spring and fall bird migration periods at the proposed Ostrander Point Wind Energy Park. Six weeks of daily radar work should be conducted in spring, beginning in mid-April, and 8 weeks of daily radar work be conducted in summer/fall, beginning in early September, and continuing to the end of October when Saw-whet Owl migration has ended.

Gilead Power has the option of organizing their own radar studies, ensuring that the radar equipment has the capacity to determine densities, flight directions and flight heights of migrating birds, and that the study includes control sites to allow for comparisons. Detailed analysis and discussion of the radar data would be required. Alternatively, Gilead Power may wish to participate cooperatively in a new integrated research project lead by Acadian University, Bird Studies Canada and Environment Canada that will provide a detailed, quantitative analysis of bird migration patterns in relation to wind turbine developments in southern Ontario,



combined with an independent analysis of mortality risks. This cost-sharing approach would also alleviate some of the burden of planning and implementing post-construction monitoring related to migrant birds and bats, including carcass searches, which would be undertaken by the project team as part of the research project.

Please note that a proponent's commitment to conduct these radar studies, whether independently or cooperatively, would not in any way provide assurance of any regulatory or EA associated approvals required for a project.

EC would like to hold a face-to-face meeting in Burlington with Gilead Power during the week of March 17 (perhaps the afternoon of Tuesday, March 18 or any time on Wednesday March 19) to discuss our recommendations regarding spring and fall radar surveys, including logistics and challenges, and the potential for collaboration. A conference line can be set up for those who wish to call in. Please contact me at (905) 336-4951 or by email at [Denise.Fell@ec.gc.ca](mailto:Denise.Fell@ec.gc.ca) regarding your interest in and availability for such a meeting.

Sincerely,

A handwritten signature in cursive script that reads "Denise Fell".

Denise Fell  
Environmental Assessment Officer

cc: S. Allan / J. Fischer / L. Friesen / C. Francis, EC  
L. Knox / D. Bell, CEA Agency  
B. Sears / T. Norris, MNR  
M. Lord, Gilead Power Corporation

---

**From:** Yao,Lillian [Ontario] [Lillian.Yao@ec.gc.ca] on behalf of Weather Radars Contact,National Radar Program [Ontario] [weatherradars@ec.gc.ca]  
**Sent:** Wednesday, May 21, 2008 4:22 PM  
**To:** Ostrander Point Wind Energy Park  
**Cc:** Weather Radars Contact,National Radar Program [Ontario]  
**Subject:** RE: Notice of Modification - Ostrander Point Wind Energy Park  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** RABC Guideline - Technical Information on The Assessment of the Potential Impact of Wind Turbines.pdf

Thank you for contacting the Meteorological Service of Canada regarding your wind energy intentions.

From the information you have provided, we see that your project is more than 80 km away from the nearest meteorological radar. As a consequence, we have no concerns regarding interference.

For your future reference, we have included information that you may find helpful in your future projects.

If any further information is required, please contact [weatherradars@ec.gc.ca](mailto:weatherradars@ec.gc.ca)

Regards,

*Lillian Yao*

Engineer, Monitoring Science and Strategies  
Meteorological Service of Canada  
Tel: 416 514-2648  
Fax: 416 739-5721

---

**From:** Ostrander Point Wind Energy Park [mailto:OstranderPoint@stantec.com]  
**Sent:** May 21, 2008 12:24 PM  
**To:** Weather Radars Contact,National Radar Program [Ontario]  
**Subject:** Notice of Modification

Good morning -

Please find attached, in PDF format, a letter including a Notice of Modification regarding the Ostrander Point Wind Energy Park.

Thank-you,  
Stantec Consulting Ltd.

**From:** Fell,Denise [Burlington] [Denise.Fell@ec.gc.ca]

**Sent:** Thursday, June 05, 2008 12:50 PM

**To:** Wyatt, Valerie

**Cc:** katie.griffiths@ontario.ca; Marnie Oliver; Nadolny, Rob; Fischer,John [Burlington]; Allan,Sheila [Burlington]

**Subject:** EC comments on Ostrander Point 2008 Bird Work Program, EC file 2007-096

Hi Val,

EC has reviewed your 2008 Bird Work Program for Ostrander Point and we are satisfied with what you have proposed.

Best Regards,

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## Denise Fell

**Environmental Assessment Officer**

Environment Canada

Environmental Assessment and Federal Programs Section

Environmental Protection and Operations Division - Ontario

867 Lakeshore Rd., Box 5050

Burlington, ON L7R 4A6

**Phone:** (905) 336-4951

**FAX:** (905) 336-8901

**Email:** denise.fell@ec.gc.ca

**P** Please consider the environment before printing this email

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**From:** Wyatt, Valerie [mailto:valerie.wyatt@stantec.com]  
**Sent:** Thursday, May 08, 2008 8:21 PM  
**To:** Fell, Denise [Burlington]  
**Cc:** katie.griffiths@ontario.ca; Marnie Oliver; Nadolny, Rob  
**Subject:** Ostrander Point 2008 Bird Work Program

Hello Denise,

Please find attached a summary of the 2008 bird field studies proposed at the Ostrander Point Wind Energy Park site. The spring waterfowl and American Woodcock surveys have been completed using protocols that were discussed with Environment Canada during our March 20, 2008 conference call and subsequent phone correspondence. We would welcome Environment Canada's review of these protocols. By copy of this email to Katie Griffiths, I also would like to invite the Ministry of Natural Resources to review and comment on the bird work program.

Please don't hesitate to contact me or Nicole Kopysh should you have any questions or require any further information regarding the bird work program.

Thank you,  
Valerie

**Valerie Wyatt, M.Sc.**  
Senior Project Manager  
Stantec  
361 Southgate Drive  
Guelph ON N1G 3M5  
Ph: (519) 836-6050 Ext. 237  
Fx: (519) 836-2493  
valerie.wyatt@stantec.com  
[stantec.com](http://stantec.com)

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

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**From:** Fell,Denise [Burlington] [Denise.Fell@ec.gc.ca]  
**Sent:** Friday, September 05, 2008 11:54 AM  
**To:** Ostrander Point Wind Energy Park  
**Subject:** Materials for open houses  
**Follow Up Flag:** Follow up  
**Flag Status:** Red

Hi Mark,

I appreciate receiving invitations to open houses. Since I won't typically be able to attend these events, I would appreciate if you could email me any related materials presented at these events (such as layout info).

Thanks!



## Denise Fell

### Environmental Assessment Officer

Environment Canada

Environmental Assessment and Federal Programs Section

Environmental Protection and Operations Division - Ontario

867 Lakeshore Rd., Box 5050

Burlington, ON L7R 4A6

**Phone:** (905) 336-4951

**FAX:** (905) 336-8901

**Email:** denise.fell@ec.gc.ca

<http://www.on.ec.gc.ca/laws/epad/>



Please consider the environment before printing this email

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**From:** Kozak, Mark on behalf of Ostrander Point Wind Energy Park  
**Sent:** Monday, September 08, 2008 4:24 PM  
**To:** Fell,Denise [Burlington]  
**Subject:** RE: Materials for open houses

Hi Denise,

I tried to attach the zip file of the display boards but the file is too large. However, each display board is posted on the project website so that you can download only the boards you may be interested in such as the layout and some visual simulations.

The link is: [http://www.gileadpower.com/projects\\_ostrander\\_point.asp](http://www.gileadpower.com/projects_ostrander_point.asp)

Regards,  
Mark

---

**From:** Fell,Denise [Burlington] [mailto:Denise.Fell@ec.gc.ca]  
**Sent:** Friday, September 05, 2008 11:54 AM  
**To:** Ostrander Point Wind Energy Park  
**Subject:** Materials for open houses

Hi Mark,

I appreciate receiving invitations to open houses. Since I won't typically be able to attend these events, I would appreciate if you could email me any related materials presented at these events (such as layout info).

Thanks!



**Denise Fell**

**Environmental Assessment Officer**

Environment Canada

Environmental Assessment and Federal Programs Section

Environmental Protection and Operations Division - Ontario

867 Lakeshore Rd., Box 5050

Burlington, ON L7R 4A6

**Phone:** (905) 336-4951

**FAX:** (905) 336-8901

**Email:** [denise.fell@ec.gc.ca](mailto:denise.fell@ec.gc.ca)

<http://www.on.ec.gc.ca/laws/epad/>



Please consider the environment before printing this email



Fisheries  
and Oceans

Pêches  
et Océans

Ontario – Great Lakes Area

501 Towerhill Road  
Suite 102  
Peterborough, ON  
K9J 7S3

Secteur de l'Ontario et des Grands Lacs

501 rue Tower Hill  
Unité 102  
Peterborough (Ontario)  
K9H 7S3



Your file *Notre référence*

Our file *Notre référence*

Marnie Dawson  
Project Manager  
Jacques Whitford  
7271 Warden Avenue  
Markham, ON  
L3R 5X5

Dear: Ms. Dawson

**Subject:** Ostrander Point Wind Energy Park- Project Description.

Fisheries and Oceans Canada (DFO) received your proposal on December 19, 2007, concerning the Ostrander Point Wind Energy Park. To expedite future correspondence or inquiries, please refer to your referral title and file numbers when you contact us.

Habitat File No.: **PE-07-5083**  
Referral Title: **Wind Park, Prince Edward County**

Thank you for the opportunity to provide comments on the Project Description-Environmental Assessment for the Ostrander Point Wind Energy Park. Fisheries and Oceans Canada will be responsible for reviewing impacts to fish habitat that may occur on the Crown Land portions of the project. Any potential impacts to fish habitat outside of the crown land boundaries will be reviewed by the Trent Region Conservation Authority under the level II agreement with DFO.

Currently, the information contained in the Project Description is not sufficient to determine whether the proposed works will result in a harmful alteration, disruption or destruction (HADD) of fish habitat. I have included a copy of the DFO Practitioners Guide to The Risk Management Framework for DFO Habitat Management Staff. This guideline will assist you in aquatic affects assessment, determining mitigation measures, and categorizing risk for aspects of the project that will be conducted in or around water.

As an outcome of the stakeholders meeting, I would like to remind you that “roadside ditches” and “drainage ditches” have the potential to contain habitat for baitfish species or may contribute directly or indirectly to Canadian fisheries waters. As such, they should not be excluded from your study.

DFO has developed a series of Operational Statements to streamline review of projects. There may be Operational Statements that are suitable to apply to

**Canada**

aspects of the Wind Park project. Operational Statements can be obtained at:  
[http://www.dfo-mpo.gc.ca/oceans-habitat/habitat/modernizing-moderniser/epmp-pmpe/index\\_e.asp](http://www.dfo-mpo.gc.ca/oceans-habitat/habitat/modernizing-moderniser/epmp-pmpe/index_e.asp)

Please incorporate your risk assessment of all potential aspects of the project that may impact fish and fish habitat in your Environmental Review Report. In addition, please include any additional technical or site specific information that you consider relevant to your proposal. Once this additional information is received, we can continue reviewing the project under the habitat protection provisions of the *Fisheries Act*.

Please note that causing a HADD without an authorization is an offence under subsection 35(1) of the *Fisheries Act*. Subsection 35(1) states: “*no person shall carry on any work or undertaking that results in the harmful alteration, disruption or destruction of fish habitat.*”

If you have any questions concerning the above, or if my understanding of the project is either incorrect, incomplete, or if there are changes to the proposed work, please contact me directly by telephone at 705-750-4010, or by fax at 705-750-4016.

Sincerely,  
  
Tracy Allison  
Fish Habitat Biologist

Attachment(s):  
Practitioners Guide to the Risk Management Framework  
Pathways of Effects- Risk Management

c.c.:

## Stinson, Carol

---

**From:** Allison, Tracy [Tracy.Allison@dfo-mpo.gc.ca]  
**Sent:** Friday, July 25, 2008 2:05 PM  
**To:** Ostrander Point Wind Energy Park  
**Subject:** July 16th request: Cumulative Effects  
**Follow Up Flag:** Follow up  
**Flag Status:** Red

Greetings,

Thank you for your letter requesting information on any certain or reasonable actions or projects unrelated to the ostrander point wind energy park within the expected cumulative effects area. As DFO has a partnership agreement with the local Conservation Authority, this type of information would be best obtained through that source. As such, the local CA's and OMNR would be the best agencies to approach with the information you are requesting.

If you have any questions, do not hesitate to contact me at the undersigned.

Cheers,  
Tracy

Tracy Allison

Fish Habitat Biologist	Biologiste de l'habitat du poisson
Ontario-Great Lakes Area	Secteur de l'Ontario et des Grand Lacs
Peterborough District	district de Peterborough
Fisheries and Oceans Canada	Pêches et Océans Canada
501 Towerhill Road, Unit 102	501 rue Towerhill, Unite102
Peterborough, ON K9H 7S3	

Note new email address:

tracy.allison@dfo-mpo.gc.ca

Tel/tel: (705) 750-4010

Fax/telec: (705) 750-4016

<http://www.dfo-mpo.gc.ca/habitat/>



January 21, 2008

Your file    Votre référence

5010-1  
Our file    Notre référence

CIDM #205034

Carla Korpijaakko  
Environmental Scientist  
Environmental Planning & Permitting  
Jacques Whitford Limited  
7271 Warden Avenue  
Marham, ON    L3R 5X5

Dear Ms. Korpijaakko:

**RE:    Commencement of an Environmental Assessment  
Wind Energy Project - Gilead Power Corporation**

Thank you for your letter of December 17, 2007 regarding the commencement of an environmental assessment for the Ostrander Point Wind Energy Park located in the South Marysburgh Ward of Prince Edward County, Ontario. For this proposed project, Indian and Northern Affairs Canada is not likely to require an environmental assessment under s. 5(1) of the Canadian Environmental Assessment Act and will not be a responsible authority.

Additionally, Indian and Northern Affairs Canada will not be an expert federal authority and further involvement is not necessary. However, it is important for government departments to contact all potentially interested First Nation communities directly. To assist with identifying First Nations and other Aboriginal groups within the vicinity of a specific proposed project, INAC Ontario Region - Environment can provide the following information sources:

- The Chiefs of Ontario website (<http://www.chiefs-of-ontario.org>) provides a directory of contact information for all First Nations and Chiefs, as well as a map of the locations of all Ontario First Nations.
- Natural Resources Canada produced provincial maps, showing all First Nation reserve lands, are available for purchase at:  
[http://cccm.nrcan.gc.ca/english/canada\\_lands\\_index\\_e.asp](http://cccm.nrcan.gc.ca/english/canada_lands_index_e.asp)
- Natural Resources Canada's online *Historical Indian Treaties* map, showing historical First Nation treaties across Canada, is available at:  
<http://atlas.nrcan.gc.ca/site/english/maps/historical/indiantreaties/historicaltreaties>

- A search by place name at the Canadian Geographical Names database ([http://geonames.nrcan.gc.ca/search/search\\_e.php](http://geonames.nrcan.gc.ca/search/search_e.php)) will generate a map which shows any nearby Indian reserve lands in grey.
- The Métis Nation of Ontario (<http://www.metisnation.org/>) may be able to provide information regarding Métis interests with respect to a particular project.
- The Ontario Federation of Indian Friendship Centres website provides a list of all friendship centres in Ontario, at:  
<http://www.ofifc.org/Centres/OfficeList.asp?Region='ON'>

For any enquiries regarding land claims in within the project area, please contact the Director General of the Comprehensive Claims Branch at (819) 994-7521, the Director General of Specific Claims Branch at (819) 994-2323 and the Director General of Litigation Management and Resolution Branch at (819) 997-3582.

Sincerely,

Daniel Johnson  
Environmental Officer  
Environment Unit  
INAC - Ontario Region  
25 St. Clair Avenue E. 8<sup>th</sup> Floor  
Toronto, Ontario M4T 1M2

cc: Urmas Madisso, Indian and Northern Affairs Canada

This letter has been distributed electronically. If you require a signed copy, please contact the author at the address provided above.

Canada



February 19, 2008

Ms. Kathleen Easterling  
Project Biologist  
Environmental Planning and Permitting  
Jacques Whitford Ltd.  
7271 Warden Ave  
MARKHAM, ON L3R 5X5

RE: Ostrander Point Wind Energy Park

Dear Ms. Easterling,

I am responding to your notification sent to the Comprehensive Claims Branch, by email, on February 11, 2008.

We can confirm that there are no comprehensive claims in Prince Edward County, Ontario. We cannot make any comments regarding potential or future claims, or claims filed under other departmental policies. This includes claims under Canada's Specific Claims Policy or legal action by the First Nation against the Crown. For more information, I suggest you contact the Director General of Specific Claims Branch at (819) 994-2323 and the Director General of Litigation Management and Resolution Branch at (819) 997-3582.

INAC- Comprehensive Claims Branch does not have any specific interest in the project and would request to be taken out of the mailing list.

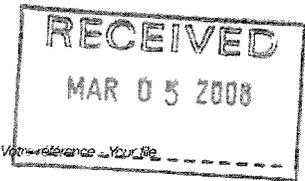
Yours truly,

Kevin Clement, A/ Director  
for  
Lynn Bernard, Director General  
Comprehensive Claims Branch

DISCLAIMER: In this Disclaimer, "Canada" means Her Majesty the Queen in right of Canada and the Minister of Indian Affairs and Northern Development and their servants and agents. Canada does not warrant or assume any legal liability or responsibility for the accuracy, completeness, or usefulness of any data or information disclosed with this correspondence or for any actions in reliance upon such data or information or on any statement contained in this correspondence. Data and information is based on information in departmental records and is disclosed for convenience of reference only. In accordance with the provisions of the *Access to*

*Information Act* and the *Privacy Act*, confidential information has not been disclosed. Canada does not act as a representative for any Aboriginal group for the purpose of any claim. Information from other government sources and private sources (including Aboriginal groups) should be sought, to ensure that the information you have is accurate and complete.

Canada



MAR 03 2008

Notre référence Our file

B 8260-12

Marnie Dawson  
Project Manager  
Jacques Whitford  
7271 Warden Avenue  
MARKHAM ON L3R 5X5

Dear Ms. Dawson:

**Re: Notice of Commencement for a Proposed Wind Energy Park Ostrander  
Point Crown Land Block  
South Marysburgh, Prince Edward County, Ontario**

I am writing in response to your letter sent via e-mail to Don Boswell, and telephone conversation with Katie Easterling of February 11, 2008, inquiring as to whether there are any First Nation claims in the area of the above noted project.

We have conducted a brief search of our records and determined that a specific claim has been submitted by the following First Nation in the area of interest:

Alderville First Nation  
11696 2nd LINE ROAD PO BOX 46 ALDERVILLE ON K0K 2X0  
(905) 352-2011

It also may be of interest to you that the following First Nation is in the general vicinity of your project. You may wish to contact this First Nation to advise them of your intentions. They can be reached at:

Mohawks of The Bay of Quinte  
R.R. #1, TYENDINAGA MOHAWK TERRITORY K0K 1X0  
(613) 396-3424

.../2

For more information, you may wish to consult a "Public Information Status Report" on all claims which have been submitted to date. This information is available to the public on the Indian and Northern Affairs Canada (INAC) website and can be found at [http://www.ainc-inac.gc.ca/ps/clm/pis\\_e.html](http://www.ainc-inac.gc.ca/ps/clm/pis_e.html).

It should be noted that the reports available on the INAC website are updated quarterly and therefore, you may want to check this site at regular intervals for updates. In accordance with legislative requirements, confidential information has not been disclosed.

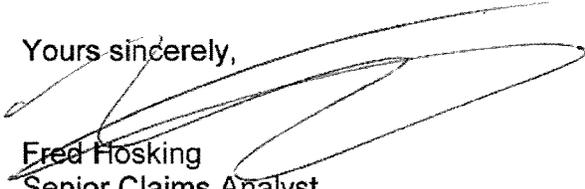
Please rest assured that it is the policy of the Government of Canada as expressed in Outstanding Business: A Native Claims Policy that "in any settlement of specific native claims the government will take third party interests into account. As a general rule, the government will not accept any settlement which will lead to third parties being dispossessed."

We can only speak directly to claims filed under the Specific Claims Policy in the Province of Ontario. We cannot make any comments regarding potential or future claims, or claims filed under other departmental policies. This includes claims under Canada's Comprehensive Claims Policy or legal action by a First Nation against the Crown. You may wish to contact INAC's Comprehensive Claims Branch at (819) 994-7521 or its Litigation Management and Resolution Branch at (819) 934-2185 directly for more information. In addition, you may wish to consult the unit responsible for Special Claims at (819) 994-6453.

To the best of our knowledge, the information we have provided you is current and up-to-date. However, this information may not be exhaustive with regard to your needs and you may wish to consider seeking information from other government and private sources (including Aboriginal groups). In addition, please note that Canada does not act as a representative for any Aboriginal group for the purpose of any claim or the purpose of consultation.

I hope this information will be of assistance to you. I trust that this satisfactorily addresses your concerns. If you wish to discuss this matter further please contact me at (819) 953-1940.

Yours sincerely,



Fred Hosking  
Senior Claims Analyst  
Ontario Research Team  
Specific Claims Branch



**Stantec**

## CONTACT RECORD

**NAME(S):** Chris Csatlos **PROJECT NO.:** 160960369  
**TELEPHONE:** 613-248-4162 **REPRESENTING:** Nav Canada  
**RE:** Nav Canada Assessment **DATE/TIME:** May 21 2008  
**RECORDED BY:** M Kozak

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- Nav Canada's Aeronautical Information Services – Land Use will review the locations of the turbines to determine if the project will have any impact on Nav Canada facilities including radar
- Stantec/Gilead is to send in the locations of turbines with the radius of each, and ground height once the final locations are determined
- It is possible to send in more locations than what will be finalized in the ERR, for approval and then removed at a later date

NO.	FOLLOW-UP TASK	TIMING	BY	DONE

## Easterling, Kathleen

---

**From:** Zeit, David [ZEITD@tc.gc.ca]  
**Sent:** Wednesday, January 30, 2008 11:01 AM  
**To:** Easterling, Kathleen  
**Subject:** Comments on Ostrander Point Wind Energy Proposal  
**Attachments:** Document.pdf

Hello Katie,

I have reviewed the various documents that you have provided to Transport Canada with respect to the proposed Ostrander Point Wind Energy Park. This material has been reviewed in relation to our department's mandate as well as our responsibilities under the Canadian Environmental Assessment Act (CEAA). I wish to provide comment on two areas of potential interest:

Transport Canada is responsible for administering the Navigable Waters Protection Act (NWP). Under this Act, any project that has the potential to obstruct navigation may require an approval. Depending on the type of approval required, this may result in a CEAA trigger. In the case of the Ostrander proposal, potential concerns include access roads and transmission lines crossing watercourses. The information provided to date indicates that there will be two access road related water crossings. However, the channels in question appear to be very minor and likely non-navigable. With respect to transmission line crossings, I do not have detailed information on which, if any, watercourses may be crossed. It should be noted though, that such crossings, even those involving a navigable waterway, will typically be exempt from NWP approval, provided they are carried out in accordance with the applicable Canadian Standards Association requirements. In either case, the best way to ensure compliance is to file an NWP application, particularly for any proposed road crossings. This will initiate a review by one of our district NWP Officers, who will make a determination on the navigability of the watercourses in question and issue the appropriate approval or exemption notice. I have attached a copy of the NWP application form. If you have any questions on its preparation, please do not hesitate to contact me or the district NWP Office closest to your project site.

The second area of potential interest is with respect to the potential for the proposed wind turbines to cause an aviation safety hazard. Transport Canada has guidelines on appropriate lighting and markings intended to address this issue. In order to initiate a project-specific review of your proposal, please complete and return an Aeronautical Obstruction Clearance Form (available at: <http://www.tc.gc.ca/ontarioregion/civilaviation/aerodrome/menu.htm> ). This will ensure that your project is reviewed by an Aerodrome Safety Officer, who will provide you with guidance on appropriate lighting and marking requirements. It will also ensure that your project location is marked on aeronautical charts, to warn pilots of the presence of elevated structures.

I understand that you have also written to Trevor Tomkinson and Debra Taylor, at Transport Canada, with a request for input. In order to better coordinate our communications on this project, and ensure a consistent message, I have been asked to act as a single point of contact for this file. Please update your contact list to replace Trevor and Debra's names with mine. I will then ensure that any project materials or inquiries are redirected to the appropriate Transport Canada branches (e.g., Marine Safety, Aerodrome Safety, Environment and Engineering, etc.).

Thank you for providing us with the opportunity to comment on this proposal. I look forward to continuing to work with you, as this project moves through the regulatory process.

Regards,

David Zeit

Environmental Officer / Agent d'environnement

(416) 952-0507

fax/télécopieur (416) 952-0514 | TTY/ATS (613) 990-4500 [zeitd@tc.gc.ca](mailto:zeitd@tc.gc.ca)

<mailto:zeitd@tc.gc.ca> Transport Canada | 4900 Yonge Street (PHE), Toronto, Ontario M2N 6A5

Transports Canada | 4900 Yonge Street (PHE), Toronto (Ontario) M2N 6A5

<http://www.tc.gc.ca/> Government of Canada | Gouvernement du Canada

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<<Document.pdf>>



**Stantec**

## CONTACT RECORD

**NAME(S):** David Zeit **PROJECT NO.:** 160960369  
**TELEPHONE:** (416) 952-0507 **REPRESENTING:** Transport Canada  
**RE:** Cumulative Effects Assessment **DATE/TIME:** October 30, 2008/11:20am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating that she was following up with the Cumulative Effects Assessment letter sent to David on July 16 – wanted to ensure he had received the letter, and get an indication of when we may receive a response.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** David Zeit **PROJECT NO.:** 160960369  
**TELEPHONE:** (416) 952-0507 **REPRESENTING:** Transport Canada  
**RE:** Cumulative Effects Assessment **DATE/TIME:** November 7, 2008/10:30am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC followed up with David regarding the cumulative effects email she sent him on October 31, wanted to ensure he received the email.
- DZ said that he just got back in the office, but had passed the email onto his colleague. He said assessing cumulative effects may be difficult because they don't file Projects by location. He will check with his colleague and get back to JC.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE

**From:** Cushing, Julia  
**Sent:** Friday, October 31, 2008 4:26 PM  
**To:** 'zeitd@tc.gc.ca'  
**Cc:** Kozak, Mark  
**Subject:** Ostrander Point Wind Energy Park - Cumulative Effects

**Attachments:** Transport Canada.pdf; Figure8.3\_60960369\_08\_CumulativeEffects.pdf  
Good Afternoon David,

as per your voicemail, please find attached a copy of the Cumulative Effects Letter sent to you on July 16, and the associated Cumulative Effects Study Area Map.

Kind Regards,

Julia

**Julia Cushing, B.E.S., Dip. EA**  
Environmental Scientist  
Stantec  
Suite 1 - 70 Southgate Drive  
Guelph ON N1G 4P5  
Ph: (519) 836-6050 Ext. 262  
Fx: (519) 836-2493  
Cell: (519) 766-7214  
julia.cushing@stantec.com  
[stantec.com](http://stantec.com)

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**From:** Gordon.LUNG@HydroOne.com  
**Sent:** Monday, June 09, 2008 3:13 PM  
**To:** Ostrander Point Wind Energy Park  
**Cc:** charles.esendal@HydroOne.com  
**Subject:** EA\_10109 Prince Edward County - Ostrander Point Wind Energy Park  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** EA\_10109 Prince Edward County - Ostrander Point Wind Energy Park.doc

June 9, 2008

Dear Mr. Kozak,

Please find our response for the subject project.  
Should you have any questions, please do not hesitate to contact:

Charles S. Esendal, P.Eng., MBA  
Sustainment Manager  
Lines Information Systems & Programs

☎: (416) 345-5931  
✉: charles.esendal@HydroOne.com

Regards,  
Gordon Lung  
Transmission Lines Sustainment  
System Investment

Hydro One Networks, Inc.  
483 Bay Street,  
TCT15-A11, North Tower  
Toronto, Ontario  
M5G 2P5

☎: (416) 345-6492  
✉: gordon.lung@HydroOne.com



**Stantec**

## CONTACT RECORD

**NAME(S):** Tony Ierullo **PROJECT NO.:** 160960369  
**TELEPHONE:** 416-345-5213 **REPRESENTING:** Hydro One  
**RE:** Cumulative Effects Assessment **DATE/TIME:** October 30, 2008/11:30am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating that she was following up with the Cumulative Effects Assessment letter sent to Tony on July 16 – wanted to ensure he had received the letter, and get an indication of when we may receive a response.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** Tony Ierullo **PROJECT NO.:** 160960369  
**TELEPHONE:** 416-345-5213 **REPRESENTING:** Hydro One  
**RE:** Cumulative Effects Assessment **DATE/TIME:** November 7, 2008/10:33am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC spoke with Tony regarding the voice mail she left on October 30, regarding the cumulative effects assessment for the Ostrander Point wind energy park
- Tony said he passed the letter onto the EA division, and they will get back to us. In the meantime he will follow up with them.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE

**Easterling, Kathleen**

iServ.

---

**From:** Clements, Bob (MGCS) [Bob.Clements@ontario.ca]  
**Sent:** Friday, February 22, 2008 3:40 PM  
**To:** Easterling, Kathleen  
**Cc:** LeGrow, Marie (ENE)  
**Subject:** FW: Ostrander Point Wind Energy Park  
**Attachments:** Ostrander Point Wind Energy Park Project Description.pdf; Lou Battiston Mobile Communications.pdf

Kathleen: Our microwave engineer has reviewed the above project and has determined that there will be no interference to our public safety mobile communication system as long as it remains within the boundaries of the area identified in the Notice of Commencement you sent to Lou Battiston of our office February 11, 2008 (copy attached for reference).

Bob Clements, P.Eng  
Mobile Radio Engineer  
GMCO  
416-327-0383

[bob.clements@ontario.ca](mailto:bob.clements@ontario.ca)

-----Original Message-----

**From:** Battiston, Lou (MGCS)  
**Sent:** February 11, 2008 12:55 PM  
**To:** Clements, Bob (MGCS)  
**Subject:** FW: Ostrander Point Wind Energy Park

Hi Bob.

Here is another request.

Lou

-----Original Message-----

**From:** Easterling, Kathleen [mailto:Kathleen.Easterling@JacquesWhitford.com]  
**Sent:** February 11, 2008 12:36 PM  
**To:** Battiston, Lou (MGCS)  
**Cc:** Dawson, Marnie  
**Subject:** Ostrander Point Wind Energy Park

Mr. Battiston,

This email is to advise you that Jacques Whitford Limited has commenced an Environmental Assessment on behalf of Gilead Power Corporation for the proposed Ostrander Point Wind Energy Park, located in the ward of South Marysburgh, Prince Edward County, Ontario.

Attached are the Notice of Commencement and Project Description. Jacques Whitford would appreciate your input regarding the proposed Project and looks forward to your response by March 7, 2008.

Should you have any questions, please feel free to contact Marnie Dawson (phone: 905-415-7743; email: [mdawson@jacqueswhitford.com](mailto:mdawson@jacqueswhitford.com)) at your earliest convenience.

Thank you,  
Katie Easterling

---

Kathleen (Katie) Easterling  
Hon. B.Sc., Dip.  
Project Biologist  
Environmental Planning and Permitting

Jacques Whitford Ltd.  
7271 Warden Ave  
Markham ON  
L3R 5X5  
Tel: (905) 474-7700 ext 4746290  
Fax: (905) 479-9326  
[kathleen.easterling@jacqueswhitford.com](mailto:kathleen.easterling@jacqueswhitford.com)

[www.jacqueswhitford.com](http://www.jacqueswhitford.com)

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\*\*\*\*\*

---

**From:** Clements, Bob (MGCS) [Bob.Clements@ontario.ca]  
**Sent:** Tuesday, May 27, 2008 3:20 PM  
**To:** Ostrander Point Wind Energy Park  
**Subject:** Ostrander Point

**Follow Up Flag:** Follow up  
**Flag Status:** Red

**Attachments:** stantec notice of mod-ostrander point.pdf; FW: Ostrander Point Wind Energy Park



stantec notice of mod-ostrande...  
FW: Ostrander Point Wind Energ...

Mark Kozak:

Our microwave engineer has reviewed the above project and has determined that there will be no interference to our public safety mobile communication system as long as it remains within the boundaries of the area identified in the Notice of Commencement you sent to Lou Battiston of our office May 20, 2008 (copy attached for reference).

I have also attached a copy of earlier correspondence with Jacques Whitford on the same project.

Bob Clements, P.Eng  
Mobile Radio Engineer  
GMCO  
416-327-0383

bob.clements@ontario.ca

<<stantec notice of mod-ostrander point.pdf>> <<FW: Ostrander Point Wind Energy Park>>

**Ministry of Aboriginal Affairs**

720 Bay Street  
4<sup>th</sup> Floor  
Toronto, ON M5G 2K1

Tel: (416) 326-4741  
Fax: (416) 326-4017

**Ministère des Affaires autochtones**

720, rue Bay  
4<sup>e</sup> étage  
Toronto, ON M5G 2K1

Tél: (416) 326-4741  
Télééc: (416) 326-4017



website: [www.aboriginalaffairs.gov.on.ca](http://www.aboriginalaffairs.gov.on.ca)

Reference: PAR 573  
0708-388

Michael J. Lord  
Vice President  
Gilead Power Corporation  
150 King Street East, Suite 5E  
Peterborough, ON K9J 3R9

Re: Ostrander Point Wind Energy Park

Dear Mr. Lord:

Thank you for your notice dated December 17, 2007, regarding the above noted project.

The responsibilities of the Ministry of Aboriginal Affairs (MAA) include conducting land claim and related negotiations on behalf of the Province. MAA can provide you with information about land claims that have been submitted to the Ministry, are currently in active negotiations, or are in the process of implementing a settlement agreement. We can also advise as to whether there is any litigation with an Aboriginal community that may be impacted by your project.

You should also be aware that many First Nations either have or assert rights to hunt and fish in their traditional territories. These territories often include lands and waters outside of a First Nation's reserve. As well, in some instances project work may impact archaeological and burial sites. First Nations with an interest in such archaeological sites may extend beyond those First Nations in the nearest vicinity of the proposed project.

.../2

For your information, MAA notes that the following First Nations may be interested in your project given the proximity of their community or reserve lands to the area of the proposed project:

Chief R. Donald Maracle  
Mohawks of the Bay of Quinte  
R. R. #1, 13 Old York Road  
DESERONTO, Ontario  
KOK 1X0  
(613) 396-3424 ext. 121  
(Fax) 396-3627

MAA is not the approval or regulatory authority for your project. You should consider the information provided in this letter in light of the statutes and guidance materials provided by the appropriate approval or regulatory authority for consultation requirements with Aboriginal communities on a project such as you are proposing. Should you have questions on the process please contact the appropriate ministry.

The Government of Canada sometimes receives claims that Ontario does not receive, or with which Ontario does not become involved. For information about possible claims in the area, MAA recommends the proponent contact the following federal contacts:

Mr. Fred Hosking  
Senior Claims Analyst  
Ontario Research Team  
Indian and Northern Affairs Canada  
10 Wellington St.  
Gatineau, QC K1A 0H4  
Tel: (819) 953-1940  
Fax: (819) 997-9873

Mr. Kevin Clement  
A/Director,  
Financial Issues and Cost-Sharing  
10 Wellington St. 8<sup>th</sup> Floor  
Gatineau, QC K1A 0H4  
Tel: (819) 997-8369  
Fax: (819) 997-9147

For federal information on litigation contact:

Jonathan Allen  
Litigation Team Leader for Ontario  
1430-25 Eddy Street  
Gatineau, QC K1A 0H4  
Tel: (819) 956-3181  
Fax: (819) 953-6143

Yours truly,

Alan Kary  
Deputy Director  
Policy and Relationships Branch

bc: Negotiations

10

-----

**From:** Valaitis, Ray (OMAFRA) [mailto:ray.valaitis@ontario.ca]  
**Sent:** Tuesday, August 19, 2008 10:46 AM  
**To:** Easterling, Kathleen  
**Subject:** RE: Ostrander Point Wind Energy Project

Kathleen:

Staff of this Ministry have completed a review of the above-noted proposal in terms of the goals and objectives of this Ministry and the criteria contained in the 2005 Provincial Policy Statement (PPS). The following technical comments are provided.

The proposed project will establish a wind energy park (12 wind turbines) at part of lots 4 to 8, concession West of Long Point (Ostrander Point), South Marysburgh Ward, Prince Edward County.

The subject lands do not lie within a provincially significant prime agricultural area as per the PPS.

This Ministry has no further comments concerning this proposal.

Yours truly,

Ray Valaitis  
Rural Planner  
Environmental and Land Use Policy Unit  
Food Safety and Environmental Policy Branch  
Policy Division  
Ontario Ministry of Agriculture, Food and Rural Affairs  
95 Dundas Street  
Brighton, Ontario  
K0K 1H0

Tel: 613-475-4764  
Fax: 613-475-3835  
[ray.valaitis@ontario.ca](mailto:ray.valaitis@ontario.ca)

**Easterling, Kathleen**

Ministry of Citizenship & Immigration

**From:** Stack, Chris (MCI) [Chris.Stack@ontario.ca]  
**Sent:** Monday, February 04, 2008 10:58 AM  
**To:** Easterling, Kathleen  
**Subject:** RE: Ostrander Point Wind Energy Project

Hi Katie:

As discussed, we do not have any comments at this time.

Thanks.  
Chris

*Chris Stack  
Executive Assistant to the  
CAO and Assistant Deputy Minister  
Regional and Corporate Services Division  
Phone: (416) 314-7315*

---

**From:** Easterling, Kathleen [mailto:Kathleen.Easterling@JacquesWhitford.com]  
**Sent:** February 4, 2008 10:43 AM  
**To:** Stack, Chris (MCI)  
**Subject:** Ostrander Point Wind Energy Project

Hello Mr. Stack,

Please find attached the project description for the Ostrander Point Wind Energy Project in Prince Edward County. As per our phone conversation, if you could please indicate in writing (email or fax) for our records that the Ministry of Citizenship and Immigration has no comments regarding this project, that would be much appreciated.

Thank you,  
Katie Easterling

---

Kathleen (Katie) Easterling  
Hon. B.Sc., Dip.  
Project Biologist  
Environmental Planning and Permitting

Jacques Whitford Ltd.  
7271 Warden Ave  
Markham ON  
L3R 5X5  
Tel: (905) 474-7700 ext 4746290  
Fax: (905) 479-9326  
[kathleen.easterling@jacqueswhitford.com](mailto:kathleen.easterling@jacqueswhitford.com)

[www.jacqueswhitford.com](http://www.jacqueswhitford.com)



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\*\*\*\*\*

**Easterling, Kathleen**

Ministry of Energy

**From:** Jenkins, Allan (ENERGY) [Allan.Jenkins@ontario.ca]  
**Sent:** Monday, February 04, 2008 2:26 PM  
**To:** Easterling, Kathleen  
**Subject:** RE: Ostrander Point Wind Energy Park

Ms. Easterling,

The Ministry of Energy has no comments on the Ostrander Point Wind Energy Park as proposed.

Allan Jenkins  
Coordinator, Clean Energy  
416-325-6926

---

**From:** Easterling, Kathleen [mailto:Kathleen.Easterling@JacquesWhitford.com]  
**Sent:** Friday, January 25, 2008 1:34 PM  
**To:** Jenkins, Allan (ENERGY)  
**Subject:** Ostrander Point Wind Energy Park

Hello Mr. Jenkins,

As per our phone conversation, if you could please indicate in writing for our records that the Ministry of Energy has no comments regarding Gilead Power Corporation's Ostrander Point Wind Energy Park in Prince Edward County, that would be much appreciated.

Thank you,  
Katie Easterling

---

Kathleen (Katie) Easterling  
Hon. B.Sc., Dip.  
Project Biologist  
Environmental Planning and Permitting

Jacques Whitford Ltd.  
7271 Warden Ave  
Markham ON  
L3R 5X5  
Tel: (905) 474-7700 ext 4746290  
Fax: (905) 479-9326  
[kathleen.easterling@jacqueswhitford.com](mailto:kathleen.easterling@jacqueswhitford.com)

[www.jacqueswhitford.com](http://www.jacqueswhitford.com)

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**Ministry of Citizenship  
and Immigration**

**Ministry of Culture**

**Ministry of  
Health Promotion**

**Ministry of Tourism**

347 Preston Street, 4<sup>th</sup> floor  
Ottawa, ON K1S 3J4

**Ministère des Affaires civiques  
et de l'immigration**

**Ministère de la Culture**

**Ministère de la  
Promotion de la santé**

**Ministère du Tourisme**

347, rue Preston, 4<sup>e</sup> étage  
Ottawa, ON K1S 3J4

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive,  
Guelph, Ontario N1G 3M5

Dear Mr. Kozak:

Re: Ostrander Point Wind Energy Park Environmental Review File: 160960369

Thank you for the Notice of Modification, Ostrander Point Wind Energy Park sent to the Ministry of Tourism to my attention on May 20, 2008.

The Ministry of Tourism has done considerable work with Tourism partners and stakeholders in Prince Edward County since 2000. Background on the tourism industry of the County, which may be of benefit to you in your process, is available on line. The studies and reports can be found at:

[www.pecounty.on.ca/government/coprotate\\_services/economic\\_development/tourism/strategy.php](http://www.pecounty.on.ca/government/coprotate_services/economic_development/tourism/strategy.php)

These include the Premier Ranked Tourist Destination Executive Summary and Final Report as well as the Prince Edward County Tourism Development Strategy.

In addition, Prince Edward County has completed a Municipal Cultural Planning process and created a Cultural Round Table. Reports of a Creative and Heritage nature are also found in the above mentioned website under Economic Development.

I have forwarded your letter to the Ministry of Culture, Culture Services Unit, in the event this matter requires further assessment from a cultural heritage and /or archaeological viewpoint. Should this project require a review from this perspective, please forward any associated documentation to the following address:

Michael Johnson, Manager  
Culture Services Unit  
Ontario Ministry of Culture  
400 University Avenue, 4<sup>th</sup>. Floor  
Toronto, Ontario M7A 2R9  
[Michael.johnson1@ontario.ca](mailto:Michael.johnson1@ontario.ca)

I hope this information is of assistance, and remain,

Yours truly,

Mary Beach  
Area Manager

**Easterling, Kathleen**

Ministry of Energy

**From:** Jenkins, Allan (ENERGY) [Allan.Jenkins@ontario.ca]  
**Sent:** Monday, February 04, 2008 2:26 PM  
**To:** Easterling, Kathleen  
**Subject:** RE: Ostrander Point Wind Energy Park

Ms. Easterling,

The Ministry of Energy has no comments on the Ostrander Point Wind Energy Park as proposed.

Allan Jenkins  
Coordinator, Clean Energy  
416-325-6926

---

**From:** Easterling, Kathleen [mailto:Kathleen.Easterling@JacquesWhitford.com]  
**Sent:** Friday, January 25, 2008 1:34 PM  
**To:** Jenkins, Allan (ENERGY)  
**Subject:** Ostrander Point Wind Energy Park

Hello Mr. Jenkins,

As per our phone conversation, if you could please indicate in writing for our records that the Ministry of Energy has no comments regarding Gilead Power Corporation's Ostrander Point Wind Energy Park in Prince Edward County, that would be much appreciated.

Thank you,  
Katie Easterling

---

Kathleen (Katie) Easterling  
Hon. B.Sc., Dip.  
Project Biologist  
Environmental Planning and Permitting

Jacques Whitford Ltd.  
7271 Warden Ave  
Markham ON  
L3R 5X5  
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Fax: (905) 479-9326  
[kathleen.easterling@jacqueswhitford.com](mailto:kathleen.easterling@jacqueswhitford.com)

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**Stinson, Carol**

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**From:** Mitchell, Vicki (ENE) [Vicki.Mitchell@ontario.ca]  
**Sent:** Thursday, July 31, 2008 9:24 AM  
**To:** Ostrander Point Wind Energy Park  
**Cc:** LeGrow, Marie (ENE)  
**Subject:** Cumulative impacts  
**Follow Up Flag:** Follow up  
**Flag Status:** Red

Attention: Mark Kozak

Hi Mark,

I received your July 16, 2008 letter. MOE does not have a database of public works, housing developments, roads and highways that will occur in the study area. I suggest you contact the Municipality for information on these projects.

The only wind farm in the study area for which we have received EA notices is the Royal Road Wind Farm and Ostrander Point. I am forwarding a link to a web site that includes the EA and noise reports for the Royal Road Wind Farm, previously proposed by Vision Quest but now owned by Canadian Hydro. I understand that they have issued a notice of completion as well, but have to get land use planning approvals. Again, the municipality would have information on the status of the land use planning proposal. If you have questions on how to assess the cumulative impacts of noise as part of your noise study, please contact our Noise Engineer, John Kowalewski at (416) 314-0412.

<http://www.greenenergy.com/proposed.asp?pg=royal&mi=04&bdy=0&id=proposed#>

I am forwarding some news articles that I found on the web, which list other companies that are proposing wind farms in the area. I have not received any notices of commencement for these wind farms. It appears that the municipality is aware of these proposals, and has more information on them than MOE does.

<http://www.greenenergy.com/proposed.asp?pg=royal&mi=04&bdy=0&id=proposed#>

<http://www.wind-watch.org/news/2008/07/30/county-gives-nod-to-wind-farms/>

I hope this information is helpful to you.

Vicki Mitchell  
Environmental Assessment Coordinator  
Eastern Region

(613) 540-6852

**Easterling, Kathleen**

Ministry of Municipal Affairs + Housing

**From:** Miller, Laurie (MAH) [Laurie.Miller@ontario.ca]  
**Sent:** Monday, January 28, 2008 10:47 AM  
**To:** Easterling, Kathleen  
**Cc:** Griffiths, Katie (MNR)  
**Subject:** Ostrander Point EA

Good Morning;

Thank you for providing us the opportunity to comment on the Environmental Assessment that was undertaken by Jacques Whitford on behalf of Gilead Power. The Environmental Assessment was initiated in connection with the development of a wind energy proposal known as the "Ostrander Point Wind Energy Park" in the County of Prince Edward.

Given that the Wind Energy Park is proposed to be located on Crown Land we have no comments or objections to the proposed wind energy development.

Thank you again for providing us this opportunity to comment and should you have any further questions or comments, please do not hesitate to contact me further.

**Laurie Miller, Planner**

Ministry of Municipal Affairs and Housing  
Municipal Services Office -Kingston  
8 Estate Lane - Rockwood House  
Kingston, Ontario  
K7M 9A8  
Phone: (613) 545-2121  
Toll Free: (800) 267-9438 ext. 121  
Fax: (613) 548-6822  
Email: [Laurie.Miller@Ontario.ca](mailto:Laurie.Miller@Ontario.ca)



**Stantec**

## CONTACT RECORD

**NAME(S):** Michael Elms **PROJECT NO.:** 160960369  
**REPRESENTING:** Ministry of Municipal Affairs and Housing  
**TELEPHONE:** 613-545-2132 **DATE/TIME:** October 30, 2008/11:30am  
**RE:** Cumulative Effects Assessment **RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating that she was following up with the Cumulative Effects Assessment letter sent to Mike on July 16 – wanted to ensure he had received the letter, and get an indication of when we may receive a response.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** Michael Elms **PROJECT NO.:** 160960369  
**REPRESENTING:** Ministry of Municipal Affairs and Housing  
**TELEPHONE:** 613-545-2132 **DATE/TIME:** November 7, 2008/10:30am  
**RE:** Cumulative Effects Assessment **RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating that she was following up with the Cumulative Effects Assessment letter sent to Mike on July 16, and the voicemail left on October 30. Would like to know when we may hear from them regarding this assessment.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



October 15, 2007

Corporation of the County of Prince Edward  
72 King Street  
PO Box 1670  
Picton, Ontario K0K 2T0

Attention: Brian McComb – Commissioner of Planning Services Prince Edward County

Re: Proposed Wind Power Development on Crown Land at Ostrander's Point, Township of South Marysburgh

The above noted proposal for wind power development by Gilead Power is located on Crown land at Ostrander's Point.

Please be advised that Section 71 of the Legislation Act, 2006 states: No Act or regulation binds Her Majesty or affects Her Majesty's rights or prerogatives unless it expressly states an intention to do so. 2006, c. 21, Sched. F, s. 71.

Since the Planning Act does not expressly bind the Crown, the Planning Act does not apply and thus an Official Plan and zoning by-law amendments would not be required for this application.

However, Section 3(5) of the Planning Act states: A decision of the council of a municipality, a local board, a planning board, a minister of the Crown and a ministry, board, commission or agency of the government, including the Municipal Board, in respect of the exercise of any authority that affects a planning matter,

(a) shall be consistent with the policy statements issued under subsection (1) that are in effect on the date of the decision; and

(b) shall conform with the provincial plans that are in effect on that date, or shall not conflict with them, as the case may be. 2006, c. 23, s. 5.

The proposed development of this wind farm and any related infrastructure are also subject to the Electricity Projects Regulation 116/01 under the Environmental Assessment Act. They must complete thorough public, agency and aboriginal consultation and satisfy the Environmental Assessment Act requirements.

Should you require further information, please feel free to contact this office.

Yours Truly,

A handwritten signature in cursive script that reads "Bryan Sears".

Bryan Sears  
Water Resources Coordinator  
Peterborough District  
Tel: 613-531-5735  
Fax: 613-531-5730  
E-mail: bryan.sears@ontario.ca

c.c. Jo-Anne Egan – Manager of Planning, Prince Edward County

c.c. Amanda Danto, M.P.L. Planner Bousfields Inc.

c.c. Mike Lord - Gilead Power



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51 Heakes Lane  
Kingston, Ontario  
K7M 9B1

January 14, 2008

Gilead Power Corporation  
311 George Street North  
Suite 100  
Peterborough Ontario  
K9J 3H3

Attention: Michael J. Lord

Re: Ostrander Point Wind Energy Park Environmental Assessment

At our recent pre-screening meeting in Belleville, the Ministry of Natural Resources (MNR) provided you with a package of much of our requirements for the Environmental Assessment Review. As a follow-up to this meeting I would again like to provide you with these requirements. In summary they are as follows:

1. Potential Impacts to Bats and Bat Habitat (**Draft Document**)

The purpose of this Guideline is to ensure that bats and bat habitats are considered during the review of proposed wind power projects.

The Guideline summarizes the review and approval process for wind power, and the potential impacts of wind power projects on bats. It describes relevant legislation and MNR roles and responsibilities. The Guideline outlines a detailed process for determining sensitivity of proposed wind turbine sites for bats, and identifying related information, pre-construction survey requirements, and post construction monitoring and reporting requirements.

This Guideline has been developed and reviewed by MNR, provincial bat experts, Canadian Wind Energy Association, and Environment Canada.

2. Potential Impacts to Birds and Bird Habitat

The purpose of this Guideline is to ensure that birds and bird habitats are considered during the review of proposed wind power projects. This Guideline

endorses the use of Environment Canada's bird and wind power guidance documents for environmental assessment. The Guideline describes roles and responsibilities for Ministry of Natural Resources (MNR) and Environment Canada staff, as well as outlining specific information requirements, potential impacts and mitigation measures and post construction monitoring and reporting requirements.

### 3. Potential Impacts to Fisheries **(Draft Document)**

The purpose of this guideline is to ensure that fisheries and fish habitat values are considered during the review of proposed wind power developments in or near water. This guideline describes roles and responsibilities for Ministry of Natural Resources (MNR) staff. The guideline also describes broad responsibilities of staff at Department of Fisheries and Oceans. The guideline outlines information requirements, potential impacts and mitigation measures.

4. Ontario Regulation 116/01 Electricity Projects
5. Guide to Environmental Assessment requirements for Electricity Projects
6. A Class Environmental Assessment for MNR Resource Stewardship and Facility Development Projects

Ontario Regulation 116/01 for Electricity Projects as you know is the Environmental Assessment review that you are required to undertake. We have also included our Resource Stewardship and Facility Development Projects screening requirements because they must all be addressed prior to the issuance of a Crown Lease.

7. MNR Class EA Screening Criteria: Guidelines and Definitions
8. MNR Class EA Screening Criteria
9. Record of Screening Process

Within twenty-four (24) months from the date of issue of your Notice of Commencement, you are expected to:

- Complete your environmental assessment and disposition requirements
- Complete all federal, provincial and Municipal Requirements
- Submit an application for Crown tenure (attached)

At this time we would like to advise you that MNR requires a draft of the Environmental Review Report **sixty (60) days** before the Notice of Completion of the Environmental Review Report is published.

As any or all of the components of the EA are completed, please feel free to contact us for our comments.

Yours Truly,

Original signed by Bryan Sears

Bryan Sears  
Water Resources Coordinator  
Peterborough District  
Kingston Area Office  
Tel: 613-531-5735  
Fax: 613-531-5730  
E-mail: [bryan.sears@ontario.ca](mailto:bryan.sears@ontario.ca)





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Kingston Area Office  
51 Heakes Lane  
Kingston, Ontario K7M 9B1

January 23, 2008

Jacques Whitford Limited  
7271 Warden Avenue  
Marham, ON L3R 5X5

Attention: Carla Korpijaakko, H.B.E.Sc.

Re: Ostrander Point Wind Energy Park- Project Description Review

The Ministry of Natural Resources have reviewed the above-noted Project Description and would like to offer the following comments.

<u>Section(s)</u>	<u>Comment</u>
1.5	<p>The presentation at the pre-screening meeting suggested that you are proposing to construct 2.0 MW turbines. The project description suggests 1.65 MW?</p> <p>Details will be required in regard to underground and above ground power line location, construction and mitigation.</p> <p>Detailed approaches to reclamation of disturbed lands needs to be identified. How will the area be reclaimed?</p> <p>Will soil compaction be an issue within roads or staging areas and if so how will it be dealt with.</p> <p>Layout of power lines above and below ground needs to be identified as well as how it will be connected to the grid.</p>
1.6	<p>The presentation and documentation discussed a 2% impact on the site however this does not appear to include staging areas and full road width. It would be useful to see a timeline in terms of what amount of area is disturbed at what stage of project and for how long until the area is regenerated.</p>
1.8	<p>Power cables and road trenching – what is the impact on local traffic?</p>

What size area is required for the construction and placement of the substation?

Details around distribution line will be required from site to Hydro One hook in.

Locations of culverts/bridges will be required and appropriate review conducted.

- 1.9 & 1.10 Operation, maintenance, and decommissioning. Are there any hydraulics involved? What kinds of lubricants and quantities will be on site? Is there any risk of leaks or spills? If so what is the containment and associated mitigation plan?

Should you require further clarification, please feel free to contact this office.

Yours Truly,

Original signed by:

Bryan Sears  
Water Resources Coordinator  
Peterborough District  
Tel: 613-531-5735  
Fax: 613-531-5730  
E-mail: [bryan.sears@ontario.ca](mailto:bryan.sears@ontario.ca)



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Kingston Area Office  
51 Heakes Lane  
Kingston, Ontario K7M 9B1

January 23, 2008

Jacques Whitford Limited  
7271 Warden Avenue  
Marham, ON L3R 5X5

Attention: Carla Korpijaakko, H.B.E.Sc.

Re: Ostrander Point Wind Energy Park- Project Description Review

The Ministry of Natural Resources have reviewed the above-noted Project Description and would like to offer the following comments.

**Section(s)**      **Comment**

- 1.5            The presentation at the pre-screening meeting suggested that you are proposing to construct 2.0 MW turbines. The project description suggests 1.65 MW?  
Details will be required in regard to underground and above ground power line location, construction and mitigation.  
Detailed approaches to reclamation of disturbed lands needs to be identified. How will the area be reclaimed?  
Will soil compaction be an issue within roads or staging areas and if so how will it be dealt with.  
Layout of power lines above and below ground needs to be identified as well as how it will be connected to the grid.
- 1.6            The presentation and documentation discussed a 2% impact on the site however this does not appear to include staging areas and full road width. It would be useful to see a timeline in terms of what amount of area is disturbed at what stage of project and for how long until the area is regenerated.
- 1.8            Power cables and road trenching – what is the impact on local traffic?

What size area is required for the construction and placement of the substation?

Details around distribution line will be required from site to Hydro One hook in.

Locations of culverts/bridges will be required and appropriate review conducted.

- 1.9 & 1.10 Operation, maintenance, and decommissioning. Are there any hydraulics involved? What kinds of lubricants and quantities will be on site? Is there any risk of leaks or spills? If so what is the containment and associated mitigation plan?

Should you require further clarification, please feel free to contact this office.

Yours Truly,

Original signed by:

Bryan Sears  
Water Resources Coordinator  
Peterborough District  
Tel: 613-531-5735  
Fax: 613-531-5730  
E-mail: [bryan.sears@ontario.ca](mailto:bryan.sears@ontario.ca)

**From:** Sears, Bryan (MNR) [bryan.sears@ontario.ca]  
**Sent:** Thursday, February 28, 2008 4:32 PM  
**To:** Easterling, Kathleen; Dawson, Marnie  
**Cc:** Norris, Todd (MNR); Durst, Ken (MNR)  
**Subject:** Winter Bird Survey and Spring Breeding and Fall Bird Monitoring Protocols  
**Attachments:** Winter Bird Survey Protocol and Migration and Breeding Bird Survey Protocol.doc

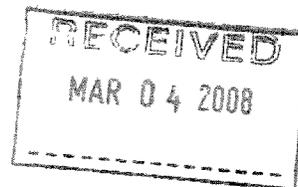
Attached is our comments related to winter bird, migration and breeding bird protocols. I have forwarded hard copies in the mail. Thanks Bryan....

Bryan Sears  
Water Resources Coordinator  
Ministry of Natural Resources  
Peterborough District  
51 Heakes Lane  
Kingston On, K7M 9B1  
Tel: 613-531-5735  
Fax: 613-531-5730  
E-mail: [bryan.sears@ontario.ca](mailto:bryan.sears@ontario.ca)



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Visit us at our website <http://www.gov.on.ca>

Call any MNR Office in Ontario for information at -  
1-800-667-1940 (English) ... or ... 1-800-667-1840 (French)  
8:30 am to 5:00 pm - Monday to Friday

Kingston Area Office  
51 Heakes Lane  
Kingston, Ontario K7M 9B1

February 25, 2008

Jacques Whitford  
Environmental Engineering Scientific  
Management Consultants  
7271 Warden Avenue  
Markham, Ontario L3R 5X5

Attention: Marnie Dawson – Project Engineer

**Re: Winter Bird Survey Protocol and the Migration and Breeding Bird Survey Protocol for Ostrander Point Wind Energy Park**

Thank you for providing this Ministry with the opportunity to comment on your protocols with respect to winter bird surveys and migration and breeding bird surveys. After review we offer the following comments and recommendations.

**WINTER BIRD SURVEY PROTOCOL**

- The protocol describes methods to be followed for January and February 2008.
- Your report indicates that you will conduct one (1) site visit in January and two (2) site visits in February to assess winter bird activity. We feel that this is inadequate, particularly from a raptor standpoint, as use of specific areas by raptors can be quite variable from one day to the next. We request that you conduct at least four (4) site visits per month (i.e. once per week) spanning from Dec. 20 to March 20. The rationale is that one or two days total will not elicit the greatest percentage of bird species or numbers of birds that may be using the site.
- The report indicates that staff will walk transects along the roads and note birds that are seen or heard. We recommend that in addition to walking transects, you also need to sample within the shrub lands and forested areas where you will undoubtedly encounter other species. (Use of this more traditional Area Search method will increase total species coverage). Wintering owls will often roost in heavy cover areas (cedars and other trees) and many small birds will also inhabit such cover as well. These may not be addressed if you strictly walk transects.
- We would request that the data be collected as described in Environment Canada's Recommended Protocols for Monitoring Impacts of Wind Turbines on Birds document.

We also request that the data collected be analyzed and mapped to show specific areas of significance related to species and/or abundance data.

### BREEDING SURVEY PROTOCOL

- While it is stated that Jacques Whitford undertook breeding bird surveys in May and June 2006, exact dates are not listed. The report later refers to only two (2) day visits in June and one (1) night visit in May. The night-time visit was mainly to assess for the presence of Henslow's Sparrows. The diurnal surveys involved area searches and point counts, however the number and layout of points is not specified. Point counts of three (3) minute duration were carried out. As per Environment Canada's guidelines, for more site specific surveys such as this, ten (10) minute point counts should ideally be undertaken. These point counts should be spread throughout the wind farm area and should appropriately assess each major habitat type on site. By conducting surveys in this fashion, a more complete population assessment would be captured and would assess populations that may be more difficult to monitor.
- The two diurnal visits in June do not in our opinion represent sufficient survey effort for this site (see EC Guidelines). Breeding season surveys should extend throughout the main breeding season, from late May to early July. Multiple visits increase the chance of detecting more species (EC Guidelines) and making better assessments of numbers. Point count stations should be surveyed at least twice (and preferably more) within the late May to early July window. Stations should number approximately twenty (20) per main habitat type (or as spacing allows between count points) and some also situated to assess impacts from proposed infrastructure. Similarly, Area Search efforts should involve several days throughout this period and should sample all habitats present at various times of the day. Bird species presence, abundance estimates and areas of wildlife significance should be projected and mapped. As well, habitat descriptions should accompany bird data collected.

### SPRING AND FALL MIGRATION PROTOCOL

- Consists of both Stopover Counts and Passage Migration Counts.
- Stopover Counts should involve (as per EC guidelines) walking transects two (2) times per week for approximately four (4) hours each time to allow for sampling of the major habitats.
- Passage Migration sampling points should be identified with reasoning as to their selection. E.g. view of turbine locations or areas deemed to be prone to impacts from farm design.
- Both count types should be sampled throughout the spring and fall. We recommend increasing sampling as follows:
  - one (1) day per week from mid March to mid April and two (2) days per week from mid April to late May.
  - two (2) days per week from early September to late November should be carried out in good migration weather.

- As per Environment Canada's protocol, daily survey periods for Passage Migration counts should extend from 9am until 3pm for a six (6) hour duration divided into one (1) hour survey blocks.

Once again thank you for providing the protocols to us for our review. We trust that the above comments and recommendations will assist you in completing the above noted surveys. Should you require additional information, please feel free to contact me at this office.

Yours truly,

A handwritten signature in black ink, appearing to read "Bryan Sears", with a long horizontal flourish extending to the right.

Bryan Sears  
Water Resources Coordinator  
Phone 613-531-5735  
Fax 613-531-5730  
bryan.sears@ontario.ca



**From:** Wyatt, Valerie

**Sent:** Tuesday, July 15, 2008 12:40 PM

**To:** 'Sears, Bryan (MNR)'

**Cc:** Norris, Todd (MNR); Durst, Ken (MNR); marnie.oliver@gileadpower.com

**Subject:** RE: Gilead Ostrander Point Wind Energy Project - Bat Program

Hello Bryan,

Thank you for your comments. I discussed this with the Acadia radar study contact, and there have been some refinements to the acoustic portion of the proposed study since the work program was prepared:

- Two Binary-Acoustic detectors will be elevated on the MET tower, located in the centre of the site. I have asked that these be placed at two different elevations; at least one, and possibly both, will be more than 30 m above the ground.
- The acoustic detectors will be installed this week; data collection should begin no later than the beginning of next week.

Regarding the addition of acoustic sites, it will not be possible to significantly elevate detectors anywhere else on the subject lands. I am not sure of the value of ground-based detectors as it relates to the Environmental Assessment; although such a detector would provide information on bat activity within 20-30 m of the ground, it would not be relevant to assess risk to animals in the blade sweep area 40-120 m above the ground. As well, I note that the MNR guidelines provide consideration of a reduced number of acoustic survey stations on sites where a radar study provides broad site coverage (p. 16), and that the habitat on the subject lands is quite uniform. Accordingly, I believe that the two detectors elevated at the central location, in conjunction with the radar, will provide sufficient information to assess collision risk to bats.

I look forward to your response in light of this additional information. Thank you!

Valerie

**Valerie Wyatt, M.Sc.**

Senior Project Manager

Stantec

361 Southgate Drive

Guelph ON N1G 3M5

Ph: (519) 836-6050 Ext. 237

Fx: (519) 836-2493

valerie.wyatt@stantec.com

**stantec.com**

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Ü Please consider the environment before printing this email.

---

**From:** Sears, Bryan (MNR) [mailto:bryan.sears@ontario.ca]  
**Sent:** Tuesday, July 15, 2008 10:13 AM  
**To:** Wyatt, Valerie  
**Cc:** Norris, Todd (MNR); Durst, Ken (MNR)  
**Subject:** FW: Gilead Ostrander Point Wind Energy Project - Bat Program

Hi Valerie: Thank you for clarifying the number of units presently operating. As I understand it, one unit is operating at Ostrander Point and the other unit is located on private land at the bird observatory.

MNR would like to see additional acoustic monitoring sites in order to more thoroughly assess bat species presence across habitats at the site as per MNR bat guidelines.

Height of the acoustic microphones should ideally be increased as well as per guidelines.

As per the guidelines, we recommend that fall migration monitoring begin in mid July.

Should you require additional information please feel free to contact us. Thanks Bryan....

---

**From:** Sears, Bryan (MNR)  
**Sent:** June 24, 2008 1:28 PM  
**To:** Norris, Todd (MNR)  
**Cc:** Durst, Ken (MNR)  
**Subject:** FW: Gilead Ostrander Point Wind Energy Project - Bat Program

Todd: Any comments for Valerie related to the protocol?

---

**From:** Wyatt, Valerie [mailto:valerie.wyatt@stantec.com]  
**Sent:** June 24, 2008 12:42 PM  
**To:** Sears, Bryan (MNR); Norris, Todd (MNR)  
**Cc:** Cushing, Julia; Durst, Ken (MNR)  
**Subject:** Gilead Ostrander Point Wind Energy Project - Bat Program

Hello Bryan and Todd,

As you are both aware, Gilead has engaged Acadia University to conduct a radar study of spring and fall nocturnal migration at their Ostrander Point wind project in Prince Edward County. Todd and Katie Griffiths participated in a conference call on the subject on March 20, 2008. The study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with the radar. The radar and acoustic units were sited in consultation with MNR, and are located approximately 200 m south of the existing met tower.

The purpose of this email is to forward the detailed protocol and ensure that MNR is satisfied with the proposed study, particularly as it relates to MNR's draft Guidelines to Assist in the Review of Wind Power Proposals: Potential Impacts to Bats and Bat Habitats. Attached is Acadia's description of the proposed work. Please note that it suggests the fall migration monitoring period will start in early August. I have suggested that for bats, it would be more appropriate to start in mid-July. Accordingly, if you do have any comments regarding the timing or the protocol, could you please forward them to me before that date.

Thank you very much. Please don't hesitate to contact me should you have any questions or concerns.  
Valerie

**Valerie Wyatt, M.Sc.**  
Senior Project Manager  
Stantec  
361 Southgate Drive  
Guelph ON N1G 3M5  
Ph: (519) 836-6050 Ext. 237  
Fx: (519) 836-2493  
valerie.wyatt@stantec.com

[stantec.com](http://stantec.com)

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 Please consider the environment before printing this email.

**Stinson, Carol**

---

**From:** Sears, Bryan (MNR) [bryan.sears@ontario.ca]  
**Sent:** Wednesday, June 25, 2008 2:40 PM  
**To:** Cushing, Julia  
**Cc:** Laplante, Melissa (MNR); Norris, Todd (MNR)  
**Subject:** RE: Ostrander Point Wind Energy Park - Sensitive Species/Sensitive Areas  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** OSTRANDER WIND FARM COMMENTS NOV 14 07 (2).doc; map.pdf

Julia: As per your request I have attached a Natural Heritage Review. This is for the proposed wind farm development area only and does not include the transmission line route. Also attached is a map outlining known NHIC species occurrences as well as Ansi's and wetlands for the area. If you need any assistance regarding the element occurrences, please contact Melissa. Hopefully this is helpful. Bryan...

Bryan Sears  
Water Resources Coordinator  
Ministry of Natural Resources  
Peterborough District  
51 Heakes Lane  
Kingston On, K7M 9B1  
Tel: 613-531-5735  
Fax: 613-531-5730  
E-mail: bryan.sears@ontario.ca

---

**From:** Cushing, Julia [mailto:Julia.Cushing@stantec.com]  
**Sent:** June 20, 2008 11:57 AM  
**To:** Sears, Bryan (MNR)  
**Cc:** Kozak, Mark  
**Subject:** Ostrander Point Wind Energy Park - Sensitive Species/Sensitive Areas

Good morning Bryan,

sorry I missed your call, I had just stepped away from my desk. Thanks for getting back to me so quickly. We are currently compiling background information for the Ostrander Point Wind Energy Park study area to be used in the environmental review, I have attached a PDF of the study area for your reference.

We're looking for any information regarding sensitive species or sensitive areas within the study area, and along the 44kV transmission line route.

Thank you for your help,

Julia

**Julia Cushing, B.E.S., Dip. EA**  
Environmental Scientist  
Stantec  
361 Southgate Drive  
Guelph ON N1G 3M5  
Ph: (519) 836-6050 Ext. 262  
Fx: (519) 836-2493

Cell: (519) 766-7214  
jcushing@stantec.com

[stantec.com](http://stantec.com)

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 Please consider the environment before printing this email.

**Subject:** FW: Ostrander Point Wind Energy Park

---

**From:** Sears, Bryan (MNR) [mailto:bryan.sears@ontario.ca]  
**Sent:** Tuesday, July 29, 2008 11:14 AM  
**To:** Cushing, Julia  
**Subject:** RE: Ostrander Point Wind Energy Park

**Aquatic/Fisheries Features:**

There are a number of watercourses that cross the subject site as well as along the location of the proposed transmission line. The thermal status of these watercourses is unknown. Fisheries assessments are recommended to determine the thermal regimes of these watercourses and what timing restrictions may be required.

Bryan Sears  
Water Resources Coordinator  
Ministry of Natural Resources  
Peterborough District  
51 Heakes Lane  
Kingston On, K7M 9B1  
Tel: 613-531-5735  
Fax: 613-531-5730  
E-mail: bryan.sears@ontario.ca

---

**From:** Cushing, Julia [mailto:Julia.Cushing@stantec.com]  
**Sent:** July 29, 2008 10:13 AM  
**To:** Sears, Bryan (MNR)  
**Cc:** Kozak, Mark  
**Subject:** FW: Ostrander Point Wind Energy Park

Hello Bryan,

as a follow up to the email I sent you on July 15, have you had any luck finding information regarding historical fish catch sample records and thermal regimes of watercourses either within our study area, or along the 44kV transmission line route?

Thanks Bryan,

Julia

---

**From:** Wyatt, Valerie

**Sent:** Tuesday, July 15, 2008 12:40 PM

**To:** 'Sears, Bryan (MNR)'

**Cc:** Norris, Todd (MNR); Durst, Ken (MNR); marnie.oliver@gileadpower.com

**Subject:** RE: Gilead Ostrander Point Wind Energy Project - Bat Program

Hello Bryan,

Thank you for your comments. I discussed this with the Acadia radar study contact, and there have been some refinements to the acoustic portion of the proposed study since the work program was prepared:

- Two Binary-Acoustic detectors will be elevated on the MET tower, located in the centre of the site. I have asked that these be placed at two different elevations; at least one, and possibly both, will be more than 30 m above the ground.
- The acoustic detectors will be installed this week; data collection should begin no later than the beginning of next week.

Regarding the addition of acoustic sites, it will not be possible to significantly elevate detectors anywhere else on the subject lands. I am not sure of the value of ground-based detectors as it relates to the Environmental Assessment; although such a detector would provide information on bat activity within 20-30 m of the ground, it would not be relevant to assess risk to animals in the blade sweep area 40-120 m above the ground. As well, I note that the MNR guidelines provide consideration of a reduced number of acoustic survey stations on sites where a radar study provides broad site coverage (p. 16), and that the habitat on the subject lands is quite uniform. Accordingly, I believe that the two detectors elevated at the central location, in conjunction with the radar, will provide sufficient information to assess collision risk to bats.

I look forward to your response in light of this additional information. Thank you!

Valerie

**Valerie Wyatt, M.Sc.**

Senior Project Manager

Stantec

361 Southgate Drive

Guelph ON N1G 3M5

Ph: (519) 836-6050 Ext. 237

Fx: (519) 836-2493

valerie.wyatt@stantec.com

**stantec.com**

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**From:** Sears, Bryan (MNR) [mailto:bryan.sears@ontario.ca]  
**Sent:** Tuesday, July 15, 2008 10:13 AM  
**To:** Wyatt, Valerie  
**Cc:** Norris, Todd (MNR); Durst, Ken (MNR)  
**Subject:** FW: Gilead Ostrander Point Wind Energy Project - Bat Program

Hi Valerie: Thank you for clarifying the number of units presently operating. As I understand it, one unit is operating at Ostrander Point and the other unit is located on private land at the bird observatory.

MNR would like to see additional acoustic monitoring sites in order to more thoroughly assess bat species presence across habitats at the site as per MNR bat guidelines.

Height of the acoustic microphones should ideally be increased as well as per guidelines.

As per the guidelines, we recommend that fall migration monitoring begin in mid July.

Should you require additional information please feel free to contact us. Thanks Bryan....

---

**From:** Sears, Bryan (MNR)  
**Sent:** June 24, 2008 1:28 PM  
**To:** Norris, Todd (MNR)  
**Cc:** Durst, Ken (MNR)  
**Subject:** FW: Gilead Ostrander Point Wind Energy Project - Bat Program

Todd: Any comments for Valerie related to the protocol?

---

**From:** Wyatt, Valerie [mailto:valerie.wyatt@stantec.com]  
**Sent:** June 24, 2008 12:42 PM  
**To:** Sears, Bryan (MNR); Norris, Todd (MNR)  
**Cc:** Cushing, Julia; Durst, Ken (MNR)  
**Subject:** Gilead Ostrander Point Wind Energy Project - Bat Program

Hello Bryan and Todd,

As you are both aware, Gilead has engaged Acadia University to conduct a radar study of spring and fall nocturnal migration at their Ostrander Point wind project in Prince Edward County. Todd and Katie Griffiths participated in a conference call on the subject on March 20, 2008. The study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with the radar. The radar and acoustic units were sited in consultation with MNR, and are located approximately 200 m south of the existing met tower.

The purpose of this email is to forward the detailed protocol and ensure that MNR is satisfied with the proposed study, particularly as it relates to MNR's draft Guidelines to Assist in the Review of Wind Power Proposals: Potential Impacts to Bats and Bat Habitats. Attached is Acadia's description of the proposed work. Please note that it suggests the fall migration monitoring period will start in early August. I have suggested that for bats, it would be more appropriate to start in mid-July. Accordingly, if you do have any comments regarding the timing or the protocol, could you please forward them to me before that date.

Thank you very much. Please don't hesitate to contact me should you have any questions or concerns.  
Valerie

**Valerie Wyatt, M.Sc.**  
Senior Project Manager  
Stantec  
361 Southgate Drive  
Guelph ON N1G 3M5  
Ph: (519) 836-6050 Ext. 237  
Fx: (519) 836-2493  
valerie.wyatt@stantec.com

[stantec.com](http://stantec.com)

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Ministry of  
Natural  
Resources

Ministère des  
Richesses  
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SEP 1 2008

Visit us at our website <http://www.gov.on.ca>

Call any MNR Office in Ontario for information at -  
1-800-667-1940 (English) ... or ... 1-800-667-1840 (French)  
8:30 am to 5:00 pm - Monday to Friday

Kingston Area Office  
51 Heakes Lane  
Kingston, Ontario K7M 9B1

August 27, 2008

Stantec Consulting Limited  
361 Southgate Drive  
Guelph, Ontario  
N1G 3M5

Attention: Mark Kozak

Re: Cumulative Effects Considerations  
Ostrander Point Wind Energy

Thank-you for your letter of July 16, 2008 regarding cumulative effects considerations within the expanded cumulative effects study area as indicated on the map that you provided.

Currently there are three applications for wind power on Crown land that partially fall within the area indicated on your map. Of the three application's, two are offshore and one is onshore. The onshore application falls partially within your study area.

All three applications are in the wind testing stage and we have not been notified of the proposed size or schedule for these projects, much of which will be determined through an Environmental Assessment. To view the three applications as to their exact location in relationship to your study area, please refer to the Ministry of Natural Resources Extranet Site.

Should you require additional information, please feel free to contact this office.

Yours Truly,

A handwritten signature in cursive script that reads "Bryan Sears".

Bryan Sears  
Water Resources Coordinator  
Phone: 613-531-5735  
Fax: 613-531-5730  
[bryan.sears@ontario.ca](mailto:bryan.sears@ontario.ca)



**Stantec**

## CONTACT RECORD

**NAME(S):** Peter Makula **PROJECT NO.:** 160960369  
**TELEPHONE:** 613-545-4754 **REPRESENTING:** Ministry of Transportation  
**RE:** Cumulative Effects Assessment **DATE/TIME:** October 30, 2008/11:30am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating that she was following up with the Cumulative Effects Assessment letter sent to Peter on July 16 – wanted to ensure he had received the letter, and get an indication of when we may receive a response.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** Peter Makula **PROJECT NO.:** 160960369  
**TELEPHONE:** 613-545-4754 **REPRESENTING:** Ministry of Transportation  
**RE:** Cumulative Effects Assessment **DATE/TIME:** November 7, 2008/10:46am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC spoke with Peter to follow up with the voicemail she left and the letter sent on July 16
- Peter said we'll receive their response by the end of the week of November 10

NO.	FOLLOW-UP TASK	TIMING	BY	DONE

---

**From:** Lindsay, Julius (ORC) [Julius.Lindsay@ontariorealty.ca]  
**Sent:** Monday, June 09, 2008 11:35 AM  
**To:** Ostrander Point Wind Energy Park  
**Subject:** Ostrander Point Wind Energy Park  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** Ostrander wind project.pdf

Please See Attached.

Julius Lindsay  
Reporting Specialist  
Professional Services  
Ontario Realty Corporation

NB Effective immediately our address will be :  
1 Dundas Street West, Suite 2000  
Toronto, Ontario M5G 2L5

New e-mail address will be julius.lindsay@ontariorealty.ca Please update your records immediately.

 please consider the environment before printing this e-mail.

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**Stantec**

## CONTACT RECORD

**NAME(S):** John MacKenzie **PROJECT NO.:** 160960369  
**TELEPHONE:** 416-327-3724 **REPRESENTING:** ORC  
**RE:** Cumulative Effects Assessment **DATE/TIME:** October 30, 2008/11:30am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating that she was following up with the Cumulative Effects Assessment letter sent to John on July 16 – wanted to ensure he had received the letter, and get an indication of when we may receive a response.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** Julius Lindsay **PROJECT NO.:** 160960369  
**TELEPHONE:** 416-327-2768 **REPRESENTING:** ORC  
**RE:** Cumulative Effects Assessment **DATE/TIME:** October 30, 2008/12:11 pm  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating that she was following up with the Cumulative Effects Assessment letter sent on July 16 – wanted to ensure he had received the letter, and get an indication of when we may receive a response.
- JC also indicated in her voicemail that they had received a letter from the ORC indicating that no ORC lands are within their Study Area, and a request to be removed from the contact list; however, this request is for the possibility of future developments.
- Julius' voicemail indicated he would be on vacation until November 11, at which point he will return phone calls

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

<b>NAME(S):</b>	Christine Burden	<b>PROJECT NO.:</b>	160960369
		<b>REPRESENTING:</b>	MPAC
<b>TELEPHONE:</b>	613-392-2506 X200	<b>DATE/TIME:</b>	04 June/08 – 1:00pm
<b>RE:</b>	Ostrander Point Wind Energy Park	<b>RECORDED BY:</b>	Julia Cushing

CALL RECEIVED

CALL PLACED

MEETING

### NOTES:

- JC called to inquire about the status of the request to obtain the municipal tax assessment roll for the townships of South Marysburgh and Hillier.
- JC noted that in their last conversation, CB had said she would look into the request at their head office and get back to JC by 02 or 03 June
- CB said she received an email from the head office stating that they still working on the request, and that similar information has been released in the past for a hydro project
- CB said the head office will require an agreement to be signed prior to releasing the information
- JC said that in the original request Stantec sent, we noted the importance of the information and stated that we would only use it for the project, and would not be releasing it to other parties
- CB said that the head office has that email, and they are aware of this
- JC asked how if CB was aware of any timelines and if she knew how long this request may take
- CB said hopefully the request will be processed within one month
- JC said we sent the original request 3 weeks ago, and had hoped to be able to use the list to send property owner a Notice we sent on the 20<sup>th</sup>, but since that has passed, we'll be sending out another Notice sometime in June and would like to include all property owners on that mailout
- CB said she would call the head office and get back to JC today with an estimated date of when the request will be processed
- CB called back at 1:30 and said that under Section 32 – Subsection E of the Municipal Protection and Privacy Act – they can release the tax assessment roll to us if we are required to obtain it by legislation or a regulation
- Stantec/Gilead will have to send an authority letter to MPAC before they can release the assessment roll to us
- CB suggested we try going through Prince Edward County to obtain the information



**Stantec**

## CONTACT RECORD

- JC stated that we started with PEC; however, we were told we could come in to compile our own list from the information, and when we made arrangements to do so, we were told that we were not permitted to photocopy the information
- CB confirmed that we are not allowed to photocopy the information, but we can write out the information
- It was decided that JC would look into CB's requirement and get back to her

NO.	FOLLOW-UP TASK	TIMING	BY	DONE

---

**From:** DIANNE MCQUAID [MCQUAIDI@mpac.ca]  
**Sent:** Thursday, May 15, 2008 2:44 PM  
**To:** Cushing, Julia  
**Subject:** Re: Municipal Tax Assessment Roll - South Marysburgh and Hillier Township

Julia,

I just wanted to confirm with you that I did receive your email, now we now that works. I am going to be on vacation until the 22nd of May but I am forwarding this request to my manager so that she can find an answer either for you or for me to send to you.

Thanks

Dianne M McQuaid  
Municipal Relations Assistant-Zone 4  
Municipal Property Assessment Corporation  
Phone (613) 392-2506 ext 203  
Toll Free: 1-877-474-1224 ext 203  
Email: mcquaidi@mpac.ca  
www.mpac.ca

>>> "Cushing, Julia" <Julia.Cushing@stantec.com> Thursday, May 15, 2008 >>>  
Good afternoon,

As per our phone conversation this morning, I am writing to inquire about obtaining the tax assessment rolls for South Marysburgh Township and Hillier Township.

Gilead Power Corporation has retained Stantec Consulting Ltd. to prepare an Environmental Assessment for the Ostrander Point Wind Energy Park proposed to be located in South Marysburgh Township, Prince Edward County. As part of the ongoing stakeholder consultation process, in accordance with Ontario Regulation 116/01 of the Environmental Assessment Act, we will be mailing the attached Notice to stakeholders who are currently on our contact list, as well as publishing the Notice in four local newspapers. We are also using unaddressed airmail to mail the Notice to all residences within South Marysburgh.

However, as there are a number of Township landowners that live elsewhere or who have a permanent residence and mailing address outside the Township, we would like to ensure that all property owners are kept informed of Project developments, and thus have an opportunity to participate in the stakeholder consultation process. Therefore, obtaining the municipal tax assessment roll will enable us to ensure that all property owners within the Township receive the attached notice by mail, even if their permanent home and mailing address is outside of the Township. For your information, please find attached the letter and Notice we would like to send to the property owners on the municipal tax assessment roll. Similar to the project in South Marysburgh, Stantec is also beginning the work for another project in Hillier Township.

Stantec and Gilead Power understands the importance of this information and commits to using it only for purposes of completing the required environmental assessments under the Environmental Assessment Act. We will not distribute or provide the assessment rolls to other individuals or parties.

In this regard, we are hoping to obtain a photocopy of the assessment rolls from the two Townships.

Your earliest assistance with this request would be most appreciated. Please feel free to call or write if you have any questions.

12/12/2008

Kind regards,

Julia

**Julia Cushing, B.E.S., Dip. EA**

Environmental Scientist

Stantec

361 Southgate Drive

Guelph ON N1G 3M5

Ph: (519) 836-6050 Ext. 262

Fx: (519) 836-2493

Cell: (519) 766-7214

jcushing@stantec.com

[stantec.com](http://stantec.com)

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**Stantec**

## CONTACT RECORD

**NAME(S):** Diane McQuaide **PROJECT NO.:** 160960369  
**TELEPHONE:** 613-392-2506 X203 **REPRESENTING:** MPAC  
**RE:** Ostrander Point Wind Energy Park **DATE/TIME:** 23 May 2008/2:00pm  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC called to inquire about the status of the request to obtain the municipal tax assessment roll for the townships of South Marysburgh and Hillier.
- DM said that she has sent the request to her manager and onto the production department to find out if it's possible to send us the list, and to find out any associated costs
- DM provided JC with her manager's contact information:
- Christine Burden phone number 613-392-2506 X 200; email [burdench@mpac.ca](mailto:burdench@mpac.ca)

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** Christine Burden **PROJECT NO.:** 160960369  
**TELEPHONE:** 613-392-2506 X200 **REPRESENTING:** MPAC  
**RE:** Ostrander Point Wind Energy Park **DATE/TIME:** 30May 2008/10:31am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC called to inquire about the status of the request to obtain the municipal tax assessment roll for the townships of South Marysburgh and Hillier.
- CB said she passed the request onto the head office, still waiting to hear from them
- They are trying to work out how to release the roll to us, if they were to reproduce it, the cost would be quite high, they probably wont release it electronically as they are quite guarded with that information
- She will look into her request and call JC back early next week

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** \_\_\_\_\_ **PROJECT NO.:** 160960369  
\_\_\_\_\_  
**REPRESENTING:** Prince Edward County  
**TELEPHONE:** \_\_\_\_\_ **DATE/TIME:** May 15, 2008  
**RE:** Municipal Tax Assessment **RECORDED BY:** JC  
Roll

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC called to let the County office know that Stantec employees would be coming to the office to copy out the tax assessment roll, and JC had been informed that they do not have the roll electronically, so it couldn't be emailed to Stantec
- JC was now informed by the County office that the roll could not be photocopied, the roll could be used to compile our own list, but it could not be photocopied
- JC asked if there was anyone else she could speak to about this matter, she was referred to Diane McQuaid at MPAC

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** Steven Carrol **PROJECT NO.:** 160960369  
**TELEPHONE:** 613-393-2011 x28 **REPRESENTING:** Prince Edward County  
**RE:** Cumulative Effects Assessment **DATE/TIME:** October 30, 2008/12:19 pm  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC indicated she was calling regarding the Cumulative Effects Assessment letter sent to the public works department on July 25, 2008, following up regarding whether the public works department had received the letter and when we may hear from them
- SC indicated the information would be coming from the planning department, he will respond with an official letter when he returns from vacation

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** JoAnn Egan **PROJECT NO.:** 160960369  
**TELEPHONE:** (613) 476-3880 **REPRESENTING:** Prince Edward County  
**RE:** Cumulative Effects Assessment **DATE/TIME:** October 30, 2008/12:15 pm  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating that she was following up with the Cumulative Effects Assessment letter sent on July 16 – wanted to ensure he had received the letter, and get an indication of when we may receive a response.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** JoAnn Egan **PROJECT NO.:** 160960369  
**TELEPHONE:** (613) 476-3880 **REPRESENTING:** Prince Edward County  
**RE:** Cumulative Effects Assessment **DATE/TIME:** November 3, 2008/3:30 pm  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating she was following up on the message she left on October 31 regarding the cumulative effects assessment letter she sent JoAnn on July 16.
- Asked JoAnn to return her phone call.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** JoAnn Egan **PROJECT NO.:** 160960369  
**TELEPHONE:** (613) 476-3880 **REPRESENTING:** Prince Edward County  
**RE:** Cumulative Effects Assessment **DATE/TIME:** November 7, 2008/10:49 pm  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating she was following up on the voice messages she left regarding the cumulative effects assessment letter she sent JoAnn on July 16.
- Asked JoAnn to return her phone call.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** JoAnn Egan **PROJECT NO.:** 160960369  
**TELEPHONE:** (613) 476-3880 **REPRESENTING:** Prince Edward County  
**RE:** Cumulative Effects Assessment **DATE/TIME:** November 13, 2008/11:30 am  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail indicating she was following up on the voice messages she left regarding the cumulative effects assessment letter she sent JoAnn on July 16.
- Asked JoAnn to return her phone call.

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



**Stantec**

## CONTACT RECORD

**NAME(S):** Ryan Leery **PROJECT NO.:** 160960369  
**TELEPHONE:** (613) 476-3880 **REPRESENTING:** Prince Edward County  
**RE:** Cumulative Effects Assessment **DATE/TIME:** November 25, 2008/3:00pm  
**RECORDED BY:** Julia Cushing

**CALL RECEIVED**

**CALL PLACED**

**MEETING**

### NOTES:

- JC left a voicemail requesting information on development projects within the County as we are currently conducting a cumulative effects assessment for the Ostrander Point Wind Energy Park

NO.	FOLLOW-UP TASK	TIMING	BY	DONE



*Moira River, Napanee Region and Prince Edward Region Conservation Authorities*

# Quinte Conservation

R.R. #2 2061 Old Highway #2  
Belleville, Ontario  
K8N 4Z2

Phone: 968-3434 Fax: 968-8240  
Email: [quinteconservation@quinteconservation.ca](mailto:quinteconservation@quinteconservation.ca)  
Website: [www.quinteconservation.ca](http://www.quinteconservation.ca)

January 17, 2008

**DELIVERED BY HAND**

Marnie Dawson, B.Sc.  
Project Manager  
Jacques Whitford  
7271 Warden Avenue  
Markham, ON  
L3R 5X5

**Re: Proposed Wind Energy Park (Project)  
Ostrander Point Crown Land Block  
Environmental Assessment Study  
Your Project No.: 1007732.02**

Further to the pre-screening meeting held on December 18, 2008 with several other government agencies, we would like to offer the following comments on the above noted proposal.

1. We understand that wind towers will be located entirely on the Crown land block (Ostrander Point) within Prince Edward County. As such, we understand that the Ministry of Natural Resources will be the lead review agency for the project. In addition, we understand that the Department of Fisheries and Oceans will be directly involved with the determination of any harmful alteration, disruption or destruction (HADD) of fish habitat on the Crown land block.
2. For your information, Quinte Conservation (Prince Edward Region Conservation Authority) regulates the watercourses and wetlands on private or Municipal lands within the study area (by virtue of Ontario Regulation #173/06 - Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses). The applicant will need to apply to the Conservation Authority for a permit prior to site grading or development (construction) within 30 metres of any watercourses on private or Municipal lands (eg. upgrading of Municipal roads to accommodate the transportation of materials or equipment to the site). Through the permit application process, the Authority will identify any potential concerns associated with any natural hazards on the subject lands, and review the permit application in light of Regulation #173/06 and Authority policies before deciding to issue or deny the permit. In addition, the Federal Fisheries Act may apply to the subject lands. Should alterations be proposed, the applicant should contact the Conservation Authority to review the proposal for a harmful alteration, disruption or destruction of fish habitat.

3. We suggest that any infrastructure associated with the development be located outside of an appropriate buffer from the South Bay Provincially Significant Coastal Wetland.
4. In addition, we would like to suggest that any infrastructure be located outside of the 1:100 year flood plain of Lake Ontario (75.7 metres GSC), plus an allowance for wave uprush (0.4 metres).
5. Quinte Conservation does not have any reports, mapping or inventories for the Ostrander Point lands, nor the surrounding area.
6. Quinte Conservation would appreciate a copy of the final Environmental Assessment document for our records.

Should you require any further information regarding this matter, please contact the undersigned.

Sincerely,



Tim Trustham  
Planner/Ecologist

- c. Jo-anne Egan, Manager, Prince Edward County Planning Department  
Jim Beal, Ontario Ministry of Natural Resources



*Moira River, Napanee Region and Prince Edward Region Conservation Authorities*

# Quinte Conservation

R.R. #2 2061 Old Highway #2  
Belleville, Ontario  
K8N 4Z2

Phone: 968-3434 Fax: 968-8240  
Email: [quinteconservation@quinteconservation.ca](mailto:quinteconservation@quinteconservation.ca)  
Website: [www.quinteconservation.ca](http://www.quinteconservation.ca)

June 03, 2008

VIA FAX

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON  
N1G 3M5

**Re: Proposed Ostrander Point Wind Energy Park  
Ostrander Point Crown Land Block**

Further to your letter (dated May 20, 2008) requesting information regarding the environmental features within the study area and route of the proposed transmission line which would service the Ostrander Point Wind Energy Park, we would like to offer the following comments on the above noted proposal.

1. We understand that wind towers will be located entirely on the Crown land block (Ostrander Point) within Prince Edward County. As such, we understand that the Ministry of Natural Resources will be the lead review agency for the project. In addition, we understand that the Department of Fisheries and Oceans will be directly involved with the determination of any harmful alteration, disruption or destruction (HADD) of fish habitat on the Crown land block.
2. Quinte Conservation (Prince Edward Region Conservation Authority) regulates the watercourses and wetlands on private or Municipal lands within the study area (by virtue of Ontario Regulation #173/06 - Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses). The applicant will need to apply to the Conservation Authority for a permit prior to site grading or development (construction) within 30 metres of any watercourses on private or Municipal lands (eg. upgrading of Municipal roads to accommodate the transportation of materials or equipment to the site). Through the permit application process, the Authority will identify any potential concerns associated with any natural hazards on the subject lands, and review the permit application in light of Regulation #173/06 and Authority policies before deciding to issue or deny the permit. In addition, the Federal Fisheries Act may apply to the subject lands. Should alterations be proposed, the applicant should contact the Conservation Authority to review the proposal for a harmful alteration, disruption or destruction of fish habitat.

3. We suggest that any infrastructure associated with the development be located outside of an appropriate buffer from the South Bay Provincially Significant Coastal Wetland.
4. In addition, we would like to suggest that any infrastructure be located outside of the 1:100 year flood plain of Lake Ontario (75.7 metres GSC), plus an allowance for wave uprush (0.4 metres).
5. Quinte Conservation does have any reports, mapping or inventories for the Ostrander Point lands.
6. It appears that the proposed transmission line may traverse a portion of the South Bay Provincially Significant Wetland, and would traverse several watercourse features, in addition to the Black Creek Vally Area of Natural Scientific Interest. Further information (ie. natural heritage values, fisheries) may be obtained from the Kingston area office of the Ministry of Natural Resources.
7. Quinte Conservation would appreciate a copy of the final Environmental Assessment document for our records.

Should you require any further information regarding this matter, please contact the undersigned.

Sincerely,



Tim Trustham  
Planner/Ecologist

c. Jo-anne Egan, Manager, Prince Edward County Planning Department

**Stinson, Carol**

---

**From:** Tim Trustham [ttrustham@quinteconservation.ca]  
**Sent:** Friday, July 11, 2008 3:00 PM  
**To:** Cushing, Julia  
**Subject:** RE: Ostrander Point Wind Energy Park

Sorry, we have no data for either fish community or thermal regime.

Tim Trustham  
Planner/Ecologist  
Quinte Conservation  
RR#2,  
2061 Old Hwy #2  
Belleville, Ontario  
K8N 4Z2  
Phone: (613) 968-3434 x 110  
Fax: (613) 968-8240  
ttrustham@quinteconservation.ca  
[www.quinteconservation.ca](http://www.quinteconservation.ca)

## Celebrating 60 Years of Conservation 1947-2007

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**From:** Cushing, Julia [mailto:Julia.Cushing@stantec.com]  
**Sent:** 11 July 2008 14:55  
**To:** Tim Trustham  
**Cc:** Kozak, Mark  
**Subject:** RE: Ostrander Point Wind Energy Park

Hello Tim,

thank you for replying to my email so quickly. I would just like to verify that the historical fisheries records your refer to includes historical fish catch data (I assume it does), as well as thermal regimes.

Thank you again for your help,

Julia

---

**From:** Tim Trustham [mailto:ttrustham@quinteconservation.ca]  
**Sent:** Friday, July 11, 2008 2:49 PM  
**To:** Cushing, Julia  
**Cc:** Kozak, Mark  
**Subject:** RE: Ostrander Point Wind Energy Park

12/12/2008

Hello Julia,

We do not have any historic fisheries records for the area. You could try the District Ecologist, Todd Norris at Kingston Area Office of MNR – 613-531-5728.

Thanks

Tim Trustham

Tim Trustham  
Planner/Ecologist  
Quinte Conservation  
RR#2,  
2061 Old Hwy #2  
Belleville, Ontario  
K8N 4Z2  
Phone: (613) 968-3434 x 110  
Fax: (613) 968-8240  
[ttrustham@quinteconservation.ca](mailto:ttrustham@quinteconservation.ca)  
[www.quinteconservation.ca](http://www.quinteconservation.ca)

## Celebrating 60 Years of Conservation 1947-2007

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---

**From:** Cushing, Julia [mailto:Julia.Cushing@stantec.com]  
**Sent:** 11 July 2008 14:20  
**To:** Tim Trustham  
**Cc:** Kozak, Mark  
**Subject:** Ostrander Point Wind Energy Park

Good Afternoon Tim,

We are currently compiling background information for the Ostrander Point Wind Energy Park study area to be used in the environmental review, I have attached a PDF of the study area for your reference.

Would you have data regarding historical fish catch sample records and thermal regimes of watercourses either within our study area, or along the 44kV transmission line route?

Thank you for your help. Please contact me should you have any questions.

kind regards,

Julia

**Julia Cushing, B.E.S., Dip. EA**  
Environmental Scientist  
Stantec  
361 Southgate Drive

12/12/2008

Guelph ON N1G 3M5  
Ph: (519) 836-6050 Ext. 262  
Fx: (519) 836-2493  
Cell: (519) 766-7214  
jcushing@stantec.com

[stantec.com](http://stantec.com)

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Moira River, Napanee Region and Prince Edward Region Conservation Authorities

# Quinte Conservation

R.R. #2 2061 Old Highway #2  
Belleville, Ontario  
K8N 4Z2

Phone: 968-3434 Fax: 968-8240  
Email: [quinteconservation@quinteconservation.ca](mailto:quinteconservation@quinteconservation.ca)  
Website: [www.quinteconservation.ca](http://www.quinteconservation.ca)

**VIA FAX**

July 22, 2008

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON  
N1G 3M5

**Re: Proposed Ostrander Point Wind Energy Park  
Ostrander Point Crown Land Block**

Further to your letter (dated July 16, 2008) requesting information regarding a 'Cumulative Effects Assessment' for the above noted project, we have no knowledge of any development proposals within the study area and suggest that you consult with the Municipality of Prince Edward for further information.

Should you require any further information regarding this matter, please contact the undersigned.

Sincerely,

Tim Trustham  
Planner/Ecologist

c. Jo-anne Egan, Manager, Prince Edward County Planning Department

**From:** Tim Trustham [ttrustham@quinteconservation.ca]

**Sent:** Tuesday, July 29, 2008 3:17 PM

**To:** Cushing, Julia

**Subject:** RE: Ostrander Point Wind Energy Park

Hello Julia,

We do not have any data records (fisheries, sensitive species, etc.) for either the study area or the transmission line route. We obtain our data from the Ministry of Natural Resources, please contact the District Ecologist, Todd Norris at Kingston Area Office of MNR – 613-531-5728.

Thanks

Tim Trustham

Tim Trustham

Planner/Ecologist

Quinte Conservation

RR#2,

2061 Old Hwy #2

Belleville, Ontario

K8N 4Z2

Phone: (613) 968-3434 x 110

Fax: (613) 968-8240

[ttrustham@quinteconservation.ca](mailto:ttrustham@quinteconservation.ca)

[www.quinteconservation.ca](http://www.quinteconservation.ca)

# Celebrating 60 Years of Conservation 1947-2007

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**From:** Cushing, Julia [mailto:Julia.Cushing@stantec.com]

**Sent:** 29 July 2008 11:15

**To:** Tim Trustham

**Cc:** Kozak, Mark

**Subject:** Ostrander Point Wind Energy Park

Good morning Tim,

I wrote to you a few weeks ago regarding historical fish catch data and thermal regime data for the Ostrander Point Wind Energy Park Study Area. You informed me that you did not have any of this information for the area, I have attached a map of the study area for your continued reference. I am writing to inquire if you have any other data for the study area, eg. sensitive species or sensitive areas within the study area or along the 44kV transmission line route.

Thank you for your help Tim,

Julia

**Julia Cushing, B.E.S., Dip. EA**

Environmental Scientist

Stantec

361 Southgate Drive

Guelph ON N1G 3M5

Ph: (519) 836-6050 Ext. 262

Fx: (519) 836-2493

Cell: (519) 766-7214

[jcushing@stantec.com](mailto:jcushing@stantec.com)

[stantec.com](http://stantec.com)

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# **Appendix I9**

## **Public Consultation**



# Ostrander Point Wind Energy Park Project Public Comment Summary Table

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## 1. Stantec Responses to Comments Submitted to Jacques Whitford

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
Kent Hawkins	Email	Dec 15 2007	<ul style="list-style-type: none"> <li>• Please explain further the term "ongoing" including reference to the time lines for the project.</li> <li>• Who will be performing the Environmental Screening Process, when this is planned to be conducted, and the period of time provided for this process.</li> <li>• If an Environmental Assessment becomes required, how will this impact the project schedule?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Current Project activities and upcoming Project activities include: bird studies, bat studies, and noise, archaeological, visual change assessments, and ongoing stakeholder consultation</li> <li>• Stantec has been retained by Gilead to complete the Environmental Screening Process</li> <li>• Draft ERR would be released in Fall 2008</li> </ul>	July 2008
Myrna Wood	Email	Dec 17 2008	<ul style="list-style-type: none"> <li>• Request a report on the [Ministry of Natural Resources Pre-Screening ]meeting and a schedule of the future meetings</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>more detailed responses to Public Open House questions where the information was available at that time</p> <ul style="list-style-type: none"> <li>• These indicated:</li> <li>• Stakeholder Consultation: Gilead has and will continue to undertake an extensive stakeholder consultation process throughout the duration of the Project</li> <li>• Stakeholder consultation will be included in the Draft ERR and captured in the record of consultation</li> </ul>	
W.H. Whitman	Fax	Jan 4, 2008	<ul style="list-style-type: none"> <li>• Requests any general indication of the area(s) involved</li> <li>• Has Gilead conducted wind tests and, if so, what are the expectations in regards to efficiency vs. the plate rate of the size of generators you presently anticipate and whether changes in size might result in the interest of efficiency?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• Newsletter included a Study Area map, which depicted the turbine siting area, and proposed transmission line route</li> </ul> <p>Additional information provided for the ERR</p> <ul style="list-style-type: none"> <li>• A MET tower has been installed on-site to conduct wind testing</li> </ul>	July 2008
W.H. Whitman	Letter	Undated	<ul style="list-style-type: none"> <li>• Where is closest development in Eastern Ontario that we might visit?</li> <li>• Which of the developments are currently feeding the grid and at what rate?</li> <li>• Could you reconcile statements from Bruce Power and Gilead Power which seem to be at odds, RE: efficiency rates of turbines</li> <li>• Had there been no wind at the time of the 2003 blackout, would we have had to rely on coal fired generators? What part, if any, did coal fired generators play in the immediate aftermath?</li> <li>• What would be the implications of the</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul> <p><i>Additional information provided for the ERR</i></p> <ul style="list-style-type: none"> <li>• The closest operating wind development would be in Melancthon (199.5 MW) or Wolfe Island which is under construction</li> <li>• Questions related to the blackout should be</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
			<p>Trillium Project if Ostrander were up and running?</p> <ul style="list-style-type: none"> <li>• Has the capacity of the Ontario grid to accept power been determined, if so, have developers who have responded to the Province's challenge been advised?</li> <li>• Have pre-planning reached answers to the questions regarding the need for site upgrading and how the project will be connected to the grid and who will pay for it?</li> <li>• Have you determined the number of full time jobs the project will employ, the nature of the jobs and the experience/educational requirements of applicants?</li> <li>• What is the web site which explains the Wind Power Incentive subsidies? Have you determined what the subsidies could amount to over the ten year period?</li> </ul>	<p>directed to the Ontario Power Authority.</p> <ul style="list-style-type: none"> <li>• Limited details are currently available regarding the Trillium Wind Project. Local projects which have issues a Notice of Commencement have been considered in the cumulative effects assessment provided in the Draft ERR</li> <li>• The Ontario Power Authority oversees the capacity of the Ontario electricity market</li> <li>• The planning and construction of the Project is funded completely by the proponent (Gilead) and site works are detailed in the Draft ERR</li> <li>• Occupational requirements for the construction and operation of the Project will be provided in the Draft ERR</li> <li>• The Ontario Power Authority (OPA) (<a href="http://www.ontariopowerauthority.ca">www.ontariopowerauthority.ca</a>) provides information related to renewable power subsidies</li> </ul>	
Wayne Groen	Email	Jan 16, 2008	<ul style="list-style-type: none"> <li>• I just read the article in the Intelligencer tonight about your project in PEC. Having been to Europe and seeing the facilities they have there in France and Norway, I am really excited to see it finally happen here. I have only seen it in the Owen Sound area, and I am a huge supporter of it. I hope you can get through the red tape and start sooner than 2009 as the article stated. Continue the good work</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008
Rosalie Starkey	Email	Jan 17 2008	<ul style="list-style-type: none"> <li>• What constitutes background (daily) noise. Would you express it in decibels with an example of what that decibel represents?</li> <li>• I can understand the desire to go with the cheaper gear driven turbines but does this indicate a short term view. Obtain licenses, build and having created value, sell? My</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
			<p>own cursory analysis suggested that the more expensive Enercon model provided better after tax return over an extended period of time.</p> <ul style="list-style-type: none"> <li>I am also curious as what usage factor you expect on P50 basis?</li> </ul>	<ul style="list-style-type: none"> <li>These indicated:</li> <li>Noise: an Environmental Noise Impact Assessment will be completed and submitted to MOE for technical review and comment</li> <li>MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 receptors - we expect that most receptors in study area will be identified as Class 3</li> <li>Gilead will be adhering to most stringent requirements during the operation</li> <li>Noise assessment will be included in Draft ERR</li> </ul>	
Myrna Wood	Email	Feb 5, 2008	<ul style="list-style-type: none"> <li>Object to turbines being installed at Ostrander Point, a Provincial Wildlife Area.</li> <li>This site is in the center of the Prince Edward County South Shore Important Bird Area (IBA) and adjacent to the Prince Edward Point National Wildlife Area and the Prince Edward Point Bird Observatory (PEPBO).</li> <li>Meets the criteria of a site of "Very High Sensitivity" under the Environment Canada Wind Turbines and Birds; Guidance Document for Environmental Assessment February 2007. (attached)</li> <li>Spring and fall weather events at such a site open the possibility of catastrophic bird kills.</li> <li>Environment Canada Guidance Document states, "At a screening level, the RA must determine whether the project, taking mitigation into account, is likely to lead to significant adverse effects, in which case it can either be abandoned or must be referred to a panel or mediation." p. 26-7, 1</li> </ul>	<ul style="list-style-type: none"> <li>Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>These indicated:</li> <li>Wildlife: we are aware that the Project is located in an important area for birds and other wildlife</li> <li>In addition to completing a detailed review of previous studies conducted in area, bird, bat and other wildlife surveys have and will continue to be conducted</li> <li>Continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
			<p>expect the assigned RA (Responsible Authority) to act on these Guidelines in respect of this Proposal.</p> <ul style="list-style-type: none"> <li>• First priority must be conservation of energy over building new sources.</li> </ul>	<ul style="list-style-type: none"> <li>• The final results of these activities will be presented in ERR</li> </ul>	
Orville Walsh	Email	Feb 29, 2008	<ul style="list-style-type: none"> <li>• In the intervening time since the Open House, Jacques Whitford in Nova Scotia has produced a report (Final Report Model Wind Turbine By-laws and Best Practices for Nova Scotia Municipalities, Jan. 28, 2008) for the Union of Nova Scotia Municipalities. In this report, there some areas of interest dealing with the anticipated or potential and negative effects of wind turbine installations. Will the EA include or incorporate some of the observations and recommendations included in this Nova Scotia report (specifically noise)?</li> <li>• A significant number of wind turbines will produce noise at a level above the noise made by a single lake boat and we can expect this noise to reach us at our homes and become a constant source of high annoyance.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Noise: an Environmental Noise Impact Assessment will be completed and submitted to MOE for technical review and comment</li> <li>• MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 receptors - we expect that most receptors in study area will be identified as Class 3</li> <li>• Gilead will be adhering to most stringent requirements during the operation</li> <li>• Noise assessment will be included in Draft ERR</li> </ul>	July 2008
Ted Cheskey - Nature Canada	Email	Feb 5, 2008	<ul style="list-style-type: none"> <li>• Nature Canada would like to make a formal comment with regard to the wind turbine proposal on Ostrander Point. Could you please forward me and additional details about this project beyond the notice of commencement and also the contact information for the Environment Canada and Ontario Ministry of the Environment officials who are involved in this environmental review process.</li> </ul>	<ul style="list-style-type: none"> <li>• Was sent Project Description</li> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008
Ted Cheskey	Email	April 9,	<ul style="list-style-type: none"> <li>• Please let me know about the process for</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
– Nature Canada		2008	commenting on the Ostrander Point project. I understand that there is to be a second open house soon, and the EA report or some sort of update. An update would be most appreciated.	<p>which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</p> <ul style="list-style-type: none"> <li>• These indicated:</li> <li>• A public open house is planned for late August 2008</li> <li>• Various ways for submitting comments, for example, address, telephone number, fax number, email address, and attending the upcoming Open House</li> </ul>	

### January 17, 2008 Public Open House Comment Summary

Scott Brown	Comment Sheet	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Set backs from roads and homes is inadequate based on the experience of other jurisdictions.</li> <li>• Set back from roads should include ice throw danger.</li> <li>• Setback from homes should take into consideration noise - both sonic and subsonic and the growing body of experience with health hazards.</li> <li>• Some mechanism must be included to guarantee the safety of all existing trees.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Setbacks: environmental/social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure</li> <li>• Setbacks and turbine siting are undergoing evaluation and will be discussed in ERR</li> </ul>	July 2008
David Harrison	Feedback form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Looks like a very beneficial project for the area and the county.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008
Edith Ross	Comment Sheet	Jan 17,	<ul style="list-style-type: none"> <li>• Supports the Project</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
		2008		which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time	
Cheryl Anderson	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Is sufficient equipment available for the project to tie-into the provincial grid</li> <li>• Where has Gilead previously installed turbines</li> <li>• Is it a Provincial policy that Crown land is available for wind turbines?</li> <li>• What mitigating procedures are you planning to use to avoid bird and bat kills. For example, are you willing to turn off the turbines during spring and fall migration?</li> <li>• Suggest that Gilead meet specifically with the local environmental and citizens group.</li> <li>• It is my view that community involvement is best achieved using several methods and several layers - encourage you to continue to involve the Citizens of Prince Edward County in your project.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Equipment during construction: will be finalized during the detailed design stage</li> <li>• Post Construction Monitoring: comprehensive post-construction monitoring program for birds and bats will be developed in consultation with Canadian Wildlife Services, Environment Canada, and Ministry of Natural Resources</li> <li>• Stakeholder Consultation: Gilead has and will continue to undertake an extensive stakeholder consultation process</li> <li>• Gilead will be proactive by voluntarily releasing the Draft ERR for stakeholder review and comment</li> <li>• Gilead will work to address all stakeholder comments received and engage all levels of government in order to ensure the Project is planned in accordance with all regulatory requirements</li> </ul>	July 2008
Roger and Barbara Redner	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Supports the Project</li> </ul>	<ul style="list-style-type: none"> <li>• Sent Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				questions where the information was available at that time	
Rick Farrington	Feedback Form / Comment Sheet	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Supports the Project if completed properly</li> <li>• Email photos of site location</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008
Sandra Farrington	Comment Sheet	Jan 17, 2008	<ul style="list-style-type: none"> <li>• This is one project of many (7+), should the assessment on the environment not cover the full scope</li> <li>• The land used by the Turbines must be made available for public use.</li> <li>• Noise is a concern. The best technology must be mandated to have the quietest turbines possible.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These included: <ul style="list-style-type: none"> <li>• Land Use: during Project operation, residents can continue to enjoy the area as they have done in the past</li> <li>• Noise: an Environmental Noise Impact Assessment will be completed and submitted to MOE for technical review and comment</li> <li>• MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 receptors - we expect that most receptors in study area will be identified as Class 3</li> <li>• Gilead will be adhering to most stringent requirements during the operation</li> <li>• Noise assessment will be included in Draft ERR</li> </ul> </li> </ul>	July 2008
Dayton Johnson	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Expected a question and answer session at the Town Hall in Milford</li> <li>• Will this area be a private no entry facility</li> <li>• How will wind power reduce my hydro bill?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
			<ul style="list-style-type: none"> <li>• Height and number is a concern</li> <li>• How will the Municipality benefit?</li> </ul>	<p>House questions where the information was available at that time</p> <ul style="list-style-type: none"> <li>• These included:</li> <li>• Land Use: during Project operation, residents can continue to enjoy the area as they have done in the past</li> <li>• Visual Change: a Visual Change Assessment will be conducted to identify the changes to viewscape</li> <li>• Economic Benefits: the following benefits to the local economy can be anticipated:</li> <li>• Increased employment for local area during the Construction Phase;</li> <li>• Use of local goods and services during the Construction Phase;</li> <li>• Increase to local tax base from annual municipal property tax; and,</li> <li>• Additional revenue to the Province through land lease payments made by the Project.</li> </ul>	
Wes Kobelka	Feedback Form	Jan 29, 2008	<ul style="list-style-type: none"> <li>• Once the units are installed, is there a requirement for on-site technical assistance.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul> <p><i>Additional information provided for the ERR</i></p> <ul style="list-style-type: none"> <li>• An operations and maintenance firm will be contracted to monitor and maintain the Project</li> </ul>	July 2008
Veronica Anderson	Comment Sheet	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Lacking information about the necessary power lines and their impact on the landscape</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These included:</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<ul style="list-style-type: none"> <li>• Power Lines: electricity produced by turbines will be connected to proposed Ostrander Point Substation via an on-site collection system of underground or above ground 13.5 kV lines</li> <li>• 44 kV transmission line proposed to connect Project's substation (to be located near turbines) to Milford Distribution Station is currently proposed as a road pole line</li> <li>• Final configuration of these collector/main transmission line will be evaluated and described within ERR</li> </ul>	
Joanne McCarthy	Comment Sheet	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Please send an information kit</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008
Mike Atkins	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• No consideration was given to the effects on bats (Navigation by ultrasound) during turbine operation</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Bats: in addition to completing a detailed review of previous studies conducted in area, bird, bat and other wildlife surveys have and will continue to be conducted.</li> <li>• Continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<ul style="list-style-type: none"> <li>• Furthermore, Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</li> <li>• Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> </ul>	
Daphne Walsh	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Concerned regarding noise and turbine lighting</li> <li>• Would have a negative impact on my quality of life and property value.</li> <li>• Concerned that a wind energy project is being proposed for a major bird migratory fly way.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Noise: an Environmental Noise Impact Assessment will be completed and submitted to MOE for technical review and comment</li> <li>• MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 receptors - we expect that most receptors in study area will be identified as Class 3</li> <li>• Gilead will be adhering to most stringent requirements during the operation</li> <li>• Noise assessment will be included in Draft ERR</li> <li>• Turbine Lighting: to the extent possible, Gilead will minimize the number of turbines requiring aviation safety lights, while adhering to the Transport Canada guidelines - Gilead will also utilize LED</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>lights, which have a softer glow and less of a strobing effect</p> <ul style="list-style-type: none"> <li>• Property Value: based upon the data reviewed to date in other areas with established wind farms, no evidence of a material negative effect on property value as a result of the presence of wind farms has been documented - Ontario data suggests that wind farms have a neutral or positive effect on property values</li> <li>• Birds: in addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted - also continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation</li> <li>• Furthermore, Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</li> <li>• Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> </ul>	
Brian Flack	Comment Sheet	Jan 17, 2008	<ul style="list-style-type: none"> <li>• It is necessary that Gilead hold an information Q&amp;A session where you make a presentation, stakeholders get to question you, our local councillors are present and MNR/government people are there too.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>available at that time</p> <ul style="list-style-type: none"> <li>• These indicated:</li> <li>• Stakeholder Consultation: Gilead has and will continue to undertake an extensive stakeholder consultation process throughout the duration of the Project</li> <li>• Gilead will be organizing a second Public Open House to be held in late summer 2008</li> </ul>	
Barbara Proctor	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Is there a "provincial" central coordination for development of wind farms? (on shore)</li> <li>• What differences if any for distance requirements for turbines for "on crown land" and on leased private land?</li> <li>• Are you working with other companies to access the grid efficiently? i.e. "Independent" among 3 or 4 others</li> <li>• Do all wind farms on and off shore sell to Hydro One?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul> <p><i>Additional information provided for the ERR</i></p> <ul style="list-style-type: none"> <li>• The Ontario Power Authority manages the electricity supply mix for the province including wind power</li> <li>• Many of the same setbacks (i.e., from residences) apply for crown land and private land. Setbacks will be provided in the Draft ERR</li> <li>• Gilead is working with Hydro One to access the grid efficiently</li> <li>• The electricity produced by the project is sold to the Province, Hydro One maintains and operates the transmission facilities.</li> </ul>	July 2008
Janice Gibbins	Feedback Form	Feb 1, 2008	<ul style="list-style-type: none"> <li>• What are the routes in and out, size and type of turbine, specific studies re: birds (nesting and migrating) and health (hazard studies).</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Birds: Spring bird migration and breeding</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				bird field studies have been completed <ul style="list-style-type: none"> <li>• Fall migratory bird field studies have been completed with another round commencing in the summer</li> <li>• Furthermore, Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</li> <li>• Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> <li>• Health: Throughout the ESP, Gilead will solicit comments from health-related government agencies and organizations</li> <li>• Information regarding public health and safety will be included in the ERR</li> </ul>	
Don Ross	Comment Sheet	Jan 17, 2008	<ul style="list-style-type: none"> <li>• In support of the Project</li> <li>• It will bring an economic gain to our township and the entire County</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008
Monica Alyea	Comment Sheet (*2)	Jan 17, 2008	<ul style="list-style-type: none"> <li>• How will the power be collected and transmitted?</li> <li>• Where will lines run and how?</li> <li>• Provide photo montages including power lines and what they look like and where they'll run</li> <li>• How are base holes excavated</li> <li>• Who is doing hydrogeological studies?</li> <li>• Fragile aquifers in south Marysburgh and limited land source water</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Power lines: Electricity produced by turbines will be connected to proposed</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
			<ul style="list-style-type: none"> <li>• Please share off-shore proposal in conjunction to provide full picture for maximum trust</li> <li>• Are easements for wind farm power lines (where required) negotiated for the specified amounts of current (i.e. 4400 v needed for the present and locked in at that amount) or can the amount of current (i.e. number of lines) be augmented at a later date?</li> </ul>	<p>Ostrander Point Substation via an on-site collection system of underground or above ground 13.5 kV lines</p> <ul style="list-style-type: none"> <li>• 44 kV transmission line proposed to connect Project's substation (to be located near the turbines) to Milford Distribution Station is currently proposed as a road pole line</li> <li>• Final configuration of collector lines and main transmission line will be evaluated and described in ERR</li> </ul>	
Orville Walsh	Feedback form (2)	Jan 17, 2008	<ul style="list-style-type: none"> <li>• You mentioned you might be able to provide me with photographs and data on those two pictures of the project</li> <li>• Ministry is reviewing guidelines – Nova Scotia project had been source of concern which prompted review</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• Newsletter provided link to Project website which presented open house display panels</li> </ul>	July 2008
Liz Driver	Feedback form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Two visual effects did not convey scale of turbines</li> <li>• No view of closest turbine to road with human scale</li> <li>• Not satisfied with one open house with 10 days notice</li> <li>• Gilead stated he will not hold a public meeting, which is the foundation of the democratic process</li> <li>• No consideration of psycho-acoustic factors in a rural setting</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>• These indicated:</li> <li>• Visual Change: A Visual Change Assessment will be conducted to identify changes to viewscape</li> <li>• Assessment will model the appearance of the wind turbines from various vantage points throughout surrounding area</li> <li>• Public Open House: Gilead will be organizing a second Public Open House for Project, to be held in late summer 2008 to allow seasonal residents the opportunity to</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>provide input</p> <ul style="list-style-type: none"> <li>Health: Throughout the ESP, Gilead will solicit comments from health-related government agencies and organizations</li> <li>There is considerable uncertainty concerning recognition of Wind Turbine Syndrome and international, national and provincial government health agencies and departments were unable to provide information about the subject or any evidence of wind turbines causing human health impacts</li> <li>In the course of reviewing this subject, we were unable to locate any credible scientific evidence, such as a peer reviewed medical journal paper, to confirm that living within the proposed proximity to wind turbines may cause adverse health impacts</li> <li>Additional information regarding public health and safety will be included in ERR</li> </ul>	
Anonymous	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>No information on transmission routes; no information on how turbines to be transported to site and subsequent issues to people affected</li> <li>Some of information was potentially misleading – no advice was given (personnel said did not know) how to view site pictures</li> <li>Need a public meeting to exchange information – not pre precanned open houses</li> <li>Need to prove to me that wind energy makes sense, will not destroy PEC appeal and values, will not hurt local economy/residential property values etc.</li> <li>If proceeding setbacks need to be 1.5 -2km</li> </ul>	<ul style="list-style-type: none"> <li>Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> <li>These included:</li> <li>Power Lines: electricity produced by the turbines will be connected to the proposed Ostrander Point Substation via an on-site collection system of underground or above ground 13.5 kV lines</li> <li>44 kV transmission line proposed to connect the Project's substation (to be located near the turbines) to the Milford Distribution Station is currently proposed as a road pole line</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<ul style="list-style-type: none"> <li>• Final configuration of these collector lines and the main transmission line will be evaluated and described within the ERR</li> <li>• Open House: Gilead will be organizing a second Public Open House for the Project, to be held in late summer 2008 to allow seasonal residents the opportunity to provide input</li> <li>• Economic Benefits: the following benefits to the local economy can be anticipated:</li> <li>• Increased employment is during the Construction Phase;</li> <li>• Use of local goods and services during the Construction Phase of the Project;</li> <li>• An increase to the local tax base from annual municipal property tax; and,</li> <li>• Additional revenue to the Province through land lease payments made by the Project.</li> <li>• Setbacks: environmental and social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure</li> <li>• Property Value: based upon the data reviewed to date in other areas with established wind farms, no evidence of a material negative effect on property value as a result of the presence of wind farms has been documented - Ontario data suggests that wind farms have a neutral or positive effect on property values</li> </ul>	
Anonymous	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Vague about money to landowners</li> <li>• Taxpayer burden to improve roads</li> <li>• CO2 emissions in production of turbine parts or land delivery of same to sites</li> <li>• Clear cutting around turbine sites not stated</li> <li>• Landowners have no say in siting</li> <li>• Energy does not stay in community</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<ul style="list-style-type: none"> <li>• These included:</li> <li>• Roads: Gilead will be responsible for acquiring necessary permits and will conduct any temporary or permanent road widening or upgrading activities in accordance with Prince Edward County requirements</li> <li>• Turbine Siting: environmental and social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure.</li> <li>• setbacks will be established to ensure that environmental and social constraint areas will be avoided to the greatest extent possible</li> <li>• where Project siting and design can not solely address potential environmental effects, protection and mitigation measures and rehabilitation measures will be applied</li> <li>• Final turbine setbacks will be provided within the Draft ERR</li> </ul> <p><i>Additional information provided for the ERR</i></p> <ul style="list-style-type: none"> <li>• Turbines are not proposed within any woodlots. Limited vegetation removal may be required</li> </ul>	
Anonymous	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• No one could tell me why and how this development was chosen</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008
Anonymous	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• All my questions were answered with 'we haven't considered all of our options yet;</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open</li> </ul>	July 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				House questions where the information was available at that time	
Anonymous	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Same as above</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008
Anonymous	Feedback Form	Jan 17, 2008	<ul style="list-style-type: none"> <li>• Supports the project</li> </ul>	<ul style="list-style-type: none"> <li>• Sent July Project Information Newsletter which included responses to common questions from the Public Open House along with a link to the Project website with more detailed responses to Public Open House questions where the information was available at that time</li> </ul>	July 2008

**2. Comments Submitted to Stantec (up to January 22, 2008)**

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
Dennis Belton	Email	April 8 and 23 2008	<ul style="list-style-type: none"> <li>• Has not been officially notified in writing regarding the project</li> <li>• Property values will drop</li> <li>• Has Gilead completed other wind projects?</li> <li>• If given approval, when will the project be completed</li> <li>• Will any turbines be in Lake Ontario</li> <li>• Concerned regarding shadow flicker and “wind turbine syndrome” and noise</li> <li>• What types of equipment are typically used to erect turbines</li> <li>• What is the maximum noise next to a turbine</li> <li>• Will it be necessary to widen and grade any parts of local roads and who will pay for it</li> <li>• Where are the turbines manufactured</li> <li>• Turbine layout is unacceptable as they are too close to residences and wetlands</li> </ul>	<ul style="list-style-type: none"> <li>• The NOC was mailed during the week of December 15, 2007 and March 8, 2008. The NOC was published on December 12 and 14, 2007 in local newspapers. An open house was held on January 17, 2008.</li> <li>• Gilead has secured approx. 1,000 MW of clean energy resources throughout the Province</li> <li>• Project construction is anticipated to commence in the fall of 2009 and operation in 2010</li> <li>• All turbines will be located onshore</li> <li>• It is anticipated that shadow flicker occurrence at residences in the study area will not be significant</li> <li>• Provided information related to the equipment used for construction</li> <li>• Intersections and roads may require widening to accommodate construction vehicles. Gilead will be responsible for acquiring the permits and will be financially responsible</li> <li>• An ENIA will be completed for the Project and submitted to the MOE for review, comment, and approval.</li> <li>• A turbine manufacturer has not yet been selected</li> <li>• The original turbine layout is preliminary and we are aware the area is an important area for birds and other wildlife</li> </ul>	May 1, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<ul style="list-style-type: none"> <li>Bird surveys have and will continue to be conducted as part of the ERR</li> </ul>	
Elizabeth Harrington	Email	April 9 2008	<ul style="list-style-type: none"> <li>Wind Park would be adjacent to the site of one of Canada's foremost bird conservation sanctuaries</li> <li>Has been designated by the Canadian Nature Federation and Bird Studies Canada as a "Globally Important Birding Area"</li> <li>The area is rural and not for industrial use</li> <li>The area is embedded with wetlands that are home to a range of marine animals and various other wildlife which survive in fragile ecosystems</li> <li>Will be 24 hour noise from the turbines</li> <li>Wind turbines will severely decrease land values</li> <li>Wind power will contribute only marginally to over all energy needs compared to energy supplied to these machines from outside sources in order to enable them to generate power at all</li> </ul>	<ul style="list-style-type: none"> <li>We will evaluate the potential environmental effects of the Project and ensure that the environmental benefits of the project are maximized.</li> <li>Are aware that the area is an important area for birds and other wildlife</li> <li>Bird surveys have and will continue to be conducted as part of the ERR</li> <li>An ENIA will be completed for the Project and submitted to the MOE for review, comment, and approval.</li> <li>Transport Canada will require that the turbines are fitted with lights. To the extent possible, Gilead will minimize the number of turbines requiring aviation safety lights.</li> <li>Based on data reviewed to date, no evidence of a material negative effect of property value as a result of the presence of wind plants was provided.</li> <li>The ERR will determine in more detail the specific economic benefits of the Project including increased local employment, use of local goods and services, and an increase to the local tax base</li> <li>Wind energy will continue to be an increasingly significant component of the power supply mix for Ontario</li> </ul>	May 1 2008
Mark Kelly	Email	April 13 and 14 2008	<ul style="list-style-type: none"> <li>What is the height of the existing MET tower</li> <li>What effect will turbines have on radio and TV reception</li> <li>The area is available for recreational use and hunting, will this continue?</li> </ul>	<ul style="list-style-type: none"> <li>The NOC was mailed during the week of December 15, 2007 and March 8, 2008. The NOC was published on December 12 and 14, 2007 in local newspapers. An open house was held on January 17, 2008</li> <li>The MET tower is 60 m high with</li> </ul>	May 1, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
			<ul style="list-style-type: none"> <li>• How far will shadow flicker be noticeable</li> <li>• What will the level of vibration and noise be and how far is it noticeable</li> <li>• What will the disruption be to the water table</li> <li>• What will happen to property values</li> <li>• What will happen to Babylon Road and the trees lining it</li> <li>• Will the towers/blades be lit at night</li> <li>• What will be the economic benefits</li> </ul>	<p>instrumentation placed at heights of 40, 50 and 60 m</p> <ul style="list-style-type: none"> <li>• Wind turbines may affect radio and telecommunications systems, but there are very few documented cases of interference with home TV or telephone reception. A communication/radar interference study will be completed for the Project and included in the ERR</li> <li>• Once the project has entered the operation phase, residents can continue to enjoy the area as they have done in the past</li> <li>• It is anticipated that shadow flicker occurrence at residences in the study area will not be significant</li> <li>• An ENIA will be completed for the Project and submitted to the MOE for review, comment, and approval.</li> <li>• We will evaluate the potential environmental effects of the Project and ensure that the environmental benefits of the project are maximized</li> <li>• Based on data reviewed to date, no evidence of a material negative effect of property value as a result of the presence of wind plants was provided</li> <li>• Transport Canada will require that the turbines are fitted with lights. To the extent possible, Gilead will minimize the number of turbines requiring aviation safety lights</li> <li>• The ERR will determine in more detail the specific economic benefits of the Project including increased local employment, use of local goods and services, and an increase to the local tax base</li> </ul>	

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
Robert & Alethea Delyea	Email	April 29, 2008	<ul style="list-style-type: none"> <li>• How many lights are on the turbines</li> <li>• What is the setback from dwellings</li> <li>• What is the height of the wires that connect each turbine to the main transmission line</li> <li>• How much cement and rebar is used for the turbine foundations</li> <li>• How many cables are used to stabilize the towers</li> <li>• How much maintenance is needed</li> <li>• There are a lot of bog like areas which will be damaged by heavy trucks</li> <li>• How many access roads will be needed</li> <li>• Will Ostrander Point Rd. be used as a supply road</li> <li>• Who's responsible to conduct "extra" maintenance</li> <li>• How much power is used to keep the blades turning when there is not enough wind</li> <li>• What is the percentage of power added to the grid from this project</li> <li>• Will the land be zoned industrial</li> <li>• Can the noise from the turbine gears be measured</li> <li>• Are there any unexploded ammunitions remaining on-site</li> <li>• Some of the area is National Wildlife Area</li> <li>• Are there potential off-shore turbines</li> <li>• Not enough research done on the impacts on wind turbines</li> </ul>	<ul style="list-style-type: none"> <li>• We are aware that the area is an important area for birds as it has been identified as an Important Bird Area</li> <li>• We will evaluate the potential environmental effects of the Project and ensure that the environmental benefits of the Project are maximized</li> <li>• Bird surveys have been and will continue to be conducted as part of the ERR</li> <li>• ERR will include an evaluation of wildlife habitat in the study area and the classification of the land</li> <li>• Final setbacks have yet to be determined for the Project</li> <li>• An Environmental Noise Impact Assessment ("ENIA") will be finalized for the study area and submitted to the Ontario Ministry of the Environment ("MOE") for review, comment, and approval and will be contained in the publicly available ERR</li> <li>• Transport Canada will require that the turbines are fitted with lights. To the extent possible Gilead will minimize the number of turbines requiring aviation safety lights, while adhering to the Transport Canada guidelines</li> <li>• Based upon the data reviewed to date in other areas with established wind farms, no evidence of a material negative effect on property value as a result of the presence of wind farms was documented</li> <li>• The government has set targets that will double energy efficiency through conservation and double the amount of energy from renewables (bringing the total</li> </ul>	June 17, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>to 15,700 MW) by 2025. Project will generate up to 20 MW of renewable energy</p> <ul style="list-style-type: none"> <li>• Wind turbines require only a small amount of external power to run electronics and associated mechanisms of the control systems, not to physically turn the blades. When there is no wind, the turbines do not operate and minimal externally-supplied power is required. When the wind speed exceeds design specifications, the turbines automatically shut down.</li> <li>• The electricity produced by the turbines will be connected to the proposed Ostrander Point Substation via an on-site collection system of 13.5 kV lines. The final configuration of the collector lines and the main transmission line will be evaluated and described within the ERR</li> <li>• The wind turbines are supported by their own buried foundations, thus no guy wires are required</li> <li>• Normal maintenance on the individual wind turbines typically occurs twice per year</li> <li>• A preliminary access road layout was shown at the first public open house held on 17 January 2008 and is available for you to view on the Project website</li> <li>• Very little project-related traffic will be required during operation of the Project. Upkeep and maintenance of the Project's on-site permanent access roads will be the responsibility of Gilead, while county roads will continue to be the responsibility of the County</li> <li>• The turbines are proposed to be located</li> </ul>	

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>on Crown Land which does not fall under the zoning provisions of the Provincial Planning Act. Therefore, no Official Plan or Zoning Bylaw amendments will be required for the turbine site</p> <ul style="list-style-type: none"> <li>Given the property's historical use, Gilead is working with the Department of National Defence to identify the status of the property</li> </ul>	
Josef Cihlar	Email	May 21, 2008	<ul style="list-style-type: none"> <li>What is the "modification"</li> <li>Is Stantec a new consultant for the project</li> <li>Can an update be provided on the studies being conducted</li> </ul>	<ul style="list-style-type: none"> <li>Stantec has been retained by Gilead to complete an Environmental Review Report for the Project</li> <li>Stantec is a new consultant for the Project and are currently compiling environmental and socio-economic data</li> <li>A Draft ERR may be available for public and agency review and comment during the 4<sup>th</sup> quarter of 2008</li> </ul>	May 27, 2008
Beth Harrington	Email	May 21, 2008	<ul style="list-style-type: none"> <li>How will the data gathered by JW be dealt with going forward by Stantec Consulting Ltd.</li> <li>Are we restarting the research from the beginning</li> <li>Why was the contract with JW terminated</li> <li>Are we aware of the proper procedures when a termination happens</li> </ul>	<ul style="list-style-type: none"> <li>Stantec will fully utilize all previous data collected and complete additional studies to supplement the information</li> <li>Stantec will not be starting the research from the beginning</li> <li>For commercial reasons, Gilead terminated the contract with Jacques Whitford and selected Stantec to complete the ERR</li> </ul>	May 27, 2008
Beth Harrington		May 22 2008	<ul style="list-style-type: none"> <li>Was not provided notification regarding the completion of the Environmental Screening phase of the proposal</li> <li>Has Gilead skipped a step by moving to an Environmental Review</li> </ul>	<ul style="list-style-type: none"> <li>A Notice of Completion has not been filed for the Project</li> <li>In response to the more detailed studies and assessment being undertaken, Gilead has voluntarily elevated the ESR to an Environmental Review Report</li> </ul>	May 26, 2008
Denis Belton	Email (to Jacques Whitford, forwarded to	May 23, 2008	<ul style="list-style-type: none"> <li>Oppose development due to impact to wildlife and birds</li> <li>Experts recommend a setback distance of</li> </ul>	<ul style="list-style-type: none"> <li>Stantec is aware that the area is an important area for birds as it has been identified as an Important Bird Area ("IBA")</li> </ul>	June 9, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
	Stantec)		<p>2500 km from residences</p> <ul style="list-style-type: none"> <li>• Prince Edward County has intended that the Lake Ontario shoreline be environmentally protected in its Master Plan</li> <li>• Are any preliminary studies available for review</li> <li>• Why has Gilead chosen Stantec to conduct the EA</li> </ul>	<p>by Birdlife International.</p> <ul style="list-style-type: none"> <li>• Stantec will evaluate the potential environmental effects of the Project and ensure that the environmental benefits of the Project are maximized.</li> <li>• Bird surveys have been and will continue to be conducted as part of the ERR</li> <li>• Consistent with the principles of avoidance, setbacks ensure that environmental and social constraint areas will be avoided to the greatest extent possible. Where appropriate, changes to the project design will be applied. Where project siting and design cannot solely address potential environmental effects, protection and mitigation measures and compensation or rehabilitation measures will be applied.</li> </ul>	
Alan and Ann Dacombe	Phone	May 26, 2008	<ul style="list-style-type: none"> <li>• Interested in the location and size of the transmission lines</li> </ul>	<ul style="list-style-type: none"> <li>• Transmission line will likely be an aboveground 44kv line on single wooden poles similar to those already in the study area</li> <li>• Currently unknown in which side of the road allowance (if within the road allowance) the line will be</li> <li>• Will be updating the public monthly regarding the project</li> </ul>	May 26, 2008
Robert Loagan	Phone	May 28, 2008	<ul style="list-style-type: none"> <li>• Suggested that Gilead consider connecting the t-line at Johnson Crossroad instead of at the Milford DS as the route would be shorter</li> </ul>	<ul style="list-style-type: none"> <li>• Stantec will pass the suggestion on to Gilead for consideration in the transmission line design</li> </ul>	May 28, 2008
Dave Ferrington	Phone	May 28, 2008	<ul style="list-style-type: none"> <li>• Notice of Modification was incorrect to note the t-line travels "south" from the study area to the Milford DS</li> </ul>	<ul style="list-style-type: none"> <li>• The Notice incorrectly stated south but was correctly shown in the map within the Notice</li> </ul>	May 28, 2008
Bruce Hinnis	Phone	May 28, 2008	<ul style="list-style-type: none"> <li>• Supports the development of wind power</li> <li>• When will construction begin</li> </ul>	<ul style="list-style-type: none"> <li>• If approved, construction could begin in the 4<sup>th</sup> quarter of 2009</li> </ul>	May 28, 2008
John Sakal	Letter	May 28, 2008	<ul style="list-style-type: none"> <li>• What kind of t-line will be used</li> </ul>	<ul style="list-style-type: none"> <li>• The transmission line that is proposed to connect the Project to the provincial grid at</li> </ul>	June 12, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>the Milford Distribution Station will be an above-ground 44 kV line on single wooden poles similar to those existing within the area</p> <ul style="list-style-type: none"> <li>At this time, the line is proposed to be located within the road right-of-way; subject to applicable approvals</li> <li>The final location and description of the transmission line will be provided within the Environmental Review Report</li> </ul>	
Eileen Sakal	Letter	May 28, 2008	<ul style="list-style-type: none"> <li>Will the t-lines be on private property or along the road</li> </ul>	<ul style="list-style-type: none"> <li>The transmission line that is proposed to connect the Project to the provincial grid at the Milford Distribution Station will be an above-ground 44 kV line on single wooden poles similar to those existing within the area</li> <li>At this time, the line is proposed to be located within the road right-of-way; subject to applicable approvals</li> <li>The final location and description of the transmission line will be provided within the Environmental Review Report</li> </ul>	June 12, 2008
Bob Hendricks	Email	May 30, 2008	<ul style="list-style-type: none"> <li>What assumptions are made in converting 20 MW of wind power generation to power 5,000 typical homes</li> <li>Why is 324 ha required for only 12 wind turbines</li> </ul>	<ul style="list-style-type: none"> <li>1 megawatt (MW) of wind-generated power can supply electricity to approximately 240 to 300 households per year. Thus the following calculation was made: 20 MW X 250 households = 5000 households</li> <li>On average, the operational land base required for a wind plant, including the land base required for the turbine, access road and collector power line, is approximately 0.4 – 1.0 hectares (1.0 – 2.5 acres) per turbine.</li> <li>Project could be expected to require approximately 5 -12 hectares (12 – 30 acres).</li> </ul>	June 12, 2008
Treat Hull	Email	June 8,	<ul style="list-style-type: none"> <li>Support the development of commercial</li> </ul>	<ul style="list-style-type: none"> <li>Will be provided with updates regarding</li> </ul>	June 9,

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
		2008	<p>scale wind farms in the County</p> <ul style="list-style-type: none"> <li>The County has a responsibility to broader society to contribute to the resolution of our impending energy crisis</li> </ul>	the Project and any upcoming Public Open Houses	2008
Beth Harrington	Email	June 11, 2008	<ul style="list-style-type: none"> <li>Was not directly notified of the Geotechnical Investigation</li> </ul>	<ul style="list-style-type: none"> <li>Notice of Geotechnical Investigation was placed in local newspapers throughout PEC.</li> <li>Notice will also be sent out to all stakeholders on the project mailing list</li> </ul>	June 11, 2008 (by Gilead)
Beth Harrington	Email	June 11, 2008	<ul style="list-style-type: none"> <li>Why are 13 boreholes necessary for the research on the Ostrander Point Crown Land Block</li> </ul>	<ul style="list-style-type: none"> <li>Boreholes identify turbine and transformer foundation design requirements as well as provides baseline environmental information</li> </ul>	June 12, 2008
Gord Gibbins	Email	June 12, 2008	<ul style="list-style-type: none"> <li>Notice of Geotechnical Investigation provided no indication on how one can object to such testing</li> <li>Requested written permission by MNR, MOE and PEC to conduct such work</li> </ul>	<ul style="list-style-type: none"> <li>The project is proposed on Crown Land and as such, the MNR is responsible to the disposition of the land.</li> <li>The MNR has granted Gilead permission to complete baseline studies including geophysical and geotechnical investigation.</li> <li>The MNR requested that the Notice be issued as a courtesy to local residents and those interested in the project</li> </ul>	July 11, 2008 (by Gilead)
Bob Hendricks	Email	June 14, 2008	<ul style="list-style-type: none"> <li>Thank you for previous response</li> <li>Potential outages due to ice storms</li> <li>Accumulation of ice on the blades</li> <li>Is there structural failure due to fatigue</li> </ul>	<ul style="list-style-type: none"> <li>In the event of a power outage affecting the Project's tie-in at the Milford Distribution Station, the turbines would automatically and safely shut down</li> <li>Turbine blades use highly sophisticated aerodynamics and are rather sensitive to small imbalances at the leading edge caused by the build up of ice</li> <li>When the rotor becomes unbalanced due to a change in blade weighting (e.g., caused by ice build up), the turbine yaws out of the wind and the blades are feathered to stop the blades from turning (i.e., it shuts itself off). The blades will not restart their movement until the imbalance</li> </ul>	June 25, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>is removed (e.g., the majority of ice is removed)</p> <ul style="list-style-type: none"> <li>• Wind turbines are designed to withstand wind speeds of about 200 km/hr, equivalent to a Level 2 tornado</li> <li>• Operating protocols will build upon design specifications by layering on additional safeguards to protect against malfunctions.</li> <li>• Gilead will also ensure that the wind turbines are maintained and operated in accordance with all applicable codes and regulations</li> </ul>	
Robert & Alethea Delyea	Email	June 17, 2008	<ul style="list-style-type: none"> <li>• Is the geotechnical investigation in preparation for locating the placement of the cement pads or for general information</li> </ul>	<ul style="list-style-type: none"> <li>• The geotechnical investigation is required to assist Gilead in determining the turbine and transformer foundation design requirements and for the collection of baseline data to be used within the ERR. The borehole locations do not necessarily represent the actual location of the turbines</li> </ul>	June 19, 2008
Orville Walsh	Email (to Gilead)	June 27, 2008	<ul style="list-style-type: none"> <li>• Requested confirmation that the schedule on the website is no longer accurate and what the new schedule is</li> <li>• Has Gilead received guidance documents from the MOE regarding cumulative effects</li> <li>• Has a date been established for the next Public Open House</li> </ul>	<ul style="list-style-type: none"> <li>• Based on agency input and public consultation, the schedule for the Project was revised since the first Public Open House</li> <li>• Gilead is completing a joint radar survey with Acadia University and EC for monitoring spring and fall bird migration and bat migration over the site</li> <li>• A Draft ERR is expected to be completed in the 4<sup>th</sup> quarter of 2008</li> <li>• Although cumulative effects is not required under the provincial EA process, cumulative effects will be considered within the ERR.</li> <li>• Next open house to be in August 2008</li> </ul>	July 3, 2008 (by Gilead)
Jennifer Johnstone	Email	June 30 2008	<ul style="list-style-type: none"> <li>• Not well informed on wind energy, but is completely in support of investigating and</li> </ul>	<ul style="list-style-type: none"> <li>• Added to project mailing list for all future notices</li> </ul>	July 3, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
Gord Gibbins	Email	July 11, 2008	<p>developing more renewable energy projects</p> <ul style="list-style-type: none"> <li>• Why has the estimated completion date changed?</li> <li>• Why has Jacques Whitford been used again after Stantec had been hired?</li> <li>• What additional studies have been requested by the MNR/MOE?</li> <li>• How are cumulative effects being dealt with?</li> <li>• What is the new project schedule?</li> <li>• When is the next open house?</li> </ul>	<ul style="list-style-type: none"> <li>• Previous schedule was preliminary and prior to receiving stakeholder input. The development process is designed to be fluid and flexible.</li> <li>• JW was retained to complete the geotechnical investigation while Stantec is completing the ERR for the Project. Helimax Energy Inc. is complete the ENIA.</li> <li>• The MNR and EC requested additional studies to characterize the potential impact of the Project on migratory birds and bats. Gilead is funding a joint radar study with Acadia University and EC to monitor spring and fall bird migration as well as bat activity in the Study Area</li> <li>• Although not required under the provincial EA process, Stantec will be addressing cumulative effects within the ERR.</li> <li>• Presented a list of the new Project schedule</li> <li>• An open house will be held in the last two weeks of August.</li> </ul>	July 30, 2008 (by Gilead)
Gord Gibbins	Email	July 15, 2008	<ul style="list-style-type: none"> <li>• How was the t-line route decided?</li> <li>• Will the t-line require the removal of trees on Maypullayn Road or elsewhere?</li> <li>• Has Gilead secured a right to produce power?</li> <li>• IBA's have been identified as a constraint for wind energy sites and this project is entirely within an IBA</li> </ul>	<ul style="list-style-type: none"> <li>• T-line route was based on the existing right of ways on the roads that lead to the connection point at the Milford Distribution Station. The exact route will be determined based on discussions with Hydro One and PEC. Final configuration will be presented in the ERR</li> <li>• Gilead has a power purchase agreement from the OPA on the Renewable Energy Standard Offer Program.</li> <li>• IBA's are not considered exclusion zones for wind power development. Recognizing the natural value of IBA's, provincial and federal agencies require that additional bird and bat studies be completed for the</li> </ul>	July 30, 2008 (by Gilead)

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				Project.	
Beth Harrington	Email	July 23, 2008	<ul style="list-style-type: none"> <li>• What type of turbines will be used and how big are they</li> <li>• Provided link which shows some turbines produce less noise than others</li> </ul>	<ul style="list-style-type: none"> <li>• Turbine manufacturer has not yet been finalized</li> <li>• Provided a list of potential turbine manufacturers and turbine sizes (range from 1.5 – 2.0 MW and 65 – 98 m in height)</li> </ul>	July 30, 2008 (by Gilead)
Gord Gibbins	Email	July 23, 2008	<ul style="list-style-type: none"> <li>• Provide proof that property values are not impacted, statements from CANWEA are not acceptable</li> <li>• Have studies in hand that suggest otherwise</li> <li>• Will the electricity that flows to the Milford substation be "filtered" on "unfiltered"</li> <li>• Will any trees be cut down on Maple land? If yes will you consider different routes?</li> <li>• What efforts are being taken to consider the cumulative effects of this and other proposed projects in PEC, Amherst Island, Wolfe Island and offshore on bird, bat &amp; butterfly migration routes</li> </ul>	<ul style="list-style-type: none"> <li>• Provided list of literature sources used by Stantec to assess potential property value impacts</li> <li>• Requested studies to be submitted by the stakeholder for review by Stantec Consulting Ltd.</li> <li>• Exact route and technical specifications of the transmission line have not been finalized and will be determined in conjunction with PEC and Hydro One</li> <li>• Although not required under the provincial EA process, cumulative effects will be considered within the ERR</li> </ul>	July 31, 2008
Beth Harrington	Email	July 28 and 30, 2008	<ul style="list-style-type: none"> <li>• When was the wind anemometer placed on Ostrander Point?</li> </ul>	<ul style="list-style-type: none"> <li>• The meteorological tower was installed at the site on May 18, 2006</li> </ul>	July 30, 2008 (by Gilead)
Andrew McCarthy	Email	August 17, 2008	<ul style="list-style-type: none"> <li>• Which side of Hilltop Road is the transmission line proposed to be on?</li> <li>• How tall are the will mills to be erected at Ostrander's Point? Including maximum blade reach</li> <li>• What is the potential of "sight" of these windmills at 43° 53' 47n / 77° 03' 49" w?</li> <li>• How tall are the proposed transmission lines?</li> </ul>	<ul style="list-style-type: none"> <li>• The location of the transmission route was based on the existing right of ways on the roads that lead to the utility connection at the Milford Distribution Station.</li> <li>• The exact route (i.e. which side of the road) will be determined based on discussions with Prince Edward County and Hydro One.</li> <li>• Transmission line is currently proposed as a road pole line, similar to the existing distribution lines within the area and would be approximately 40 feet in height.</li> <li>• A turbine manufacturer has not yet been</li> </ul>	Aug 26, 2008 (by Gilead)

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<ul style="list-style-type: none"> <li>decided</li> <li>A visual change assessment has been completed and will be provided in the ERR</li> </ul>	
Susan and Rick Rose	Email	August 21, 2008	<ul style="list-style-type: none"> <li>In support of the Project</li> <li>Recently visited operation wind farms and noted the close proximity of grazing cattle and wind turbines without any disturbance</li> <li>Are sixth generation farmers within PEC and many similar families fully support the project</li> </ul>	<ul style="list-style-type: none"> <li>Thank you for your support of the Project</li> </ul>	Sept 18, 2008 (by Gilead)
Steven Draper	Email	August 28, 2008	<ul style="list-style-type: none"> <li>Requests contact at Hardy Stevenson</li> <li>Also requests any information regarding source material and report they're using</li> </ul>	<ul style="list-style-type: none"> <li>Provided contact information for Hardy Stevenson and Associates</li> </ul>	Sept 8, 2008
Ron Norton	Email	August 29, 2008	<ul style="list-style-type: none"> <li>In support of turbines in PEC</li> <li>Council should put a ceiling on number of turbines at 150</li> <li>Have opportunity to produce more than enough power for County</li> <li>Will benefit not only current and future generations, but also will entice buyers to our areas, thus increasing demand for housing</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Rick Bradford	Email (to Gilead)	Sept 1, 2008	<ul style="list-style-type: none"> <li>Home owner in PEC</li> <li>Interested in potential employment, transmission line and progress of the Project</li> </ul>	<ul style="list-style-type: none"> <li>Transmission line details are currently being discussed with Hydro One and will be provided in the ERR</li> <li>Operation and maintenance of the project will be outsourced and employment opportunities will be with the hired firm</li> <li>Project schedule was provided.</li> </ul>	Sept 5, 2008 (by Gilead)
Mayor Leo Finnegan	Email	Sept 2, 2009	<ul style="list-style-type: none"> <li>Presentation and handout were well done</li> <li>Where did the information regarding PEC adopting sustainable development principles and the Economic Development Office identifying wind projects as a way to stimulate economic development originate from?</li> </ul>	<ul style="list-style-type: none"> <li>The PEC Official Plan has identified that PEC has adopted the principles of sustainable development.</li> <li>The Milford and South Marysburgh Action Agenda found on the PEC website indicates that the Municipal Economic Development Office has identified wind projects as a way to stimulate economic development.</li> </ul>	Sept 3, 2008 (by Gilead)
Gord Gibbins	Email		<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Sent contact information for Hydro One</li> </ul>	Sept 2,

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				Networks in response to a request at the Public Open House	2008 (by Gilead)
Treat Hull	Email	Sept 2, 2008	<ul style="list-style-type: none"> <li>Highly impressed with the professionalism of the approach to the EA and site planning which should lead to the ultimate success of the Project</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Gord Gibbins	Email		<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>Attached a list of potential turbine suppliers and turbine specifications in response to a request at the Public Open House</li> </ul>	Sept 3, 2008 (by Gilead)
Rob Miller	Email	Sept 3, 2008	<ul style="list-style-type: none"> <li>Supports the project</li> <li>The rigorous regulatory and permitting and approvals process will ensure that a responsible project will be completed</li> <li>The Environmental Screening Process will address impacts, effects, and mitigation and am confident that the social, economic, and environmental benefits of the Ostrander Point wind farm development will far outweigh any minimal impacts.</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Beth Harrington	Email (to Gilead)	Sept 11, 2008	<ul style="list-style-type: none"> <li>Disputes a claim that the Gilead project will be smaller than most in the county</li> <li>Hundreds of 500 ft turbines off-shore turbine are planned off of Ostrander Point and will be connected to the Ostrander Point substation and transmission line.</li> </ul>	<ul style="list-style-type: none"> <li>Project will consist of 12 wind turbines and access roads utilizing less than 2% of the Ostrander Point Crown Land Block</li> <li>The project is much smaller in scale compared to other projects proposed in PEC</li> <li>Gilead is the Applicant of Record for three areas in Lake Ontario south of PEC. Expect to begin environmental and engineering studies in 2010 to determine the feasibility of developing the sites. Size and scale of the projects have not been defined.</li> <li>The projects would not be connected to the Hydro One system via the sub-station for the Ostrander Point Wind Energy Park</li> </ul>	Sept 18, 2008 (by Gilead)
Henri Garand	Email	Sept 11, 2008	<ul style="list-style-type: none"> <li>Writing regarding an erroneous statement in Ostrander display boards</li> </ul>	<ul style="list-style-type: none"> <li>Based on discussions with MNR, the tenant of the Crown Land is considered</li> </ul>	Jan 22, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
			<ul style="list-style-type: none"> <li>• “An increase to local tax base from annual municipal property assessment...”</li> <li>• as turbines are to be located on crown land, PEC cannot tax them or receive tax revenue</li> <li>• when will Gilead publish a notice of correction in the county’s local newspapers?</li> </ul>	<p>owner of the property for tax purposes and therefore has to pay municipal taxes on the land area leased from the Crown.</p> <ul style="list-style-type: none"> <li>• Approximately 11 hectares of the 324 hectare Crown land block will be leased for the Project.</li> <li>• Once the amount of land to be leased is finalized, Gilead will enter into discussions with the Municipality of Prince Edward County to establish the leased lands assessed value and determine the rate of municipal taxes to be paid. The final assessed rate will be documented in the Final Environmental Review Report (ERR).</li> <li>• Gilead will not be publishing a correction notice as the story board at our second Public Open House was correct. There will be an increase to the local tax base from annual municipal property assessment.</li> </ul>	
Erwin Batalla – Kingston Field Naturalists	Letter	Sept 22, 2008	<ul style="list-style-type: none"> <li>• pattern of migration for passerines and warblers should be mapped in the study area and the position of turbines adjusted to minimize possibility of bird collision</li> <li>• preset degree of bird mortality should be determined which would result in temporary turbine shutdown</li> <li>• similar study of bat distribution in study area should also be conducted</li> <li>• avoiding the south Bay Marsh Wetland and South Bay Coastal Wetland should be top priority</li> <li>• turbines 5,7, 12 are very close to wetlands or watercourse</li> <li>• moving turbine 5 and 7 by 20 m to southwest and turbine 12 by same amount to northwest would alleviate our concerns</li> <li>• biggest concern is construction phase – any</li> </ul>	<ul style="list-style-type: none"> <li>• Draft ERR is expected for release in January 2009</li> <li>• Aware the project is located in an IBA</li> <li>• Bird and bat surveys have been and will continue to be completed</li> <li>• Gilead is sponsoring a joint study with EC and Acadia University to monitor spring and fall nocturnal bird and bat migration</li> <li>• Final results of bird, bat and wildlife studies will be presented in the Draft ERR</li> <li>• A post-construction monitoring program will be developed in consultation with MNR and EC. Expected to include mortality monitoring for both birds and bats</li> <li>• Construction traffic is planned to access the site from County Rd 13 to Babylon Road to Helmer Rd</li> <li>• Transport Canada will require aviation</li> </ul>	Dec 9, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
			<p>construction plan that would avoid widening Helmer Road even temporarily would be desirable</p> <ul style="list-style-type: none"> <li>the most limited lighting should be sought as passerines are attracted to lights during migration – also insects drawn to lights will attract bats</li> </ul>	<p>safety lighting – lights with the shortest allowable flash durations and longest allowable pause between flashes are preferred.</p>	
Beth Harrington	Email	Oct 9, 2008	<ul style="list-style-type: none"> <li>A citizen in the Township of Amaranth has their property reassessed from \$255,000 to \$127,000 due to noise impact from the Melancthon transformer station</li> <li>Unacceptable that another flypath for North American migratory birds should be compromised</li> <li>What information will be published in the ERR regarding access roads and transmission lines and how detailed will it be?</li> </ul>	<ul style="list-style-type: none"> <li>Have documented your comments and they will be addressed in the ERR</li> <li>Draft ERR will be made available in mid-December</li> </ul>	Oct 15, 2008
Orville Walsh	Email	Oct 10, 2008	<ul style="list-style-type: none"> <li>The URL for the project website provided in the information newsletter does not work</li> </ul>	<ul style="list-style-type: none"> <li>Provide correct URL for the project website</li> </ul>	Oct 14, 2008
Sandra Goranson	Email	Oct 18, 2008	<ul style="list-style-type: none"> <li>Disputes accuracy of statement in Newsletter regarding amount of energy derived from wind power in Denmark</li> </ul>	<ul style="list-style-type: none"> <li>Provided link to source of information on the Danish Wind Industry Association's website</li> </ul>	Oct 21, 2008
Natalie Beauregard	Email	Nov 13, 2008	<ul style="list-style-type: none"> <li>Provided a report with respect to wind development on the south shore of PEC</li> <li>Report provided alternative project locations, list of environmental concerns (related to birds and wildlife habitat), socio-economic concerns, and cumulative effects</li> </ul>	<ul style="list-style-type: none"> <li>PEC has strong reliable wind and the location offers an ability to connect to the provincial grid and a location in proximity to areas of electricity demand</li> <li>Draft ERR is expected for release in January 2009</li> <li>Aware the project is located in an IBA</li> <li>Work has been done in advance of construction to document baseline environmental conditions</li> <li>Bird and bat surveys have and will continue to be conducted</li> <li>Gilead is sponsoring a joint study by EC and Acadia University to monitor spring and fall nocturnal bat and bird migration in</li> </ul>	Dec 9, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>the Study Area</p> <ul style="list-style-type: none"> <li>• A socio-economic assessment will be provided in the Draft ERR</li> <li>• Gilead has and will continue to make extra efforts to consult with the local community and keep residents informed about the Project</li> <li>• Cumulative effects will be considered in the ERR even though it is not specifically required under the Ontario <i>EAA</i>.</li> </ul>	
Orville Walsh	Email	Nov 20, 2008	<ul style="list-style-type: none"> <li>• Requested copy of visual simulation from across South Bay</li> </ul>	<ul style="list-style-type: none"> <li>• Attached visual simulations from the Open House and updated the Project website</li> </ul>	Nov 21, 2008
Mr. Brodeur	Email		<ul style="list-style-type: none"> <li>• N/A</li> </ul>	<ul style="list-style-type: none"> <li>• Introduced Project and Stantec as consultant retained by Gilead to complete the Environmental Review Report</li> <li>• Provided link to FTP site which contained the October 2008 Newsletter and display boards from the August 2008 Public Open House</li> </ul>	Nov 21, 2008
Elinor Hicks	Email	Nov 29, 2008	<ul style="list-style-type: none"> <li>• I have not as yet received any reply to my questions left at the Gilead Power open house last August</li> </ul>	<ul style="list-style-type: none"> <li>• The October newsletter was intended to address questions raised at the August Open House, I will provide answers to your questions within this email</li> <li>• Gilead is in discussion with Hydro One regarding the transmission line route and potential to use existing transmission lines/easements</li> <li>• If Gilead and Hydro One cannot come to an agreement, Gilead will work with Municipality</li> <li>• If Gilead and Municipality agree to a route using existing road right of ways a change to the County Official Plan would not be required</li> <li>• Based on the data collected to date we are confident that the wind park will meet or exceed Gilead's revenue projections</li> <li>• As required by the Province, a</li> </ul>	Dec 2, 2008

Name	Type of Correspondence	Date	Issue or Concern	Project Response	Date of Response
				<p>decommissioning plan will be included in the Environmental Review Report expected to be issued in early 2009</p> <ul style="list-style-type: none"> <li>In brief, the decommissioning plan would include removal of all equipment from the site and remediation of the site to the satisfaction of the landowner - the Province of Ontario.</li> </ul>	
Dave Gray	Email	Dec 18, 2008	<ul style="list-style-type: none"> <li>Supports the Project 100%</li> </ul>	<ul style="list-style-type: none"> <li>Thank you for your support</li> <li>The Draft ERR will be released in the next month for public review and comment</li> </ul>	Jan 14, 2009
Don Ross	Email	Dec 20, 2008	<ul style="list-style-type: none"> <li>Long-time wind energy supporters in PEC</li> <li>Look forward to taking friends and family to the Project site</li> <li>Appreciates the opportunities Gilead has provided to learn about wind energy (including the bus trip)</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	N/A
Alan Dacombe	Email	Jan 1, 2009	<ul style="list-style-type: none"> <li>Possible use of the existing hydro poles for the transmission line</li> <li>Wind power is essential to the community</li> <li>Commend the arrangement to exhibit the wind farm in Melancthon</li> </ul>	<ul style="list-style-type: none"> <li>Have not yet finalized transmission line route with HONI</li> <li>Thank you for informing us you would be willing to make arrangements for the use of your land to install transmission lines</li> <li>27 persons, both supporters and non-supporters, attended the bus tour</li> <li>while I don't believe we converted any non-supporters, it did provide an opportunity for everyone to form their own educated opinion on wind farms</li> <li>we are in the process of completing our draft ERR, which will be made available at the end of Jan 2009 a notice identifying the time frame for commenting as well as location where hard copies will be available will be sent to the project mailing list prior to the commencement of the review period</li> </ul>	Jan 9, 2009

### 3. Public Open House Questionnaire – August 28, 2008

Name	Issue or Concern	Project Response
Peter Kool	<ul style="list-style-type: none"> <li>Key issues are benefits from wind, noise levels, location</li> </ul>	<ul style="list-style-type: none"> <li>Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>The newsletters and accompanying information included:</li> <li>Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> </ul>
E. Schenkman	<ul style="list-style-type: none"> <li>Key issues are proper planning, buy North American, use sensitivity with respect to transmission line location</li> </ul>	<ul style="list-style-type: none"> <li>Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>The newsletters and accompanying information included:</li> <li>EA Process: Gilead has voluntarily elevated the Environmental Screening Report to an Environmental Review Report</li> <li>ERR will be prepared in accordance with the MOE's "Guide to Environmental Assessment requirements for Electricity Projects", under Regulation 116/01 of the Environmental Assessment Act</li> <li>Local Purchasing: Local goods/services will be used when available in sufficient quantity/at competitive prices</li> <li>Power Lines: final routing of 44 kV transmission line has not yet been determined</li> <li>Gilead is in discussions with Hydro One regarding potential transmission line routes and potential to utilize existing</li> </ul>

Name	Issue or Concern	Project Response
Lynette Pettit	<ul style="list-style-type: none"> <li>• Key issues are noise effect on birds, flickering, proximity to houses</li> <li>• migration is a concern – effect of strong lighting on birds, bright lights can throw them off course and crash into turbines</li> </ul>	<p>transmission lines and/or easements within the area</p> <ul style="list-style-type: none"> <li>• Efforts will be made to minimize tree/vegetation</li> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> <li>• Shadow Flicker: Shadow Flicker Assessment will be completed and its results will be presented in the ERR - anticipated shadow flicker occurrence at residences located near turbines will not be significant</li> <li>• Turbine Siting: environmental/social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure - setbacks will be established to ensure that environmental and social constraint areas will be avoided to the greatest extent possible</li> <li>• Effect of Turbine Lights on Birds: attraction of birds to wind turbines equipped with aviation safety lighting is greatly reduced by lighting only a subset of turbines and using lights which slowly flash on and off as opposed to lights - Gilead will work with Transport Canada to balance aviation safety, effects to avian fauna and effects to nearby residents</li> </ul>
Mike Pettit	<ul style="list-style-type: none"> <li>• concerned with light flashing and impact on migratory birds during night flight</li> <li>• be open about all facts involved, not just things which support the positive implications of its use</li> <li>• widespread animosity of people towards having too much</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> </ul>

Name	Issue or Concern	Project Response
	<p>development in their backyards is a mute point because of the relative isolation of your choice of site</p>	<ul style="list-style-type: none"> <li>• The newsletters and accompanying information included:</li> <li>• Effect of Turbine Lights on Birds: attraction of birds to wind turbines equipped with aviation safety lighting is greatly reduced by lighting only a subset of turbines and using lights which slowly flash on and off as opposed to lights - Gilead will work with Transport Canada to balance aviation safety, effects to avian fauna and effects to nearby residents</li> </ul>
Peter Richardson	<ul style="list-style-type: none"> <li>• key issues area visual impact of turbine units, lines and stations</li> <li>• noise and flicker impacts in this year round tourist community</li> <li>• some operators have found insect buildup on blades an efficiency problem and are considering automatic power wash equipment – where would water come from and go to</li> <li>• How is ice buildup on blades dealt with?</li> <li>• How far could ice be thrown from blades? How is other equipment and personnel to be protected?</li> <li>• Lightening protection would also be an interesting exercise</li> <li>• Any info on how flicker would affect epileptics?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Visual Change: A Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> <li>• Shadow Flicker: Shadow Flicker Assessment will be completed and its results will be presented in the ERR - anticipated shadow flicker occurrence at residences located near turbines will not be significant</li> <li>• Tourism: Gilead will study the potential effects of the Project on the tourism industry in Prince Edward County as part of the Socio-Economic – the study will be included as part of the ERR</li> <li>• Turbine Icing: when the rotor becomes unbalanced due to a change in blade weighting (e.g., caused by ice build up), turbine shuts itself off</li> <li>• blades will not restart their movement until the imbalance is removed</li> </ul>

Name	Issue or Concern	Project Response
		<ul style="list-style-type: none"> <li>• Lightning Protection: turbines and substation will be equipped with lightning protection systems designed to accept the electrical charge and transfer it to ground - systems may also be equipped with lightning strike sensors to determine the number of strikes/whether it is necessary to inspect turbine</li> <li>• Shadow Flicker: shadow flicker frequency which is proportional to the speed of the rotor will be calculated as part of the shadow flicker assessment</li> <li>• Typically, speed of the rotor for the size of turbine proposed for Project does not produce a flicker within range which triggers seizures for people with epilepsy</li> </ul>
Patricia Dye	<ul style="list-style-type: none"> <li>• Key issues are effect on wildlife and maintenance</li> <li>• acceptable sight and sound arrangement</li> <li>• lighting in relation to birdlife – studies</li> <li>• cost to municipality re: construction of roads</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Wildlife: In addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted</li> <li>• Continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation</li> <li>• Visual Change: Visual Change Assessment will be conducted to identify changes to viewscape and will model appearance of wind turbines from various vantage points throughout the surrounding area</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> </ul>

Name	Issue or Concern	Project Response
		<ul style="list-style-type: none"> <li>• Effect of Turbine Lights on Birds: attraction of birds to wind turbines equipped with aviation safety lighting is greatly reduced by lighting only a subset of turbines and using lights which slowly flash on and off as opposed to lights - Gilead will work with Transport Canada to balance aviation safety, effects to avian fauna and effects to nearby residents</li> <li>• Roads: Gilead will be responsible for acquiring necessary permits and will conduct any temporary or permanent road widening or upgrading activities in accordance with Prince Edward County.</li> </ul>
S. Ferguson	<ul style="list-style-type: none"> <li>• Key issues is the location of access roads to the site needed to transport the equipment</li> <li>• What is the proposed route to get the turbines to the site?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Siting of Access Roads: Environmental constraints such as the presence of wetlands, watercourses, and woodlots are key factors in siting Project infrastructure. Engineering, safety and operational considerations also affect where access roads and power lines are located - proposed location of access roads and power lines will be presented in the Draft ERR</li> </ul>
Alan and Carol Christie	<ul style="list-style-type: none"> <li>• Are there better places for wind farms?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> </ul>
Treat Hull	<ul style="list-style-type: none"> <li>• I am concerned that there is a lot of junk science being involved in public debate by opponents unnecessarily raising the heat</li> <li>• Would be interested in learning more of investment opportunities</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> </ul>
Deborah Anderson (Kevin)	<ul style="list-style-type: none"> <li>• Key issue is visual impact</li> <li>• habitat impact and emphasis on positive impact to the environment using clean every generation</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> </ul>

Name	Issue or Concern	Project Response
		<ul style="list-style-type: none"> <li>• The newsletters and accompanying information included:</li> <li>• Visual Change: A Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area</li> <li>• Wildlife: in addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted</li> <li>• We are also continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation. The final results of these activities will be presented in the ERR</li> <li>• Siting Turbines and Access Roads: environmental/social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure - setbacks will be established to ensure that environmental and social constraint areas will be avoided to the greatest extent possible</li> </ul>
Ben R. Thompson	<ul style="list-style-type: none"> <li>• The sooner the better</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> </ul>
Don Ross	<ul style="list-style-type: none"> <li>• ensuring minimal impacts on bird migration</li> <li>• will proposed hydro line route make an effort to leave as many trees standing as possible by situating poles prudently</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Birds: In addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted. We are also continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and</li> </ul>

Name	Issue or Concern	Project Response
		<p>current protocols, policies, and legislation.</p> <ul style="list-style-type: none"> <li>• Furthermore, Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</li> <li>• Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> <li>• Power Line Routing: final routing of 44 kV transmission line has not yet been determined. Gilead is in discussions with Hydro One regarding potential transmission line routes and potential to utilize existing transmission lines and/or easements within area. Efforts will be made to minimize tree/vegetation removal to accommodate the transmission line</li> <li>• In the event that tree/vegetation removal is required for transmission line, the appropriate mitigation measures will be presented within Draft ERR</li> </ul>
Pablo Willie	<ul style="list-style-type: none"> <li>• need to discredit arguments against wind: bird kills, bat kills, noise, mental disturbances</li> <li>• Maximum arrest force can fill all your rope access needs: nacelle, tower cleaning, blades and tower inspection, paint and fibreglass repair</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project response</li> </ul>
Kevin J. Anderson	<ul style="list-style-type: none"> <li>• noise levels and visual impacts</li> <li>• what other projects have you completed in Canada or USA</li> <li>• What other Projects are being considered and locations?</li> <li>• Have previous projects met/exceeded/missed expectations?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> </ul>

Name	Issue or Concern	Project Response
		<ul style="list-style-type: none"> <li>• Visual Change: A Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area</li> <li>• Cumulative Effects: although not required under the provincial Environmental Assessment Process, cumulative effects will be considered within the ERR</li> </ul>
Jennifer Johnstone	<ul style="list-style-type: none"> <li>• need to reassure stakeholders</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> </ul>
Robin St. George	<ul style="list-style-type: none"> <li>• educate people of the 'actual' effects of the turbines</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> </ul>
Dale and Rebecca Insley	<ul style="list-style-type: none"> <li>• assure us that our quality of life will be maintained</li> <li>• would like to know exact location of proposed routes for the transmission lines and construction routes</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Access Road and Power Line Siting: environmental constraints such as the presence of wetlands, watercourses, and woodlots are key factors in siting Project infrastructure. Engineering, safety and operational considerations also affect where access roads and power lines are located</li> <li>• Final routing of the main 44 kV transmission line has not yet been determined. Gilead is in discussions with Hydro One regarding potential transmission line routes and the potential to utilize existing transmission lines and/or easements within the area. Efforts will be made to minimize tree/vegetation removal to accommodate the transmission line. In the event that tree/vegetation removal is required for the transmission line, the appropriate mitigation measures will be presented within the Draft ERR</li> </ul>
Steve Flynn	<ul style="list-style-type: none"> <li>• noise, view, profit sharing, dismantling need to be addressed</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included</li> </ul>

Name	Issue or Concern	Project Response
		<p>responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</p> <ul style="list-style-type: none"> <li>• The newsletters and accompanying information included:</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> <li>• Visual Change: A Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area</li> <li>• Decommissioning: Although no definitive decommissioning plan has been finalized at this stage, it is foreseeable that at end of Project's useful life, structures will be dismantled. In general, the physical works involved in dismantling Project infrastructure follow procedures and practices required for their construction.</li> </ul>
Erwin Batalla	<ul style="list-style-type: none"> <li>• need to address balance of cost/benefit for wind power</li> <li>• impact on local residents</li> <li>• impact on community</li> <li>• can we receive information on bird and bat surveys conducted until now?</li> <li>• Are observations of Blanding turtles available</li> <li>• Road network required to build the towers will have significant environmental impact</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Newsletters included information regarding potential effects to local residents/communities on a variety of topics</li> <li>• Access Road Siting: environmental constraints such as the presence of wetlands, watercourses, and woodlots are key factors in siting Project infrastructure. Engineering, safety and operational considerations also affect where access roads and power lines are located</li> </ul>
Sergio de Sousa	<ul style="list-style-type: none"> <li>• preserving environment and nature</li> <li>• is this your first project re: wind power?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House</li> </ul>

Name	Issue or Concern	Project Response
	<ul style="list-style-type: none"> <li>What kinds of returns (profits) are you expecting?</li> </ul>	<p>along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</p>
Brian Mellor	<ul style="list-style-type: none"> <li>Key issues are birds and wildlife</li> <li>Have there been many struck by lightening? What frequency? What sorts of repairs were needed?</li> </ul>	<ul style="list-style-type: none"> <li>Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>The newsletters and accompanying information included:</li> <li>Birds and Wildlife: In addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted. We are also continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation</li> <li>Furthermore, Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</li> <li>Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> <li>Lightening Protection: turbines and substation will be equipped with lightning protection systems designed to accept the electrical charge and transfer it to the ground - systems may also be equipped with lightning strike sensors to determine number of strikes and whether it is necessary to inspect the turbine</li> </ul>
Anonymous	<ul style="list-style-type: none"> <li>noise is main concern</li> </ul>	<ul style="list-style-type: none"> <li>Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>The newsletters and accompanying information included:</li> <li>Noise: MOE noise guidelines for wind turbines, to which the</li> </ul>

Name	Issue or Concern	Project Response
		<p>Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</p>
Anonymous	<ul style="list-style-type: none"> <li>• buy North American</li> <li>• proper maintenance of equipment after installed</li> <li>• community co-op would have been my preference as in Germany</li> <li>• grandparents planted maple trees on Maypul layn Rd – would like to see them preserved</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Local Purchasing: Local goods/services will be used when available in sufficient quantity/at competitive prices</li> <li>• A number of turbine manufacturers are being considered and a specific turbine type for this Project has not yet been finalized; however, one of turbines being considered is manufactured by AAER Inc. a North American manufacturer located in Quebec</li> <li>• Turbines will be operated in a manner consistent with nationally recognized standards for operation of wind turbine facilities in Canada. Gilead will hire specialized technicians to carry out the various operation and maintenance activities associated with the turbines and ancillary facilities.</li> <li>• Power Line Routing: final routing of 44 kV transmission line has not yet been determined. Gilead is in discussions with Hydro One regarding potential transmission line routes and potential to utilize existing transmission lines and/or easements within area. Efforts will be made to minimize tree or vegetation removal to accommodate the transmission line</li> <li>• In event that tree or vegetation removal is required for transmission line, appropriate mitigation measures will be presented within Draft ERR</li> </ul>
T. A. Starkey	<ul style="list-style-type: none"> <li>• main concern is noise</li> <li>• secondary concern is fact that wind turbines are eyesores</li> <li>• concerned that the county expenses on road, etc. – will cost us a lot more taxes to PEC</li> <li>• worry about effect on wildlife</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> </ul>

Name	Issue or Concern	Project Response
	<ul style="list-style-type: none"> <li>• consider all potential development and to pick best for county or for the county to do it itself</li> <li>• would like more information on long term impact of wind farms in Europe</li> </ul>	<ul style="list-style-type: none"> <li>• The newsletters and accompanying information included:</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> <li>• Visual Change: A Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area</li> <li>• Wildlife: In addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted</li> <li>• continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation</li> <li>• Furthermore, Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</li> <li>• Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> <li>• Access Roads: Gilead will be responsible for acquiring the necessary permits and will conduct any temporary or permanent road widening or upgrading activities in accordance with Prince Edward County requirements - temporary roads will be restored to their pre-construction conditions following completion of construction</li> <li>• As appropriate, affected roadside ditches and drains will be revegetated if required and monitored to ensure that they are</li> </ul>

Name	Issue or Concern	Project Response
		<p>functioning properly</p> <ul style="list-style-type: none"> <li>Wind Industry in Europe: wind is one of the most popular forms of electricity generating technologies in the European Union, comprising 40% of new power installations. Spain is leading in the development of new wind power installations with a record of installing 3,522 MW in 2007, the highest amount of wind installation in one year in Europe's history</li> </ul>
Rosalie Starkey	<ul style="list-style-type: none"> <li>What is the fall back when the wind is not blowing?</li> <li>What provisions are provided if the 50 story tower have to be removed?</li> <li>What provisions is made for the people affected by the flicker and the noise?</li> <li>Why can't we wait to see the fall out from Wolfe Island turbines to see if PEC really wants this</li> </ul>	<ul style="list-style-type: none"> <li>Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>The newsletters and accompanying information included:</li> <li>Ontario's Electricity Supply Mix: OPA in conjunction with the Independent Electricity System Operator are also responsible for determining appropriate electricity supply mix so that Province's electricity supply is stable and reliable- wind power is part of Ontario's electricity supply mix</li> <li>Decommissioning: no definitive decommissioning plan has been finalized at this stage, it is foreseeable that at the end of the Project's useful life structures will be dismantled. In general, physical works involved in dismantling the Project infrastructure follow the procedures and practices required for their construction</li> <li>Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> <li>Shadow Flicker: A Shadow Flicker Assessment will be completed and its results will be presented in the ERR - anticipated that shadow flicker occurrence at residences located near turbines will not be significant</li> </ul>
Henri Garand	<ul style="list-style-type: none"> <li>effects on the public in terms of noise, health, safety, property values and environmental degradation of an important bird area</li> </ul>	<ul style="list-style-type: none"> <li>Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House</li> </ul>

Name	Issue or Concern	Project Response
	<ul style="list-style-type: none"> <li>would like to receive the peer-reviewed studies on property values</li> </ul>	<p>along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</p> <ul style="list-style-type: none"> <li>The newsletters and accompanying information included:</li> <li>Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> <li>Health: Throughout the ESP, Gilead will solicit comments from health - related government agencies and organizations. Information regarding public health and safety will be included in the ERR</li> <li>IBA: Canadian Wildlife Service, in their Wind Turbines and Birds guidance document, consider proposed wind farm sites in or adjacent to IBAs to be "High Sensitivity" and require more detailed preconstruction studies to determine potential impacts</li> <li>no provincial or federal policy addresses the placement of wind turbines in IBAs</li> <li>pre-construction bird monitoring implemented for Project has been developed in consultation with Canadian Wildlife Service/Environment Canada and in consideration of IBA status of the area</li> <li>Property Values: Based upon the data reviewed to date in other areas with established wind farms, no evidence of a material negative effect on property value as a result of the presence of wind farms was documented</li> </ul>
Elinor Hicks	<ul style="list-style-type: none"> <li>transmission lines and their locations</li> <li>changes to the County's master plan</li> <li>if the anticipated power from the turbines does not meet expectations/economic projections, will these towers be removed, who will be responsible for the cost?</li> </ul>	<ul style="list-style-type: none"> <li>Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>The newsletters and accompanying information included:</li> <li>Power line routing: final routing of main 44 kV transmission line has not yet been determined. Gilead is currently in discussions</li> </ul>

Name	Issue or Concern	Project Response
		<p>with Hydro One regarding potential transmission line routes and potential to utilize existing transmission lines and/or easements within the area. Efforts will be made to minimize tree/vegetation removal to accommodate transmission line. In the event that tree/vegetation removal is required for the transmission line, appropriate mitigation measures will be presented within the Draft ERR.</p> <ul style="list-style-type: none"> <li>• Decommissioning: in unlikely event that Gilead is no longer capable of operating the wind park, the responsibility would not fall to the province - Gilead would option the Project to another operator. If for some reason the Project can't be sold, it would be decommissioned</li> <li>• Although no definitive decommissioning plan has been finalized at this stage in the planning process, it is foreseeable that at the end of the Project's useful life the structures will be dismantled. In general, the physical works involved in dismantling the Project infrastructure follow the procedures and practices required for their construction</li> </ul>
Jim McPherson	<ul style="list-style-type: none"> <li>• visual impact – not only of wind farm itself but also of transmission lines to the substation, and consequently from the substation on the grid</li> <li>• Can you save the maple trees on Maypul Layn Road?</li> <li>• What will the county get out of it? What increased tax benefits? What other amenities? Any road improvements?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Visual Change: A Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area.</li> <li>• Power Line Routing: final routing of main 44 kV transmission line has not yet been determined. Gilead is currently in discussions with Hydro One regarding potential transmission line routes and potential to utilize existing transmission lines and/or easements within area. Efforts will be made to minimize tree/vegetation removal to accommodate the transmission line. In event that tree or vegetation removal is required for the transmission line, the appropriate mitigation measures will be presented within Draft ERR.</li> <li>• Economic Benefits: estimate that approximately 14% or \$5.3 million in construction expenditures will accrue to persons and</li> </ul>

Name	Issue or Concern	Project Response
		<p>businesses in the local area</p> <ul style="list-style-type: none"> <li>• increase to local tax base from annual municipal property tax while limited to no increased demand on local services such as garbage collection and water/wastewater service;</li> <li>• Road Improvements: Gilead will be responsible for acquiring the necessary permits and will conduct any temporary or permanent road widening or upgrading activities in accordance with Prince Edward County requirements. All temporary roads will be restored to their pre - construction conditions following completion of construction. As appropriate, affected roadside ditches and drains will be revegetated if required and monitored to ensure that they are functioning properly.</li> </ul>
Steven Draper	<ul style="list-style-type: none"> <li>• most information is generally based on other projects, in other areas</li> <li>• industrial wind turbines threaten the unique creative rural economy, landscape, and lifestyle of PEC</li> <li>• there are better alternatives that should be used</li> <li>• value of my property has been affected according to realtors</li> <li>• inappropriate development of industrial wind energy will damage public opinion of wind energy</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Property Value: based upon data reviewed to date in other areas with established wind farms (e.g., Canada, USA, Europe, and Australia), no evidence of a material negative effect on property value as a result of the presence of wind farms was documented. Potential effects on property values will also be assessed in ERR as part of the Socio-Economic Impact Assessment being completed for the Project - results will be provided within Draft ERR</li> </ul>
Allan Ross	<ul style="list-style-type: none"> <li>• concern re: environmental impacts (birds)</li> <li>• natural impact, cumulative impact of multiple projects must be taken into account</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Birds: In addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted</li> <li>• continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and</li> </ul>

Name	Issue or Concern	Project Response
		<p>current protocols, policies, and legislation</p> <ul style="list-style-type: none"> <li>• Furthermore, Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</li> <li>• Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> <li>• Cumulative Effects: although not required under the provincial Environmental Assessment Process, cumulative effects will be considered within the ERR</li> </ul>
Anonymous	<ul style="list-style-type: none"> <li>• Doubtful all this effort will supply an appreciable percentage of future energy needs.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Ontario's Energy Supply Mix: in June 2006, Ministry of Energy directed the Ontario Power Authority to proceed with its recommended 20-year electricity supply mix plan which specifies a movement away from coal in favour of new nuclear power and renewable energy</li> <li>• As part of the plan, the government of Ontario has made a direct commitment to the generation of renewable electricity by establishing wind power as a part of Ontario's overall electricity supply mix. Furthermore, the Provincial Government has set targets that will double energy efficiency through conservation and double the amount of energy from renewables (bringing the total to 15,700 MW) by 2025 (OPA, 2005)</li> </ul>
Elizabeth Blakely	<ul style="list-style-type: none"> <li>• Have studies been done on land value impact near wind farms?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Property values: based upon the data reviewed to date in other areas with established wind farms, no evidence of a material</li> </ul>

Name	Issue or Concern	Project Response
		<p>negative effect on property value as a result of the presence of wind farms was documented.</p> <ul style="list-style-type: none"> <li>Potential effects on property values will also be assessed in the ERR as part of the Socio-Economic Impact Assessment being completed for the Project</li> </ul>
Daphne Walsh	<ul style="list-style-type: none"> <li>accurate indication of visual effect was not given, other than view 1</li> <li>actual noise effect was not shown, no real indication of effect on property value</li> <li>need studies on effects on migrating birds, bats and butterflies, noise effects, effects on property values, environmental effects of construction, visual effects</li> <li>must consider cumulative effects</li> <li>all dwellings shown on noise effect map would fall within the 30 DB noise range, can the inhabitants continue to live there at that noise level? And more importantly, will they be able to sell their homes?</li> </ul>	<ul style="list-style-type: none"> <li>Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>The newsletters and accompanying information included:</li> <li>Visual Change: A Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area</li> <li>Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> <li>Property Values: Based upon the data reviewed to date in other areas with established wind, no evidence of a material negative effect on property value as a result of the presence of wind farms was documented. Potential effects on property values will also be assessed in the ERR as part of the Socio-Economic Impact Assessment being completed for the Project</li> <li>Wildlife: In addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted. We are also continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation</li> <li>Furthermore, Gilead is sponsoring a joint study conducted by</li> </ul>

Name	Issue or Concern	Project Response
		<p>Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</p> <ul style="list-style-type: none"> <li>• Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> <li>• Cumulative Effects: although not required under the provincial Environmental Assessment Process, cumulative effects will be considered within the ERR</li> </ul>
Orville Walsh	<ul style="list-style-type: none"> <li>• turbines should not be placed close to environmentally sensitive site</li> <li>• turbine make/size not known</li> <li>• method of installing turbines not known</li> <li>• visual impact photo montages misleading – no information on viewing distance provided</li> <li>• Environmental Assessment process is flawed, self assessment is not appropriate</li> <li>• Suggested setbacks from roads, property lines are totally inadequate</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Turbine Siting: environmental and social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure</li> <li>• Consistent with the principles of avoidance, setbacks will be established to ensure that environmental and social constraint areas will be avoided to the greatest extent possible. Where appropriate and necessary, the Project design will be revised to mitigate any identified issues. Where Project siting and design can not solely address potential environmental effects, protection and mitigation measures and rehabilitation measures will be applied. Final turbine setbacks will be provided within the Draft ERR</li> <li>• Erection of Turbines: typically the tower will be delivered to site in three sections and assembled using moderate - lift wheeled crane for the bottom two sections and heavy - lift crawler crane to erect third tower section</li> <li>• nacelle arrives on - site assembled and is lifted into place by heavy - lift crane</li> <li>• rotor consists of a hub and three blades, and is hoisted into place in one piece by up to three cranes: a large crawler crane does the heavy lifting, while smaller tailing cranes stabilize component as it is being lifted</li> </ul>

Name	Issue or Concern	Project Response
		<ul style="list-style-type: none"> <li>• blades, nacelle, and tower sections will be delivered on oversize vehicles</li> <li>• crawler cranes due to their size and weight will be shipped in individual pieces and then assembled on - site</li> <li>• Visual change: Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area</li> <li>• Setbacks: Environmental and social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure</li> <li>• Consistent with the principles avoidance, setbacks will be established to ensure environmental and social constraint areas will be avoided to greatest extent possible. Final turbine setbacks will be provided within Draft ERR</li> </ul>
Anonymous	<ul style="list-style-type: none"> <li>• need to address birds and sound</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• birds: In addition to completing a detailed review of previous studies conducted in the area, bird, bat and other wildlife surveys have and will continue to be conducted. We are also continuing to work with government agencies, such as the Ontario Ministry of Natural Resources, Environment Canada, and the Canadian Wildlife Service, to ensure that our data collection and analysis methodologies adhere to relevant and current protocols, policies, and legislation</li> <li>• Furthermore, Gilead is sponsoring a joint study conducted by Environment Canada and Acadia University to monitor spring and fall nocturnal bat and bird migration in the vicinity of the Study Area using radar equipment</li> <li>• Study has been designed to distinguish birds from bats during the fall migration period through the use of an acoustic monitoring device in conjunction with radar devices - final results of bird, bat and other wildlife studies will be presented in the ERR</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the</li> </ul>

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		<p>Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</p>
James Taylor	<ul style="list-style-type: none"> <li>• need a recording of sound at various windspeeds and distances from base of windmill</li> <li>• worst-case scenario included</li> <li>• When will I hear it, 1 km from base in direction of wind?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> </ul>
Marilyn Lauer	<ul style="list-style-type: none"> <li>• what are the effects on the environment, people and the communities</li> <li>• how much public money is funding project?</li> <li>• Wind energy is sporadic, unreliable, can't be stored</li> <li>• Low rate of efficiency and require back-up power</li> <li>• Why aren't we developing solar, much less intrusive on the environment and people</li> <li>• In many places in Europe, they've had enough and want no more industrial turbines</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Newsletter included information regarding potential effects to environment and communities regarding a variety of topics</li> <li>• Wind Industry in Europe: wind is one of the most popular forms of electricity generating technologies in the European Union, comprising 40% of new power installations. Spain is leading in the development of new wind power installations with a record of installing 3,522 MW in 2007, the highest amount of wind installation in one year in Europe's history</li> <li>• In Denmark, between 2001 and 2003, a replacement agreement was implemented to replace smaller turbines with</li> </ul>

Name	Issue or Concern	Project Response
		<p>larger turbines that have a greater capacity as well as to optimize turbine siting</p> <ul style="list-style-type: none"> <li>• A new replacement agreement was also implemented in 2004 and is scheduled to run to 2009</li> <li>• Approximately 20% of electricity consumed in Denmark today is from wind power. The Danish Wind Industry Association is aiming for a target of 35% wind power by 2015</li> </ul>
Dianna Wilson	<ul style="list-style-type: none"> <li>• Concerned about health risks (noise, stray voltage, unfiltered electricity)</li> <li>• How financially sound is Gilead and are they interested in a buy-out of the project?</li> <li>• Why is the project in such an environmentally sensitive area?</li> <li>• Did the Ontario government take into consideration the construction of hydro lines?</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Health: Throughout ESP, Gilead will solicit comments from health - related government agencies and organizations - information regarding public health and safety will be included in the ERR</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural - sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</li> <li>• Stray Voltage: proposed 44 kV main transmission line will be designed, engineered and constructed with the appropriate grounding devices such that stray voltage will not occur</li> <li>• Gilead Power: Gilead has seven full time employees and approximately ninety private investors. Gilead is well financed through private equity, and has expertise in identifying, assessing and developing potential renewable energy projects</li> </ul> <p><i>Additional information provided for the ERR</i></p> <ul style="list-style-type: none"> <li>• The Project is not located within an Environmentally Sensitive Area such as a Provincially Significant Wetland or ANSI. Many technical studies have been completed to document the baseline conditions and assess any potential impacts</li> <li>• The construction of the collector and transmission lines is</li> </ul>

Name	Issue or Concern	Project Response
Gord Gibbins	<ul style="list-style-type: none"> <li>• Some of the information was misleading (setbacks, views, comparison of types of energy)</li> <li>• Need to address cumulative effects</li> <li>• Socio-economic effects need to be stratified by how close a person is to a turbine</li> <li>• Skypower will not build in an IBA, why will Gilead?</li> <li>• Will Gilead be bought out?</li> </ul>	<p>assessed within the Draft ERR.</p> <ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Cumulative Effects: although not required under the provincial Environmental Assessment Process, cumulative effects will be considered within the ERR</li> <li>• Socio-economic Impact Assessment: indicated a Socio-Economic Impact Assessment has been commissioned by Gilead</li> <li>• IBA: Canadian Wildlife Service, in their Wind Turbines and Birds guidance document, consider proposed wind farm sites in or adjacent to IBAs to be “High Sensitivity”. Such sites require more detailed preconstruction</li> <li>• no provincial or federal policy addresses the placement of wind turbines in IBAs</li> <li>• pre-construction bird monitoring implemented for the Project has been developed in consultation with the Canadian Wildlife Service/Environment Canada</li> <li>• Gilead Power: in unlikely event that Gilead is no longer capable of operating the wind park, the responsibility would not fall to the province</li> <li>• Gilead would option the Project to another operator</li> </ul>
Janice Gibbins	<ul style="list-style-type: none"> <li>• Why is the Ontario Government allowing Gilead to build in an IBA?</li> <li>• Building in an IBA violates international law (Migratory Bird Act, Species at Risk) and federal guidelines for the placement of turbines</li> <li>• Will Gilead be bought out?</li> <li>• Will be no economic benefits to the County</li> <li>• Will be major environmental impacts.</li> <li>• Stray voltage is an issue and residents along the transmission route have not been consulted with</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• IBA: Canadian Wildlife Service, in their Wind Turbines and Birds guidance document, consider proposed wind farm sites in or adjacent to IBAs to be “High Sensitivity”. Such sites require more detailed preconstruction</li> <li>• no provincial or federal policy addresses the placement of wind turbines in IBAs</li> <li>• pre-construction bird monitoring implemented for the Project</li> </ul>

Name	Issue or Concern	Project Response
		<p>has been developed in consultation with the Canadian Wildlife Service/Environment Canada</p> <ul style="list-style-type: none"> <li>• Migratory Bird Convention Act: Environment Canada recognizes that a small number of incidental takes (incidental takes would include birds colliding with turbines), although not permitted by the MBCA, do not impact overall bird populations</li> <li>• Therefore, Environment Canada is planning to amend MBCA, with objective of long-term conservation and protection of migratory bird populations</li> <li>• amendment aims to have clear, effective and enforceable regulations that provide practical alternatives. Under the amendment, a wind farm could operate if it is demonstrated that the operation results in a relatively low frequency of incidental takes that would not impact the long-term conservation and protection of bird populations</li> <li>• Economic Benefits: 14% or \$5.3 million in construction expenditures will accrue to persons and businesses in the local area during construction</li> <li>• An increase to the local tax base from annual municipal property tax while limited to no increased demand on local services such as garbage collection and water/wastewater service</li> <li>• Stray Voltage: proposed 44 kV main transmission line will be designed, engineered and constructed with the appropriate grounding devices such that stray voltage will not occur</li> </ul>
Lillian and Benjamin Rose	<ul style="list-style-type: none"> <li>• Own property to the east side of Ostrander Point Rd.</li> <li>• Concerned about construction damage to Ostrander Point Rd and access to the road during construction</li> <li>• Other issues include noise, transportation routes and methods, and damage to wetlands and wooded areas.</li> <li>• Hope the change will not be too drastic.</li> </ul>	<ul style="list-style-type: none"> <li>• Sent October Project Information Newsletter which included responses to new comments raised at the Public Open House along with a link to the Project website with more detailed responses to information not covered in the July Newsletter or accompanying detailed list of Project responses</li> <li>• The newsletters and accompanying information included:</li> <li>• Road Condition: Gilead will be responsible for acquiring necessary permits and will conduct any temporary/permanent road widening or upgrading activities in accordance with Prince Edward County requirements</li> <li>• temporary roads will be restored to their pre - construction conditions following completion of construction.</li> <li>• Noise: MOE noise guidelines for wind turbines, to which the Project must adhere, are most stringent for Class 3 Rural -</li> </ul>

Name	Issue or Concern	Project Response
		<p>sound level limit at Point of Reception in Class 3 Areas, under conditions of average wind speeds up to 6 m/s (22 km/h) is 40 dBA between the hours of 7 PM and 7 AM. Background ambient sound levels for Class 3 Areas range from about 33 dBA at wind speeds of 6 m/s up to about 46 dBA at wind speeds of 11 m/s - ENIA will be submitted to the MOE for technical review and approval and presented in Draft ERR</p> <ul style="list-style-type: none"> <li>• Visual change: Visual Change Assessment will be conducted to identify changes to the viewscape and will model appearance of turbines from various vantage points throughout surrounding area</li> <li>• Setbacks: Environmental and social constraints such as the presence of residences, roads, wetlands, watercourses, and woodlots are key factors in siting Project infrastructure</li> </ul>

## **Appendix I10**

# **First Nations Engagement**



## Ostrander Point Wind Energy Park Project Mohawks of the Bay of Quinte Summary Table

Date	Information Requested	Mohawks of the Bay of Quinte Response
September 1, 2005		MBQ correspondence regarding upcoming meeting that had been arranged, including a list of questions they would like Gilead to address at the meeting (September 1, 2005)
September 14, 2005	Meeting with MBQ, Gilead, and MNR. Discussion of Gilead's plan for wind testing on the Ostrander Point Crown Land parcel, by erecting a 60m meteorological tower with several wind data gathering instruments, for a minimum of one year	MBQ band Council did not object to wind testing. Additional discussion will be required if Gilead elects to pursue developing the Crown Land site
December 10, 2007	Notice of Commencement sent to MBQ	
February 4, 2008	Meeting with MBQ, Gilead, and MNR. Bryan Sears (MNR) presents Aboriginal Consultation-Gilead Power Proposal Ostrander Point Crown Block document. Presentation by Paul Pede. Material handed out: Story Boards from EA Open House, Fact Sheets	Chief Maracle raises issues of peer review, revenue Sharing, land claim, hunting, harvesting, rise in water levels in lake, compensation for loss of use, funding for TEK study. Meeting not to constitute consultation, duty of the Crown to consult. All information to be left with Todd Kring – Capital Project Manager
February 6, 2008	MBQ correspondence outlining the meeting summary and concerns regarding impacts to inherent rights to hunt, financial compensation, funding support for document review and Crown duty to consult	Gilead delivers documents, arranges a community visit and follow up meeting
March 6, 2008	Email to Todd Kring (MBQ) regarding MBQ's availability to receive the Visual Impact Assessment, Stage 1 Archeological Assessment, Bird Monitoring	Todd Kring requests information be dropped off at reception (March 6, 2008)
March 10, 2008	MBQ enquires about arrival of the reports from Gilead	Gilead delivers documents, which are received at MBQ reception the following day (March 11, 2008)
March 24, 2008	Gilead email to Todd Kring regarding community visit	
March 29, 2008	Gilead email to Todd Kring regarding community visit	
May 20, 2008	Notice of Modification sent to MBQ. Letter also notifies MBQ that Stantec is now the lead consultant.	
June 29, 2008	Gilead meeting with CAO Rod Jefferies (MBQ) regarding community issues, project update, UXO and Geotechnical Investigations underway, Stage 2 Archaeology and community assistance, arrange meeting with MBQ Council	MBQ will review reports, arrange meeting with MBQ Sustainable Development Office, will follow up MBQ Council on Open House and Community Benefits
August 8, 2008	Invitation to the Public Open House sent to MBQ	





# MOHAWKS OF THE BAY OF QUINTE

R.R. #1, Tyendinaga Mohawk Territory, Ontario, K0K 1X0

Phone: (613) 396-3424 • Fax: (613) 396-3627

September 1, 2005

Gilead Power Corporation  
Attn: Paul Pedi  
1576 Forest Hill Blvd.  
Peterborough, Ont.  
K9J 7T5

Dear: Mr. Pedi,

On August 17, 2005, Tyendinaga Mohawk Council agreed to set a meeting date with Gilead Power Corporation, on September 12<sup>th</sup>, 2005 at 2:30 pm.

The Mohawks of the Bay of Quinte are giving notice we have not surrendered, or alienated in any way our aboriginal and treaty rights or aboriginal title to the bed of Lake Ontario. The Mohawks of the Bay of Quinte asserted aboriginal title and rights to the proposed Crown Land site that is being developed for possible wind power generation.

The following are a few questions that Council wishes to discuss during the meeting on September 12<sup>th</sup>, 2005

- What effects will the project have on Aboriginal and Treaty Rights?
- What will be the effects will the project have on fish and wildlife habitat?
- Will your company pay royalty payments to Mohawks of the Bay of Quinte?

If you require further assistance, please contact Kristin Maracle at (613) 396-3424 ext. 125. I look forward to meeting you on September 12<sup>th</sup>, 2005.

Sincerely,

Chief R. Donald Maracle

Cc: TMC  
Steve Mercer – CAO  
Rick Topping – MNR  
File



Environmental Engineering Scientific Management Consultants

7271 Warden Avenue Markham ON Canada L3R 5X5

Bus 905 474 7700 Fax 905 479 9326

www.jacqueswhitford.com



VIA E-MAIL : rdonm@mbq-tmt.org

Project No.: 1007732.02

December 17, 2007

Ô@-ÄÛÖ[] æåÁ ææ&^ V^} ää æ æÁ [ @ç \Á^||ä[ i^ ÚËÛÖ[] çÁÍ Û@}[] çå^ËÛPÁSESÁÖE

Dear Ô@-ÄÛÖ[] æå&^:

Re: Notice of Commencement for a Proposed Wind Energy Park Ostrander Point Crown Land Block South Marysburgh, Prince Edward County, Ontario

Gilead Power Corporation (Gilead) is planning to construct a wind power facility in the southern portion of Prince Edward County. The primary study area will be located on property within the Ward of South Marysburgh, southeast of Milford. The Primary Study Area is bounded by Ostrander Point Road on the east, Lake Ontario to the south, Babylon Road and Helmer Road to the north and west of Petticoat Road to the west (see attached notice). The Wind Energy Park (Project) will have a nameplate capacity of approximately 20 MW and is planned to connect to the Hydro One electrical grid.

Gilead has retained Jacques Whitford Limited (Jacques Whitford) to assist in the environmental assessment (EA) process for this project following the requirements of a Screening and Environmental Review under the Ontario Environmental Screening Process for electricity projects (Ontario Environmental Assessment Act, Electricity Projects Regulation 116/01). As part of this process, Jacques Whitford is contacting regulatory agencies and stakeholders in order to identify environmental and socio-economic concerns as they relate to Gilead's proposed wind park in Prince Edward County. An Open House will be scheduled early in the New Year to provide information to local residents.

In order to further the consultation process, we are requesting submissions outlining any comments, concerns or additional information that you or your organization may have regarding the proposed Project. Submissions may be in reference to any facet of the Project, including environmental. Specific comments regarding environmental factors could include, but are not limited to, the following:

Jacques Whitford

An Environment of Exceptional Solutions

Registered to ISO 9001:2000

Fisheries and Aquatic Habitats; Contaminated Property, Waste Management;  
Rare or Sensitive species; Terrestrial Ecosystem;  
Noise; Archaeological or Cultural Heritage;  
Tourism; Navigable Water; and,  
Recreation; Commercial, Industrial, Residential, or  
Community Facilities.

Comments and information regarding this project are being collected to assist the Project Team in meeting the requirements of the Ontario Environmental Assessment Act (OEAA). These comments will be maintained for reference throughout the project and will become part of the Public Record.

Should you wish to provide additional information or comment on the Project, we respectfully request a response by January 18, 2008. Your response may be provided by letter, or by e-mail. Should you or your organization decline to respond, for the purpose of documentation in the report, "no issues or concerns identified" will be recorded.

All information, comments and questions may be directed to:

**Michael J. Lord**  
Vice President  
Gilead Power Corporation  
150 King Street East, Suite 5E  
Peterborough, ON K9J 2R9

and/or

**Marnie Dawson**  
Project Manager  
Jacques Whitford  
7271 Warden Avenue  
Markham, ON L3R 5X5

Telephone: (705) 750-1023  
Fax: (705) 750-1430  
e-mail: [mike.lord@gileadpower.com](mailto:mike.lord@gileadpower.com)

Telephone: (905) 747-7743  
Fax: (905) 749-9326  
E-mail: [marnie.dawson@jacqueswhitford.com](mailto:marnie.dawson@jacqueswhitford.com)

Please do not hesitate to contact me at (905) 747-7743, Fax: (905) 749-9326 or via E-mail at [marnie.dawson@jacqueswhitford.com](mailto:marnie.dawson@jacqueswhitford.com) if you have any questions or require further information.

Yours very truly,

**JACQUES WHITFORD LIMITED**

***ORIGINAL SIGNED BY AUTHOR***

Marnie Dawson, B.Sc.  
Project Manager

MD/HK/

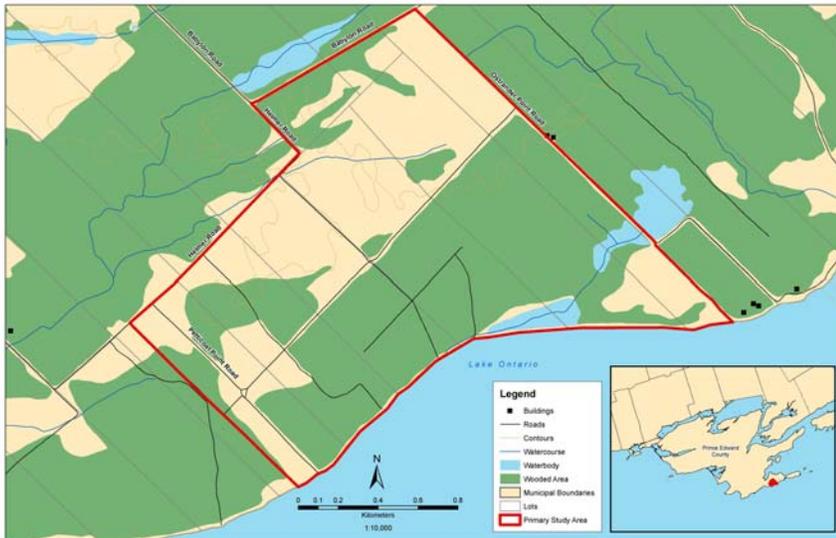
Enclosures: Notice of Commencement  
Project Description

Please visit [www.gileadpower.com](http://www.gileadpower.com) for more information.



## Notice of Commencement of a Screening and Environmental Review under the Ontario Environmental Screening Process for Electricity Projects

### Ostrander Point Wind Energy Park



Gilead Power Corporation (Gilead) is planning to undertake a Screening and Environmental Review for a proposed wind energy facility (wind energy park) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, this wind energy park would consist of up to 12 wind turbines (capacity of approximately 20 MW). The project's study area is presented in the map to the left, generally found south of Highway 13, along the Lake Ontario shoreline, and within the Ostrander Point Crown Land Block and Resource Management Area. The Project is subject to the Ontario Ministry of the Environment, ( *Environmental Assessment Act*, Electricity Project Regulation 116/01) Environmental

Screening Process for electricity projects, as set out in its "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001). The process requires Gilead to undertake a Screening of the Project, and, if appropriate, a more detailed Environmental Review. Prior to the completion of the Screening, Gilead has identified that an Environmental Review is appropriate for this Project, and this notice is intended to meet the Notice of Commencement requirements for both the Screening and Environmental Review.

The Screening and Environmental Review will assess the potential impact of the proposed wind energy park on the biophysical and socio-economic environment during its construction, operation and decommissioning. Gilead has identified several environmental components that will be subject to further research in the Environmental Review, including birds, bats, noise and visual impact.

Public consultation will be an integral component of this study. Public, First Nation, and regulatory consultation will be conducted on an on-going basis to seek input on various components of the study. Dates and locations of these opportunities will be advertised in local newspapers. You are invited to provide comments on the issues to be addressed in the study, and/or to ask to be placed on the project's mailing list.

For information regarding the proposed project, contact:

**Michael J. Lord**  
Vice President  
**Gilead Power Corporation**  
150 King Street, East  
Suite 5E  
Peterborough, Ontario  
K9J 2R9  
Phone: (705) 750-1023 ext. 201  
Fax: (705) 750-1430  
Email: [mike.lord@gileadpower.com](mailto:mike.lord@gileadpower.com)

MARNIE

# MOHAWKS OF THE BAY OF QUINTE



KENHTEKE KANIENKEHA



February 6, 2008

## VISION STATEMENT

Tyendinaga, as part of the Mohawk Nation, is a healthy, sustainable Kanienkehaka community; built on and united by our language, culture, traditions, knowledge and history. We exercise our rights and responsibilities for the protection of and respect for our people, our land, our resources and the environment.

Paul Pead, President  
Gilead Power Corp.  
150 King Street East, Suite 5E  
Peterborough, ON  
K9J 2R9

**Re: Ostrander Point – Crown Land  
Gilead Power Proposal**

Dear Mr. Pead,

Thank you for meeting with Tyendinaga Mohawk Council and Gilead Power representatives on February 4, 2008 in Council Chambers.

Based on our discussions, Council understands the following regarding Gilead's proposal for the Ostrander Point Crown lands:

- Gilead Power is requesting a Crown Lease from the Ontario Ministry of Natural Resources for exclusive rights to the Crown lands at Ostrander Point approximately 324 acres.
- Maximum 12 turbines on the site at various locations.
- Previous MNR Approval for use was administered by a Land Use Permit which did not restrict hunting in the area.
- The proposed Crown lease term is 25 years with a possible 15 year extension for a total of 40 years.
- Approximately \$14,410.87 annual rent anticipated for the Crown plus annual CPI adjustments.
- Environment Assessment required by the proponent to review potential impacts.
- The proponent is required to inform the public, contact relevant stakeholders and agencies for approval.

13 Old York Road  
R.R.#1,  
Tyendinaga Mohawk Territory  
Ontario K0K 1X0  
Tel: 613-396-3424  
Fax: 613-396-3627  
Email: info@mbq-tmt.org  
www.mbq-tmt.org

I offer the following concerns regarding the proposal by Gilead Power

- The Ostrander Point area is our traditional Territory. Our members have been known to hunt on Crown Land in the Hastings and Prince Edward County. By changing to a Crown lease granting exclusivity to Gilead Power the instrument must not adversely impact our Inherent Rights to hunt and gather in that area.
- It is our understanding that a lease payment will be paid to the Province in addition to Payments in Lieu of Taxes to the County. Neither MNR or Gilead Power have offered compensation to the Mohawks of the Bay of Quinte for infringing upon our Inherent Rights. We will wait for an offer of financial compensation from MNR and Gilead Power Corporation.
- To actively participate in discussions the Mohawks of the Bay of Quinte will require funding to retain various scientific professionals to interpret the various reports produced from the Environmental Assessment process to ensure the interests of the community are protected.
- The Crown has a duty to consult First Nations. This Duty cannot be transferred to a proponent making an application for a project.

The Mohawks of The Bay of Quinte are not opposed to future meetings and discussions with respect to Gilead's application for a Crown lease however, suitable funding is required to participate in any meaningful discussions. As discussed at the meeting the next steps are as follows:

1. Gilead Power will forward copies of the reports for Tyendinaga Mohawk Council review.
2. Consideration for funding to retain professional advice to understand the potential impacts to the community.
3. Establish a date for the next meeting.
4. Revenue sharing agreement with MNR and Gilead Power Corporation.

Please be advised the concerns as listed are only some of the arising issues we see at this time. This list may be expanded as additional information is reviewed.

I look forward to meeting and discussing these issues in greater detail in the future once we receive additional information.

Yours truly,



Chief R. Donald Maracle  
Mohawks of the Bay of Quinte

cc TMC

---

**From:** Marvin Pelletier [marvin.pelletier@gileadpower.com]  
**Sent:** Monday, January 26, 2009 4:04 PM  
**To:** Marnie Oliver  
**Subject:** FW: Gilead Power and Ostrander Point Reports

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**From:** Todd Kring [mailto:toddk@mbq-tmt.org]  
**Sent:** March-06-08 4:15 PM  
**To:** Marvin Pelletier  
**Cc:** rodj@mbq-tmt.org; Angela Maracle  
**Subject:** Re: Gilead Power and Ostrander Point Reports

Hello Marvin....thank you for the email....if you could provide the copies and leave them at our reception it would be greatly appreciated.....I will arrange a tour with you upon my return from vacation the week of the 24th.....Todd K.

----- Original Message -----

**From:** [Marvin Pelletier](mailto:Marvin.Pelletier@GileadPower.com)  
**To:** [toddk@mbq-tmt.org](mailto:toddk@mbq-tmt.org)  
**Sent:** Thursday, March 06, 2008 10:03 AM  
**Subject:** Gilead Power and Ostrander Point Reports

Good Morning Todd

The following reports are available for your Council's review

- a) Visual Impact Assessment
- b) Stage 1 Archaeological Assessment
- c) Bird Monitoring

I have 7 copies of each which I can leave at the office or give to you personally. I've always enjoyed visiting other First Nation communities across Canada and I would like see and hear more about Tyendingaga. Do you have anytime in the next week to show me around? I have enclosed my contact information for your records.

Take Care

Marvin Pelletier  
Gilead Power Corporation



No virus found in this incoming message.

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Version: 7.5.518 / Virus Database: 269.21.7/1323 - Release Date: 10/03/2008 11:07 AM

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**From:** Marvin Pelletier [marvin.pelletier@gileadpower.com]  
**Sent:** Monday, January 26, 2009 4:03 PM  
**To:** Marnie Oliver  
**Subject:** FW: Gilead Power

---

**From:** Todd Kring [mailto:toddk@mbq-tmt.org]  
**Sent:** March-26-08 9:16 AM  
**To:** Marvin Pelletier  
**Subject:** Re: Gilead Power

Hello Marvin....I have returned....I will contact you shortly with a date and time...also please be advised that I did receive the reports..... thanks again

----- Original Message -----

**From:** [Marvin Pelletier](mailto:marvin.pelletier@gileadpower.com)  
**To:** [toddk@mbq-tmt.org](mailto:toddk@mbq-tmt.org)  
**Sent:** Monday, March 24, 2008 12:03 PM  
**Subject:** Gilead Power

Good Afternoon Todd, just checking to see if you have returned from vacation. The Ostrander Point Studies were given to reception on the 11<sup>th</sup> of March, can you please confirm that the documents have been passed along to you. I am looking forward to visiting your community again, let me know when you are available.

Thank You

=====

*Marvin Pelletier*

**GILEAD POWER CORPORATION**

*150 King Street, East*

*Suite 5E*

*Peterborough, ON*

*K9J 2R9*

*Telephone: 705.750.1023 Ext. 203*

*Facsimile: 705.750.1430*

*Cell: 705-868-2901*

*E-mail: [marvin.pelletier@gileadpower.com](mailto:marvin.pelletier@gileadpower.com)*

*Website: [www.gileadpower.com](http://www.gileadpower.com)*

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Version: 7.5.519 / Virus Database: 269.22.0/1342 - Release Date: 25/03/2008 10:26 AM



**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

**Stantec**

May 20, 2008  
File: 160960369

Mohawks of the Bay of Quinte  
13 Old York Road, #RR1  
Tyendinaga, Mohawk Territory, Ontario  
K0K 1X0

Dear Chief R. Donald Maracle and Council:

**Reference: Notice of Modification  
Ostrander Point Wind Energy Park**

Further to Gilead Power Corporation's (Gilead) earlier correspondence, the 04 February 2008 meeting between Tyendinaga Mohawk Council, the Ministry of Natural Resources and Gilead representatives, and your letter of 06 February 2008, we are writing to update you about Gilead's ongoing Project activities.

We are also writing to introduce ourselves, Stantec Consulting Ltd. (Stantec), as Gilead's Environmental Consultant. Gilead has engaged Stantec to complete the Environmental Review. We are currently compiling the environmental and socio-economic features inventory for the Project Study Area, as well as assessing the potential effects of the Project and writing a Draft Environmental Review Report.

Stantec will be conducting an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

A Notice of Commencement of an Environmental Screening and Review for the Project was originally published and distributed during the week of December 10, 2007. As described in that notice, Gilead is undertaking a detailed Environmental Review in accordance with Ontario Regulation 116/01 of the *Environmental Assessment Act* and as outlined in the Ontario Ministry of the Environment's "Guide to Environmental Assessment Requirements for Electricity Projects" (March 2001).

As a means to further inform the Mohawks of the Bay of Quinte, the local community, government agencies and other stakeholders, Gilead and Stantec are also planning a second Public Open House for late summer. In follow-up to the February 4, 2008 meeting between Gilead and Mohawks of the Bay of Quinte (MBQ), Gilead is prepared to conduct an Open House on Tyendinaga, upon the invitation of the Chief and Council of the MBQ. In the months ahead, notices will be advertised in local newspapers and sent by direct mail to those known to be interested in the Project. In the interim, your input and questions are encouraged. To provide the study team with your comments, or for further information, please email us at [ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com), or call Stantec at (519) 836-6050.

Written comments can also be mailed to:

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5

Kind Regards,

**STANTEC CONSULTING LTD.**

Mark Kozak  
Environmental Scientist  
Attachment: Notice of Modification

CC. Marnie Oliver, Gilead Power Corporation

---

**From:** Marvin Pelletier [marvin.pelletier@gileadpower.com]  
**Sent:** Monday, January 26, 2009 4:07 PM  
**To:** Marnie Oliver  
**Subject:** FW: Visit to the Community

---

**From:** Marvin Pelletier  
**Sent:** May-29-08 1:36 PM  
**To:** 'Todd Kring (toddk@mbq-tmt.org)'  
**Subject:** Visit to the Community

Good Afternoon Todd,

I trust everything is going well in your community. What's your calendar like in the next couple of weeks, I would really like to see and learn more about the community, as well as the projects you are working on. Is there any chance we can get together for a couple of hours?

Marvin Pelletier

=====

*Marvin Pelletier*

*VP Stakeholder Relations*

**GILEAD POWER CORPORATION**

*150 King Street, East*

*Suite 5E*

*Peterborough, ON*

*K9J 2R9*

*Telephone: 705.750.1023 Ext. 203*

*Facsimile: 705.750.1430*

*Cell: 705-868-2901*

*E-mail: [marvin.pelletier@gileadpower.com](mailto:marvin.pelletier@gileadpower.com)*

*Website: [www.gileadpower.com](http://www.gileadpower.com)*

No virus found in this outgoing message.

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Version: 7.5.524 / Virus Database: 269.24.2/1471 - Release Date: 28/05/2008 5:33 PM



**Stantec Consulting Ltd.**  
361 Southgate Drive  
Guelph ON N1G 3M5  
Tel: (519) 836-6050  
Fax: (519) 836-2493

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**Stantec**

August 8, 2008  
File: 160960369

Mohawks of the Bay of Quinte  
13 Old York Road  
Tyendinaga, Mohawk Territory, ON  
K0K 1X0

**Attention: Chief R. Donald Maracle, and Council**

Dear Chief Maracle:

**Reference: Notice of Public Open House  
Ostrander Point Wind Energy Park**

Gilead Power Corporation (Gilead) is continuing with an Environmental Review of the proposed Ostrander Point Wind Energy Park (the Project) within the ward of South Marysburgh, Prince Edward County, Ontario. If approved, the Project would consist of up to 12 wind turbines with a capacity of approximately 20 MW and an associated 44 kV transmission line.

The purpose of this letter and the attached Notice of Public Open House is to invite you to a Public Open House:

**When:** August 28, 2008

**Time:** 4:00 to 6:00 p.m. and 7:00 to 9:00 p.m.

**Where:** Crystal Palace, 375 Main Street, Picton, Ontario

This Public Open House will provide the opportunity for stakeholders and agencies to review displays of the project layout, the environmental screening process, as well as to provide comments to the project team. We hope that you will attend the Open House, but if you are not able to join us, as always, we welcome your input. To provide the project team with your comments, or for further information, please email us at **[ostranderpoint@stantec.com](mailto:ostranderpoint@stantec.com)**, or call Stantec at **(519) 836-6050**.

Written comments can also be mailed or faxed to:

Mark Kozak  
Environmental Scientist  
Stantec Consulting Ltd.  
361 Southgate Drive  
Guelph, ON N1G 3M5  
(519) 836-2493

Kind Regards,

**STANTEC CONSULTING LTD.**

Mark Kozak  
Environmental Scientist  
Tel: (519) 836-6050  
Fax: (519) 836-2493

Attachment: Notice of Public Open House