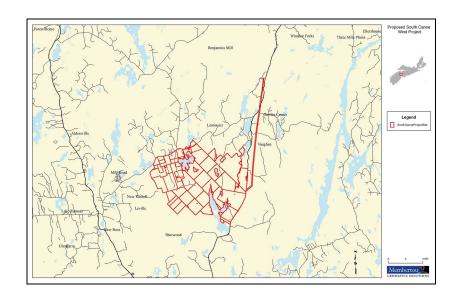
Appendix K: Mi'kmaq Ecological Knowledge Study Proposal



## Mi'kmaq Ecological Knowledge Study Minas Basin - South Canoe Wind Project



Proposal to: Minas Basin Pulp and Paper Submitted by: Membertou Geomatics Solutions

**Date: January 19, 2012** 

## **Contents**

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## Chapter 1 Introduction

## 1.1 Background

Minas Basin Pulp and Power Company Limited (Minas Basin) was founded in 1927 in Hantsport, Nova Scotia, by the late Roy A. Jodrey. In the beginning, the family-owned and operated company produced a single product - groundwood pulp, adding paperboard capacity in 1946. Today, Minas Basin is looking to develop a wind farm east of Vaughan, Nova Scotia, known as the South Canoe Wind Project.

Minas Basin has contacted Membertou Geomatics Solutions (MGS) to submit a proposal to undertake a Mi'kmaq Ecological Knowledge Study (MEKS) for the proposed project. This proposal is in response to the request by Mina Basin.

## 1.2 Mi'kmaw Ecological Knowledge Study

The Mi'kmaq people have a long-existing, unique, and special relationship with the land and its' resources which involves the use and conservation of natural resources and spiritual ideologies regarding such. This knowledge is held by the Mi'kmaq and has been passed on from generation to generation; *kisaku kinutemuatel mijuijij*. As a manner in which to identify and consider Mi'kmaq use of the land and resources and Mi'kmaw ecological knowledge, Minas Basin proposes to undertake a Mi'kmaw Ecological Knowledge Study for the proposed wind project.

The MEKS will gather and document the collective body of ecological knowledge of the Mi'kmaq people. The MEKS will provide assurances that the Mi'kmaq use and knowledge of the proposed Project Site and surrounding area and its' resources are considered within the overall environmental presentation.

## Chapter 2 **Project Team**

The MEKS team consists of individuals who possess the expertise required to develop a thorough Mi'kmaq Ecological Knowledge Study. All resources required to complete the project are available to the project team in-house. The project will be organised and directed by a Project Manager who will lead the project and be the main point of contact with Minas Basin. Team members will assume the responsibilities of their area of expertise, and execute the required activities in an expeditious manner. MGS has had several MEKS clients and contracts confirming to the quality of our work.

## Chapter 3 **SCOPE OF MI'KMAW ECOLOGICAL KNOWLEDGE STUDY (MEKS):**

## 3.1 Approach

Membertou Geomatics Solutions proposes to undertake a Mi'kmaw Ecological Knowledge Study for Minas Basin with regards to the proposed South Canoe Wind project.

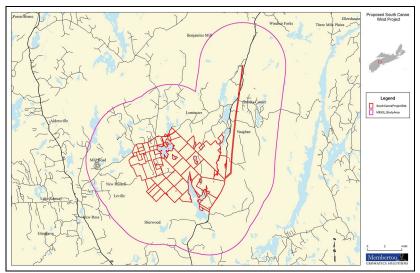


Fig 1. MEKS Study Area (Purple) and Project Site (Red)

MGS is a Mi'kmaq Company whose foundation is based on Mi'kmaq cultural values and a vision of partnership with Canadian and global businesses found throughout the world. It is this balance of ideals that MGS will bring to the development of a Mi'kmaw Knowledge Study for Minas Basin.

All activities will be conducted by the team in a manner which will best represent Mi'kmaq values with regards to the ecological knowledge gathered. This Mi'kmaw understanding of the importance of Mi'kmaq Ecological Knowledge and the understanding of the requirements surrounding Canadian environmental standards, will ensure a final study that is grounded in the documentation of accurate Mi'kmaq Ecological Knowledge.

This MEKS will be developed following the guidelines of the Mi'kmaq Ecological Knowledge Study Protocol (MEKP) ratified on Nov 22, 2007 by the assembly of Nova Scotia Mi'kmaq Chiefs.

## 3.2 Activities:

The Mi'kmaq Ecological Knowledge Study will be undertaken to identify land and resource use, which is of particular importance to the Mi'kmaq people, with respect to the Study Area. MGS will undertake the following key components of the MEKS:

Historical Review/Research - A historical review and research of the Project Site, including immediate surrounding areas, would be undertaken. These activities would include a review of the historical documentation with regards to the area including land claims, past occupation, archaeological sites, present day occupation, etc. This also includes research of existing documentation on resources, such as species at risk information. This review and research would allow MGS to identify which, if any, areas are of significant historical importance to the Mi'kmaq people.

<u>Traditional Use Data</u> – MGS would undertake to review existing documentation regarding Mi'kmaq traditional land and resource use of the Study Area. The purpose of this activity would be to provide information on historical Mi'kmaq use and occupation related to the study area, including immediate surrounding areas. This will provide a more detailed understanding of Mi'kmaq use of the land and waters in question.

<u>Present Day Use</u> – The scope of this study will be to document information from the surrounding Mi'kmaq communities as a means of identifying current use of lands or resources in the Study Area. This will be undertaken by contacting the various Mi'kmaw communities involved and interviewing various individuals who may possess information regarding Mi'kmaq use and ecological knowledge of the project area, including immediate surrounding areas. Once completed, individual and community information would be included in the final report.

Mi'kmaq Significant Species Survey (MSS) – Mi'kmaq land and resource use often involves plant and animal species which play a key role to the Mi'kmaq community, be it medicine, food or spiritual in use. Such species are not necessarily identified within Canadian standards which seek to identify species of importance, such as Species at Risk. Because of such, in order to identify what species may be or key importance to the Mi'kmaq, MGS would undertake a Mi'kmaq Significant Species Component to the study. This will be done with the aid of a Mi'kmaq Individual or Individuals who are custodians of Mi'kmaq knowledge regarding Mi'kmaq significant species. This will assist with predicting the effects of the project on the Study Area with respect to Mi'kmaq culture, learning or practices.

All of the above information that is gathered as components of the Mi'kmaq Ecological Knowledge Study would then be formulated into a final written document. The final study document format would include an executive summary, background information regarding the project, objective and scope of study, methodology, Mi'kmaq land and resource use, potential future project effects, and recommendations.

## 3.3 Timeframe:

If successful in our proposal to undertake the MEKS for Minas Basin, MGS would seek to initiate the study as soon as possible and would anticipate that the completion date of the project would be May/June, 2012, at which time we would have a final produce in the hands of Minas Basin. A retainer fee of 25% of the total study cost will be required before work will commence.

## Chapter 4 Financial Costs

## 4.1 Financial Costs

Project cost is as follows:

Historical Review/Research \$ 6,000

MEKS Data Acquisition \$19,402
(Community interviews, site visit, traditionalist and translator services)

GIS Data Analysis and Development \$9,000
(Data conversion, GIS database development, data analysis and map development)

Final Report \$5,500

MEKS Total: \$39,902

**Appendices** 

## **Craig Hodder**





## **EDUCATION**

2000-2002 B.A., Economics, Carleton University, Ottawa, Ontario

1997-2000 Sydney Academy High School, Sydney, NS – Graduated with distinction in the International

Baccalaureate Program

## **PROJECTS**

Jamaica Cadastral Conversion Project. The conversion of land parcels using IKONOS satellite imagery as the ground control. Involved in implementing QC procedures.

Involved in the implementation of the Membertou community plan.

Involved in the Wentworth/Membertou softcopy photogrammetry projects.

## **SKILLS**

Computer Assisted Drafting (AutoCAD) ArcView, ArcMap DVP Softcopy photogrammetry

## **EXPERIENCE**

2002 to Present

GIS Technician - Membertou Geomatics Consultants

- Assist a team of GIS specialists and provide GIS data to various projects.
- Provide consulting services including needs analysis and gap analysis to assist clients in meeting their GIS requirements
- Assist Membertou First Nation to meet their community planning goals and objectives

2002 - 2003

Eastcan Geomatics Limited – Involved in a training program

- Trained in data capturing, data converting.
- Data converting includes AutoCAD training and softcopy photogrammetry.
- Involved with quality assurance/quality control aspects.

## **Dave Moore**



## Planner \ GIS Technologist

## **EDUCATION**

1982 Construction Technology

Holland College, Charlottetown, P E.I.

2000 Bachelor of Design (Honours), Environmental Planning, Minor Degree in Digital Media

Nova Scotia College of Art and Design, Halifax, N.S.

2007 Master of Urban and Regional Planning

Queen's University, Kingston, ON.

## **PROJECTS**

Membertou Connector Road, Business Case and Routing Study (CBCL)

Habitat Threats – Sedimentation – Bras d'Or Lakes Watershed (UINR)

Physical, infrastructure and policy design, Community Plan, Membertou First Nation

Parking lot and storm drainage design, Membertou Trade and Convention Centre and Membertou Entertainment Centre

On-site project management, multi-residential condominiums, Chandler's Cove, Chester, N.S.

Numerous design and research projects with both public and private engineering and architectural organizations

## **SKILLS**

Remote Sensing (PCI Geomatics)	AutoCad (Autodesk)	SSPS Statistics
Civil Design (Autodesk)	3D Studio Max (Autodesk)	IDRISI Raster GIS
AraViarrand AraMan (ECDI)	MonInfo	MC Office

ArcView and ArcMap (ESRI) MapInfo MS Office

## **EXPERIENCE**

2003 to Present	Planner\GIS Technician - Membertou Geomatics Consultants
1999- 2001	CAD Technician\Planner, W.M. Fares & Associates, Halifax, N.S.
1985- 1995	Survey Supervisor\Cartographic Assistant, Public Works and Government Services Canada
1984- 1985	Estimator\Technician, MBB-Trecan, Halifax, N.S.
1983- 1984	Project Manager, Research Project, Municipality of Chester

## **Jason Googoo**



## Manager

## **EDUCATION**

1999-2001 Centre of Geographic Sciences (C.O.G.S) – Computer Technician/Analyst Diploma

1998 University College of Cape Breton (UCCB) – BA Degree in Sociology

## **PROJECTS**

Jamaica Cadastral Conversion Project. The conversion of land parcels using IKONOS satellite imagery as the ground control. Involved in implementing QC procedures.

Involved in the implementation of the Membertou community plan.

Flood Model Project. Simulated a flood based on Truro, NS. Created several routines which modified and displayed aerial photographs as a flood progressed.

Implemented the Membertou Fisheries into a G.I.S. project.

## **SKILLS**

Computer Assisted Drafting (AutoCAD)

ArcView, ArcMap

Various scripting and programming (VB/VBA, Perl, C/C++, java/javascript

## **EXPERIENCE**

2002 to Present

Manager – Membertou Geomatics Consultants

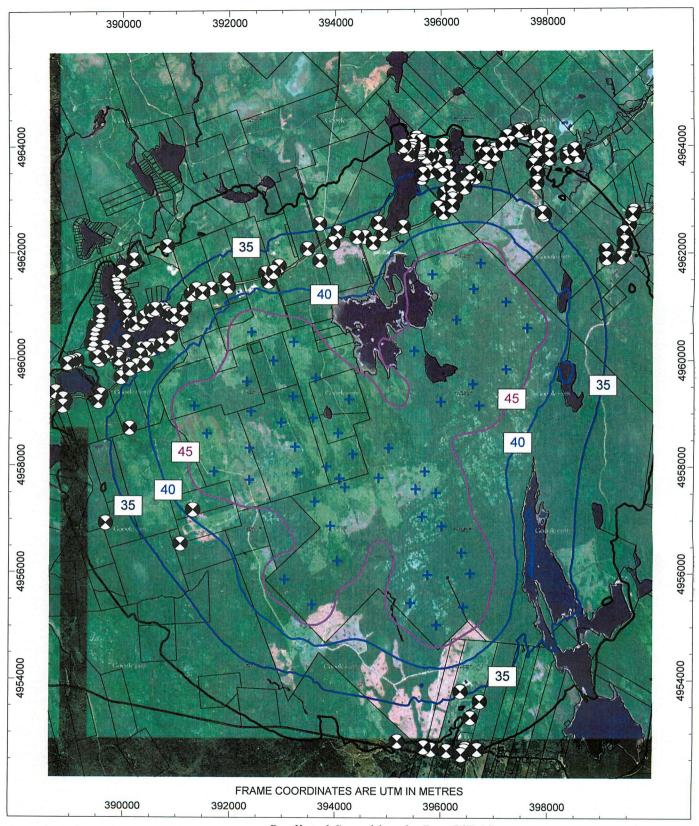
- Responsible for supervision and job performance evaluations for staff.
- Assist a team of GIS specialists and provide GIS data to various projects.
- Provide consulting services including needs analysis and gap analysis to assist clients in meeting their GIS requirements
- Assist Membertou First Nation to meet their community planning goals and objectives

2002 - 2003

Eastcan Geomatics Limited – Involved in a training program

- Trained in data capturing, data converting.
- Data converting includes AutoCAD training and softcopy photogrammetry.
- Involved with quality assurance/quality control aspects.

Appendix L: Predicted Sound Levels, Leq (dBA) Calculated at 4.5.m Above Ground Level



Predicted Sound levels, Leq [dBA] Proposed South Canoe Wind Project Sound Level Grid Height Calculated at 4.5m



Appendix M: Letter from Property Owner Regarding Sound Levels

May 3, 2012

Minas Basin Pulp and Power 53 Prince Street, Hantsport, NS B0P 1P0

To Whom It May Concern:

I am aware of the proposed South Canoe Wind Project located near Leminster, Nova Scotia. I have been notified that the most recent noise simulation results indicate sound emitted from wind turbine generators may exceed 40 dB on my property (PID # 60129517). I understand that the sound experienced on my property will be under the Health Canada guidelines of 45 dB.

In addition, I confirm that there is no building or residence located on the lands.

Sincerely,
Berry mark

Barry Russell

Land Owner (PID # 60129517)

**Appendix N: Copies of Presentations to Council Meetings** 

# South Canoe Wind Project

Presentation to Municipality of West Hants February 7th, 2012







# South Canoe Project Information

- Proposed size to be up to 100 MW
- 33-50 wind turbines depending on technology selected
- Oxford and Minas Basin to partner with **NSPI** on the lands at South Canoe
- NSPI to hold minority interest in project

## Oxford Frozen Foods

- Member of Bragg Group of Companies (2500 employees)
- Vertically integrated, wild blueberry farming, processing and marketing group of companies
- Major producer of frozen carrot products and battered vegetables.
- Recognized throughout the world as the standard for wild blueberries and as a leader in quality and marketing
- Track record of successful business alliances with suppliers and customers around the world.



# Minas Basin Pulp and Power

- Located in Hantsport, Nova Scotia since 1927
- Member of Scotia Investments Group (1500 employees)
- Manufactures 100% post consumer waste paper products
- Developers of renewable energy projects and Independent **Power Producer**
- Land owner for South Canoe Wind Project



# Nova Scotia Power Incorporated

- Principal Nova Scotia Utility for over 80 years
- Own and operate 95% of generation, transmission and distribution in the province
- Provide safe and dependable sources of energy
- 490,000 customers and 1,900 employees
- Making strides in reducing emissions and adding renewable energy sources.



## Background

## Renewable Electricity Targets

- 25% renewable electricity generation by 2015
- 40% by 2020

# Where will the renewable electricity come from?

- **Existing Renewables**
- COMFIT
- 300 GWh/yr Request for Proposals (Independent Power Producers)
- Lower Churchill Falls
- Tidal Energy

## Request for Proposals

## **Electricity Act**

- GWh/year be procured from Independent Power Producers The Electricity Act (2010) states that a minimum of 300
- The Act states that NSPI is eligible to own up to 49% of any IPP project.
- manage the procurement process (Renewable Energy The Government appointed an independent entity to Administrator)

## Request for Proposals (RFP)

- At least 300 GWh of Renewable Electricity per year
- Equivalent to 100 MW wind farm
- RFP to be awarded to the project with the lowest bid price and lowest risk (best value to rate payers).

# Request For Proposals Timeline

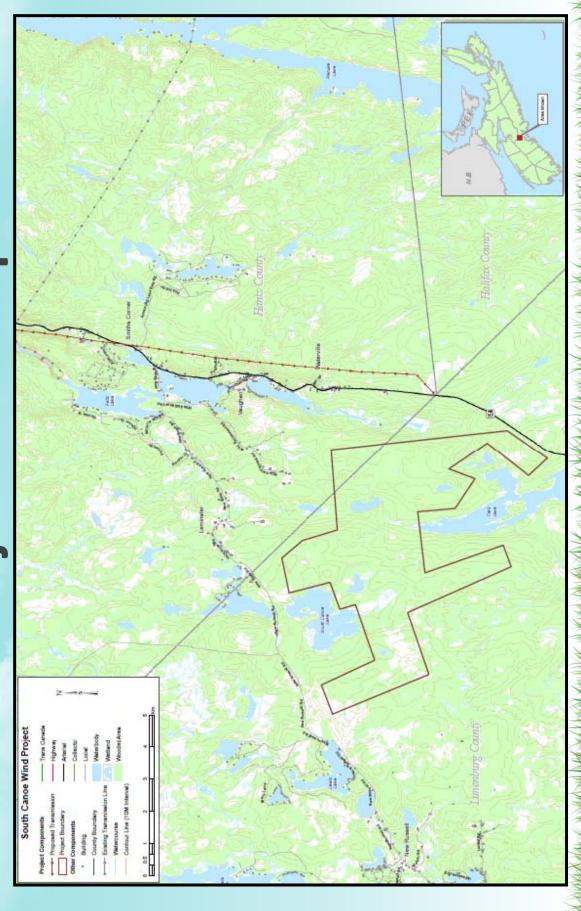
Milestones of Interest	Date
Proposal Submission Deadline	No earlier than May 4, 2012
Proposal Award Group Announced	June 2012
PPA Executed by Award Group	June – July 2012
Project Operational	No later than January 1, 2015

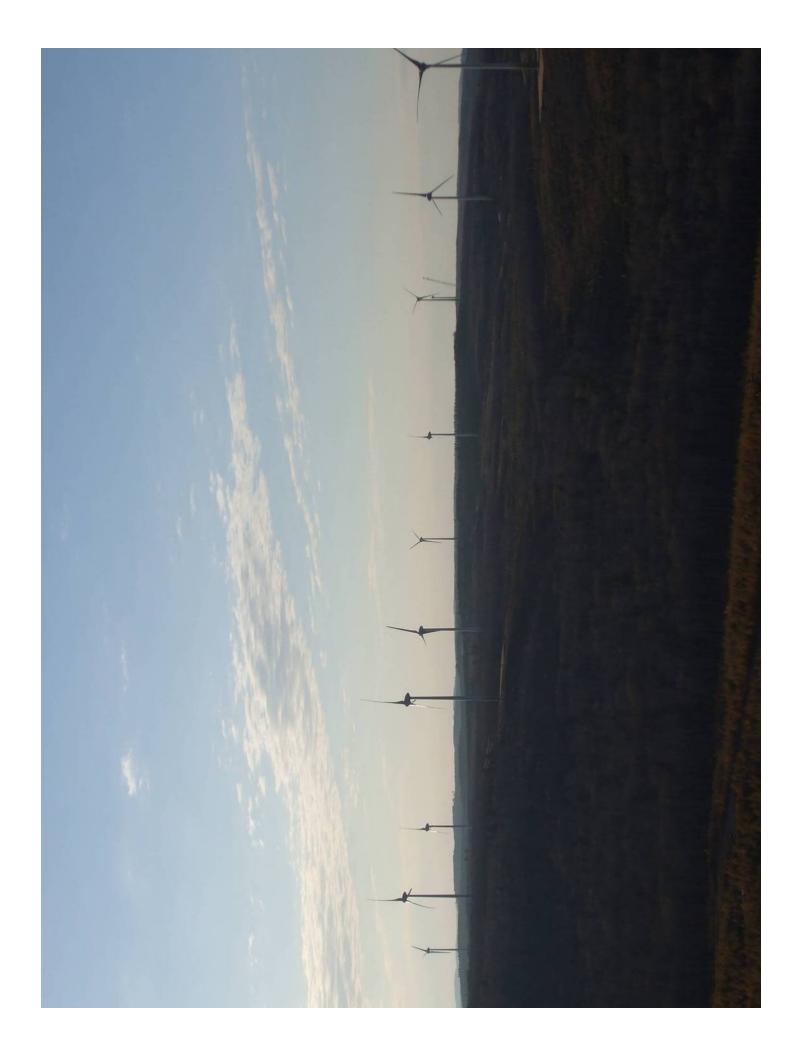
## Project Team Experience

- ▼ Nuttby Mountain (50.6 MW)
- 2<sup>nd</sup> largest in Nova Scotia
- ▼ Digby Neck (30 MW)
- ▼ West Cape, P.E.I. (99 MW)
- ▼ Norway, P.E.I. (9 MW)
- ▼ Caribou Mountain, N.B. (99 MW)
- ➢ Point Tupper (22.6 MW)
- Complicated communications networks (EastLink)



## Project Site Map





## **Project Benefits**

- Increased Municipal Tax Revenue
- Expected \$6,600 per MW/year per turbine in 2014
- Escalating annually with inflation
- Approximately \$660,000 of tax revenue annually
- Roads and other improvements
- Direct job creation
- Site clearing, road construction, crane pad construction, tower foundation
- Project would benefit local businesses such as hotels, restaurants, and local suppliers

# **Environmental Assessment**

- **Environmental Monitoring**
- Avian and Bat Monitoring
- Archaeology Study
- Socio-economic Assessment
- Sound Study
- Visual Study
- Public Health Study

## Community Engagement

- Stakeholders are being contacted and open houses have been scheduled
- Saturday, February 11<sup>th</sup> at Vaughan Fire Hall (2pm -5pm)
- Monday, February 13<sup>th</sup> at Chester Legion (7pm-9pm)
- Newsletter being circulated
- Website: www.southcanoewind.com
- Questions from the community will be answered in a timely manner
- Community Liaison Committee will be formed in February

## Summary

- South Canoe could be largest wind farm in Nova Scotia
- Would help the Province reach 2015 Renewable Electricity Targets
- Would be operational by 2014
- Environmental Assessment nearly complete
- Community engagement is ongoing
- Jobs created in the region
- Tourism opportunity
- Increase in Municipal Tax Revenue

# South Canoe Wind Project

Presentation to the Municipality of the District of Chester January 26th, 2012







## Our Team

## Oxford Frozen Foods

Rick Cecchetto (CFO)

## Minas Basin Pulp and Power

- John Woods (VP of Energy Development)
- Aaron Long (Manager of Energy Resources)
- Chris Peters (Energy Project Developer)

## Nova Scotia Power Inc.

- Pam McKinnon (Director, Wind Energy)
- Scott Lafleur (Wind Development Manager)

## **Project Communications**

Beth Caldwell

# South Canoe Project Information

- Proposed size to be up to 100 MW
- 33-50 wind turbines depending on technology selected
- Oxford and Minas Basin to partner with **NSPI** on the lands at South Canoe
- NSPI to hold minority interest in project

### Oxford Frozen Foods

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- Vertically integrated, wild blueberry farming, processing and marketing group of companies
- Major producer of frozen carrot products and battered vegetables.
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- Manufactures 100% post consumer waste paper products
- Developers of renewable energy projects and Independent **Power Producer**
- Land owner for South Canoe Wind Project



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- Making strides in reducing emissions and adding renewable energy sources.



### Background

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## Where will the renewable electricity come from?

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## Request for Proposals

### **Electricity Act**

- GWh/year be procured from Independent Power Producers The Electricity Act (2010) states that a minimum of 300
- The Act states that NSPI is eligible to own up to 49% of any IPP project.
- manage the procurement process (Renewable Energy The Government appointed an independent entity to Administrator)

### Request for Proposals (RFP)

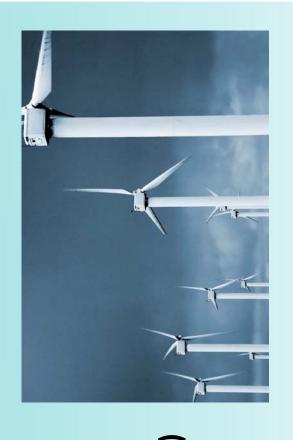
- At least 300 GWh of Renewable Electricity per year
- Equivalent to 100 MW wind farm
- RFP to be awarded to the project with the lowest bid price and lowest risk (best value to rate payers).

# Request For Proposals Timeline

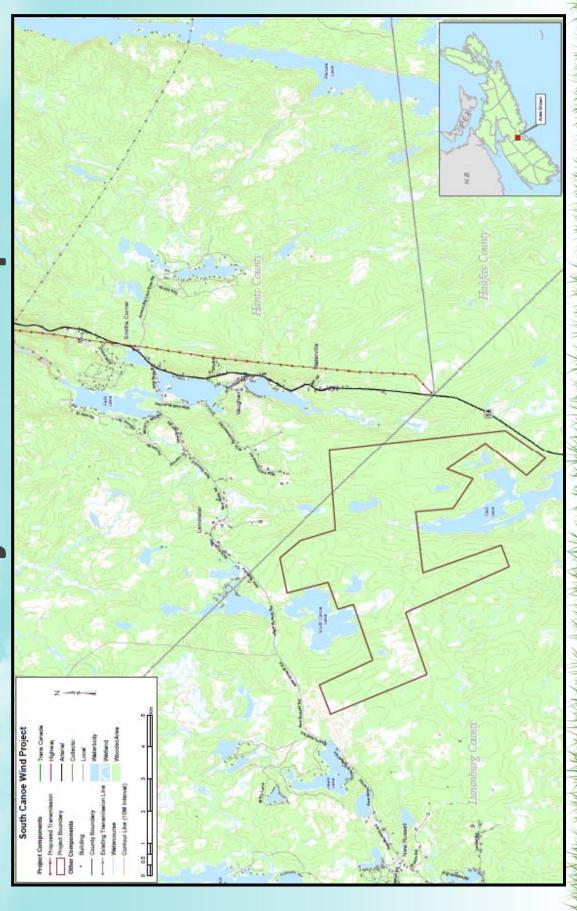
Milestones of Interest	Date
Proposal Submission Deadline	No earlier than March 16, 2012
Proposal Award Group Announced	April 2012
PPA Executed by Award Group	April – May 2012
Project Operational	No later than January 1, 2015

## Project Team Experience

- ▼ Nuttby Mountain (50.6 MW)
- 2<sup>nd</sup> largest in Nova Scotia
- ▼ Digby Neck (30 MW)
- ▼ West Cape, P.E.I. (99 MW)
- ▼ Norway, P.E.I. (9 MW)
- ▼ Caribou Mountain, N.B. (99 MW)
- ➢ Point Tupper (22.6 MW)
- Complicated communications networks (EastLink)



### Project Site Map



# Sample View from Highway 14

### **Project Benefits**

- Increased Municipal Tax Revenue
- Expected \$6,600 per MW/year for turbines located in Chester
- Escalating annually with inflation
- Approximately \$660,000 of tax revenue annually
- Roads and other improvements
- Direct job creation
- Site clearing, road construction, crane pad construction, tower foundation
- Project would benefit local businesses such as hotels and restaurants

## **Environmental Assessment**

- **Environmental Monitoring**
- Avian and Bat Monitoring
- Archaeology Study
- Socio-economic Assessment
- Sound Study
- Visual Study
- Public Health Study

## Community Engagement

- Stakeholders are being contacted and open house has been scheduled
- Saturday, February 11<sup>th</sup> at Vaughan Fire Hall (2pm
- 5pm)
- Newsletter will be circulated
- Website: www.southcanoewind.com
- All questions from the community will be answered in a timely manner
- Community Liaison Committee will be formed in February

### Summary

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- Would help the Province reach 2015 Renewable Electricity Targets
- Would be operational by 2014
- Environmental Assessment nearly complete
- Community engagement is ongoing
- Jobs created in the region
- Tourism opportunity
- Increase in Municipal Tax Revenue

### **Appendix O: Letters of Support From District Councils**



### MUNICIPALITY OF THE DISTRICT OF CHESTER

PO Box 369, Chester, NS B0J 1J0

Telephone: 902-275-3554 Facsimile: 902-275-4771

151 King Street, Chester, NS email: warden@district.chester.ns.ca

February 9, 2012

Mr. John Woods
Minas Basin Pulp and Power Ltd.
PO Box 401
HANTSPORT NS BOP 1P0

Dear Mr. Woods:

### RE: PROPOSED WIND FARM PROJECT/ SOUTH CANOE LAKE

Municipal Council was pleased to have been recently informed of your Company's proposed project in conjunction with your partners at South Canoe Lake which is substantially within this Municipality. As you are aware, this Council has a keen interest in the development of wind power and of course, it is actively engaged in its own small project at Kaizer Meadow.

The site of this proposed development is within our General Basic Zone and as such is permitted by Development Agreement only. While Council supports your initiative in general, it is also mindful of its role in the Development Agreement process which is to ensure that a project is consistent with its Planning Strategy. If you are successful in having your proposal chosen to proceed, then we look forward to receiving your Application for proper consideration by Council.

Sincerely,

Allen Webber Warden

### MUNICIPALITY OF THE DISTRICT OF WEST HANTS



76 Morison Drive PO Box 3000, Windsor Nova Scotia B0N 2T0 Tel: (902) 798-8391 Fax: (902) 798-8553 www.westhants.ca

February 15, 2012

Mr. John Woods Vice President – Energy Development Minas Basin Pulp and Power Company Ltd. P.O. Box 401 Hantsport, NS BOP 1P0

Dear Mr. Woods:

**RE:** South Canoe Wind Project

West Hants Council is pleased to offer its support for the South Canoe Wind Project, subject to the proposal meeting the policies of the Municipal Planning Strategy with respect to wind turbine development. Both the Municipality's Integrated Community Sustainability Plan (ICSP) and the Municipal Planning Strategy (MPS) encourage the use of renewable energy, particularly wind. The ICSP states:

Council supports wind energy and has taken the steps to encourage its use in West Hants. Domestic wind turbines are permitted throughout the Municipality subject to such restrictions as location and height. Because of their greater impact on residential uses, the location of utility turbines is subject to a more rigorous evaluation in a development agreement process.... It shall be the policy of Council to permit wind turbines in the Municipality provided appropriate measures are taken to protect adjacent residential uses.

The MPS includes policies allowing Council to permit large wind turbines or wind farms by development agreement, and notes the following in support of these projects:

Council wishes to encourage the use of technologies that reduce dependence on non-renewable resources and do not contribute to greenhouse gas emissions. Wind energy systems are a clean, renewable source of electric power.

Proposals for wind energy projects are evaluated against a set of criteria that includes examining the adequacy of separation distances from adjacent land uses, whether the development is visually intrusive in the landscape, and the results of any provincial or federal environmental assessment processes. As with any development agreement proposal, a public hearing must be held prior to Council making its decision to receive comments from neighbours who might be affected.

While the outcome of a development agreement process cannot be predetermined, there is policy support, as I have described above, for this type of development, provided the proposal meets the requirements of the MPS and a satisfactory development agreement can be negotiated. West Hants Council looks forward to hearing more from you about this exciting project as it moves forward through the process.

Yours truly,

Richard Dauphinee

Warden

**Appendix P: Newsletter and Ads Featured in Local Newspapers** 

### South Canoe Wind Project Open House

The public is encouraged to attend:
Information sessions on the proposed
100 MW wind energy project located
within the Municipalities of the District
of West Hants and the District of
Chester

Feb. 11, 2012 2-5 pm Vaughan Fire Hall, 1884 RR#3, Windsor

Feb. 13, 2012 7-9 pm Chester Legion, 14 Union St., Chester

Questions: info@southcanoewind.com

### South Canoe Wind Project Open House

The public is encouraged to attend:

Information sessions on the proposed 100 MW wind energy project located within the Municipalities of the District of West Hants and the District of Chester.

Feb. 11, 2012 – 2-5pm Vaughan Fire Hall 1884 RR#3, Windsor

Feb. 13, 2012 – 7-9pm Chester Legion 14 Union St., Chester

Questions: info@southcanoewind.com



### South Canoe Wind Project Newsletter

Winter 2012 1st Edition

Come and Join Us at a public Open House session to discuss the project.

**Date:** Feb. 11, 2012 **Time:** 2-5 pm

**Location:** Vaughan Fire Hall 1884 RR#3, Windsor

 $\mathbf{Or}$ 

**Date:** Feb. 13, 2012 **Time:** 7-9 pm

Location: Chester Legion

14 Union St., Chester

### **Contact Us**

Please feel free to contact us at any time. Questions or concerns can be directed to:

Beth Caldwell Communications Coordinator (902) 684-1104 info@southcanoewind.com

### Thank You!

We look forward to meeting you and discussing our project with you.

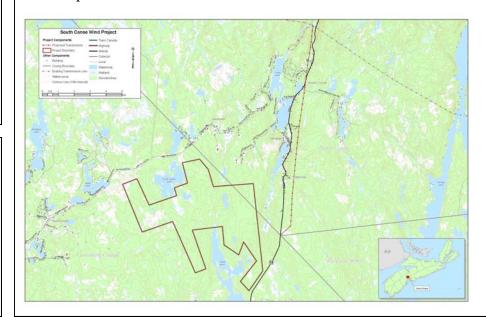
Please visit out website for further information or to provide feedback:

www.southcanoewind.com

### What is South Canoe Wind project?

Nova Scotia based companies, Oxford Frozen Foods and, Minas Basin Pulp and Power are proposing to develop a wind energy project with the support of Nova Scotia Power. If approved, this 100 MW wind energy project would be located within the Municipalities of the District of West Hants and the District of Chester. Named the South Canoe Wind Project, it is expected to produce enough energy to serve approximately 28,000 homes. Subject to approval, the construction would begin in 2013 and include between 33 and 50 wind turbine generators.

The project is subject to the provincial Environmental Assessment (EA) process. As part of this process, extensive studies will be completed, including those related to birds, bats, wildlife, plants, wetlands, watercourses, groundwater, noise, and visual aesthetics. Community engagement activities and consultation opportunities are currently underway and will continue throughout the project planning and EA process.









### South Canoe Wind Project Newsletter (P2) PROJECT INFORMATION

### What does this project mean for the community?

If approved, the project would help the local community become an important part of Nova Scotia's renewable energy future. Local ownership would bring long-term benefits and jobs for the community.

### What would be the economic impact?

Nearby communities and businesses would benefit from the project. For example, municipalities would benefit from tax revenue. The project would create jobs in areas such as construction and operations. Local businesses would benefit from increased economic activity.

### Where exactly will it be located?

The area for the proposed project is near the settlement of

Vaughan, approximately 15 km southwest of Windsor, Nova Scotia. It consists of approximately 6,369 ha of land.



### Why is another wind energy project needed?

The Government of Nova Scotia has set renewable electricity targets where 20% of generation will come from renewable energy sources by 2015 and 40% by 2020. The success of the South Canoe project could be a major step in this achievement. The project will compete in the upcoming Request for Proposals managed by the Renewable Electricity Administrator (REA), the provincial officer mandated to help achieve renewable energy targets.

### What is a wind turbine?

Wind turbines are used to transform the kinetic energy from the wind into electrical energy. The towers are made of tubular steel and/or concrete and the blades are usually made of fiberglass-reinforced polyester.

### Who is the project team?

Oxford Frozen Foods and Minas Basin Pulp and Power are proposing to develop the project supported by Nova Scotia Power as a minority partner.

Oxford Frozen Foods and its associated companies are based in Nova Scotia and are part of the Bragg group of

companies. Oxford is a vertically integrated, wild blueberry farming, processing and marketing group of companies and a major producer of frozen carrot products and battered vegetables. The Oxford label is recognized throughout the world as the standard for wild blueberries. The company's standard of excellence and commitment to quality has led to long term, successful alliances with suppliers and customers around the world.

Founded in 1927, Minas Basin Pulp and Power is a manufacturer of linerboard from 100% post consumer materials. The company also acts as an independent power producer with a 5 MW hydro facility and a portfolio of power projects under development from technologies including wind and tidal energy. Minas is a berth holder at the Fundy Ocean Research Center for Energy (FORCE) and is an active trader of carbon credits.

Nova Scotia Power has been the main electricity provider for Nova Scotians for more than 80 years, supplying 95% of the electrical generation, transmission and distribution in the province, NSPI provides safe, dependable sources of energy to its 490,000 customers. NSPI is making strides in reducing emissions and adding renewable energy sources. It is focusing on new technologies to enhance customer service and reliability.

NSP is the principal operating subsidiary of Emera, with 1,900 employees, \$4.0 billion in assets and a fleet that includes thermal, tidal and hydro plants as well as combustion and wind turbines.

*Below:* View from New Ross Road. Turbines have been added using computer simulation.



Thank You! We look forward to meeting you and discussing our project further with you.