

CONSULTATION REPORT

Sandringham Solar Farm

November 2011

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1.0 INTRODUCTION

Invenergy Solar Canada ULC. ('Invenergy Canada') proposes to develop a solar farm with a maximum name plate capacity of 10 MW, located north of the town of Woodville in the City of Kawartha Lakes, Ontario (**Figure 1**). The renewable energy facility will be known as the Sandringham Solar Farm ("the Project") and is rated as a Class 3 solar facility. Invenergy Canada has executed a contract with the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from the solar farm through the Province's Feed-in-Tariff (FIT) program (enabled by the *Green Energy and Green Economy Act*). The project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval* (REA) under Part V.0.1 of the *Ontario Environmental Protection Act*.

This Consultation Report has been prepared following the final public information centre and follow-up period with the public and is being submitted to the Ministry of the Environment (MOE) as part of a complete REA submission for the Sandringham Solar Farm Project. Other reports in the submission include:

- Project Description Report
- Construction Plan Report
- Design and Operations Report
- Noise Study Report (appended to the Design and Operations)
- Decommissioning Plan Report
- Natural Heritage Assessment Reports (Records Review Report, Site Investigation Report, Evaluation of Significance Report, Environmental Impact Study Report)
- Water Bodies Assessment Report (Records Review Report, Site Investigation Report)
- Stage 1, 2 and 3 Archaeological Assessment
- Cultural Heritage Assessment Report

The Consultation Report is required as part of a complete Renewable Energy Approval submission to the MOE. It provides the MOE with information on all consultation conducted in respect of the renewable energy project, including a record of comments and information received by the applicant, and demonstrates how the project was modified as a result of comments received. The content/format of this report follows that recommended in Part 2 of the Technical Guide to Renewable Energy Approvals (MOE, 2011).

2.0 THE PROPONENT

The proponent, Invenergy Canada, has been committed to public consultation throughout the REA process. This Consultation Report outlines the various activities that had been undertaken as part of the REA process. Contact information for Invenergy Canada is as follows:

Company Name:	Invenergy Canada
Company Address:	120 Front Street East Suite 201 Toronto ON M5A 4L9
Company Website:	http://sandringham.invenergyllc.com
Development Manager:	Ryan Ralph
Telephone:	416.901.9463
Fax:	416.546.9905
Email:	RRalph@invenergyllc.com

Dillon Consulting Limited is the prime contractor for the preparation of this Consultation Report. The contacts at Dillon are:

Full Name of Company:	<i>Dillon Consulting Limited</i>	
Prime Contact:	<i>Don McKinnon,</i> <i>Project Manager</i>	<i>Justine Giancola</i> <i>REA Project Coordinator</i>
Address:	<i>235 Yorkland Blvd., Suite 800</i> <i>Toronto, Ontario, M2J 4Y8</i>	<i>235 Yorkland Blvd., Suite 800</i> <i>Toronto, Ontario, M2J 4Y8</i>
Telephone:	<i>(416) 229-4646 ext 2355</i>	<i>(416) 229-4646 ext 2422</i>
Fax:	<i>(416) 229-4692</i>	<i>(416) 229-4692</i>
Email:	DPMcKinnon@Dillon.ca	JGiancola@Dillon.ca

3.0 PROJECT LOCATION

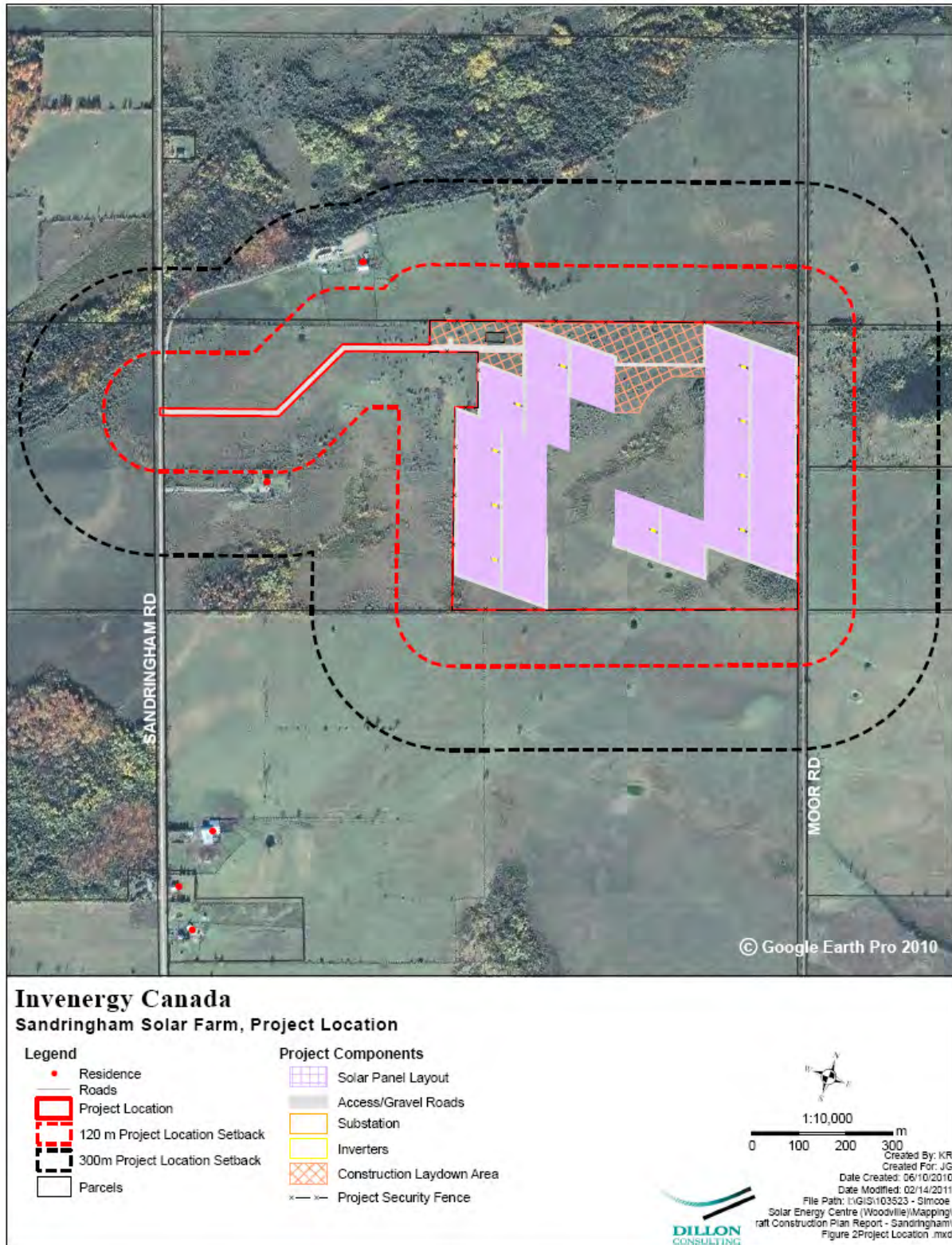
The proposed Class 3 solar facility is located at 764 Sandringham Road, between Palestine Road and Glenarm Road in the City of Kawartha Lakes, Ontario (**Figure 1**). **Figure 2** shows the project location, as defined in Ontario Regulation 359/09 as the land proposed to locate all project components. Project components, including solar modules and electrical facilities such as inverters, transformers, substations and electrical lines, will be located on private land. The total land parcel within the project boundary is 80 hectares.

From the on-site transformer/substation, an overhead 44 kV distribution line would extend along the access road to Sandringham Road (a distance of approximately 830 m). Hydro One will construct a new 44 kV overhead distribution line within the Sandringham Road right-of-way allowance to connect with the existing Hydro One distribution line located near the intersection of Glenarm Road and Sandringham Road, a distance of approximately 1.65 km. This line is not considered to be part of the project but is provided in the mapping for context (see Construction Report or Design and Operations Report). **Figure 1** shows the general location of the project in Southern Ontario.

Figure 1: Project Context



Figure 2: Project Location



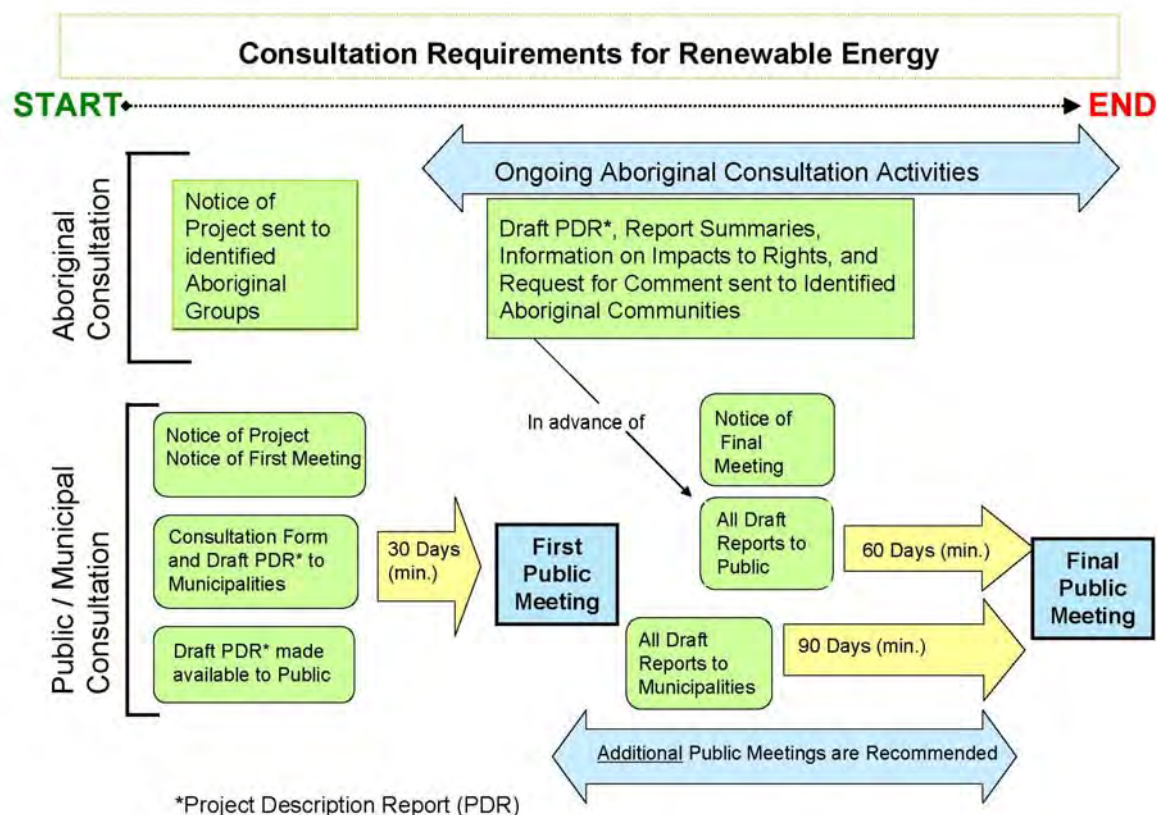
4.0 OVERVIEW OF CONSULTATION PROCESS

This Consultation Report details the formal consultation program, initiated in June 2010 with the publication of a combined Notice of Commencement and Notice of First Public Information Centre and is expected to culminate with the publication of a Notice of Proposal in respect of the application on the Environmental Registry. The report documents how interested and affected stakeholders were consulted with regards to the development, design and implementation of the proposed project. Further, it documents how stakeholder comments influenced the development, design and implementation of the proposed project.

Stakeholder consultation has been a central component of this project since its inception. The applicant has provided multiple opportunities for information-sharing and stakeholder feedback throughout the course of the project. Ongoing consultation activities and project communications are planned throughout the proposed project construction and operations stages as necessary and are outlined in **Section 9**.

The following sections of this report describe the key consultation activities that have been undertaken to date. Comments from the general public, Aboriginal communities, municipalities, and agencies have been identified and addressed and are reflected in the REA reports. The consultation process is illustrated in **Figure 3**.

Figure 3 - Consultation Requirements for Renewable Energy Projects¹



4.1 Whom to Consult

Mandatory consultation activities are primarily outlined in sections 14-18 of *O. Reg. 359/09* and include project notification, release of draft documents and public information centres. Consultation activities are prescribed for:

- Aboriginal communities, as identified by the Director of the MOE, and any other Aboriginal community that, in the opinion of the proponent, has or may have constitutionally protected Aboriginal or treaty rights that could be adversely impacted by the renewable energy project or otherwise may be interested in any negative environmental effects of the project;
- Assessed owners of land adjacent to² and within 120 metres of the project location;

¹ Source: MOE (2010). "Application Requirements for Proposed Renewable Energy Projects". [accessed on: May 31, 2011]. Available at: http://www.ene.gov.on.ca/environment/en/subject/renewable_energy/STDPROD_085137.html

- Clerks of each local municipality and upper-tier municipality in which the project location is situated;
- Secretary-treasurers of each Local Roads Board of a local roads area in which the project location is situated;
- Secretaries of each Local Services Board of a board area in which the project location is situated;
- Secretary-treasurers of planning boards that have jurisdiction in an area in which the project location is situated;
- The Chair of the Niagara Escarpment Commission, if the project location is in the area of the Niagara Escarpment Plan (not applicable to this project);
- The Director of the MOE;
- The Ministry's District Manager in each district in which the project location is situated; and,
- Any interested members of the general public.

The Sandringham Solar Farm project location did not fall within the area of the Niagara Escarpment Plan and was not situated in unorganized territory. Thus, consultation did not take place with the Niagara Escarpment Commission or Local Road, Services or Planning Boards.

4.2 **Consultation Objectives**

Consultation is a two-way exchange of information between renewable energy project applicants and interested or potentially affected local groups, Aboriginal communities, members of the public as well as municipalities, local authorities, agencies and other interested parties. Consultation helps ensure that concerns are identified early and addressed where possible, in a transparent manner. Consultation also enables applicants to obtain and use local knowledge in their project designs/plans and in the assessment of any potential negative environmental effects.

The objectives of the Sandringham Solar Farm consultation process were to:

- Identify potentially interested stakeholders and the nature of their interests;
- Consult with stakeholders as early as possible to identify potential issues and concerns;

² Requirement as of January 1, 2011

- Inform stakeholders of preliminary plans for the proposed project, and identify possible impacts of the proposed project on the physical, natural, social and economic environment of the community;
- Receive input and feedback from stakeholders on all aspects of the project; and
- Incorporate stakeholder feedback into the planning, design, construction, and operation of the facility, where possible and practical.

4.3 **Required Documentation**

In accordance with *O. Reg. 359/09*, the Consultation Report includes the following information on consultation activities conducted:

- A summary of communication with any members of the public (**Section 5.5**), Aboriginal communities (**Section 6.4**), municipalities (**Section 7.5**) and agencies (**Section 8.6**) regarding the project;
- Evidence that the information required to be distributed to Aboriginal communities under subsection 17 (1), *O. Reg. 359/09* was distributed (**Appendix D**);
- Any information provided by an Aboriginal community in response to a request made under paragraph 4 of subsection 17 (1), *O. Reg. 359/09* (**Appendix D**);
- Any information provided by an Aboriginal community on potential adverse impacts on Aboriginal treaty rights and measures for avoiding, minimizing or mitigating potential adverse impacts to those rights (**Appendix D**);
- Rationale behind any proposed mitigation options to address potential impacts on Aboriginal or treaty rights or potential environmental effects and the degree to which Aboriginal communities were involved in developing the mitigation options (**Section 6: Aboriginal Consultation**);
- Rationale why any community proposal for mitigation was or was not accepted by the applicant (**Section 5: Public Consultation**);
- Evidence that a consultation form and draft documents were distributed in accordance with subsections 18 (1) and (5) of *O. Reg. 359/09* (**Appendix E**);
- The consultation form distributed under subsection 18 (5), *O. Reg. 359/09*, if any part of it has been completed by a municipality, Local Roads Board or Local Services Board (**Appendix E**);

- A description of whether and how,
 - comments from members of the public (**Section 5.5**), Aboriginal communities (**Section 6.4**), municipalities (**Section 7.5**) and agencies (**Section 8.6**) were considered by the person who is engaging in the project (also **Appendix A**),
 - the proposed project and REA reports that were made available under subsection 16 (5), *O. Reg. 359/09* were altered to reflect comments from Aboriginal communities and comments received after the final public meeting (PIC#2) was held (**Section 5.5, Section 6.4, Section 7.5, Section 8.6**); and
 - the proposal to engage in the project was altered in response to comments received from members of the public (**Section 5.5**), Aboriginal communities (**Section 6.4**), municipalities (**Section 7.5**) and agencies (**Section 8.6**);
- Copies of notices published in accordance with section 15 of *O. Reg. 359/09* (**Appendix A**);
- A record and mailing list of individuals, organizations or agencies who received project notices (**Appendix A**);
- A list of all participants who attended the public information centres (**Appendix C**) and a record of public concerns and issues (**Appendix A**);
- A record of how the concerns and issues have been considered (**Appendix A**);
- A description and documentation of how any issues raised during municipal consultation were considered (**Section 7.5** and **Appendix A**); and
- A report of any outstanding concerns (**Section 10.0**).

4.4 **Summary of Consultation Activities to Date**

Consultation activities by the proponent are summarized in **Table 2**, which provides the name of the activity, date(s) on which the activity took place and a description of the activity conducted. Information in this table is referenced in **Sections 5-8** of the Consultation Report. Correspondence from stakeholders is not included in the table but is summarized in the sections below and in the Appendices.

Table 1: Summary of O. Reg. 359/09-Prescribed Consultation Activities to Date

Activity	Timing	Description
Advertising in the local newspaper (<i>The Lindsay Post</i>)	June 18, 2010 (33 days prior to PIC#1)	Combined Notice of Commencement and First Notice of First Public Information Centre
	July 9, 2010 (12 days prior to PIC#1)	Combined Notice of Commencement and Second Notice of First Public Information Centre
	July 29, 2011 (61 days prior to PIC#2)	Combined Notice of Draft REA Documents Release and First Notice of Second Public Information Centre
	September 16, 2011 (12 days prior to PIC#2)	Combined Notice of Draft REA Documents Release and Second Notice of Second Public Meeting
	TBD (within 10 days of EBR posting)	Notice of REA Documents Review by MOE
Advertising in Aboriginal Newspaper(s)	N/A	N/A
Landowner Mailings	June 22, 2010	Combined Notice of Commencement and First Notice of First Public Information Centre
	July 12, 2010 (9 days prior to PIC#1)	Notice of draft Project Description Report and hard copy of report
	July 27, 2011 (63 days prior to PIC#2)	Combined Notice of REA Documents Release and Notice of Second Public Information Centre with hard copy of REA Documents
Document Releases to the Public	July 9, 2010 (12 days prior to PIC#1)	Project Description Report (PDR) - made available on the website, and the Kawartha Lakes Municipal Office and Invenenergy

Activity	Timing	Description
		Canada head office in paper copy
	July 29, 2011 (61 days prior to PIC#2)	Draft REA Documents – made on the website, and the Kawartha Lakes Municipal Office, Woodville Public Library and Invenergy Canada head office in paper copy
Public Information Centres	July 21, 2010	First Public Information Centre (PIC#1)
	September 28, 2011	Second Public Information Centre (PIC#2)
Aboriginal Correspondence	June 16, 2010 (35 days prior to PIC#1)	Introductory letter and combined Notice of Commencement and Notice of First Public Information Centre to: - Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A - Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A - Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32 - Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A - Hiawatha First Nation - Mississaugas of Scugog Island
	July 12, 2010 (9 days prior to PIC#1)	Notice of draft Project Description Report with hard copy of report to: - Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A - Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A - Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32 - Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A - Hiawatha First Nation - Mississaugas of Scugog Island

Activity	Timing	Description
	February 1, 2011	Introductory letter, combined Notice of Commencement and Notice of First Public Information Centre and Project Description Report to additional aboriginal groups (as identified by the Ministry of Environment): - Beausoleil Chippawas of Christian Island - Kawartha Nishnawbe First Nation - Georgian Bay Métis Council - Métis Nation of Ontario
	July 26, 2011 (64 days prior to PIC#2)	Status update letter, combined Notice of Draft REA Documents Release and Notice of Second Public Meeting, Summary of REA Documents and full draft REA documents (in binder form) couriered to: - Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A - Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A - Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32 - Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A - Hiawatha First Nation - Mississaugas of Scugog Island - Beausoleil Chippawas of Christian Island - Kawartha Nishnawbe First Nation - Georgian Bay Métis Council - Métis Nation of Ontario
Municipal Correspondence (City of Kawartha Lakes)	June 16, 2010 (35 days prior to PIC#1)	Introductory letter with combined Notice of Commencement and Notice of First Public Information Centre
	July 12, 2010 (9 days prior to PIC#1)	Notice of draft Project Description Report and hard copy of report

Activity	Timing	Description
	July 21, 2010	Project kick-off meeting with the City of Kawartha Lakes
	September 15, 2010	Municipal Consultation Form (MCF) and sign-back sheet
	October 12, 2010	Pre-consultation meeting with the City of Kawartha Lakes
	July 14, 2011 (76 days prior to PIC#2)	Email requesting 60 day review period of draft REA documents before PIC #2 as apposed to 90 days, but full review period still maintained
	July 25, 2011 (65 days prior to PIC#2)	The 3 hard copies of the following documents with the updated Municipal Consultation Form were couriered for review as part of the Municipal Consultation requirements: - Draft Construction Plan Report - Draft Design and Operations Report - Draft Decommissioning Plan Report
	July 27, 2011 (63 days prior to PIC#2)	Combined Notice of REA Documents Release and Notice of Second Public Information Centre with hard copy of REA Documents
Agency Correspondence (MOE Director and MOE District Manager)	June 16, 2010 (35 days prior to PIC#1)	Introductory letter with combined Notice of Commencement and Notice of First Public Information Centre
	July 12, 2010 (9 days prior to PIC#1)	Notice of draft Project Description Report and hard copy of report
	July 27, 2011 (64 days prior to PIC#1)	Combined Notice of REA Documents Release and Notice of Second Public Information Centre

Activity	Timing	Description
	PIC#2)	Information Centre
Website (http://sandringham.invenenergyllc.com)	June 2010 – Present	On the day of public release or shortly after, the following documents were posted to the website: Notice of Commencement and First Notice of First Public Information Centre Second Notice of Commencement and Second Notice of First Public Information Centre Draft Project Description Report First Public Meeting Materials Notice of Draft REA Documents Release and First Notice of Second Public Meeting Notice of Draft REA Documents Release and Notice of Second Notice of Second Public Meeting Draft Renewable Energy Approval (REA) Reports Second Public Meeting Materials
	To be determined	Notice of Proposal in respect of the application on the Environmental Registry

The proposal to engage in the project was not altered in response to comments received from members of the public, Aboriginal communities, municipalities and agencies. The documents made available under subsection 16(5) were not amended after the final public meeting (PIC#2) was held.

5.0 PUBLIC CONSULTATION

O. Reg. 359/09 sections 15 and 16 describe mandatory public consultation activities. The following describes the consultation activities undertaken by the proponent to inform members of the public about the details of the proposed project and to solicit their feedback and input. Where public input influenced

the proposed project, details are provided. Public correspondence is provided in **Appendix B**. The contact list and comment/response table is provided in **Appendix A**.

5.1 **Identification of Landowners**

Nine individual properties are adjacent to and/or within 120m of the project location (not including the participating property owner) as identified by O. Reg. 359/09. The landowner consultation list was developed to include landowners within a 120 m radius from both the project location and the 44 kV Hydro One power line to run south along Sandringham Road to connect to the existing Hydro One distribution line located near the intersection of Glenarm Road and Sandringham Road, as at the time the project was initiated it was unclear whether including the powerline as a project component would be a requirement. Although the Hydro One upgraded powerline is not a Project Component, the landowner list was maintained in this fashion for the remainder of project notices for consistency and public awareness.

5.2 **Notification**

O. Reg. 359/09 requires the publication and distribution of public notices to inform the public of proposed renewable energy projects and meetings. Notices, prepared in accordance with O. Reg. 359/09, were published in *The Lindsay Post* a newspaper with general (free) circulation on Fridays to homes across the City of Kawartha Lakes. The Notice of Commencement was combined with the Notice of Public Information Centre for the first public meeting (as allowed by subsection 15(4)). A list of notices and their publication dates is provided in **Table 2**. Copies of all notices were posted on Invenergy Canada's website shortly after publication in the newspaper.

As noted above, all notices were distributed to the landowner list through direct Canada Post mail.

A mailing list for the general public, based on interest at the public meetings and other correspondence, was maintained and updated throughout the project. Copies of notices were emailed and/or mailed to those who requested that their name be added to the list and who provided addresses for communication.³ Copies of the notices and final mailing list are provided in **Appendix A**.

5.3 **Document Releases**

Prior to the first public meeting, a draft *Project Description Report* (PDR) was prepared and distributed for public review, in accordance with subsection 15(2) of O. Reg. 359/09, at the City of Kawartha Lakes Clerks Office (1st floor, 26 Francis Street, Lindsay, Ontario) and Invenergy Canada's Head Office (120 Front Street

³ In some cases hand writing was illegible or full addresses were not given despite a request to be added to the mailing list.

East, Suite 201, Toronto, Ontario). The Notice of the availability of the PDR was provided in the combined Notice of Commencement and of First Public Information Centre (see details in **Table 2**).

Prior to the second public meeting, binders containing all draft REA documents were provided for public review, in accordance with subsection 16(5), at the following locations:

- City of Kawartha Lakes Clerks Office, 1st floor, 26 Francis Street, Lindsay, Ontario;
- Woodville Public Library, 78 King Street, Woodville, Ontario;
- Invenenergy Head Office, 120 Front Street East Suite 201, Toronto ON, M5A 4L9; and,
- Project website.

The availability of these documents was provided in the combined Notice of Draft REA Release and Notice of Second Public Information Centre. With the exception of the Consultation Report, all documents and supporting materials to be submitted in the final application to the MOE were provided to the public in the draft REA release.

5.4 **Public Meetings**

The first public information centre (PIC#1) was held on July 21, 2010 from 5:00 - 8:00pm at Woodville Town Hall, 100A King, Woodville, Ontario K0M 2T0, approximately 9.4 km from the proposed project location. This public information centre was held for both the Sandringham and Woodville Solar Farms (Woodville Solar Farm is located at 1126 Woodville Road, Kawartha Lakes), which are approximately 12 km from each other and the Woodville Town Hall is the closest public facility to accommodate a PIC from both locations. In addition, by holding the first PIC's for both projects simultaneously, it allows the public to learn about both projects together, creates transparency in both projects and is more efficient for the public. The public was notified of the meeting as described in **Section 5.2**.

PIC#1 provided a forum for members of the public to learn about the projects, information to date, and to discuss their questions and concerns related to the potential impacts of the project. Twenty-two panels outlined the location, potential environmental concerns, the REA process, and general information about the project. Twenty-five people registered their names on the attendance sheet and it is estimated that approximately 28 people attended. Four representatives of Invenenergy Canada and two representatives of Dillon Consulting attended to answer questions. Thirty copies of the draft PDR were made available and comment sheets were handed out to every attendee. Three comment sheets were filled out by members of the public and returned at the meeting. No other comment sheets were received by mail, email or fax.

The second public meeting was held on September 28, 2011 from 5:00 – 8:00pm at the Fenelon/Cambray Town Hall, 2255 Elm Tree Road, Cambray Ontario K0M 1E0, approximately 19 km from the proposed project location. The Woodville Town Hall was not available to hold the second public information centre due to maintenance for the fall. The public was again notified of the meeting as described in **Section 5.2**.

The second public information centre (PIC#2) provided a forum for members of the public to review the draft REA reports as well as to discuss their questions and concerns related to the potential impacts of the project. Five people signed the attendance sheet and it is estimated that approximately six to seven people attended. Thirty panels outlined the location, potential environmental concerns, the REA process, and general information about the project as well as results of the studies and information from the reports provided in the draft REA documents. Two representatives from Invenenergy Canada and two representatives of Dillon Consulting attended to answer questions. Two binders containing the draft REA documents were made available. Comment sheets and contact information was handed out to every attendee and no comment sheets were submitted. No other comment sheets were received by mail, email or fax.

Materials provided and collected at the public meetings are available in **Appendix C**.

5.5 Summary of Communications Received

In total, 3 comment sheets, and a variety of emails and phone calls were received from members of the public between the date of project initiation in June 2010 and the date of submission of this report to the MOE in October 2011. The following key issues and concerns were raised during the public consultation process:

- General support for the project;
- Questions about the cost of the project and cost/benefits to taxpayers and landowners; and,
- Concerned over weed growth and maintenance procedures.

No changes to the proposal to engage in the project or the project design were made as a result of these comments due to the nature of the comments and because questions were resolved adequately with the public through consultation and feedback at the public meetings. No documents that were made available under subsection 16 (5), *O. Reg. 359/09* were amended after the final public information centre (PIC#2) as a result of public consultation. Responses to all comments received, have been summarized in the comment/response table in **Appendix A**. Copies of all public correspondence are provided in **Appendix B**.

6.0 ABORIGINAL CONSULTATION

O. Reg. 359/09 Section 17 describes mandatory Aboriginal consultation activities. Additional, specific, guidance for Aboriginal Consultation is provided in the Draft Aboriginal Consultation Guide (MOE, 2011).

The following describes the consultation activities undertaken by the proponent to inform members of Aboriginal communities (First Nations and Métis) about the details of the proposed project and to solicit their feedback and input, especially as it relates to potentially affected Aboriginal or treaty rights. Where adverse affects have been identified, the following documents how to address the concerns and attempts to avoid, minimize and/or mitigate adverse impacts. Details of how Aboriginal community input influenced the proposed project are also provided. All Aboriginal correspondence is provided in **Appendix D**, with the exception of MOE correspondence relating to Aboriginal consultation, which is provided in **Appendix F**, but discussed below.

6.1 *Aboriginal Community Identification*

On July 9, 2010 a draft Project Description Report was sent to the Environmental Assessment and Approvals Branch (EAAB) of the MOE for the purpose of obtaining an official list of Aboriginal communities that may have an interest in the proposed project. An email was received January 13, 2011 with the official Aboriginal consultation list from the MOE. It contained the following Aboriginal communities:

- **Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A**
- **Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A**
- **Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32**
- **Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A**
- **Hiawatha First Nation**
- **Mississaugas of Scugog Island**
- **Beausoleil Chippawas of Christian Island**
- **Kawartha Nishnawbe First Nation**
- **Georgian Bay Métis Council**
- **Métis Nation of Ontario**

All correspondence with the MOE relating to Aboriginal community identification, including the official MOE list, has been included in **Appendix F**.

6.2 *Notification, Requests for Information and Document Releases*

As per subsections 15(6) and 17(1) of *O. Reg. 359/09* copies of notices listed in **Table 1** were provided to Aboriginal communities.

6.2.1 Contact List A – Proponent-Identified Aboriginal Communities

On June 16, 2010 letters of introduction were couriered to Aboriginal communities on Contact List A (the list developed prior to MOE's feedback). The letter was accompanied by a draft PDR and a copy of the combined Notice of Commencement and Notice of First Public Information Centre. In addition to providing information about the project the letter requested the following, in accordance with subsection 17(1):

"...information that should be considered in the planning of this project, in particular any information that your community may have regarding any potential adverse impacts of the project on constitutionally protected Aboriginal or treaty rights and recommendations for measures to mitigate these adverse impacts."

"Invenergy Canada is pleased to continue communications with Aboriginal communities with respect to this renewable energy project and is available to meet with representatives of your community to present the proposed projects and results of the REA process, answer any questions, and learn about your interests and potential concerns."

Follow up phone calls were made on July 20, 2010, prior to PIC#1 to ensure that the information had been received and that the communities were aware of the public meeting. The detailed call log is available in **Appendix D**. No concerns or issues were raised at that time.

6.2.2 Contact List B – Closing the Gap

After receiving the MOE contact list on January 13, 2011, notices were mailed and subsequent phone calls were made to the additional Aboriginal communities identified. An overview of the project was provided and an explanation of the consultation activities to date and the MOE/MNO contact lists. Introductory letters and draft PDRs were emailed and/or mailed to the communities on February 1, 2011. A request was made during the phone conversation for comments on the documents and to determine how best Invenergy Canada could ensure that the Aboriginal community received the information provided at PIC#1. Invenergy Canada offered to meet or provide additional information if there was a need identified. The Metis Nation of Ontario - Georgian Bay Traditional Harvest Territory Consultation Committee (GBHTCC) requested a meeting and a meeting was held on June 23, 2011 (see **Appendix D** for meeting minutes). Results of the Natural Heritage, Cultural Heritage and Archeology Studies were presented by Invenergy to GBHTCC and discussed, a number of questions were documented and subsequently answered as a follow up to the meeting. **Table 2** provides the history of communications with Aboriginal Communities on Contact List B up to the point where consultation activities matched those of Contact List A. From there on consultation activities applied to all Aboriginal communities (Contact List C) at the same time.

Table 2: History of Communications with Contact List B

Date	Aboriginal Community	Information
2/1/2011	Contact List B	Introductory letter, combined Notice of Commencement and Notice of First Public Information Centre and Project Description Report was mailed to Contact List B (as identified by the Ministry of Environment): - Beausoleil Chippawas of Christian Island - Kawartha Nishnawbe First Nation - Georgian Bay Métis Council - Métis Nation of Ontario
4/14/2011	Metis Nation of Ontario – Georgian Bay Traditional Harvest Territory Consultation Committee	<i>Ryan:</i> <i>The Georgian Bay Traditional Territory Consultation Committee (the “Committee”) has received notice from the Ministry of Environment on two of Invenergy Canada solar project that are in our Traditional Territory.</i> <i>The Committee is interested in meeting with Invenergy Canada on these projects and any other projects that may the company may be undertaking.</i> <i>I left a brief voicemail with you yesterday requesting you contact me.</i> <i>Alden Barty,</i> <i>Consultation Coordinator</i>
4/14/2011	Metis Nation of Ontario – Georgian Bay Traditional Harvest Territory Consultation Committee	<i>Ryan:</i> <i>The Georgian Bay Traditional Territory Consultation Committee (the “Committee”) has received notice from the Ministry of Environment on two of Invenergy Canada solar project that are in our Traditional Territory.</i> <i>The Committee is interested in meeting with Invenergy Canada on these projects and any other projects that may the company may be undertaking.</i> <i>I left a brief voicemail with you yesterday requesting you contact me.</i>
4/27/2011	Metis Nation of Ontario – Georgian Bay Traditional Harvest Territory Consultation Committee	<i>Alden,</i> <i>I have received your voice mail and email regarding our Sandringham and Woodville Solar Farm projects located in the City of Kawartha Lakes. Currently both projects are undergoing natural heritage clearances from the MNR as we work toward our Renewable Energy Approval draft application document. We expect said draft applications will be available for public, agency and Aboriginal communities review by the end of May.</i> <i>Invenergy is committed to Informing and consulting with all interested members of the public, Aboriginal communities and agencies. We are willing to discuss with the Métis Nation of Ontario their interest in our projects via meeting or conference call at the Committee’s convenience.</i> <i>Please let me know what works for the Committee and we can schedule.</i> <i>Regards,</i>
5/27//2011	Metis Nation of Ontario –	<i>Ryan:</i>

Date	Aboriginal Community	Information
	Georgian Bay Traditional Harvest Territory Consultation Committee	<i>Please find attached a draft meeting budget. Once Invenenergy has approved the budget I will confirm the meeting date of Thursday June 23, 2011 with the Committee. If you have any questions, please contact me at your convenience. Best regards,</i>
6/6/2011	Metis Nation of Ontario – Georgian Bay Traditional Harvest Territory Consultation Committee	<i>Hi Alden, We would like to confirm the date of Thursday June 23rd for our meeting with MNO. We approve the meeting budget as well. Please advise what time the meeting would start.</i>
6/23/2011	Metis Nation of Ontario – Georgian Bay Traditional Harvest Territory Consultation Committee	Met with Métis Nation of Ontario - Georgian Bay Traditional Harvest Territory Consultation Committee, see meeting minutes
6/27/2011	Metis Nation of Ontario – Georgian Bay Traditional Harvest Territory Consultation Committee	<i>Ryan: Thank you for the information. I will have the invoices off to you shortly. On behalf of the Committee I would like to thank Invenenergy Canada for an informative meeting. The Committee will be preparing a response and will sent the documents to you, once prepared. Alden</i>
7/14/2011	Metis Nation of Ontario – Georgian Bay Traditional Harvest Territory Consultation Committee	<i>Hi Alden, As follow up to our meeting June 23rd, I have drafted and attached minutes from the meeting for the committees' records. As an FYI, I have submitted all meeting invoices I have received to date and they are currently being processed for payment. Below are answers to a couple of questions that came up during the meeting, which we promised to get back to you about. 1. Woodville Solar Site Animal Movement Corridors & Deer Wintering Areas : In discussion with Invenenergy's consultant Biologist (Dillon Consulting), who conducted the field studies on our Woodville Solar Site, he confirmed that although our construction activities on the project property would remove some hedgerow tree lines (aka. Animal Movement Corridor) our project will not affect Deer movement to and from these offsite Deer Wintering Areas as the site was not identified as having any ecological corridor/linkage function. 2. Area of Woodlots on adjacent properties: The question arose on the exact size of the woodlot located on the North side of Woodville road, across the street from our project property and the size of the Woodlot located on the east side of Cambray Rd. near the gravel pit across the street from our project property. I have confirmed the Woodlot to the North is 11.8 acres in area and the Woodlot to the East is 10.2 acres in area. Please let me know if you have any further questions. Thanks,</i>
7/26/2011	Contact List C (combined A and B)	Status update letter, combined Notice of Draft REA Documents Release and Notice of Second Public Meeting, Summary of REA Documents and full draft REA documents (in binder form)

Date	Aboriginal Community	Information
		couriered to: - Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A - Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A - Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32 - Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A - Hiawatha First Nation - Mississaugas of Scugog Island - Beausoleil Chippewas of Christian Island - Kawartha Nishnawbe First Nation - Georgian Bay Métis Council - Métis Nation of Ontario
8/15/2011	Beausoleil Chippewas of Christian Island	Put through to Tanya Rute, deals with project proposals. Left message re: both project draft REA packages, to confirm receipt and if they had any questions or concerns, requested call back. Left name and number.
8/15/2011	Kawartha Nishnawbe First Nation	Left message re: Draft REA packages sent for Woodville and Sandringham Projects, and that our Sandringham draft REA package was still at the Post Office for pick up.
8/15/2011	Kawartha Nishnawbe First Nation	<i>Good Morning,</i> <i>As per my voicemail, Invenergy Solar Canada had sent the Draft REA document package for the Sandringham Solar Farm to Kawartha Nishnawbe First Nation the last week of July. I am writing to inform you that Purolator has advised us that this package is still awaiting pickup at the post office. If you could please confirm that someone from Kawartha Nishnawbe FN will be picking up document package it would be appreciated. For any other questions or concerns regarding our solar projects, please call me at the number below, or on my cell phone : 905-484-5589.</i>
8/19/2011	Kawartha Nishnawbe First Nation	Left another message requesting call back, re: Sandringham package returned by Purolator, wanted to ensure it gets delivered to Kawartha Nishnawbe FN. Requested call back.
8/23/2011	Kawartha Nishnawbe First Nation	Sandringham Package resent via registered mail to PO box 1432, Lakefield ON, K0L 2H0, Woodville package did not have this issue, assume package receive in good order. No response to date.

6.2.3 Contact List C – All Identified Aboriginal Communities

On July 26, 2011 a package was couriered to Aboriginal communities on Contact List C (the final contact list combining Contact List A and B) containing the Notice of REA Documents Release and Second Public Information Centre (contacts lists can be found in **Appendix D**). As required by subsections 15(5) and

17(1), paper copies of all draft REA documents were provided (in binder form) and were accompanied by a summary of each draft REA document. A copy of the summaries provided can be found at the end of **Appendix D**.

Prior to releasing draft reports to the public⁴ input was requested from Aboriginal communities on the draft versions of all documents required as part of the REA application to the MOE. Copies of all draft documents, including the updated PDR and summaries of each document were provided along with a letter requesting the following in writing from Aboriginal communities:

“Invenergy Canada is again requesting any information that your community feels should be considered in the planning of this project. In particular, please provide any information that your community may have regarding potential adverse impacts of the project on constitutionally protected Aboriginal or treaty rights and recommendations for measures to mitigate these adverse impacts.”

“We continue to be available to meet with a representative of your community to present the project and results of the REA process as well as to learn about your interests and potential concerns.”

6.3 Meetings

PIC#1 and PIC #2 were not attended by any aboriginal community members who registered on the sign-in sheet. No comment sheets were filled out by members of Aboriginal communities at the public meeting. For details on the meetings see **Section 5.4** above.

As noted in **Section 6.2.3** Invenergy Canada offered to meet or provide additional information to Aboriginal Communities who demonstrated any interest in the proposed project on Contact List B. It was generally determined that electronic version of documents would be sufficient for the Aboriginal Communities review, except for the Métis Nation of Ontario – Georgian Bay Traditional Harvest Territory Consultation Committee, who responded to the notices and accepted an offer to meet to discuss the project. Invenergy Canada met with the Consultation Committee on June 23, 2011 to discuss the project details and any concerns the organization had, please see **Appendix D** for the meeting minutes from this meeting.

⁴ With the exception of the PDR released prior to PIC#1 and the Consultation Report

6.4 ***Summary of Communications Received***

In total, no comment sheets, 3 emails, no faxes, 2 letters, and 2 phone calls were received from members of Aboriginal communities between the date of project initiation in June 2010 and the date of submission of this report to the MOE in November 2011. All correspondence was as a result of previous contact with the communities initiated by Invenergy Canada and a request to return phone calls/emails. One meeting was held with the Métis Nation of Ontario-Georgian Bay Traditional Harvest Territory Consultation Committee on June 23, 2011. The questions and issues raised by Aboriginal communities during the Aboriginal consultation process are outlined below, with the meeting minutes available in **Appendix D**:

- Animal movement corridors and deer wintering areas; and,
- Area of woodlots on adjacent properties.

No changes to the proposal to engage in the project or the project design were made as a result of these issues and comments because questions were resolved adequately with the Aboriginal communities. No documents that were made available under subsection 16 (5), *O. Reg. 359/09* were amended after the final public information centre (PIC#2) in response to Aboriginal consultation. Responses to all comments received have been summarized in the comment/response table in **Appendix A**. Copies of relevant correspondence with Aboriginal communities are provided in **Appendix D**.

6.5 ***Alterations to the Project Proposal or Draft Documents***

There were no changes made to the project design as a result of the aboriginal consultation. The two issues identified from the Métis Nation of Ontario-Georgian Bay Traditional Harvest Territory Consultation Committee at the June 23, 2011 meeting were responded to in the meeting minutes, and no further correspondence was received (see **Appendix D** for meeting minutes).

7.0 **MUNICIPAL CONSULTATION**

This section details consultation activities undertaken by Invenergy Canada with the City of Kawartha Lakes during the REA process. It is noted that the City of Kawartha Lakes is a single tier municipality, and therefore no upper tier municipal consultation was applicable. Where municipal input influenced the proposed project during the REA process, details are provided. All municipal correspondence can be found in **Appendix E**.

7.1 **Notification**

As per subsection 15(6) of *O. Reg. 359/09* copies of notices listed in **Table 2** were provided to the municipalities. They were combined with the mailings for document releases.

7.2 **Document Release**

On July 9, 2010 a draft Project Description Report, accompanied by an introductory letter with the combined Notice of Commencement and Notice of First Public Information Centre, was provided to the municipality in accordance with subsections 18(1) and 18(2). In response to this document, the City Clerk confirmed through email that the document would be made available for public review.

In accordance with subsection 18(3) the following documents were provided to the municipalities on July 25, 2011 with the combined Notice of Draft REA Release and Notice of Second Public Information Centre (three hard copies of each as requested by the municipality):

- *Draft Construction Plan Report*
- *Draft Design and Operations Report*
- *Draft Decommissioning Report*

Prior to these documents being complete, an email was sent on July 14, 2011 to the City of Kawartha Lakes requesting permission from the municipality to hold the PIC #2 within approximately 60 days, as apposed to the 90 days from release of the draft REA documents. It was proposed to still accommodate the 90 day review period for the municipality, but hold the PIC #2 earlier to allow the process to be expedited should the municipality complete the review ahead of the 90 day period. Richard Holy, the Coordinator for Current Planning, emailed accepting this request on Thursday July 19, 2011. Please see **Appendix E** for the email correspondence.

In addition to the documents being reviewed with the Municipal Consultation Form, the municipalities were provided with binders containing the entire Draft REA Release with a request to make the documents available to the public for review.

7.3 **Municipal Consultation Form**

As per the requirements of Section 18 of *O. Reg. 359/09*, the applicant completed Part A of the *Consultation Form: Municipalities, Local Authorities* and sent copies to the City of Kawartha Lakes on September 15, 2010, as described in **Table 2**. The main purpose of the Municipal Consultation Form (MCF) is to obtain input from municipalities on issues of infrastructure and servicing as they relate to the proposed project. Before submitting the Municipal Consultation Form, various efforts to obtain municipal input were made. On July 21, 2010 Invenergy met with the Director and Manager of Development services

at the City of Kawartha Lakes for a kick-off meeting to discuss various project matters including REA process, Municipal Consultation and other permitting or municipal expectations. It was suggested that Invenergy participate in the City of Kawartha Lakes Pre-Consultation process, the formal process the municipality has in place for plan amendments and other developments in the City.

On October 12, 2010, Invenergy met with the City of Kawartha Lakes Pre-Consultation Committee and presented the proposed project to its members (please see **Appendix E** for the meeting invitation and details). Questions brought forward at that meeting by the municipality related to landscape screening plans, protecting the views of neighboring residents and emergency response. The draft PDR was provided with the Municipal Consultation Form on September 15, 2010, but the draft REA reports necessary to assist in completing the MCF were not available as of September 15, 2010. The purpose of the September 15 mailing was to introduce the municipalities to the form and provide information on next steps.

On July 25, 2011 an update on the project was provided to the municipality along with the outstanding required draft reports: Construction Plan Report, Design and Operations Report and the Decommissioning Plan Report. A letter accompanying the reports requested the municipalities review the reports and determine whether any infrastructure or servicing issues should be addressed. As stated in Section 7.2, the municipality accepted a request to hold the second PIC approximately 60 days prior to the MCF review, with the full mandatory 90 day review period being provided before REA final submission. The second public information centre was held on September 28, 2011. Invenergy Canada has been in communication with the City of Kawartha Lakes regarding this REA application and the Municipal Consultation Form for some time. On September 28, 2011 Invenergy met with a Planner at the City of Kawartha Lakes to inquire about the status of the Municipal Consultation Form that is required for REA application for both their Sandringham and Woodville Solar Farm projects. Invenergy Canada was notified that the Municipal Consultation Form for the Sandringham Solar Project is still awaiting Council's approval (expected in the fall) and could not be released. In an email dated October 28th from the City of Kawartha Lakes Planner, it is suggested that the comments for the Sandringham Solar Farm would be very similar to the Woodville Solar Farm comments received on October 7, 2011 (see email in **Appendix E**). The draft Woodville comments were received via email from a City planner on October 7, 2011 and include the following:

- No permit is required by the Kawartha Region Conservation Authority permits for this project;
- The City of Kawartha Lakes Fire and Rescue Service requests additional information including a site plan (showing all equipment disconnects, inverters, etc), detailed emergency response plan, site plan showing reasonable amount of access roads to support responding apparatus, approved fire extinguisher placement, ground cover and control measures, on-site orientation and training session prior to commissioning;

- Dust control and road cleaning to be the responsibility of the developer during construction, an entrance permit is required;
- A lot grading and drainage plan may be required;
- There are no easements or restrictive covenants registered against the property; and,
- A permit will be required for any building greater than 10 sq.m.

Invenenergy Canada will work with the Municipality to satisfy their requirements. Once Invenenergy receives the Municipal Consultation Form submission from the City, it will be sent to the MOE for inclusion in the final REA submission.

Evidence of the distribution of the consultation form, as well as proof of delivery of the draft REA reports and other correspondence has been included in **Appendix E**.

7.4 Public Meetings

The public information centres were not attended by municipal staff. No comment sheets were completed.

7.5 Summary of Communications and Alternation to the Project

No changes to the proposal to engage in the project were made as a result of the comments because questions were resolved adequately with the municipalities. No documents that were made available under subsection 16 (5), *O. Reg. 359/09* were amended after the final public information centre (PIC#2) in response to municipal consultation. Municipal consultation will be a continuous activity throughout permit, construction and operation. Municipal correspondence is provided in **Appendix E**.

8.0 AGENCY CONSULTATION

This section details the consultation activities with government and other agencies. All correspondence with government agencies is provided in **Appendix F**.

8.1 Notification of Document Release

As per subsection 15(6) of *O. Reg. 359/09* copies of the required notices listed in **Table 1** were provided to the MOE District Manager and MOE Director on the dates listed. In addition, a draft PDR was provided to the MOE on July 9, 2010.

The only other documents released to agencies were the Natural Heritage Assessment (which was provided to the Ministry of Natural Resources (MNR) for a confirmation letter as discussed in **Section 8.4**) and the draft Cultural Heritage Study and Stage I/II Archaeology Studies (which accompanied letters to the Ministry of Culture and Ontario Heritage Trust for information to be included in the Cultural Heritage Screening as discussed in **Section 8.5**).

8.2 Consultation with the Ministry of Environment

Correspondence with the MOE consisted of the required mailings of notices, as well as some correspondence around the MOE aboriginal list.

8.3 Consultation with the Conservation Authority

Inverenergy Canada and their consultants, Dillon Consulting Limited, were in correspondence with both the Kawartha Region Conservation Authority (KRCA) and Lake Simcoe Region Conservation Authority (LSRCA) for the Sandringham Solar Farm. There was one representative from the KRCA in attendance at the pre-consultation meeting held on October 17, 2010 with the City of Kawartha Lakes and a variety of additional email and letter correspondence with both conservation authorities.

An information request was provided to the KRCA for the Sandringham property on June 8, 2010. The KRCA response letter dated August 10, 2010 confirmed the eastern half of the subject property is located within the KRCA's jurisdiction and the western half is located in the Lake Simcoe Region Conservation Authority's (LSRCA'S) jurisdiction. It also confirmed the two wetland areas on the subject property, one located in the southwest corner in the LSRCA's jurisdiction and the other in the middle of the east half of the property. KRCA advised that a permit will be required should development of site alternations be proposed within 30 metres of the wetland on the east half of the property. In addition the KRCA advises that according to their site visit on July 27, 2010, the watercourse identified on mapping does not meet the Conservation Authorities Act (Section 28(25)) definition of a 'watercourse' given that no identifiable depression in the ground was observed and therefore it is not regulated under Ontario Regulation 182/06. The response letter can be found in **Appendix F**.

Correspondence with the LSRCA confirmed that since the project components were being proposed on the KRCA half of the property, that consultation with the KRCA would be sufficient to resolve any natural heritage and water bodies concerns for this project. Email correspondence can be found in **Appendix F**.

From August 20 through 24, 2010 the project Biologist had various communications with Peter Waring and Leah Breivik from Kawartha Conservation about the proposed project layout and natural features. It was confirmed that if the project components were outside of the 30 m setback from the KRCA regulated

wetland feature (eastern portion of the project), a permit would not be required from the KRCA for this project. The project layout was altered to meet the KRCA's needs, and have been proposed outside of the 30 m setback from the wetland. Email correspondence can be found in **Appendix F**.

No documents that were made available under subsection 16 (5), *O. Reg. 359/09* were amended after the final public information centre (PMIC#2) in response to municipal consultation. Correspondence with the KRCA is available in **Appendix F**.

8.4 Consultation with the Ministry of Natural Resources

The Ministry of Natural Resources (MNR) was consulted throughout the study process. Requests for information (e.g. Species at Risk data, ANSIs, evaluated wetlands, fish dot collection records) were made and information provided (see June 10, 2010 and July 14, 2010 letters in **Appendix F**). There were a number of email correspondence, conference calls (e.g., August 11, October 6, 19, and 21, 2010 and March 8, 2011) and a site meeting (on November 3, 2010) to obtain information and confirm any issues throughout the project development. Correspondence with the MNR is available in **Appendix F**.

The initial Natural Heritage Assessment (NHA) package was submitted to the MNR on January 24, 2011. A formal response from the MNR was provided on March 24, 2011 (see **Appendix F**). Through a variety of email and phone call correspondence as well as a meeting on May 4, 2011, comments were received in regards to revisions to the Natural Heritage Assessment package. The following revisions were incorporated into the Natural Heritage Assessment and submitted to the MNR on June 17, 2011:

1. Access road across the southern grassland was removed;
2. Revised evaluation of significance to include 10km regional analysis (open country bird breeding habitat now determined not to be significant wildlife habitat);
3. Additional details added to the EIS – Description of Project Activities (Section 6);
4. Addition of detailed shrubland habitat restoration and enhancement plan (Section 8.2);
5. Edits to EIS Table 6 Environmental Effects Monitoring Plan (e.g, mitigation, monitoring and contingency plans); and,
6. Addition of maintained grassland areas (including cutting maintenance guidelines – Section 8.3).

This updated Natural Heritage Assessment package addressed all of the concerns of the MNR, and a confirmation letter issued by the MNR was received on June 29, 2011. After receipt of the MNR confirmation letter no changes were made to the location of project components. The project location itself was not altered.

8.5 ***Consultation with the Ministry of Culture***

During the REA process the Ministry of Tourism and Culture (MTC) is typically contacted to review Archaeological and Cultural Heritage Assessments. As required by Section 22(3) of O. Reg. 359/09, Invenergy Canada retained Scarlett Janusas Archaeological and Heritage Consulting and Education to conduct a Stage 1 and 2 archaeological assessment for the project location (north half of Lot 19, Concession 15, Mariposa Township, former County of Victoria, City of Kawartha Lakes, Ontario). The Stage 1 and 2 archaeological assessment was submitted to the MTC. On December 13, 2010 a letter from the MTC was issued with a recommendation that a Stage 3 archaeological assessment is conducted prior to development. It is also recommended that site BcGr-12 and its buffer zone of at least 20 metres is not within the impact zone of any of the planned project areas, and this site does not require any further archaeological assessment if the site plan remains as is. A Stage 3 Archaeological Assessment was completed on July 4, 2011 and submitted to the MTC shortly after (see **Archaeological Assessment Package**). This Stage 3 Archaeological Assessment recommends no further archaeological assessment is required. The MTC letter dated October 24, 2011, deems the archaeological assessment to comply with the Ontario Heritage Act's license requirements and confirmed satisfaction with its recommendations. The project components have remained outside of the 20 metre buffer zone from BcGr-12, and no further archaeological assessment was conducted on this site.

As outlined in subsections 19(3), 20(1) and 20(2) of O. Reg. 359/09, a person who proposes to engage in a renewable energy project shall consider whether engaging in the project may impact protected properties or cultural heritage resources. Invenergy Canada retained Scarlett Janusas Archaeological and Heritage Consulting and Education to conduct a Cultural Heritage Assessment for the project location. This was submitted to the MTC at the same time as the Stage 1 and 2 Archaeological Assessment. The MTC provided comments on the Cultural Heritage Assessment on February 10, 2011. The Cultural Heritage Assessment was updated and submitted to the MTC again after consultation with them on the comments and was accepted on May 3, 2011. Correspondence with the MTC is provided in **Appendix F**.

8.6 ***Summary of Communications***

Correspondence with agencies was ongoing throughout the study process and resulted in numerous phone calls, emails, and letters. The following key issues and concerns were raised during the agency consultation process:

- Scope of field studies;
- Effects of project components to wetlands if within 30 m wetland buffer area;
- Grassland habitat preservation;

- Compensation for the loss of Shrub/Early Successional Bird Breeding Habitat
- Natural features identification, field assessment and evaluation for significance; and,
- NHA report and mapping requirements under *O. Reg. 359/09*.

No changes to the proposal to engage in the project were made as a result of these issues and comments because questions were resolved adequately with the agencies. No documents that were made available under subsection 16 (5), *O. Reg. 359/09* were amended after the final public meeting (PM2) in response to agency consultation. Correspondence related to the above issues is provided in **Appendix F** and summarized in the comment/response table in **Appendix A**.

9.0 **ONGOING CONSULTATION AND COMMUNICATIONS**

While the bulk of stakeholder consultation was undertaken during the project design phase, Invenergy is committed to maintaining communication with interested stakeholders over the project's lifecycle. This section describes ongoing consultation and communication efforts.

9.1 ***Emergency Communications Plans***

An Emergency Communications Plan for the Sandringham Solar Farm Project will be prepared as part of the Emergency Response Plan (ERP) outlined in the *Design and Operations Report*. It will provide key contact information for relevant responders and regulators and contains a description of the chain of communications between Invenergy Canada and relevant responders under emergency scenarios applicable to the project. The ERP and related Emergency Communications Plans will be reviewed and updated on an annual basis or when necessary due to changes in operation or for unforeseen circumstances.

For more information please refer to Section 6.1 of the *Design and Operations Report*. The information is also available on the project website: <http://sandringham.invenergyllc.com>.

9.2 ***Non-Emergency Communications Plans***

9.2.1 **Ongoing Stakeholder Engagement**

Public consultation and stakeholder engagement activities will continue throughout the life of the project as required. Following the posting of Invenergy Canada's REA application on the Environmental Registry by the MOE, a notice will be published, in accordance with subsection 15.2(1), in *The Lindsay Post* and posted

on the project website (<http://sandringham.invenenergyllc.com>). The contact and mailing list will continue to be updated as necessary and will be used to disseminate information about the project, including copies of the above-mentioned newspaper notice. Additional newspaper notices will be published and mailings will occur as necessary (e.g. to inform of major traffic disruptions). All final REA documents and updates on the status of the project will be posted on the project website.

Members of the public can contact Invenenergy Canada at any time with questions or comments about this project via phone, email or fax. Contact information is provided in **Section 2.0** of this and other REA reports and is available on the website and in newspaper notices.

9.2.2 Communication Methods, Records and Complaint Resolution Process

Correspondence received by Invenenergy Canada after the submission of this Consultation Report to the MOE will be recorded in an electronic file and/or log book. If the correspondence requires a response, this will be provided in a timely fashion and the response will be recorded. Should correspondence be received between the time of submission of the REA application to the MOE and a final approval decision, the stakeholder will also be directed to the Environmental Registry for further information on the status of the application and to register comments.

Complaints received during the planning, construction, operations, maintenance and decommissioning phases will be recorded in an electronic file and/or log book and will include the name, address and telephone number of the complainant, time and date of the complaint and details of the complaint. The history of the complaint resolution process that was followed and all actions taken to remediate the cause of the complaint will be recorded. Where appropriate, steps will be taken to prevent reoccurrence of similar complaints in the future and this information will also be recorded. Where relevant, the Ministry's Spills Action Centre will be notified of the complaint at 1-800-268-6060. At the time of submission to the MOE no complaints have been received.

10.0 OUTSTANDING CONCERNS

At the time of submission of this Consultation Report to the MOE, Invenenergy Canada has not identified any unresolved issues or outstanding concerns raised by stakeholders relating to the Sandringham Solar Farm Project.

11.0 **CONCLUSIONS**

Invenergy Canada's consultation program has been characterized by open communication with the general public, Aboriginal communities, municipalities, and other government agencies. Through notices, mailings, a project website, public meetings and other consultation activities, Invenergy Canada has provided detailed information on the project and listened and responded to stakeholder questions, comments and concerns. As a result of consultation activities small changes were made to the project prior to the release of draft REA documents for public review. No significant concerns or issues were raised with respect to the proposed project and no outstanding concerns have been identified. Invenergy Canada remains committed to ongoing communication with interested stakeholders during the approval, construction, operation and decommissioning phases of the project.

APPENDIX A: MAILING LISTS, NOTICES AND CONSULTATION TRACKING SHEET

Sandringham Solar Farm

November 2011

Sandringham Site

First Name

Larry and Helen
Douglas
Micheal and Lori
Elizabeth
Steve and Anna
Vasilious and Sultana
Larry and Debra
Peter
William
Gordon and Betty
The Corporation on the Town of Eldon
William and Virginia
David
Kevin
James and Evelyn
Ernest and Maria
Stephen
Wayne and Marianne
Rhonda,Ronald,Nancy
Kathleen

Last Name

Mailing Address

RR#

City

Province

Phone

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RR#5
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Our Landowner

Changed names as per Ryan's Aug 18, 2011 request

gladkeb@sympatico.ca Asked to be added to the mailing list at PIC#1

Agency Mailing List

Dear	First	Last	Title	Representing	Address 1	Address 2	Floor	Suite	City	Prov	P-C	Phone	Fax	Email
Mr.	Eric R.	Prevost	Species at Risk Biologist	Ontario Ministry of Natural Resources	300 Water Street	P.O. Box 7000			Peterborough	ON	K9J 8M5	(705) 755-3134		eric.prevost@ontario.ca
Mr.	Brett	Tregunno	Aquatic Biologist	Kawartha Lakes Conservation Authority	277 Kenrei Road				Lindsay	ON	K9V 4R1	(705)-328-2271 ext. 222	705.328.2286	btregunno@kawarthaconservation.com
Ms.	Judy	Currins	City Clerk	Clerk's Office - City of Kawartha Lakes	26 Francis Street	P.O. Box 9000			Lindsay	ON	K9V 5R8	705) 324-9411		jcurrins@city.kawarthalakes.on.ca
Ms.	Jane	Reynolds	Chief Administrative Officer	Chief Administrative Office - City of Kawartha Lakes	26 Francis Street	P.O. Box 9000			Lindsay	ON	K9V 5R8	705) 324-9411		jreynolds@city.kawarthalakes.on.ca
Mr.	Glen	Campbell	Councillor	City of Kawartha Lakes	26 Francis Street	P.O. Box 9000			Lindsay	ON	K9V 5R8	705) 324-9411		gcampbell@city.kawarthalakes.on.ca
Ms.	Narren	Santos	Program Support Coordinator - ENVIRONMENTAL ASSESSMENT SUPPORT UNIT	Ministry of the Environment	2300 Yonge St			Suite 1700	Toronto	ON	M4P1E4	416-314-8442		narren.santos@ontario.ca
Mr.	Chris	Johnston	District Representative	Ministry of the Environment	Peterborough District Office	300 Water Street, Robinson Place			Peterborough	ON	K9J 8M5	(705) 755-4308		chris.johnston@ontario.ca

Aboriginal Consultation - Contact List A

First Nations	Location	Chief	Address	City	Province	Postal Code	Phone Number	Fax Number	Email
Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A	Roseneath	Chief James R. Marsden	11696 Second Line, P.O. Box 46	Roseneath	Ontario	K0K 2X0	905-352-2011	905-352-3242	jbmarsden@eagle.ca
Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Sutton West	Chief Donna Big Canoe	R.R. #2, P.O. Box N13	Sutton West	Ontario	L0E 1R0	705-437-1337	705-437-4597	dbigcanoe@georginaisland.com
Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32	Rama	Chief Sharon Stinson Henry	5884 Rama Road, Suite 200	Rama	Ontario	L0K 1T0	705-325-3611	705-325-0879	chief@ramafirstnation.ca
Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Curve Lake	Chief Keith Knott	22 Winookeeda Road	Curve Lake	Ontario	K0L 1R0	705-657-8045	705-657-8708	chief@curvelakefn.com
Hiawatha First Nation	Keene	Chief Laurie Carr	123 Paudash Street, R.R. #2	Keene	Ontario	K0L 2G0	705-295-4421	705-295-4424	lcarr@hiawathafn.ca
Mississaugas of Scugog Island	Port Perry	Chief Tracy Gauthier	22521 Island Road	Port Perry	Ontario	L9L 1B6	905-985-3337	905-985-8828	tgauthier@scugogfirstnation.com

Aboriginal Consultation - Contact List B

First Nations	Location	Chief	Address	City	Province	Postal Code	Phone Number	Fax Number	Email
Beausoleil Chippewas of Christian Island	Cedar Point		Christian Island 30 General Delivery	Cedar Point	Ontario	L0K 1C0	705-247-2051	705-247-2239	
Kawartha Nishnawbe First Nation	Lakefield		PO Box 1432	Lakefield	Ontario	K0L 2H0	705-654-4661		sprystone@sympatico.ca
Georgian Bay Metis Council	Midland	Allan Vallee, President	355 Cranston Crescent, PO Box 4	Midland	Ontario	L4R 4K6	705-526-6335	705-526-7537	
Matis Nation of Ontario	Ottawa		500 Old St. Patrick St, Unit 3	Ottawa	Ontario	K1N 9G4			

Aboriginal Consultation - Contact List C

First Nations	Location	Chief	Address	City	Province	Postal Code	Phone Number	Fax Number	Email
Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A	Roseneath	Chief James R. Marsden	11696 Second Line, P.O. Box 46	Roseneath	Ontario	K0K 2X0	905-352-2011	905-352-3242	jbmarsden@eagle.ca
Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Sutton West	Chief Donna Big Canoe	R.R. #2, P.O. Box N13	Sutton West	Ontario	L0E 1R0	705-437-1337	705-437-4597	dbigcanoe@georginaisland.com
Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32	Rama	Chief Sharon Stinson Henry	5884 Rama Road, Suite 200	Rama	Ontario	L0K 1T0	705-325-3611	705-325-0879	chief@ramafirstnation.ca
Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Curve Lake	Chief Keith Knott	22 Winookeeda Road	Curve Lake	Ontario	K0L 1R0	705-657-8045	705-657-8708	chief@curvelakefn.com
Hiawatha First Nation	Keene	Chief Laurie Carr	123 Paudash Street, R.R. #2	Keene	Ontario	K0L 2G0	705-295-4421	705-295-4424	lcarr@hiawathafn.ca
Mississaugas of Scugog Island	Port Perry	Chief Tracy Gauthier	22521 Island Road	Port Perry	Ontario	L9L 1B6	905-985-3337	905-985-8828	tgauthier@scugogfirstnation.com
Beausoleil Chippewas of Christian Island	Cedar Point		Christian Island 30 General Delivery	Cedar Point	Ontario	L0K 1C0	705-247-2051	705-247-2239	
Kawartha Nishnawbe First Nation	Lakefield		PO Box 1432	Lakefield	Ontario	K0L 2H0	705-654-4661		spristone@sympatico.ca
Georgian Bay Metis Council	Midland	Allan Vallee, President	355 Cranston Crescent, PO Box 4	Midland	Ontario	L4R 4K6	705-526-6335	705-526-7537	
Matis Nation of Ontario	Ottawa		500 Old St. Patrick St, Unit 3	Ottawa	Ontario	K1N 9G4			

Don McKinnon, REA Project Manager
Dillon Consulting Limited
235 Yorkland Blvd, Suite 800
Toronto, ON M2J 4Y8
P: (416) 229-4647 ext. 2355
E-mail: DPMcKinnon@dillon.ca

SECOND NOTICE OF PROPOSAL by Invenergy Solar Canada ULC (Invenergy Canada) to Engage in Renewable Energy Projects

SECOND NOTICE OF PUBLIC MEETING

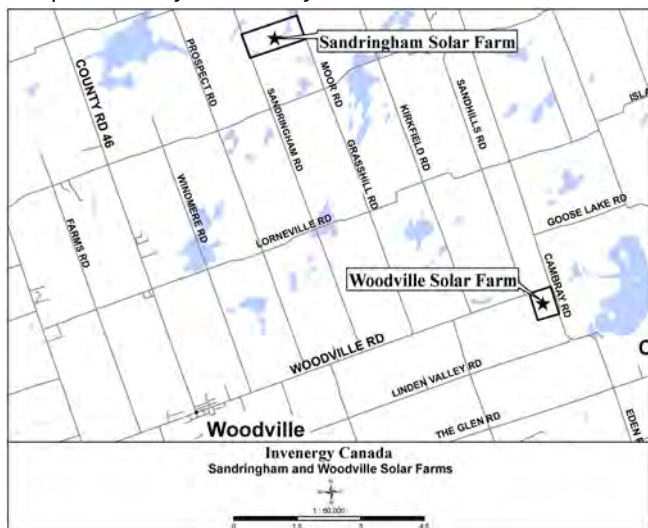
To be held by Invenergy regarding the Sandringham and Woodville Solar Projects and
Proposal to Engage in a Renewable Energy Project

Project Names: Sandringham and Woodville Solar Farms

Project Location: Near the Community of Woodville, City of Kawartha Lakes, Ontario

Dated at: City of Kawartha Lakes this 9th day of July, 2010.

Invenergy Canada is planning to engage in two renewable energy projects that require the issuance of Renewable Energy Approvals (REA). The proposed solar facilities would be located near the community of Woodville in the City of Kawartha Lakes (see map below). Invenergy Canada has received contracts from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from these projects through the Province's Feed-in-Tariff (FIT) program. This program is part of the *Green Energy and Green Economy Act* that became law last year. The distribution of this notice of a proposal to engage in the projects and notice of public meeting as well as the projects themselves are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and Ontario Regulation 359/09 (Regulation). The REA replaces approvals formerly required under the *Environmental Assessment Act*, *Planning Act*, and *Environmental Protection Act*. This notice is being distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.



Meeting Information:

In order to provide information to and consult with community members, First Nations communities and government agencies, Invenergy Canada and Dillon Consulting are hosting a public information session for both projects. At this information session, you will be able to view project information, collect handouts, ask questions and provide comments directly to the proponent.

DATE: Wednesday July 21st 2010

TIME: Open house between
5pm – 8pm

PLACE: Woodville Town Hall
100A King, Woodville
Ontario K0M 2T0

Project Description:

If approved, each proposed project would have a total name plate capacity of 10 MW AC and would be rated as a 'Class 3 Solar Facility' pursuant to the Act and Regulation. The locations of the projects are outlined in the adjacent map. All solar panels will be located within each project boundary.

Documents for Public Inspection:

Two draft Project Description Reports entitled *Sandringham Solar Farm – Project Description Report* and *Woodville Solar Farm – Project Description Report* have been prepared. They outline the details of the projects, including information on the solar technology and associated project components and activities. These reports are available for public inspection on Invenergy Canada's website (<http://sandringham.invenergyllc.com> and <http://woodville.invenergyllc.com>) and in the Clerk's office at the Kawartha City Hall, 1st floor, 26 Francis Street, Lindsay, Ontario.

Project Contacts and Information:

To learn more about the proposed projects and upcoming public information session, or to provide comments in writing please contact:

Ryan Ralph, Development Manager
Invenergy Solar Canada ULC
12 King Street West
Bolton, ON L7E 1C7
P: (905) 857-6936 x 21
E-mail: RRalph@invenergyllc.com

Don McKinnon, REA Project Manager
Dillon Consulting Limited
235 Yorkland Blvd, Suite 800
Toronto, ON M2J 4Y8
P: (416) 229-4647 ext. 2355
E-mail: DPMcKinnon@dillon.ca

THE LINDSAY POST

ADVERTISING INVOICE and STATEMENT

BILLING PERIOD	ADVERTISER / CLIENT NAME		
07/01/10 - 07/27/10	C-DILLON CONSULTING LIMITED		
TOTAL AMOUNT DUE	*UNAPPLIED AMOUNT	TERMS OF PAYMENT	
676.87		DUE UPON RECEIPT	
CURRENT NET AMOUNT DUE	30 DAYS	60 DAYS	OVER 90 DAYS
676.87	.00	.00	.00

INVOICE NUMBER	PAGE #	BILLING DATE	BILLED ACCOUNT NUMBER	ADVERTISER / CLIENT NUMBER
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235 YORKLAND BLVD STE 800
TORONTO ON
M2J 4Y8

REMITTANCE ADDRESS

17 William Street South
Lindsay, ON K9V 3A3
Tel: (705) 324-2113 Fax: (705) 878-0155
GST # R828666354 RT0024

PLEASE DETACH AND RETURN UPPER PORTION WITH YOUR PAYMENT

DATE	NEWSPAPER REFERENCE	DESCRIPTION - OTHER COMMENTS / CHARGES	SAU SIZE BILLED UNITS	TIMES RUN RATE	GROSS AMOUNT	NET AMOUNT
06/30		BALANCE FORWARD				.00
07/09	PUBLICATION: 64302823	THE LINDSAY POST - FULL ZONE Solar Energy	5x145A 725A \$599.00	1	599.00	599.00
07/27		Publication Totals: OHST - ONT HST				77.87

Dh1 PMA / AK / London

APPROVED BY <i>D.M.C.</i>	SUBMITTED BY
DATE <i>103523</i>	
ACCTG LIST	VEN.
INV. DATE	INV. NO.

RECEIVED

AUG 11 2010

DILLON CONSULTING LIMITED
TORONTO OFFICE

STATEMENT OF ACCOUNT AGING OF PAST DUE AMOUNTS

CURRENT NET AMOUNT DUE	30 DAYS	60 DAYS	OVER 90 DAYS	*UNAPPLIED AMOUNT	TOTAL AMOUNT DUE
676.87	.00	.00	.00		676.87

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THE LINDSAY POST

17 William Street South, Lindsay, ON K9V 3A3
Tel: (705) 324-2113 Fax: (705) 878-0155

TERMS NET 30, A FINANCE CHARGE OF 2% WHICH IS AN ANNUAL
RATE OF 24%, WILL BE ADDED TO ACCOUNTS OVER 30 DAYS.
*UNAPPLIED AMOUNTS ARE INCLUDED IN TOTAL AMOUNT DUE

INVOICE NUMBER	BILLING PERIOD	BILLED ACCOUNT NUMBER	ADVERTISER / CLIENT NUMBER	ADVERTISER / CLIENT NAME
	07/01/10 - 07/27/10			C-DILLON CONSULTING

NOTICE OF DRAFT REA DOCUMENT RELEASE by Invenergy Solar Canada ULC (Invenergy Canada).

FIRST NOTICE OF SECOND PUBLIC MEETING

To be held by Invenergy Canada regarding the Sandringham Solar Farm

Project Name: Sandringham Solar Farm

Project Location: Near the Community of Woodville, City of Kawartha Lakes, Ontario

Dated at: City of Kawartha Lakes this 29th day of July, 2011.

Invenergy Canada is planning to engage in a renewable energy project which will require the issuance of Renewable Energy Approvals (REA) by the Ministry of Environment. The proposed solar farm would be located near the community of Woodville in the City of Kawartha Lakes (see map below). Invenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this project through the Province's Feed-in-Tariff (FIT) program. The distribution of this notice as well as the project itself, are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and *Ontario Regulation 359/09* (Regulation). The REA replaces approvals formerly required under the *Environmental Assessment Act*, *Planning Act*, and *Environmental Protection Act*. This notice is being distributed in accordance with sections 15 & 16 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

Project Description:

If approved, the proposed project would have a total name plate capacity of 10 MW AC and would be rated as a 'Class 3 Solar Facility' pursuant to the Act and Regulation. The location of the project is outlined in the map below. All solar panels will be located within the project boundary.

Documents for Public Inspection:

Draft copies of the Renewable Energy Approval (REA) documents have been prepared. They are available for public inspection as of July 29, 2011 on the proponent's website (<http://sandringham.invenergyllc.com>), at the Clerks Office (Kawartha City Hall, 1st floor, 26 Francis Street, Lindsay, Ontario), at the Woodville Public Library (78 King Street, Woodville, Ontario) and at Invenergy Canada's Head Office (120 Front Street East, Suite 201, Toronto, Ontario). The following draft reports, making up the REA package, are available:

- **Project Description Report**
- **Construction Plan Report**
- **Design and Operations Report**
- **Decommissioning Plan Report**
- **Acoustic Assessment Report (appended to the Design and Operations Report)**
- **Natural Heritage Assessment**
- **Water Assessment**
- **Archaeological Stage 1 and 2**
- **Cultural Heritage Study**

Meeting Information:

A public meeting was held on July 21st, 2010 in order to provide information to and consult with community members, stakeholder groups, aboriginal communities and government agencies. Invenergy Canada and Dillon Consulting are hosting a second public information session subsequent to releasing the draft REA package for public review. This meeting is being held at least 60 days from the release of the draft REA documents as required by the Regulation. Copies of the draft documents will be made available at the meeting for viewing. Details of the second public meeting are as follows:

DATE: Wed. September 28, 2011

TIME: Open house 5pm – 8pm

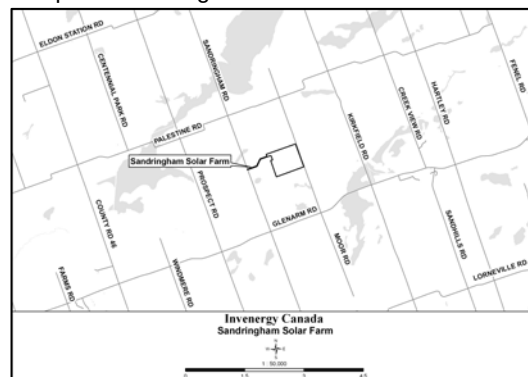
PLACE: Fenelon Town Hall
2255 Elm Tree Road, Cambray,
Ontario K0M 1E0

Project Contacts and Information:

To learn more about the proposed projects and upcoming public information session, or to provide comments in writing please contact:

Ryan Ralph, Development Manager
Invenergy Solar Canada ULC
120 Front Street East Suite 201
Toronto ON M5A 4L9
P: (416) 901-9463
E-mail: RRalph@invenergyllc.com

Don McKinnon, REA Project Manager
Dillon Consulting Limited
235 Yorkland Blvd, Suite 800
Toronto, ON M2J 4Y8
P: (416) 229-4647 ext. 2355
E-mail: DPMcKinnon@dillon.ca



NOTICE OF DRAFT REA DOCUMENT RELEASE
by Invenergy Solar Canada ULC (Invenergy Canada).

SECOND NOTICE OF SECOND PUBLIC MEETING

To be held by Invenergy Canada regarding the Sandringham Solar Farm

Project Name: Sandringham Solar Farm

Project Location: Near the Community of Woodville, City of Kawartha Lakes, Ontario

Dated at: City of Kawartha Lakes this 16th day of September, 2011.

Invenergy Canada is planning to engage in a renewable energy project which will require the issuance of Renewable Energy Approvals (REA) by the Ministry of Environment. The proposed solar farm would be located near the community of Woodville in the City of Kawartha Lakes (see map below). Invenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this project through the Province's Feed-in-Tariff (FIT) program. The distribution of this notice as well as the project itself, are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and *Ontario Regulation 359/09* (Regulation). The REA replaces approvals formerly required under the *Environmental Assessment Act*, *Planning Act*, and *Environmental Protection Act*. This notice is being distributed in accordance with sections 15 & 16 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

Project Description:

If approved, the proposed project would have a total name plate capacity of 10 MW AC and would be rated as a 'Class 3 Solar Facility' pursuant to the Act and Regulation. The location of the project is outlined in the map below. All solar panels will be located within the project boundary.

Documents for Public Inspection:

Draft copies of the Renewable Energy Approval (REA) documents have been prepared. They are available for public inspection as of July 29, 2011 on the proponent's website (<http://sandringham.invenergyllc.com>), at the Clerks Office (Kawartha City Hall, 1st floor, 26 Francis Street, Lindsay, Ontario), at the Woodville Public Library (78 King Street, Woodville, Ontario) and at Invenergy Canada's Head Office (120 Front Street East, Suite 201, Toronto, Ontario). The following draft reports, making up the REA package, are available:

- *Project Description Report*
- *Construction Plan Report*
- *Design and Operations Report*
- *Decommissioning Plan Report*
- *Acoustic Assessment Report (appended to the Design and Operations Report)*
- *Natural Heritage Assessment*
- *Water Assessment*
- *Archaeological Stage 1 and 2*
- *Cultural Heritage Study*

Meeting Information:

A public meeting was held on July 21st, 2010 in order to provide information to and consult with community members, stakeholder groups, aboriginal communities and government agencies. Invenergy Canada and Dillon Consulting are hosting a second public information session subsequent to releasing the draft REA package for public review. This meeting is being held at least 60 days from the release of the draft REA documents as required by the Regulation. Copies of the draft documents will be made available at the meeting for viewing. Details of the second public meeting are as follows:

DATE: Wed. September 28, 2011

TIME: Open house 5pm – 8pm

PLACE: Fenelon Town Hall
2255 Elm Tree Road, Cambray,
Ontario K0M 1E0

Project Contacts and Information:

To learn more about the proposed projects and upcoming public information session, or to provide comments in writing please contact:



Ryan Ralph, Development Manager
Invenergy Solar Canada ULC
120 Front Street East Suite 201
Toronto ON M5A 4L9
P: (416) 901-9463
E-mail: RRalph@invenergyllc.com

Don McKinnon, REA Project Manager
Dillon Consulting Limited
235 Yorkland Blvd, Suite 800
Toronto, ON M2J 4Y8
P: (416) 229-4647 ext. 2355
E-mail: DPMcKinnon@dillon.ca

CASH/CREDIT CARD PAYMENT

Date Sept 15 / 11
Account Name Justine Giancola / Dillon Consulting Ltd.
Account Number [REDACTED]
Amount, including GST \$76.87
Payment Method VISA
Credit Card Number (if applicable) [REDACTED] 7
Expiry Date [REDACTED]
Sales Rep Gerry Drage
Processed By/Date Processed Sept 16th Ad # 65001207

17 William St.
0174

Dillon Consulting
30155988
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DATE Sep 15 2011 TIME 11:12 AM

(705) 324-

Invenergy Simcoe Solar Consultation Tracking Sheet

Date of Meeting/Event	First Name	Last Name	Title	Organization	Group Type (Prop. Owner, agency, Municipality, public)	Event (Letter, Newsletter, Email, Fax, Call, Meeting, POC)	Attendee/ Contact/ Sender/ Recipient	Topic/ Purpose/ Comments	Address	City	Province	Postal Code	Phone Number	Fax Number	Email
6/16/2010	James R.	Marsden	Chief	Agency, Ltd Aldercliffe First Nations Reserve, Sugar Island Indian Reserve No. 37A	Aboriginal group	Letter sent	Justine Gancola	Notice of Commencement and PIC Letter sent by priority post	11696 Second Line, P.O. Box 46	Rosemeath	Ontario	K0K 2X0	905-352-2011	905-352-3242	amandaw@wagc.ca
6/16/2010	Donna	Bla Cance	Chief	Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Aboriginal group	Letter sent	Justine Gancola	Notice of Commencement and PIC Letter sent by priority post	R.R. #2, P.O. Box N13	Sutton West	Ontario	L0E 1R0	705-437-1337	705-437-4597	blu@wagc.ca
6/16/2010	Sharon	Stinson Henry	Chief	Chippewas of Rama, Mississaugas of Scugog Island Indian Reserve No. 32	Aboriginal group	Letter sent	Justine Gancola	Notice of Commencement and PIC Letter sent by priority post	5884 Rama Road, Suite 200	Rama	Ontario	L0K 1T0	705-325-3611	705-325-0879	sharon@wagc.ca
6/16/2010	Keith	Knot	Chief	Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Aboriginal group	Letter sent	Justine Gancola	Notice of Commencement and PIC Letter sent by priority post	22 Winkendeeds Road	Curve Lake	Ontario	K0L 1R0	705-657-8045	705-657-8708	keith@wagc.ca
6/16/2010	Laure	Carr	Chief	Hawatha First Nation	Aboriginal group	Letter sent	Justine Gancola	Notice of Commencement and PIC Letter sent by priority post	121 Pseudash Street, R.R. #2	Kearns	Ontario	K0L 2G0	705-295-4421	705-295-4424	laure@wagc.ca
6/16/2010	Tracy	Gaulther	Chief	Mississaugas of Scugog Island	Aboriginal group	Letter sent	Justine Gancola	Notice of Commencement and PIC Letter sent by priority post	22521 Island Road	Port Perry	Ontario	L9L 1B6	905-985-3337	905-985-8828	tracy@wagc.ca
6/16/2010	Newspaper			Landowner Lindsay Post	Public	Notice sent	Justine Gancola	Notice of Commencement and PIC published in the Lindsay Post newspaper							
6/20/2010	Stephen			Landowner	Public	Call received	Ryan Ralph	PM - wanted to know where Sandringham project location is as he cannot tell by map in newspaper; priority lounge, not acceptable.							
7/9/2010	Newspaper			Lindsay Post	Public	Notice sent	Justine Gancola	Notice of Commencement and PIC published in the Lindsay Post newspaper							
7/9/2010	Naren	Santos	Ministry of the Environment	Ministry of the Environment	Agency	Email sent	Ryan Ralph	Notice of Draft PDR + document	2300 Yonge St, Suite 1700	Toronto	ON	M4P1E4	416-314-6442		naren.santos@ontario.ca
7/9/2010	Chris	Johnson	Ministry of the Environment	Ministry of the Environment	Agency	Email sent	Ryan Ralph	Notice of Draft PDR + document	Peterborough District Office	Peterborough	ON	K9J 8M5	(705) 735-4308		chris.johnson@ontario.ca
7/9/2010	Judy	Curtis	City Clerk	Clerk's Office - City of Kawartha Lakes	Agency	Email sent	Ryan Ralph	Notice of Draft PDR + document	26 Francis Street	Lindsay	ON	K9V 9R8	(705) 324-9411		jcurtis@city.kawarthalakes.on.ca
7/9/2010	Judy	Curtis	City Clerk	Clerk's Office - City of Kawartha Lakes	Agency	Email received	Ryan Ralph	We will post it at reception in City Hall - do you also want it posted in all of our Municipal Service Centres: Bethany, Bobogwen, Cobocook, Kirkfield, Lindsay and Oranmore?? Please advise. Hi Judy, Yes please post at City Hall, the projects are both located near the town of Woodville. One project is located near Sandringham Rd & Cleburn Rd, the other is located at Woodville Rd & Cambury Rd so I don't think they need to be posted at all the Municipal Service Centers listed below, but the centers located closest to the sites should have a copy.	26 Francis Street	Lindsay	ON	K9V 9R8	(705) 324-9411		jcurtis@city.kawarthalakes.on.ca
7/9/2010	Judy	Curtis	City Clerk	Clerk's Office - City of Kawartha Lakes	Agency	Email sent	Ryan Ralph	Thank you	26 Francis Street	Lindsay	ON	K9V 9R8	(705) 324-9411		jcurtis@city.kawarthalakes.on.ca
7/13/2010	James R.	Marsden	Chief	Aldercliffe First Nations Reserve, Sugar Island Indian Reserve No. 37A	Aboriginal group	Letter sent	Hilary Best	Notice of Draft PDR + document	11696 Second Line, P.O. Box 46	Rosemeath	Ontario	K0K 2X0	905-352-2011	905-352-3242	amandaw@wagc.ca
7/13/2010	Donna	Bla Cance	Chief	Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Aboriginal group	Letter sent	Hilary Best	Notice of Draft PDR + document	R.R. #2, P.O. Box N13	Sutton West	Ontario	L0E 1R0	705-437-1337	705-437-4597	blu@wagc.ca
7/13/2010	Sharon	Stinson Henry	Chief	Chippewas of Rama, Mississaugas of Scugog Island Indian Reserve No. 32	Aboriginal group	Letter sent	Hilary Best	Notice of Draft PDR + document	5884 Rama Road, Suite 200	Rama	Ontario	L0K 1T0	705-325-3611	705-325-0879	sharon@wagc.ca
7/13/2010	Keith	Knot	Chief	Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Aboriginal group	Letter sent	Hilary Best	Notice of Draft PDR + document	22 Winkendeeds Road	Curve Lake	Ontario	K0L 1R0	705-657-8045	705-657-8708	keith@wagc.ca
7/13/2010	Laure	Carr	Chief	Hawatha First Nation	Aboriginal group	Letter sent	Hilary Best	Notice of Draft PDR + document	121 Pseudash Street, R.R. #2	Kearns	Ontario	K0L 2G0	705-295-4421	705-295-4424	laure@wagc.ca
7/13/2010	Tracy	Gaulther	Chief	Mississaugas of Scugog Island	Aboriginal group	Letter sent	Hilary Best	Notice of Draft PDR + document	22521 Island Road	Port Perry	Ontario	L9L 1B6	905-985-3337	905-985-8828	tracy@wagc.ca
7/13/2010	Naren	Santos	Ministry of the Environment	Ministry of the Environment	Agency	Letter sent	Hilary Best	Notice of Draft PDR + document	2300 Yonge St, Suite 1700	Toronto	ON	M4P1E4	416-314-6442		naren.santos@ontario.ca
7/13/2010	Chris	Johnson	Ministry of the Environment	Ministry of the Environment	Agency	Letter sent	Hilary Best	Notice of Draft PDR + document	Peterborough District Office	Peterborough	ON	K9J 8M5	(705) 735-4308		chris.johnson@ontario.ca
7/13/2010	Judy	Curtis	City Clerk	Clerk's Office - City of Kawartha Lakes	Agency	Letter sent	Hilary Best	Notice of Draft PDR + document	26 Francis Street	Lindsay	ON	K9V 9R8	(705) 324-9411		jcurtis@city.kawarthalakes.on.ca
7/13/2010	Sharon	Stinson Henry	Chief	Chippewas of Rama	Aboriginal group	Letter Received	Ryan Ralph	Acknowledges receipt of letter and forwarded along to Coordinator (lawyers) for Williams Treaty First Nations. Letter received advising to send information and direct inquiries to Kary Sandy McKenzie.		Rama	Ontario				
7/13/2010	Bryan			Landowner	Call received	Ryan Ralph		SW Bryan Evans, Neighbor of Sandringham Site, on North side of project area. He was originally signed up with Invenergy under Wind Option. He was wondering if we were still looking for land for our Solar Project. Mrs. Cadden a resident on Sandringham Rd. Left a message, she did not leave a call back number but said she would call me back later.							
7/16/2010	Mrs.			Landowner	Call received (message)	Ryan Ralph		Left a message with Angela telling her that we sent our Notice and waited to verify it was received, noted our public meeting on Wednesday and offered to answer any questions.							
7/20/2010	James R.	Marsden	Chief	Aldercliffe First Nations Reserve, Sugar Island Indian Reserve No. 37A	Aboriginal group	Call received	Joel Schroeder	Angela returned call, thanks there are only benefits. No issues with Solar, they are developing their own plans. Did not respond to meet with us, did to have our information.							
7/20/2010	Tracy	Gaulther	Chief	Mississaugas of Scugog Island	Aboriginal group	Call	Joel Schroeder	Verified receipt of the information from July 22nd, couldn't find record of the June 16th meeting. Chief Gaulther is out of office until Thursday, will call back.							
7/20/2010	Keith	Knot	Chief	Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Aboriginal group	Call	Joel Schroeder	Left a message indicating that the information was sent, receptionist said that the Chief was out until Monday, but she recalls seeing the documents.							
7/20/2010	Donna	Bla Cance	Chief	Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Aboriginal group	Call	Joel Schroeder	Receptionist answered phone, confirmed that they have forwarded our information to the appropriate person and they have no current questions.							
7/20/2010	Laure	Carr	Chief	Hawatha First Nation	Aboriginal group	Call	Joel Schroeder	Sent me to Mary who checks mail and registers. Left a message requesting a return call to verify information was received and offer answers to any questions.							
7/23/2010	John			Landowner			Ryan Ralph								
7/23/2010	Lena & Bill			Landowner	Email received	Ryan Ralph		Good morning Ryan: We spoke with you the other evening at the Woodville information evening that Invenergy hosted about the two solar farms that you are working on in that area. Would you be able to send us the contacts that you spoke about concerning the land classification. We are the couple who had a solar company approach us for a solar farm and our land had been classified as Grade 1. With shade about 12' from the surface, we would like to look into reclassification and all that would entail.							
8/1/2010	Angela			Aldercliffe First Nations Reserve, Sugar Island Indian Reserve No. 37A	Aboriginal group	Call	Joel Schroeder	Left message indicating we will be doing an Archeology study on site of next one and a half acres.							lwilms@ymail.com
8/1/2010	Tracy & Joelle			Mississaugas of Scugog Island	Aboriginal group	Call	Joel Schroeder	Tracy referred me to Sophie Stew. Came Sandy McKenzie is taking the lead developing a protocol for the Williams Treaty FN for REA consultation. Tracy recalled our notices and thought she should attend public meeting, Angela to give by next week.							
8/1/2010	Keith	Knot	Chief	Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Aboriginal group	Call	Joel Schroeder	First recollection that we are doing Archeology work on the Sandringham site over the next 1-12 weeks. She said she would ask around if there was any interest in witnessing the work, left name and phone number.							
8/1/2010	Kerry Sandy McKenzie			Chippewas of Rama	Aboriginal group	Call	Joel Schroeder	Left message with Kary Sandy McKenzie indicating we have begun Archeology work on Sandringham and please let us know if anyone needs or wants to be present.							
8/1/2010	Marlene	Siles		Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Aboriginal group	Call	Joel Schroeder	Left a message indicating the we are beginning archeological work on the Sandringham site over the next week and a half. Left my contact information on the message.							
8/1/2010	Sandra			Hawatha First Nation	Aboriginal group	Call	Joel Schroeder	Sandra talked to Chief, said to send information to Lori_Ritter@hotmail.com or dm.shendan@hotmail.com. Same address and phone number.							
8/1/2010	Angela			Aldercliffe First Nations Reserve, Sugar Island Indian Reserve No. 37A	Aboriginal group	Call received	Ryan Ralph	Angela returned call on 8/23							
8/1/2010	Diane	Shendan		Hawatha First Nation	Aboriginal group	Email sent	Ryan Ralph	Email sent to Diane Shendan and Lori Ritter on 8/13/2010 at 11:58							
8/16/2010	Dave	Simpson		Aldercliffe First Nations Reserve, Sugar Island Indian Reserve No. 37A	Aboriginal group	Call received	Ryan Ralph								
11/3/2011	Naren	Santos	Program Support Coordinator - ENVIRONMENTAL ASSESSMENT SUPPORT UNIT	Ministry of the Environment	Agency	Email received	Ryan Ralph	Good afternoon Mr. Ralph: Please see the attached letter regarding the list of Aboriginal Communities for the Woodville and Sandringham Solar Projects being proposed by Invenergy Canada. The original copy will follow shortly in the mail. Regards, Naren Santos Senior Program Support Coordinator Renewable Energy Team Environmental Assessment & Approvals Branch, Ministry of the Environment 2 St. Clair Avenue West, 12a Floor Toronto, ON M4V 1L5 Phone: 416-314-6442 Fax: 416-314-6210 Email: naren.santos@ontario.ca							
2/1/2011	James R.	Marsden	Chief and Council	Chippewas of Rama, Mississaugas of Scugog Island Indian Reserve No. 32	Aboriginal group	Letter Sent	Justine Gancola	MtE additional contact. Sent notice of project, draft PDR + document attached	Christian Island 30 genera Delve	Cedar Point	Ontario	L0K 1C0	705-247-2051	705-247-2239	
2/1/2011	Allen	Vallee	President	Georgian Bay Mills Council	Aboriginal group	Letter Sent	Justine Gancola	MtE additional contact. Sent notice of project, draft PDR + document attached	P.O. Box 1452	Lambton	Ontario	K0L 2H0			
2/1/2011			Chief and Council	Chippewas of Rama, Mississaugas of Scugog Island Indian Reserve No. 32	Aboriginal group	Letter Sent	Justine Gancola	MtE additional contact. Sent notice of project, draft PDR + document attached	P.O. Box 4	Midland	Ontario	L4R 4K6	705-526-6536	705-526-7537	

4/14/2011	Alden	Barly	Consultation Assessment Coordinator	Metis Nation of Ontario	Aboriginal group	Email received	Ryan Ralph	The Georgian Bay Traditional Territory Consultation Committee (the "Committee") has received notice from the Ministry of Environment on two of Invenergy Canada solar project that are in our Traditional Territory. The Committee is interested in meeting with Invenergy Canada on these projects and any other projects that may the company may be understanding. I left a brief voicemail with you yesterday requesting you contact me.	365 Cranston Crescent	Midland	Ontario	L4R 4K6	705-526-6335	705-526-7537	Alden@metisonation.org
4/27/2011	Alden	Barly	Consultation Assessment Coordinator	Metis Nation of Ontario	Aboriginal group	Email Sent	Ryan Ralph	Alden, I have received your voice mail and email regarding our Sandringham and Woodville Solar Farm projects located in the City of Kawartha Lakes. Currently both projects are undergoing natural heritage clearance from the MNR as we work toward our Renewable Energy Approval draft application document. We expect said draft applications will be available for public, agency and Aboriginal communities review by the end of May. Invenergy is committed to informing and consulting with all interested members of the public, Aboriginal communities and agencies. We are willing to discuss with the Metis Nation of Ontario their interest in our projects via meeting or conference call at the Committee's convenience. Please let me know what works for the Committee and we can schedule.							
6/6/2011	Alden	Barly	Consultation Assessment Coordinator	Metis Nation of Ontario	Aboriginal group	Email Sent	Ryan Ralph	"Alden, We would like to confirm the date of Thursday June 23rd for our meeting with MNO. We approve the meeting budget as well. Please advise what time the meeting would start. Letter received from Kawartha FN re: Woodville Solar Farm "... as per the Kawartha FN consultation Protocol, your proposed project is deemed, having minimal potential to impact Kawartha First Nations' rights at this time, however, please keep us updated							
6/20/2011	Diane	Shenden	Land Resource Worker	Hawatha First Nation	Aboriginal group	Letter received	Ryan Ralph	Meeting to review both Sandringham and Woodville projects with the Nation. See meeting minutes.							
6/23/2011	Alden	Barly	Consultation Assessment Coordinator	Metis Nation of Ontario	Aboriginal group	Meeting	Ryan Ralph	Ryan, Thank you for the information. I will have the invoices off to you shortly. On behalf of the Committee I would like to thank Invenergy Canada for an informative meeting. The Committee will be preparing a response and will send the documents to you.							
6/27/2011	Alden	Barly	Consultation Assessment Coordinator	Metis Nation of Ontario	Aboriginal group	Email received	Ryan Ralph	Notice of Draft REA Document Release and PIC #2							
6/30/2011				Landowner List	Agency	Notice sent	Justine Glancola	Letter received re: Draft REA Document Release and Second Public Meeting for Woodville Solar Farm. Letter directed all future correspondence and inquiries to Kerry Sandy McKenzie							
7/2/2011	Sharon	Stinson Henry	Chief	Chippewas of Rama, Miikwiking First Nation Indian Reserve No 32	Aboriginal group	Letter received	Ryan Ralph	Confirm receipt of REA Draft Document Release	26 Francis Street	Sudbury	ON	K9V 6R8	705-524-5411		sharon@chippewasoframanation.ca
7/5/2011	Judy	Curtiss	City Clerk	Clerk's Office - City of Kawartha Lakes	Agency	Call	Justine Glancola	Acknowledges receipt of our materials and directing all correspondence to their lawyer.	3684 Rama Road, Suite 200	Rama	Ontario	LOK 1T0	705-325-9811	705-325-9879	judy@cityofkawartha.ca
7/5/2011	Sharon	Stinson Henry	Chief	Chippewas of Rama, Miikwiking First Nation Indian Reserve No 32	Aboriginal group	Letter sent	Justine Glancola	Advises receipt of correspondence dated 6/27/2011 regarding the Woodville PIC #2. Are not currently aware of any issues that would cause concern with respect to their Traditional, Aboriginal and Treaty rights.							
7/6/2011	Keith	Knott	Chief	Curve Lake First Nation Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Aboriginal group	Letter received	Ryan Ralph	Ask for acceptance of 60 day review period for municipal consultation instead of 90 days.							
7/14/2011	Richard	Holly	Chief	City of Kawartha Lakes	Agency	Email sent	Ryan Ralph	"Hi Alden, As follow up to our meeting June 23rd, I have drafted and attached minutes from the meeting for the committee's records. As an FYI, I have submitted all meeting invoices I have received to date and they are currently being processed for payment. Below are answers to a couple of questions that came up during the meeting, which we promised to get back to you about. Woodville Solar Site Animal Movement Corridors & Deer Wintering Areas: In discussion with Invenergy's consultant Biologist (Dillon Consulting), who conducted the field studies on our Woodville Solar Site, he confirmed that although our construction activities on the project property would remove some hedgerow tree lines (aka, Animal Movement Corridor) our project will not affect Deer' movement to and from these offsite Deer Wintering Areas as the site was not identified as having any ecological corridor/linkage function. Area of Woodlots on adjacent properties: The question arose on the exact size of the woodlot located on the North side of Woodville road, across the street from our project property and the size of the Woodlot located on the east side of Cambray Rd, near the gravel pit across the street from our project property. I Please let me know if you have any further questions. Thanks,							
7/14/2011	Alden	Barly	Consultation Assessment Coordinator	Metis Nation of Ontario	Aboriginal group	Email sent	Ryan Ralph	Thank you for the information. I will have the invoices off to you shortly. On behalf of the Committee I would like to thank Invenergy Canada for an informative meeting. The Committee will be preparing a response and will send the documents to you.							
7/26/2011	Judy	Curtiss	City Clerk	Clerk's Office - City of Kawartha Lakes	Agency	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice for public access	26 Francis Street	Sudbury	ON	K9V 6R8	705-524-5411		judy@cityofkawartha.ca
7/26/2011				Woodville Library	Library	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice for public access							
7/26/2011	James R.	Manden	Chief	Alberville First Nations Reserve, Sugar Island Indian Reserve No. 37A	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	11696 Second Line, P.O. Box 46	Rosemeath	Ontario	K0K 2X0	805-352-2011	805-352-3242	jmanden@csable.ca
7/26/2011	Thoma	Big Canoe	Chief	Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	R.R. #2, P.O. Box N13	Sutton West	Ontario	LOE 1R0	705-437-1337	705-437-4587	thomasc@chippewasofgeorgina.ca
7/26/2011	Sharon	Stinson Henry	Chief	Chippewas of Rama, Miikwiking First Nation Indian Reserve No 32	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	3684 Rama Road, Suite 200	Rama	Ontario	LOK 1T0	705-325-9811	705-325-9879	sharon@chippewas.ca
7/26/2011				Curve Lake First Nation Indian Reserve No. 36, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice							
7/26/2011	Keith	Knott	Chief	Hawatha First Nation	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	22 Winlockenda Road	Curve Lake	Ontario	K0L 1R0	705-657-8045	705-657-8708	kj@curve.ca
7/26/2011	Lauree	Car	Chief	Chippewas of Rama, Miikwiking First Nation Indian Reserve No. 32	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	1121 Pleasant Street, R.R. #2	Karen	Ontario	K0L 2G0	705-299-4421	705-299-4424	lauree@chippewas.ca
7/26/2011	Thay	Southey	Chief	Mississaugas of Scoupi Island	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	12511 Island Road	Port Perry	Ontario	R. 1B0	905-885-2317	905-885-8828	thay@mississaugas.ca
7/26/2011				Beausoleil Chippewas of Christian Island	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	Christian Island 30 genera Delve	Cedar Point	Ontario	LOK 1C0	705-247-2051	705-247-2239	beausoleil@chippewasofchristian.ca
7/26/2011	Alan	Vallee	President	Kawartha Nishnawbe First Nation	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	PO Box 1432	Lakefield	Ontario	K0L 2H0			
7/26/2011				Georgian Bay Metis Council	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	PO Box 4	Midland	Ontario	L4R 4K6	705-526-6336	705-526-7537	
7/26/2011				Metis Nation of Ontario	Aboriginal group	Letter sent	Justine Glancola	Draft REA Document Release and PIC #2 Notice	350 Old St. Patrick St, Unit 3	Ottawa	Ontario	K1N 8G4			
7/29/2011	Newspaper			Public	Public	Notice sent	Justine Glancola	Sandringham Notice of Draft REA Document Release and PIC #2 published in the Lindsay Post							
7/29/2011				Post on Invenergy Website	Public	Notice sent	Joel Schroeder	Draft REA Document Release							
8/4/2011	Kerry Sandy	McKenzie		Chippewas of Rama	Aboriginal group	Call	Ryan Ralph	LM for Kerry Sandy McKenzie re: Both Woodville and Sandringham Draft Document packages, to ensure receipt and to see if there were any questions or concerns that needed to be address. Requested call back, left name and number.							
8/5/2011	Murray			Mississaugas of Scoupi Island	Aboriginal group	Call	Ryan Ralph	Sophie no longer working for FN. Murray, just started 2 months ago. Confirmed received of Sandringham and Woodville packages, has not had a change to look at. Told him to call if he had any questions or concerns.							
8/5/2011	Marlene	Stiles		Chippewas of Georgina Island, Sutton West	Aboriginal group	Call	Ryan Ralph	Left message as Marlene Stiles is out of office for Day, wanting to confirm receipt of draft documents for both projects and if they had any questions or concerns regarding projects. Requested call back.							
8/9/2011	Angela	Adrian		Alberville First Nations Reserve/Sugar Island	Aboriginal group	Call	Ryan Ralph	Left message for Angela re: confirmation of receipt of Draft REA packages, any questions or concerns regarding package. Requested call back when she is back in office.							
8/10/2011	Dave	Stinson		Alberville First Nations Reserve/Sugar Island	Aboriginal group	Call	Ryan Ralph	Dave Stinson called back, he will look to ensure they have both project REA packages in hand and get back to us if they require anything else.							
8/15/2011	Tanya	Rute		Beausoleil Chippewas of Christian Island	Aboriginal group	Call	Ryan Ralph	Put through to Tanya Rute, deals with project proposals. Left message re: both project draft REA packages, to confirm receipt and if they had any questions or concerns, requested call back. Left name and number.							
8/15/2011	Kris	Nahrang	Chief	Kawartha Nishnawbe First Nation	Aboriginal group	Call	Ryan Ralph	Left message re: Draft REA packages sent, and that our Sandringham REA package was still at Post office for pick up.							
8/15/2011				Kawartha Nishnawbe First Nation	Aboriginal group	Email sent	Ryan Ralph	Confirm meeting.							
8/18/2011	Kris	Nahrang	Chief	Kawartha Nishnawbe First Nation	Aboriginal group	Call	Ryan Ralph	As per my voicemail, Invenergy Solar Canada had sent the Draft REA document package for the Sandringham Solar Farm to Kawartha Nishnawbe First Nation the last week of July. I am writing to inform you that Purchaser has advised us that the							
8/19/2011	Kris	Nahrang	Chief	Kawartha Nishnawbe First Nation	Aboriginal group	Call	Ryan Ralph	Left another message requesting call back, re: Sandringham package returned by purchaser, wanted to ensure it gets delivered to Kawartha Nishnawbe FN. Requested call back.							
8/23/2011	Kris	Nahrang	Chief	Kawartha Nishnawbe First Nation	Aboriginal group	Letter sent	Ryan Ralph	Sandringham Package resent via registered mail to PO box 1432, Lakefield ON, K0L 2H0. Woodville package did not have this issue, assume package receive in good order. No response to date.							
9/27/2011	Alden	Barly	Consultation Assessment Coordinator	Metis Nation of Ontario	Aboriginal group	Email received	Ryan Ralph	Ryan, Please find attached a draft meeting budget. Once Invenergy has approved the budget I will confirm the meeting date of Thursday June 23, 2011 with the Committee. If you have any questions, please contact me at your convenience. Best regards,							
7/6/2011	Keith	Knott	Chief	Curve Lake FN Indian Reserve No.35/35A, Islands in the Trent Waters Indian Reserve No.36A	Aboriginal group	Letter Received	Ryan Ralph	Letter received from Curve Lake First Nation re: Notice of Draft Document Release and Second Public Meeting for Woodville Solar Farm "... Curve Lake is not currently aware of any issues that would cause concern with respect to our Traditional Aboriginal							

APPENDIX B: PUBLIC CORRESPONDENCE

Sandringham Solar Farm

November 2011



June 16, 2010

«First» «Last»
«Mailing_Address», «RR»
«City», «Province» «Postal_Code»

Dear «First» «Last»,

Re: Sandringham Solar Farm

Invenergy Solar Canada ULC (Invenergy Canada) is planning to develop a 10 megawatt (MW) solar farm near the community of Woodville in the City of Kawartha Lakes. As a landowner within 120m of the Sandringham Solar Farm study area, we are writing to give you more information on the planned project.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. This will be a ground mounted solar photovoltaic project covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground. We have attached a map outlining the boundaries of the proposed project area.

Invenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this project through the Province's Feed-in-Tariff (FIT) program. You may recognize this program as part of the *Green Energy and Green Economy Act* which was passed last year. As part of the FIT approval process this project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval (REA)*, section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must go through before starting construction.

The REA process provides communities with the opportunity to better understand the proposed project. The steps in our planned REA will include:

- Regular newspaper ads that will 1) inform the public of our intention to build this project; 2) share the availability of the Project Description Report; and 3) promote the upcoming public information centre;
- This letter of notification to landowners like yourself within 120m of the proposed project;

Invenergy **Invenergy Canada ULC**
12 King Street West Bolton Ontario L7E 1C7
905.857.6936 | www.invenergycanada.com



- Contact with First Nations communities; and
- Making the Project Description Report available for public inspection after mid-July. You can pick up a copy at <http://sandringham.invenergyllc.com> or at the following location: Kawartha City Hall, Clerk's Office, 1st Floor, 26 Francis Street, Lindsay, ON, K9V 6H7.

Throughout the REA process, Invenergy Canada is committed to proactively informing the community about the proposed project. We will be holding a public information session on **July 21, 2010** at Woodville Town Hall. Full details are available in the attached ad. We will be providing information about the project and we encourage you to attend.

Please also note that Invenergy Canada also has another planned solar project located at the intersection of Cambray and Woodville Roads (Woodville Solar Farm), which is located approximately 9 km from the proposed Sandringham Solar Farm. The public information session will provide details on each of the planned solar farms.

If you have questions or comments about the project before then, please do not hesitate to contact me.

Yours truly

Ryan Ralph

Development Manager

Invenergy Canada

12 King Street West, Bolton, ON L7E 1C7

e-mail: rralph@invenergyllc.com

Office: 905.857.6936 x 21

Fax: 905.857.8948

cc: Don McKinnon, Dillon Consulting

Enclosed

Notice of Proposal and Public Meeting

[Date]

[First name] [Last name]

[Address]

Dear [Mr/Mrs] [Last name] ,

Thank you for your interest in the **Woodville** and **Sandringham Solar Farm** projects and for attending the recent meeting held on **July 21, 2010** at the Woodville Town Hall.

I hope that you found the meeting helpful in answering your questions about the projects and solar power in general.

Invenergy Canada is available to answer any questions you might have about these projects, please feel free to contact me at:

Telephone: (905) 857-6936 x.21

Email: RRalph@invenergyllc.com

Mail: **Ryan Ralph**, Invenergy Canada
12 King Street West
Bolton, ON
L7E 1C7

You can also learn more at:

sandringham.invergyllc.com and woodville.inenergyllc.com

I look forward to working with the community on these projects in the coming months.

Sincerely,



Ryan Ralph
Development Manager
Invenergy Canada

July 27, 2011

(Name)
(Address)

Dear (Name),

**Re: Notice of a Draft REA Document Release and Second Public Meeting
Sandringham Solar Farm**

Invenergy Canada is planning to develop a 10 megawatt (MW) solar farm near the community of Woodville in the City of Kawartha Lakes, which will require the issuance of Renewable Energy Approvals (REA) by the Ministry of Environment. As a landowner within 120m of the Sandringham Solar Farm project area, you have been contacted previously (letter dated June 16, 2010) and we are now writing to give you an update on this project.

Invenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this project through the Province's Feed-in-Tariff (FIT) program. The distribution of this notice as well as the project itself, are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and *Ontario Regulation 359/09*. The REA replaces approvals formerly required under the *Environmental Assessment Act*, *Planning Act*, and *Environmental Protection Act*. This notice is being distributed in accordance with sections 15 & 16 of the Regulation prior to an application for appeal being submitted and assessed for completeness by the Ministry of the Environment.

Invenergy Canada has now completed the draft Renewable Energy Approval documents, which are available for public review as of July 29th, 2011. They are available in a variety of locations; on the proponent's website (<http://sandringham.invenergylc.com>), at the Municipal Clerks Office (Kawartha City Hall, 1st floor, 26 Francis Street, Lindsay, Ontario), at the Woodville Public Library (78 King Street, Woodville, Ontario) and at Invenergy Canada's Head Office (120 Front Street East, Suite 201, Toronto, Ontario). The following draft reports, making up the REA package, are available:

• Project Description Report	• Decommissioning Plan Report	• Natural Heritage Assessment Report
• Construction Plan Report	• Acoustic Assessment Report (appended to the Design and Operations Report)	• Water Assessment Report
• Design and Operations Report		• Archaeological Stage 1 and 2 Report
		• Cultural Heritage Study Report



Throughout the REA process, Invenergy Canada is committed to proactively informing the community about the proposed project. Our first public meeting was held on July 21, 2010 and was well attended. We will be holding a second public information session on **Wednesday, September 28, 2011** from **5:00-8:00 p.m.** at the **Fenelon Town Community Centre** (2255 Elm Tree Road, Cambray, Ontario K0M 1E0). Full details are available in the attached ad. We will be providing information about the draft REA documents and study findings and encourage you to attend.

Please also note that Invenergy Canada has another planned solar project located on Woodville Road (Woodville Solar Farm), which is located approximately 9 km from the proposed Sandringham Solar Farm. A second public information centre for the Sandringham Solar Farm is planned for Wednesday September 7th, 2011, also at the Fenelon Town Community Centre. Should you be interested in being notified about this project, please contact the undersigned.

If you have questions or comments about the project before then, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink that reads "R. Ralph".

Ryan Ralph

Development Manager
Invenergy Canada
120 Front St. E, Suite 201
Toronto, Ontario
M5A 4L9
RRalph@invenergylc.com
P: (416)901-9463
F: (416)546-9905

cc: Don McKinnon, Dillon Consulting

Enclosed

Notice of Draft REA Document Release and Second Public Information Centre

APPENDIX C: PUBLIC MEETING MATERIALS

Sandringham Solar Farm

November 2011



Public Information Night
Woodville Town Hall
July 21, 2010

SIGN-IN SHEET

Thank you for attending our information session.

Your name

JOHN & THERESA

Address

City

E-mail

Day time number

Your name

LISA

Address

City

E-mail

Day time number

Your name

JOHN

Address

City

E-mail

Day time number

Your name

Vince

Address

City

E-mail

Day time number

PC



Public Information Night
Woodville Town Hall
July 21, 2010

SIGN-IN SHEET

Thank you for attending our information session.

Your name

Address

City

E-mail

Day time number

GRACE

NADIA

Your name

Address

City

E-mail

Day time number

PETE

PC

Your name

Address

City

E-mail

Day time number

Kathleen

Your name

Address

City

E-mail

Day time number

Herman

PC

get notifications



Public Information Night
Woodville Town Hall
July 21, 2010

SIGN-IN SHEET

Thank you for attending our information session.

Your name

Bill

Address

City

E-mail

Day time number

Your name

Maxine & Tom

Address

City

E-mail

Day time number

Your name

Ken

Address

City

E-mail

Day time number

Your name

Bob

Address

City

E-mail

Day time number



Public Information Night
Woodville Town Hall
July 21, 2010

SIGN-IN SHEET

Thank you for attending our information session.

Your name

LARRY & Helen

Address

City

E-mail

Day time number

Your name

Deb + harrey

Address

City

E-mail

Day time number

Your name

Steve Goldie

Address

City

E-mail

Day time number

Your name

Doug

Address

City

E-mail

Day time number



Public Information Night
Woodville Town Hall
July 21, 2010

SIGN-IN SHEET

Thank you for attending our information session.

Your name

Address

City

E-mail

Day time number

Lena & William

Your name

Address

City

E-mail

Day time number

MARYLOU

+ RANDY

Your name

Address

City

E-mail

Day time number

REID

Your name

Address

City

E-mail

Day time number

PC

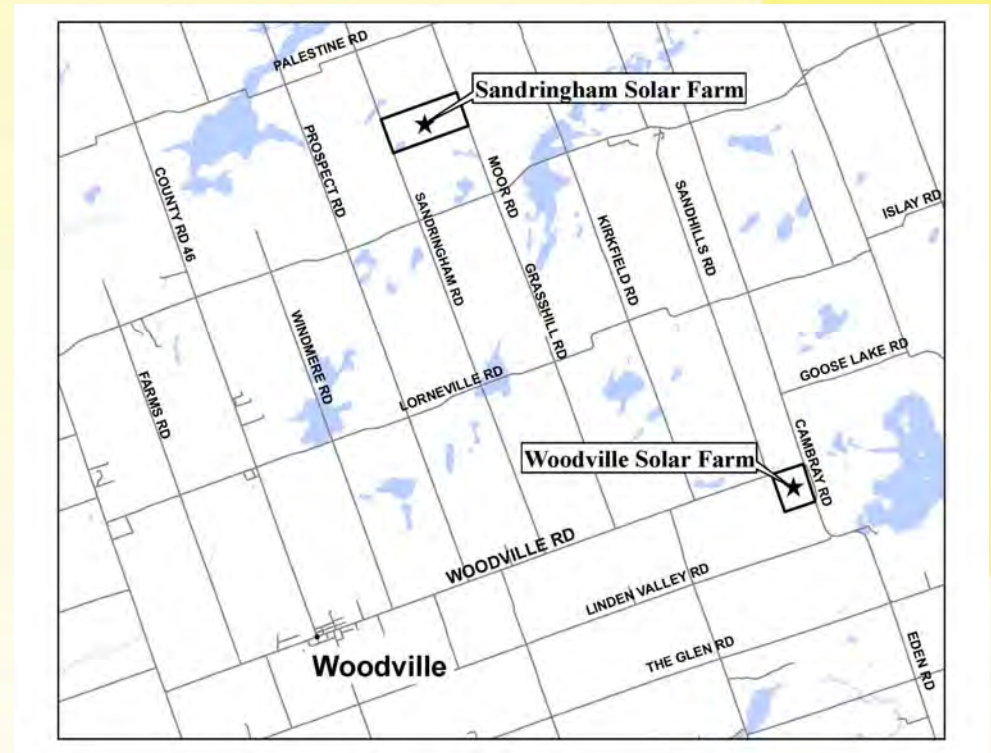
The Projects

- Invenergy Canada proposes to build and operate two solar farms that will generate green energy and support the local Kawartha Lakes community
 - Sandringham Solar Park is located at 764 Sandringham Road
 - Woodville Solar Park is located at 1126 Woodville Road



Kawartha Lakes Projects

- This open house is for two separate solar farms
- Both will be developed by Invenergy Canada



About Invenergy

- Invenergy is an experienced renewable energy developer
- Successfully installed 19 wind farms and many other projects are in development in Canada, the USA and Europe
- Invenergy is committed to working with communities to develop projects that are successful for everyone involved



Invenergy Canada

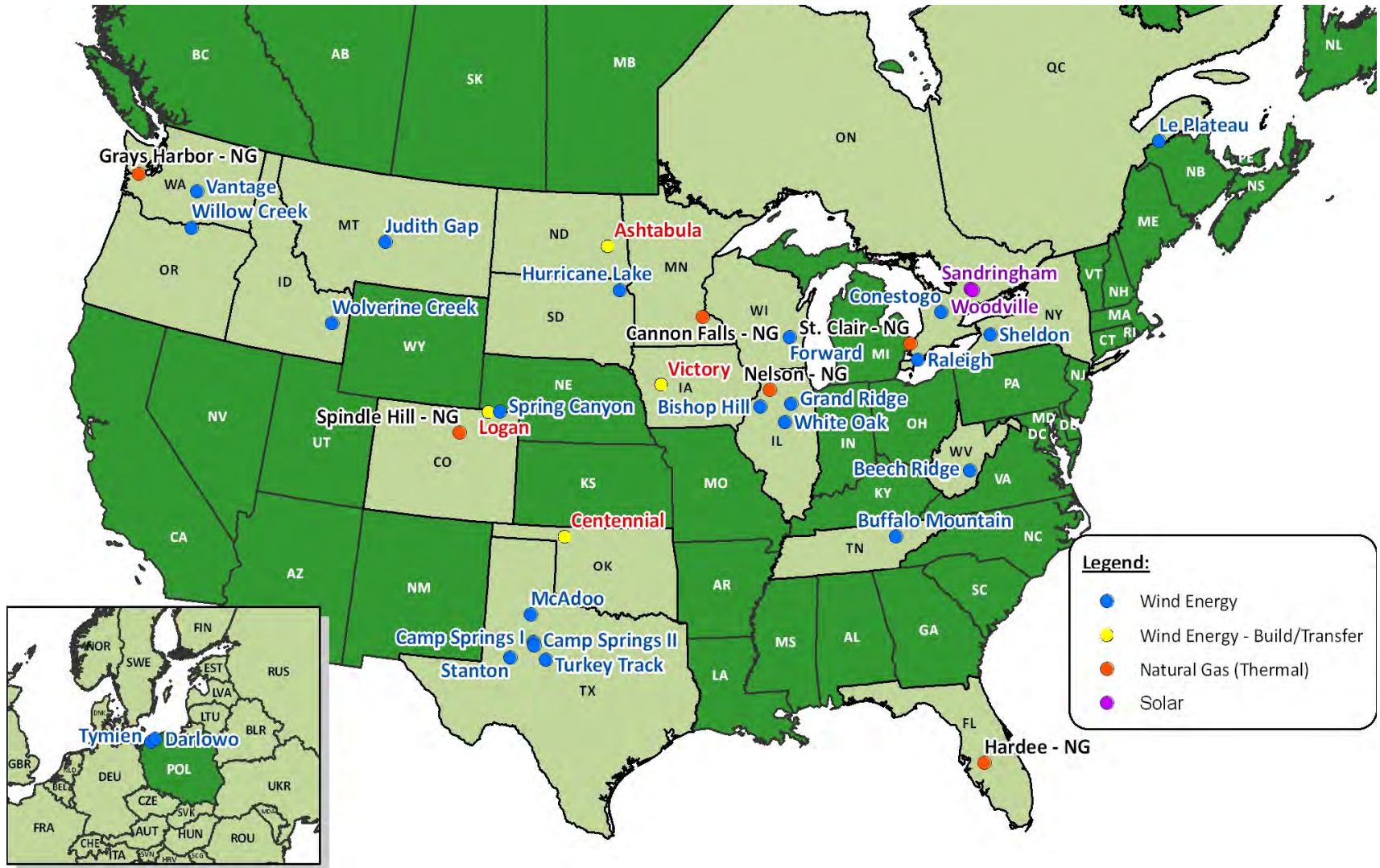
- Other projects Invenergy Canada has in Canada includes:



- Raleigh Wind Farm
- Conestogo Wind Farm
- Le Plateau Wind Energy Centre, Quebec
- St. Clair Gas Project



Current Global Projects



Growing Kawartha Lakes

- Renewable energy projects bring many benefits to local communities and Ontario
 - Local jobs during construction and maintenance
 - Contracting Ontario business during installation
 - Increase municipal tax base
 - New manufacturing jobs in Ontario



The Green Energy Act

- The Green Energy Act (GEA) was passed by the province of Ontario in 2009 to:
 - Increase the amount of renewable energy generated in Ontario
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Feed-In-Tariff (FIT)

- The Feed-In-Tariff (FIT) is an important part of the Green Energy Act
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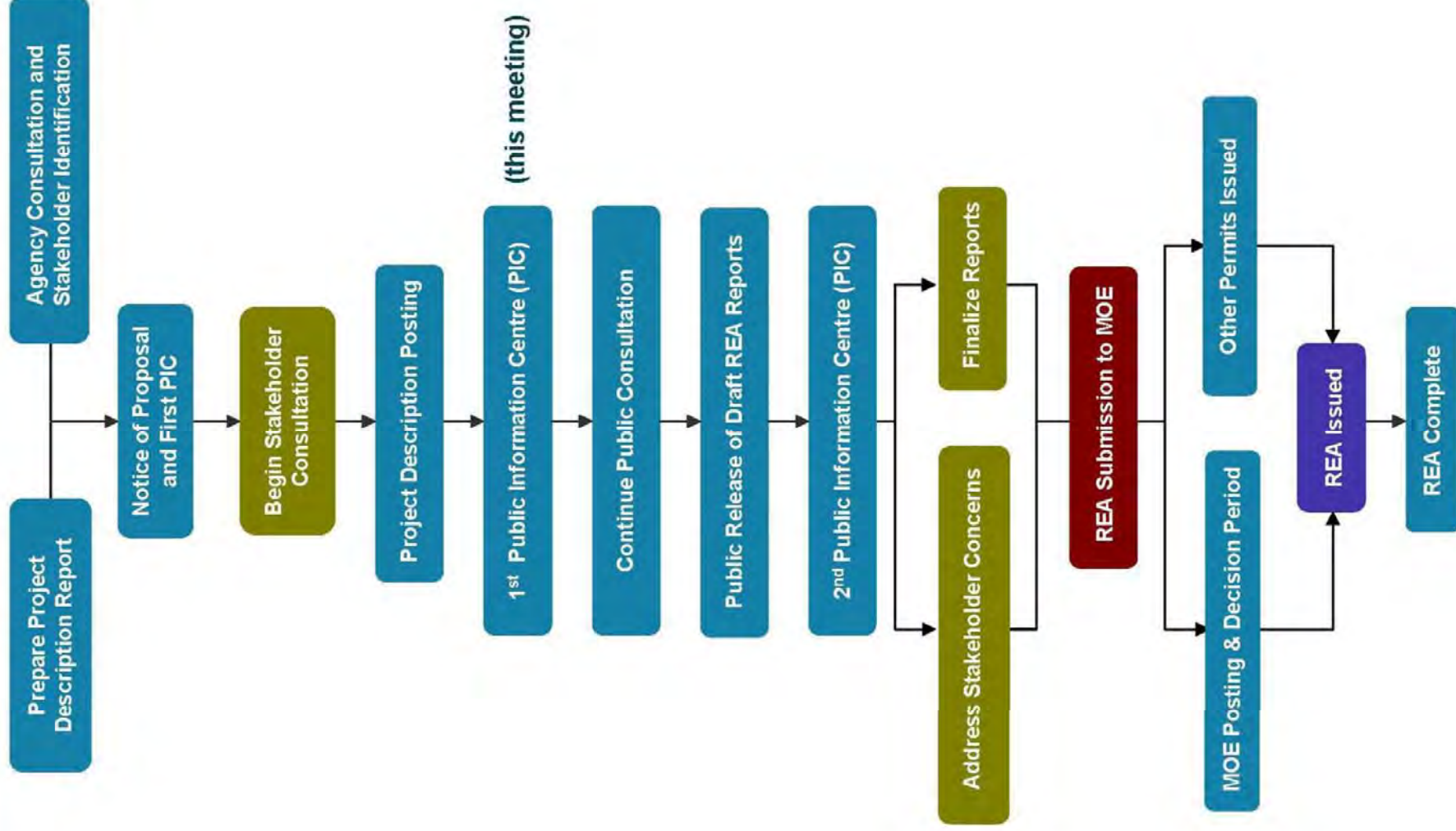
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- The REA process allows for community input



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Environmental Protection Act Regulation for Renewable Power



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- A complete REA submission includes:
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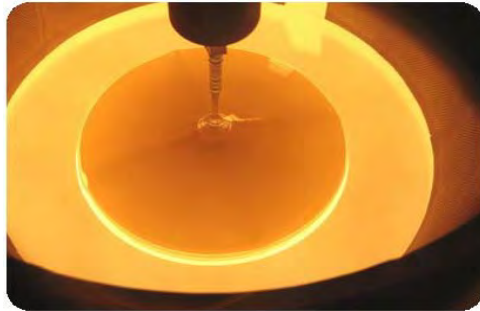


Solar Energy

- Capturing the sun's rays may be one of the oldest ways to harness energy
- Projects will use solar photovoltaic (PV) technology
- PV cells convert light into electricity
- The more cells, the more electricity produced
- All electricity generated by both projects will be fed directly into the grid

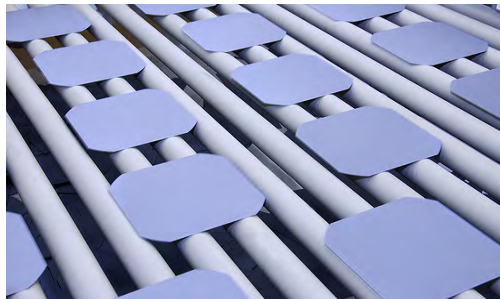


How It Works: Part I



1. Molten silicon is use to make...

2. wafers which are put together to create...



3. cells that when put together make...

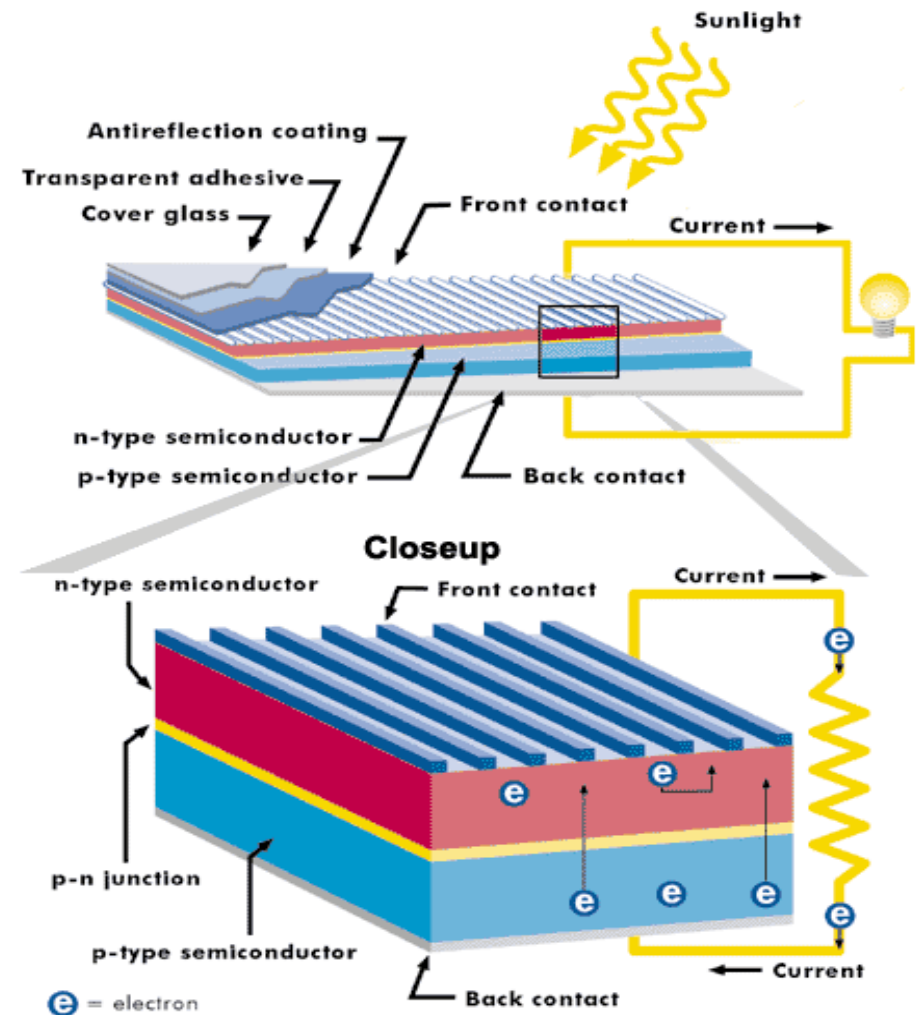


4. a module that is mounted on a rack.



How It Works: Part 2

- When light shines on a cell, it frees electrons from the semiconductor wafers creating electricity



About Woodville

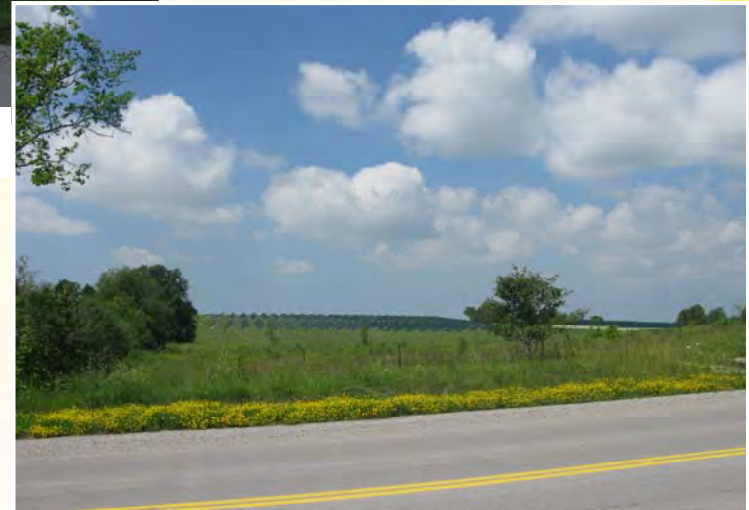
- 1126 Woodville Road
- Area: 90 acres
- Electrical Output: 10 MW
- Project to be connected to Hydro One Distribution Line



What It Might Look Like



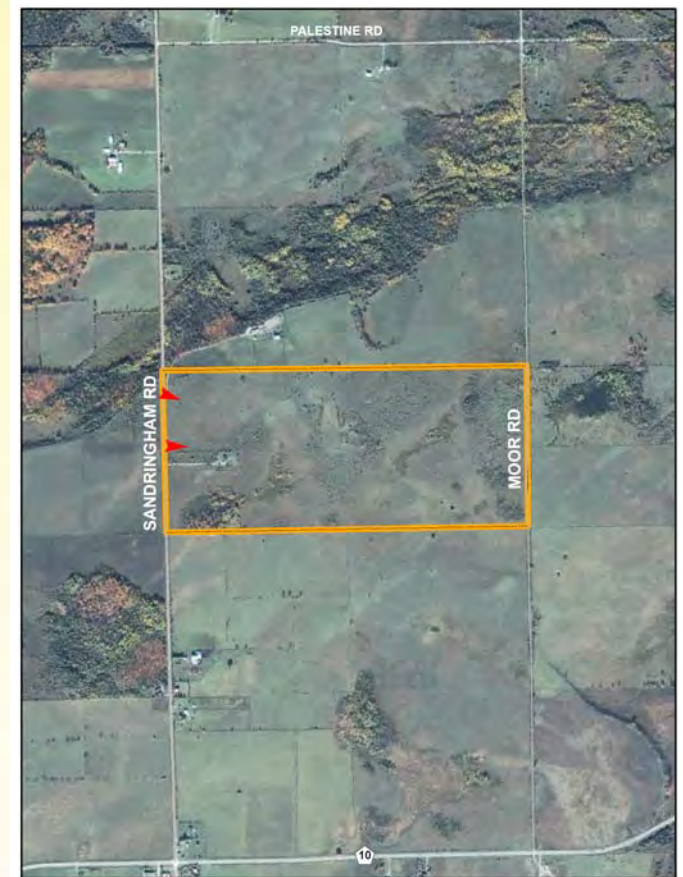
View from Woodville Road



View from Cambray Road

About Sandringham

- 764 Sandringham
- Area: 200 acres
- Electrical Output: 10 MW
- Project to be connected to Hydro One Distribution Line



What It Might Look Like



View from northeast corner of Sandringham site (project will not be visible)



View from Sandringham Road looking east (project will not be visible)

Equipment

- The solar modules will be poly or mono-crystalline producing 200-300 watts of direct current (DC) energy
- DC wiring will connect the modules through the racks and to the inverter
- Inverters will be 250 to 500kW each converting DC to AC (alternating current)
- AC wiring will connect the inverter to the substations



Construction

■ Activities include:

- Site clearing and grading
- Installation of site fencing and erosion control measures
- Underground cable installation
- Rack foundation, module and wiring installation
- Inverter installation
- Substation construction



- ## ■ Construction should begin in the fall of 2011 and last approximately 6 to 9 months



Next Steps For The REA

- Summer 2010
 - Conduct specific REA studies
- Fall 2010
 - Release and distribute draft REA Reports
 - Second Public Information Centre in November
 - Revise and finalize REA Reports
- December 2010
 - Submit final REA reports to the Ministry of Environment
- Summer 2011
 - Ministry of Environment releases approval decision



Talk With Us

- For questions about the projects, please contact
 - Ryan Ralph, Development Manager, Invenergy
 - T 905.857.6936 F 905.857.8948
 - rralph@invenergyllc.com
- For questions about the REA process, please contact
 - Don McKinnon, REA Project Manager, Dillon Consulting
 - T 416.229.4647 x 2355 F 416.229.4692
 - dpmckinnon@dillon.ca
- Learn more at
 - woodville.invenergyllc.com sandringham.invenergyllc.com



Invenenergy CANADA

is bringing solar power to the Kawartha Lakes community.

How Ontario generates electricity is changing. Families and communities are demanding new and cleaner ways to make energy. Coal plants are shutting down and renewal energy projects are taking their place as the future of electricity in Ontario.

The City of Kawartha Lakes is going to be a part of this new energy future. The Sandringham Solar Farm is being developed by the professionals at Invenenergy Canada and will generate enough electricity to power nearly 1,000 homes.

Invenenergy is developing this project as part of the Feed-in-Tariff (for FIT) program, which the province designed to encourage developers and communities to find new ways to generate energy. As an experienced renewable energy developer, Invenenergy has the skills and resources to build this project and is committed to working with the Kawartha Lakes community to make it a success.

Project Basics:

Location	On Sandringham Road in the City of Kawartha Lakes
Generation	Approximately 10 MW (megawatts) that will be put directly on to the grid
Technology	Photovoltaic (or PV) solar: ground mounted solar panels that will convert sunlight into electricity
Project life	20 years
Time lines	Construction will likely take between 6 and 9 months. Start date still to be determined.

Learn more

We have prepared a Project Description Report for this project. It contains more details and specifics about each of the projects. You can ask for a copy from Invenenergy or download a copy at www.sandringham.invenenergyllc.com

We welcome your comments.

Please send your questions to:

Ryan Ralph Project Manager, Invenenergy Canada

12 King Street West, Bolton, ON L7E 1C7

rralph@invenenergyllc.com

905.857.6936 x 21



Sandringham Solar Farm



Invenenergy
CANADA

Capturing the sun's rays

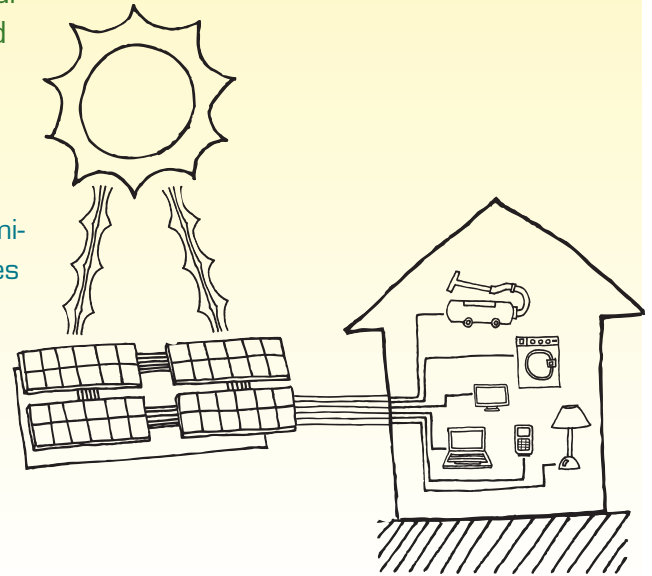
may be one of the oldest ways to generate heat and energy. With today's new technology, solar energy is a cost-effective and efficient way to make clean and renewable energy.

Invenergy projects use solar photovoltaic (PV) for our projects. Here is some simple information on a complicated and exciting technology.

About PV

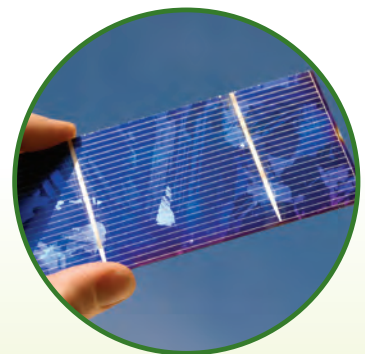
PV systems use cells to convert solar radiation (light) into electricity. The cell consists of one or two layers of a semi-conducting material. When light shines on the cell it creates an electric field across the layers, causing electricity to flow between the layers. The stronger the light, the faster the electricity flows.

A PV system therefore does not need bright sunlight in order to operate. It can also generate electricity on cloudy days.



The most common semi-conductor material used in PV cells is silicon, an element most commonly found in sand. A solar cell is measured in terms of its efficiency at turning solar radiation or 'sunlight' into electricity. A typical solar cell has an efficiency of about 13 - 15% as only a portion of the sunlight energy spectrum can be converted into electricity and much of the sunlight is reflected or absorbed by the materials that make up the cell.

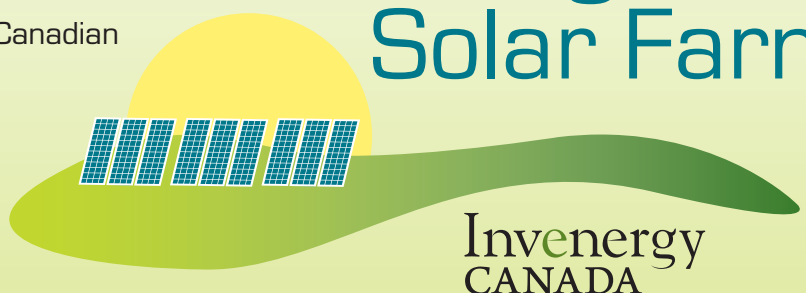
Large solar projects take a lot of cells to make energy. These cells are usually combined together into a module. Multiple modules can be wired together to form an array. In general, the larger the array, the more electricity that will be produced. These arrays are then connected to an inverter that converts the energy in the cells from direct current (DC) to alternating current (AC). This AC energy is then feed onto the grid to be used across Ontario.



One of the most important features of solar PV systems is that there are no emissions of carbon dioxide—the main gas responsible for climate change—during their operation.

To learn more about solar energy visit the Canadian Solar Industry Association (cansia.ca).

Sandringham Solar Farm





Public Information Night
Woodville Town Hall
July 21, 2010

COMMENT SHEET

Thank you for attending our information session. Please share with us your thoughts and comments on the information presented this evening. Comments received will be considered during completion of the study process.

For the record, I am absolutely against this.
The property is gone H! This is not
an H! yet. My farm is directly
across the road and I got to look
out on it 80 years of peace. My
don't see look into anything that's far
across the ~~see~~ road from Woodville is
in favour of them!!



Please check here if

Name:

Steve

to the project contact list and provide your name and mailing address.

[Redacted address information]

Comments can be left here tonight or sent to:

Ryan Ralph, Belwood Project Manager, Invenenergy Wind Canada ULC
12 King Street, West Bolton, ON L7E 1C7
Tel: (905) 857-6936 Fax: (905) 857-8948 e-mail: RRalph@invenenergyllc.com



Public Information Night
Woodville Town Hall
July 21, 2010

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Looks and sounds like a
great project

Good luck

Ryan.

☐ Please check here if you would like to be added to the project contact list and provide your name and mailing address.

Name: _____

Address: _____

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Solar is quite hope fully.



Please check here if you would like to be added to the project contact list and provide your name and mailing address.

Name:

Marina & John

Address

[Redacted Address]

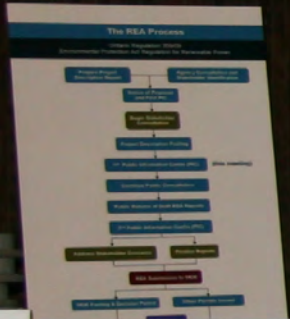
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EXIT



REA Studies

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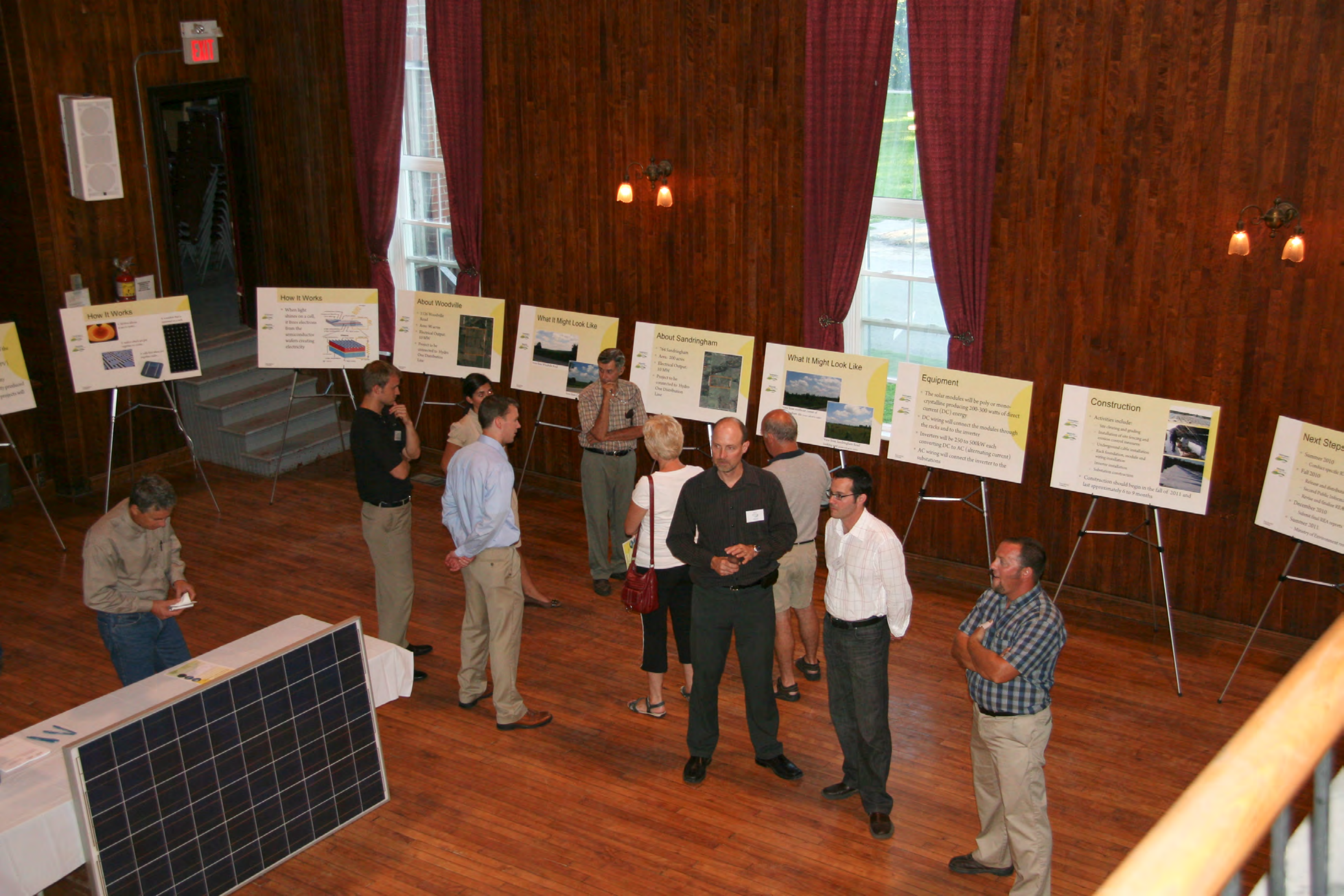
may be one of the
FY
zvoltaic (PV)
electricity
electricity pro
both project



About

- 764 Solar
- Area: 200
- Electrical: 10 MW
- Project to be connected to One Distribution Line





EXIT

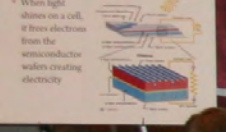
How It Works

When light shines on a cell, it frees electrons from the semiconductor wafer creating electricity.



How It Works

When light shines on a cell, it frees electrons from the semiconductor wafer creating electricity.



About Woodville

- 1124 Woodville Road
- Area: 90 acres
- Electrical Output: 10 MW
- Project to be connected to Hydro One Distribution Line



What It Might Look Like



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Next Steps

- Summer 2010: Conduct specific REA
- Fall 2010: Review and distribute Second Public Information
- December 2010: Submit final REA reports
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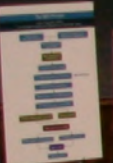


Keynote Lecture
The Green Energy Act
The Green Energy Act (GEA) is a landmark piece of legislation that will significantly increase the amount of renewable energy produced in the state. The GEA will also create a new regulatory framework for the industry, ensuring that the state's interests are protected.

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Feed-in-Tariff (FIT)
The Feed-in-Tariff (FIT) is a policy that guarantees renewable energy producers a fixed price for the electricity they generate. This encourages investment in renewable energy and ensures that producers are paid a fair price for their electricity.

The REA Process
The REA process is a multi-step process that involves the development of a renewable energy project. It starts with the identification of a potential site, followed by the development of a project plan, and then the submission of an application to the relevant authorities.



REA Status
The REA process is currently in the 'Assess Application' stage. The relevant authorities are reviewing the application and will make a decision on whether to approve the project.

Renewable Energy
Renewable energy is energy that is derived from natural resources that are replenished over time. This includes solar, wind, hydro, and geothermal energy.

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COMMENT BOX





Sandringham Solar Farm
Public Information Session
Fenelon Town Hall
September 28, 2011

SIGN-IN SHEET

Thank you for attending our information session.

Your Name

Address

BEYON [REDACTED]

[REDACTED]

E-mail

Day time number

Your Name

Address

Lawrence [REDACTED]

[REDACTED]

E-mail

Day time number

Your Name

Address

Marie [REDACTED]

[REDACTED]

E-mail

Day time number

Your Name

Address

Shane [REDACTED]

[REDACTED]

E-mail

Day time number

[REDACTED]



Sandringham Solar Farm
Public Information Session
Fenelon Town Hall
September 28, 2011

SIGN-IN SHEET

Thank you for attending our information session.

Your Name

Address

Taylor [REDACTED]
[REDACTED]

E-mail

Day time number

Your Name

Address

E-mail

Day time number

Your Name

Address

E-mail

Day time number

Your Name

Address

E-mail

Day time number

Sandringham Solar Farm Public Information Centre #2

WELCOME



The Projects

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 - Woodville Solar Farm is located at 1126 Woodville Road
 - Sandringham Solar Farm is located at 764 Sandringham Road



Sandringham Solar Farm

- The Sandringham Solar Farm will be located on Sandringham Road between Glenarm and Palestine Road



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- Invenergy is an experienced renewable energy developer
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Invenergy Canada's Other Canadian Projects

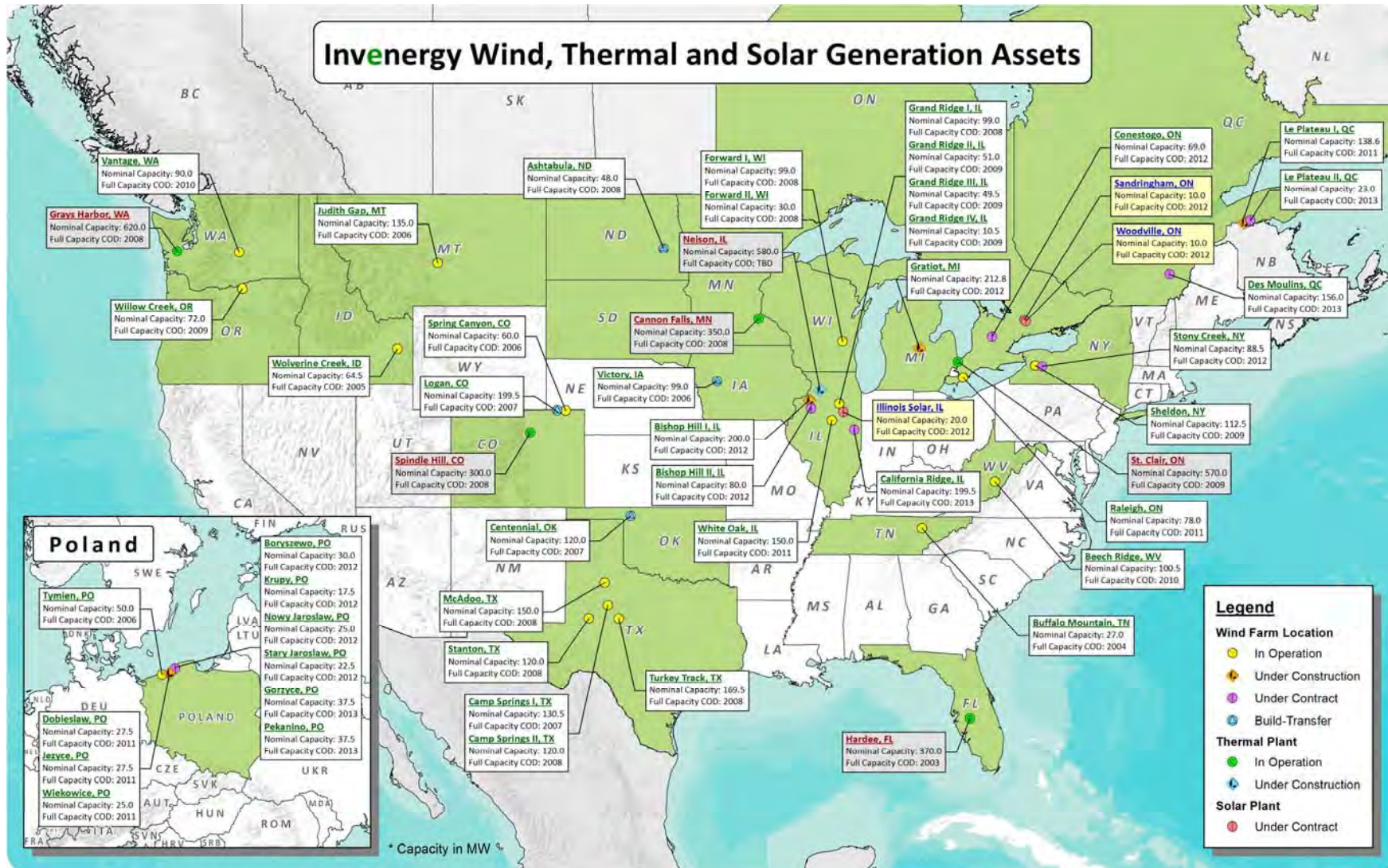
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Invenergy Wind, Thermal and Solar Generation Assets



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 - Contracting Ontario business during installation
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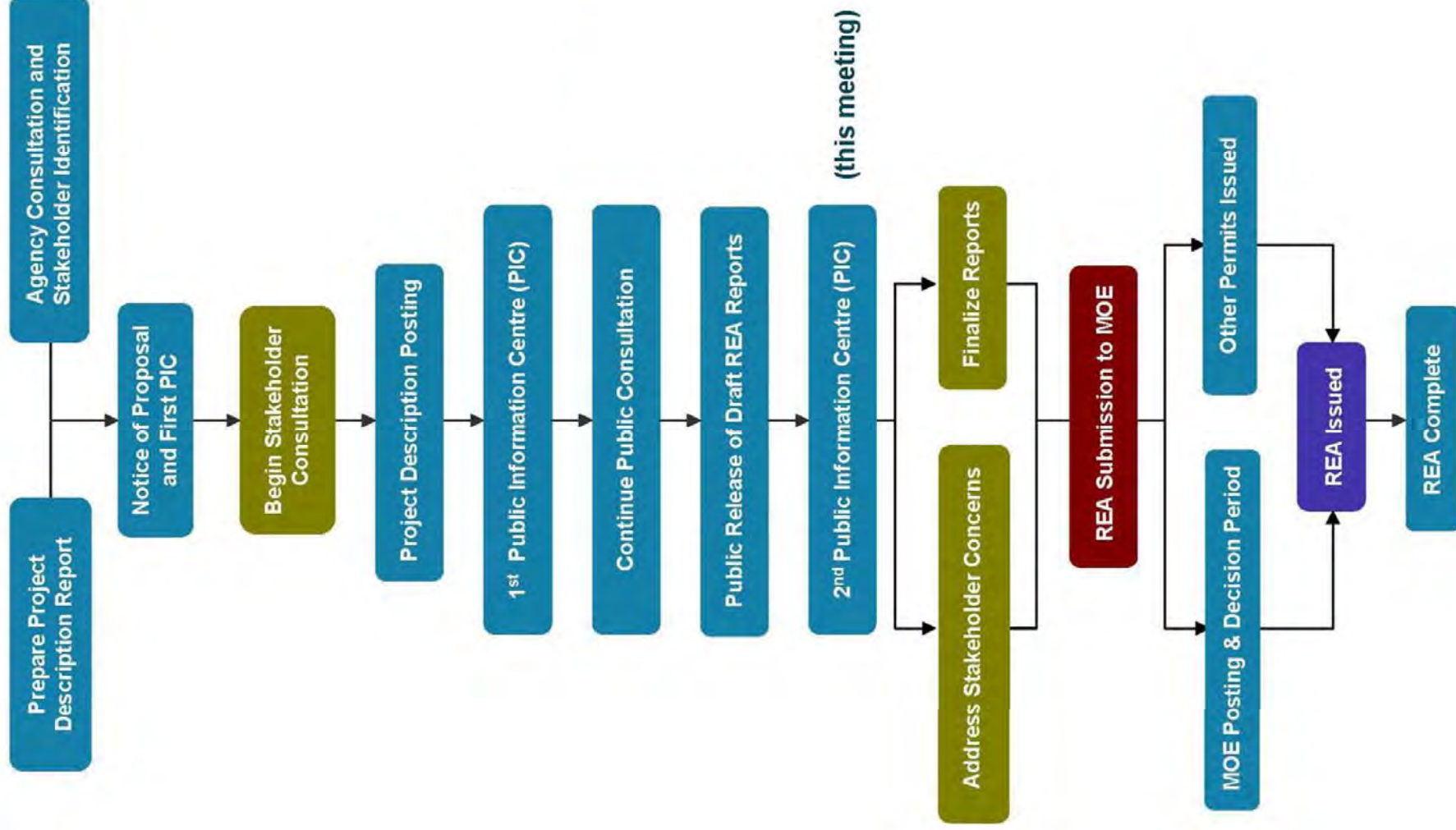
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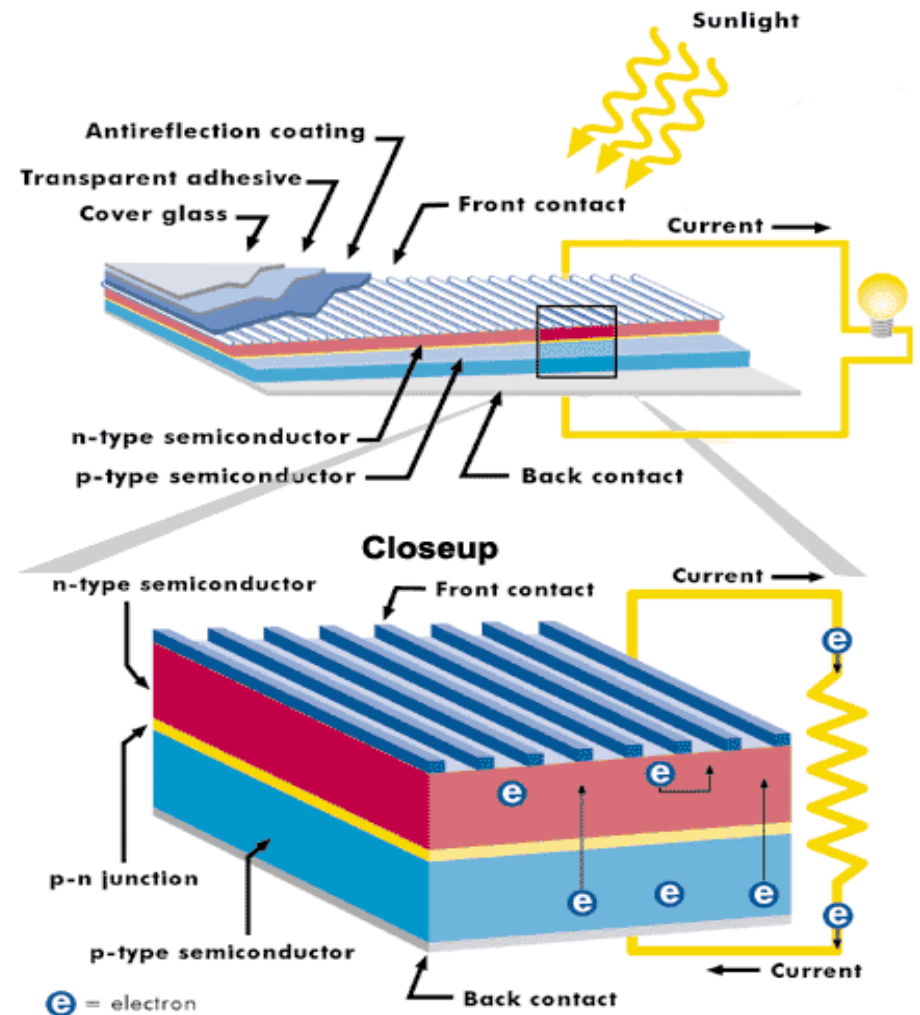
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How It Works

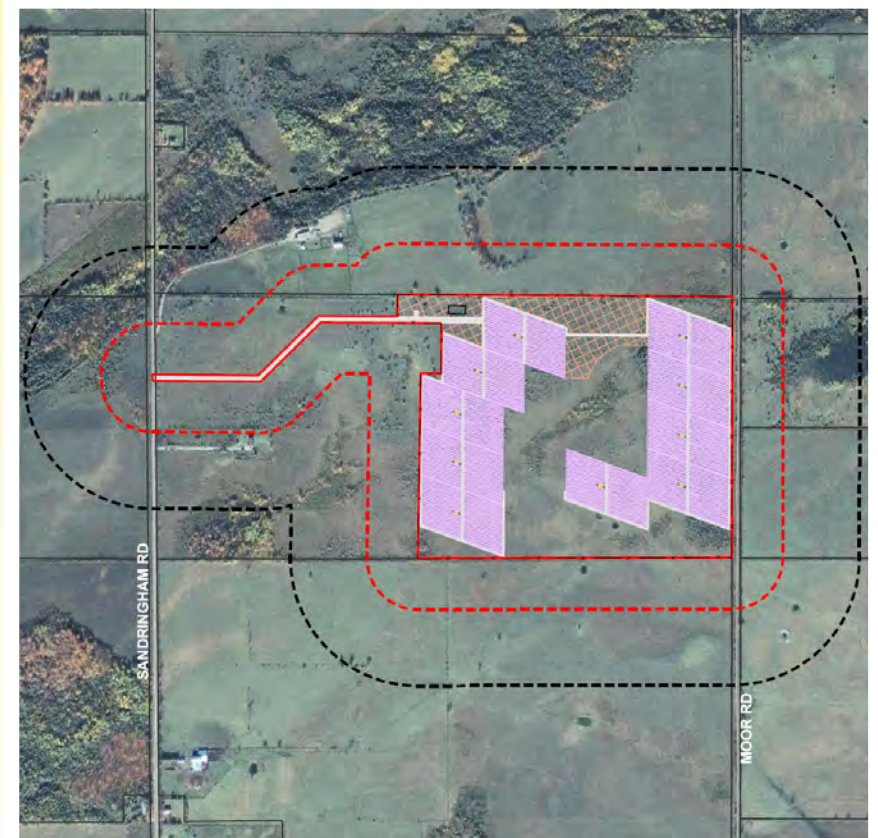
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About Sandringham Solar Farm



- 764 Sandringham
- Area: 200 acres
- Electrical Output: 10 MW
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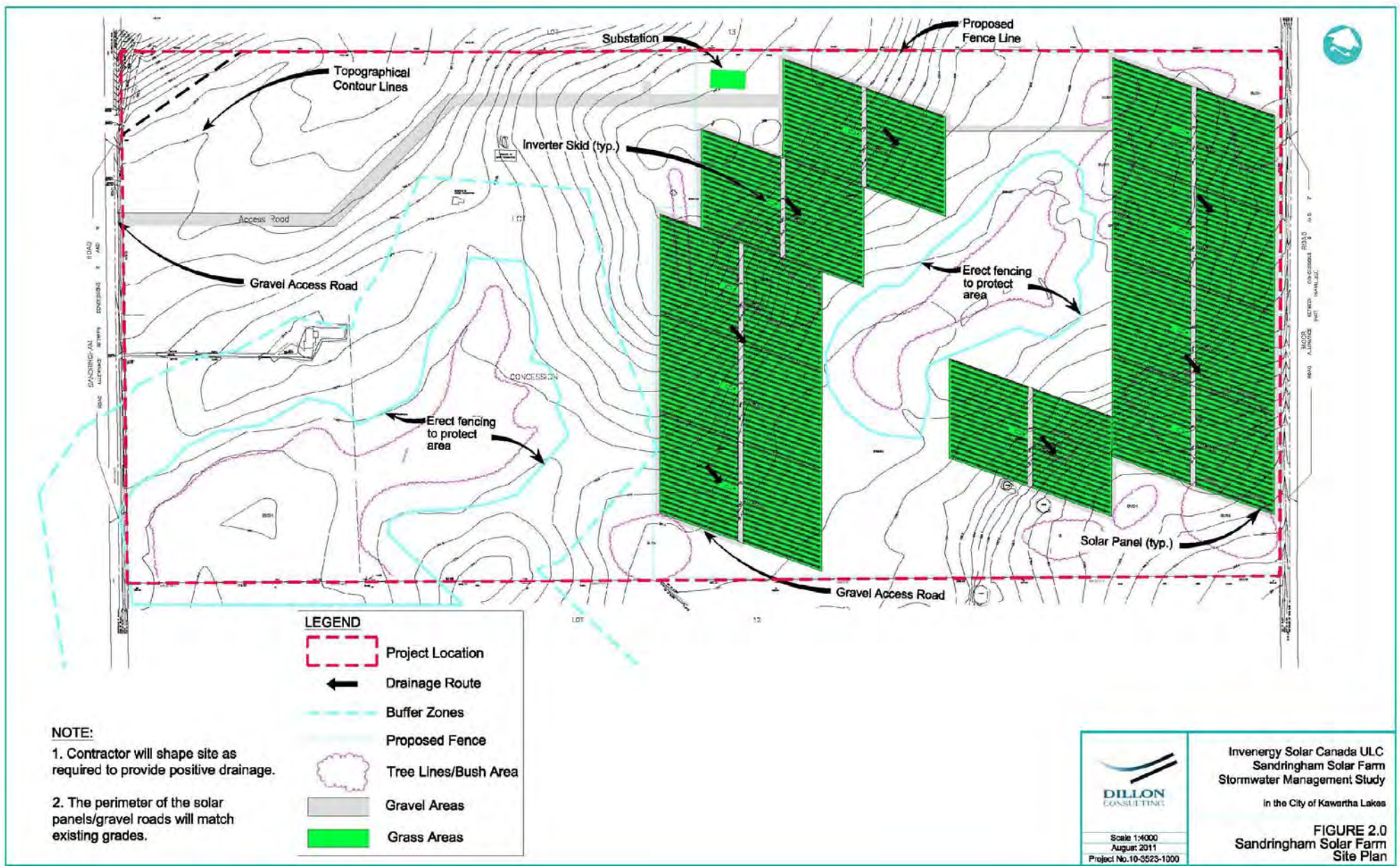
What It Might Look Like



View from northeast corner of Sandringham site (project will not be visible)



View from Sandringham Road looking east (project will not be visible)



Sandringham Facility Components

- **Solar Modules:** approximately 68,200 crystalline modules
- **Inverters:** conversion of variable DC output of the PV cells into alternating current (AC) to supply the electrical grid
- **Padmount Transformer:** used to step up electrical voltage
- **Access Road:** from Sandringham Road
- **Perimeter Fence:** chain link fence around the entire site for safety and security
- **Temporary Storage Areas:** small area for temporary construction storage
- **Connection to the grid:** An overhead 44kV distribution line will extend from the onsite transformer along the access road. Hydro One will construct a new 44kV line within the Sandringham right-of-way to connect to existing Hydro One line near Glenarm and Sandringham Road



Construction

■ Activities include:

- Site clearing and grading
- Installation of site fencing and erosion control measures
- Underground cable installation
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- Inverter installation
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- Construction should begin in the Spring 2012 and last approximately 6 to 9 months



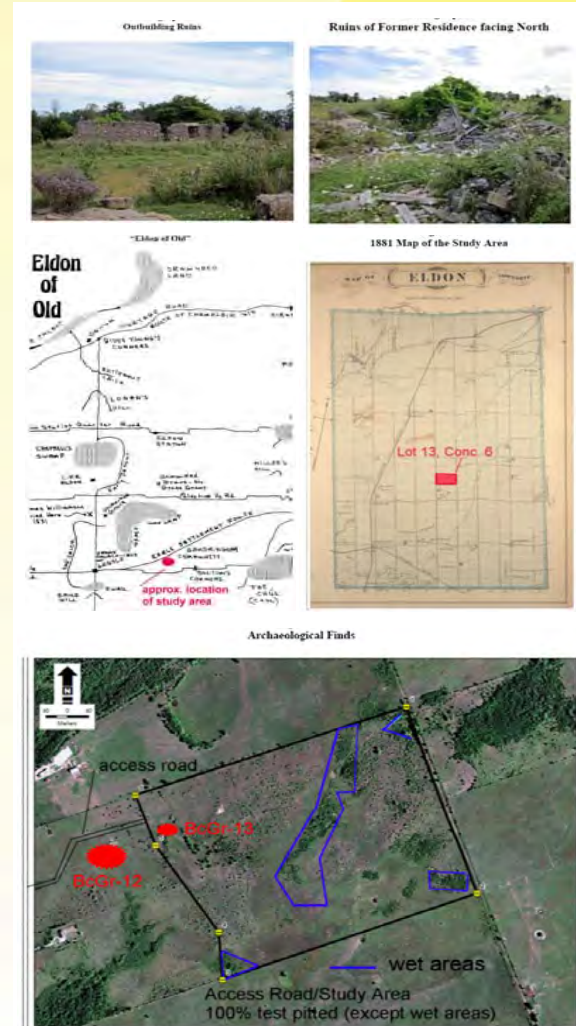
Proposed Construction Schedule



Construction Activity	Anticipated Duration	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6
Site Mobilization & Preparation	6 weeks	■	■	■	■		
Safety Fencing	4 weeks		■	■	■	■	
Installation of Transformer and Inverter Pads	5 weeks			■	■	■	■
Install Underground Feeders	6 weeks				■	■	■
Install Inverters	3 weeks					■	■
Pier Foundation Installation	4 weeks		■	■	■		
Rack Installation	11 weeks		■	■	■	■	■
Solar Module Installation	10 weeks		■	■	■	■	■
Rack Wiring	10 weeks			■	■	■	■
String Testing	5 weeks					■	■
Substation Construction	8 weeks				■	■	■
Commissioning & Demobilization	4 weeks						■
TOTAL	~6 Months	<-----Total construction schedule----->					

Sandringham Archaeological and Cultural Heritage

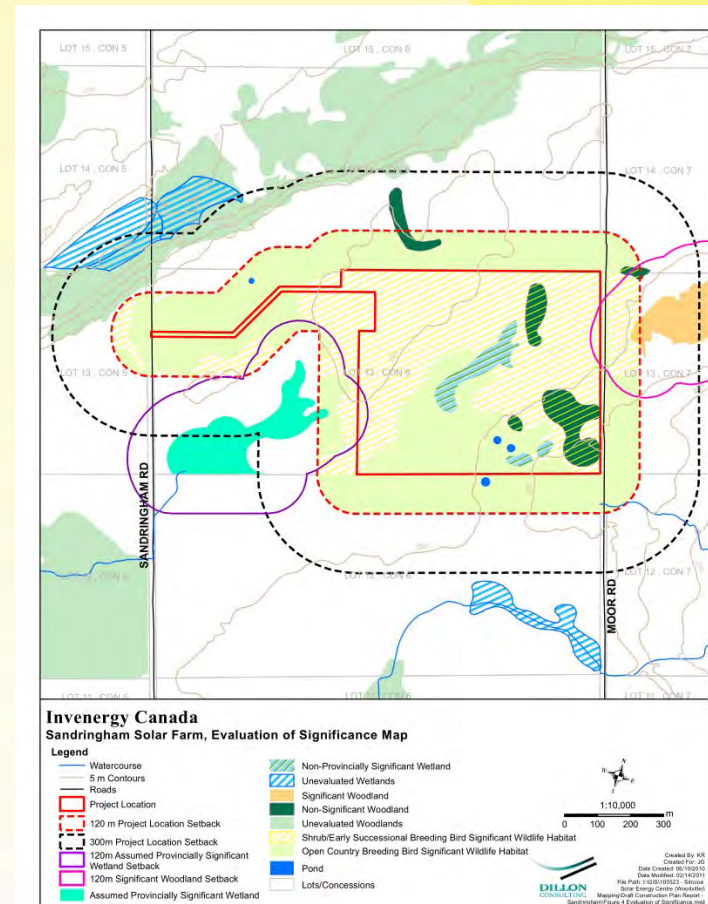
- Stage 1, 2 and 3 Archaeological Resource Assessment and a Cultural Heritage Assessment were conducted
- There are a number of extant structures located on the subject property and evidence of two ruins (BcGr-12 and BcGr-13)
- None of the ruins are located within the project location and the access road has been aligned to avoid development impacts to BcGr-12
- A Stage 3 Assessment was done on BcGr-13 which was submitted to the Ministry of Tourism and Culture in July 2011. It recommends that no further archaeological assessment is required
- No heritage building or feature will be affected



Sandringham Natural Heritage Results

Within 120m of the project location there are:

- Five distinct Mixed Willow Mineral Deciduous Thicket Swamp and a Poplar Mineral Deciduous Swamp
- No significant valleylands, Areas of Natural and Scientific Interest, provincial parks or conservation areas
- One woodland unit evaluated as significant, which is located outside of the project site
- Shrub/ Early Successional Bird Breeding Habitat (significant)



MNR letter of confirmation dated June 29, 2011



Sandringham Natural Heritage Mitigation



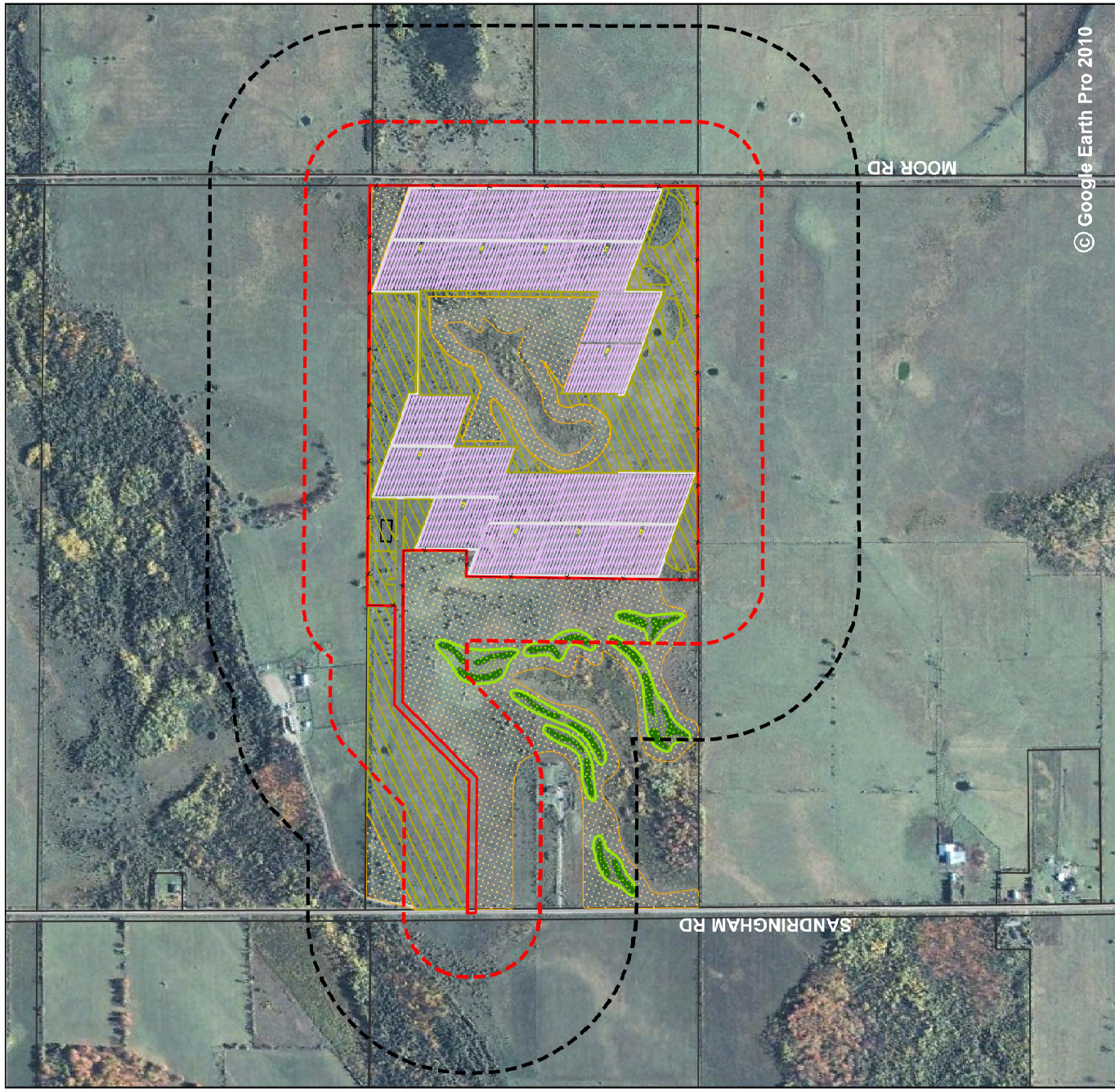
- The project does not function as a significant wildlife corridor and the project will not alter the ecological connectivity
- Potential effects to the significant woodland (90 m from project location) and assumed provincially significant wetland (85 m from project location) are loss of edge vegetation
- Mitigated measures include minimizing the area and duration of soil exposure; using appropriate grading techniques, wet exposed soils and access roads to control dust and prohibiting clearing of vegetation outside of the project location; installing erosion and sediment control structures and restricting equipment lay-down areas to within the project location
- Impacts to on-site non provincially significant wetlands have been avoided by the placement of project components around these features

Sandringham Habitat Compensation



- Potential effects to the significant shrub/early successional bird breeding habitat include temporary use of habitat for construction laydown, habitat loss (20.7 ha) and behavioural disturbance/avoidance
- A Shrubland Habitat Restoration and Enhancement Plan has been developed in consultation with the Ministry of Natural Resource
- Through this Plan and other proposed wildlife protection and enhancement measures Invenergy Canada has committed to the following:
 - Time vegetation clearing to avoid the bird breeding season;
 - Restoring 1.5 ha of shrub/early successional habitat through planting native shrub vegetation;
 - Allowing other shrubland habitat on the site to regenerate naturally; and
 - Maintaining the existing grassland habitat on the site.

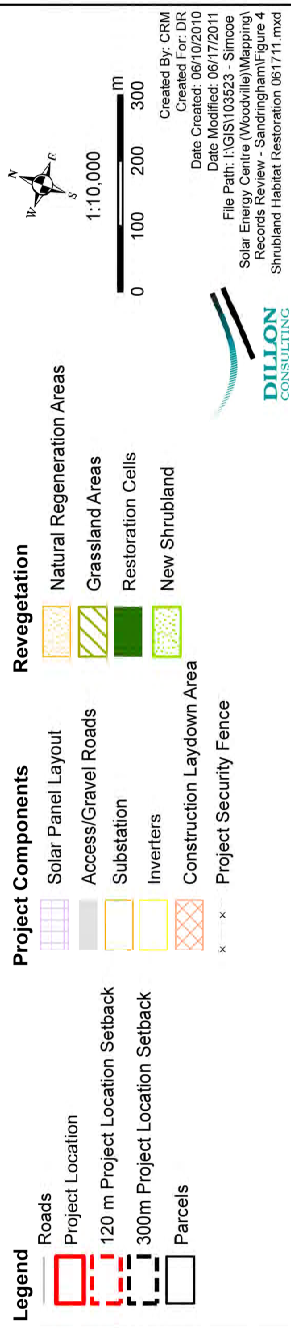
Sandringham Solar Farm: Shrubland Habitat Restoration and Enhancement Plan



© Google Earth Pro 2010

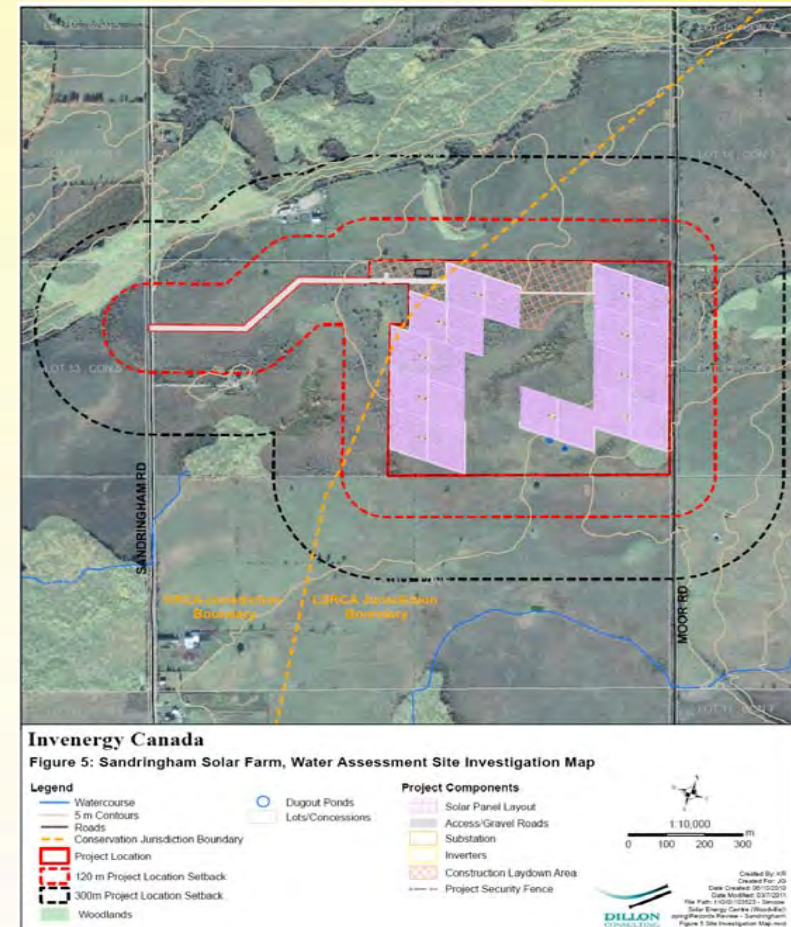
Invenery Canada

Figure 4: Sandringham Solar Farm, Shrubland Habitat Restoration and Enhancement Plan



Sandringham Water Bodies Results

- Located within the Balsam Lake Watershed under the jurisdiction of the Kawartha Lakes Conservation Authority and Lake Simcoe Watershed under the Lake Simcoe Region Conservation Authority
- There is one mapped aquatic feature in the eastern portion of the site and two small farm ponds, all of which do not meet the classification for water body under Ontario Regulation 359/09 and are not considered fish habitat



Sandringham Water Bodies Mitigation



- Within the project location there are no water bodies, as defined by Ontario Regulation 359/09
- Invenergy Canada will mitigate potential effects of the project on non-regulated ponds, headwater drainage areas and/or non-provincially significant wetlands within the project location by maintaining the ecological function of these features

Sandringham Air, Odour, Dust and Noise Results



- Once in operation, the renewable energy facility will not create dust, odour or air emissions and the only noise will be from the inverters and transformers
- During construction, effects may include increased particulate matter (dust), emissions from the diesel engines and elevated noise levels
- Impacts will be localized and temporary
- Appropriate air quality mitigation measures will be implemented during construction
- Noise levels have been modelled to confirm that regulated noise levels are met

Next Steps For The REA

- Fall 2011
 - Woodville second Public Information Centre
September 7, 2011
 - Sandringham second Public Information Centre
September 28, 2011
 - Revise and finalize REA Reports
- October 2011
 - Submit final REA Reports to the Ministry of Environment for approval
- Winter 2012
 - Ministry of Environment releases approval decision



Talk With Us

- For questions about the projects, please contact
 - Ryan Ralph, Development Manager, Invenergy
 - T 416.901.9463 F 416.546.9905
 - rralph@invenergyllc.com
- For questions about the REA process, please contact
 - Don McKinnon, REA Project Manager, Dillon Consulting
 - T 416.229.4647 x 2355 F 416.229.4692
 - dpmckinnon@dillon.ca
- Learn more at
 - woodville.invenergyllc.com sandringham.invenergyllc.com





Hall Contract

Printed: 20 Jul 2011, 11:33 AM

User: Isheard

Contract #: 13312
Date: 20 Jul 2011

User: Isheard
Status: Tentative

Parks, Recreation and Culture Division, hereby grants Dillon Consulting (hereinafter called the "Licensee") represented by Justine Giancola, permission to use the Facilities as outlined, subject to the Terms and Conditions of this Agreement contained herein and attached hereto all of which form part of this Agreement.

i) Purpose of Use Meeting
Solar Info Seminar

ii) Conditions of Use No smoking.

iii) Date and Times of Use # of Bookings: 1 Starting: Wed 28 Sep 11 03:00 PM Expected: 0
Ending: Wed 28 Sep 11 10:00 PM

Facility/Equipment	Day	Start Date	Start Time	End Date	End Time	Fee	XFee	Tax	Total
Fenelon Township Community Centre - Hall	Wed	28 Sep 2011	03:00 PM	28 Sep 2011	10:00 PM	\$466.00	\$0.00	\$60.58	\$526.58

iv) Additional Fees

v) Payment Method

Rental Fees	Extra Fees	Tax	Rental Total	Damage Deposit	Total Applied	Balance	Current
\$466.00	\$0.00	\$60.58	\$526.58	\$0.00	\$0.00	\$526.58	\$0.00

Rental charges are due according to the following schedule:

Date	Amount
Wednesday, Jul 20, 2011	\$113.00
Wednesday, Sep 14, 2011	\$413.58

vi) Other Information

Prompt	Answer
Podium required?	Yes

Please return signed contract/payments to:

City of Kawartha Lakes
Parks, Recreation and Culture Division
Attention: Facility Booking Clerk
180 Kent St. West
Lindsay, ON K9V 2Y6

Please include Contract Number with payment.

For all other inquiries please contact the respective supervisors:

Gerry Barker (Southwest Area)	(705)953-9524
Ivan Disney (Southeast Area)	(705)799-5254
Gerry Hood (North Area)	(705)738-2363
Robin Nisbet (Lindsay Rec Complex)	(705)324-9112
Jenn Johnson (Armoury)	(705)324-9411 ext 1350

email: gbarker@city.kawarthalakes.on.ca
email: idisney@city.kawarthalakes.on.ca
email: ghood@city.kawarthalakes.on.ca
email: rnisset@city.kawarthalakes.on.ca
email: jjohnson@city.kawarthalakes.on.ca

CONDITIONS & REGULATIONS

GENERAL

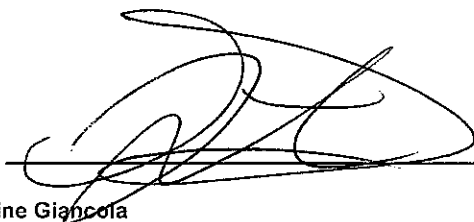
1. The premises are to be used only during the rental period and only for the purpose specified in the permit.
2. The applicant shall ensure that adequate qualified instructors, supervisors and/or security personnel (as required) are present and on duty at all times during the rental period.
3. The applicant is liable for all damages to the premises arising during the rental period.
4. The applicant shall be responsible for the conduct and supervision of all persons admitted to the building and the grounds and shall ensure that all regulations contained herein are strictly observed.
5. The applicant must pay such fees for extra work by custodians, etc. as the City may determine to be appropriate.
6. The City, the Division, and staff thereof, are in no way responsible for personal injury or death or damage, loss or theft of any property of the applicant, the applicant's organization, any person contacted by the applicant or any person attending during the rental period.

Contract #: 13312
Date: 20 Jul 2011

User: Isheard
Status: Tentative

7. The City shall not be responsible for total or partial lack of performance caused by strikes, riots, lack of public transportation, lack of utilities, poor weather and other causes which are beyond its direct control.
8. The applicant acknowledges that any products and equipment on display or offered for sale during the rental period will be the sole responsibility of the applicant.
9. Decorating: The use of ladders is allowed under the height of 12 feet, over 12 feet suitable equipment must be utilized at the applicant's cost.
10. Where the applicant chooses to operate a bar for activities/events associated with this agreement the applicant shall:
 - i. obtain a L.L.B.O. Special Occasion Permit and ensure that the City's Municipal Alcohol Policy is adhered to;
 - ii. ensure that the entrance to the building is monitored by two people 19 years of age or over who have received the Server Intervention Program or SmartServe training;
 - iii. ensure that the applicant and the person who signs the Special Occasion Permit application attend the event and be responsible for making decisions regarding the operation of the event and the conduct of attendees and, therefore, shall not consume alcohol while the event is in progress;
 - iv. ensure that all event workers shall not consume alcohol while the event is in progress;
 - v. ensure that the physical setting is safe for both drinkers and non-drinkers;
 - vi. prevent patrons from engaging in activities that can harm others and themselves;
 - vii. ensure that all exits are supervised;
 - viii. ensure that no glass bottles leave the bar area and that drinks are served in plastic cups; and
 - ix. ensure that the bar is closed by 1:00 am and the building vacated by 1:30 am.
 - x. Liability Insurance purchased with the City will not be valid until all rental fees are paid in full prior to the event.
11. It is the responsibility of the applicant to contact the City Licensing Officer, Don Abel @ dabel@city.kawarthalakes.on.ca or 705-324-9411 ext. 343 regarding any licensing that may be required for special events.
12. The applicant shall pay all rental fees 14 days prior to booking. A non-refundable deposit is due before a booking can be confirmed.
13. All rental rates are subject to increase without prior notice.
14. The Municipality reserves the right to cancel this Contract, in it's sole and absolute discretion, where it is determined by the Municipality that the Applicant has failed to comply with any term or condition of the Contract or any applicable Municipal By-Law, Provincial or Federal law. In the circumstances of such cancellation the user may receive reimbursement of the Application fees less the Municipality's administration fees and costs. The Applicant shall have no right to claim damages in such circumstances and the portion of the Application/License fee refunded, if any, shall be deemed to be in full and final satisfaction of the Licensee's legal rights and recourse.

X:



Justine Giancola

Dillon Consulting
235 Yorkland Blvd
Suite 800
Toronto ON M2J 4Y8
Home: ()
Business: (416)229-4646
Fax: (705)

Date:

July 20th, 2011

X:

Name:

Title:

Parks, Recreation & Culture

(705)324-9411 ext. 1226
(705)328-2861(fax)
Isheard@city.kawarthalakes.on.ca

Parks, Recreation and Culture Division

Date:

APPENDIX D: ABORIGINAL CORRESPONDENCE

Sandringham Solar Farm

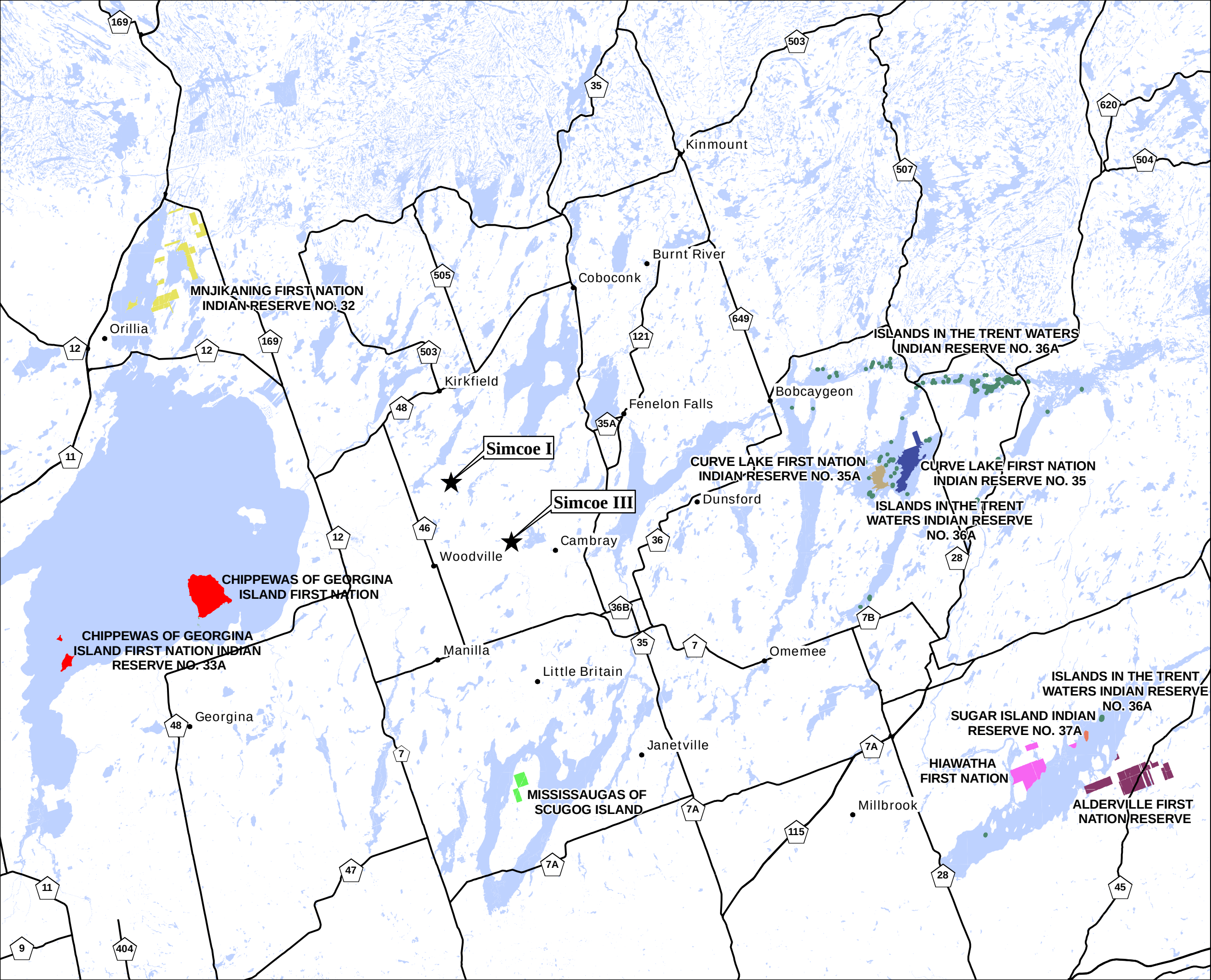
November 2011

Aboriginal Consultation - Contact List A

First Nations	Location	Chief	Address	City	Province	Postal Code	Phone Number	Fax Number	Email
Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A	Roseneath	Chief James R. Marsden	11696 Second Line, P.O. Box 46	Roseneath	Ontario	K0K 2X0	905-352-2011	905-352-3242	jbmarsden@eagle.ca
Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Sutton West	Chief Donna Big Canoe	R.R. #2, P.O. Box N13	Sutton West	Ontario	L0E 1R0	705-437-1337	705-437-4597	dbigcanoe@georginaisland.com
Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32	Rama	Chief Sharon Stinson Henry	5884 Rama Road, Suite 200	Rama	Ontario	L0K 1T0	705-325-3611	705-325-0879	chief@ramafirstnation.ca
Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Curve Lake	Chief Keith Knott	22 Winookeeda Road	Curve Lake	Ontario	K0L 1R0	705-657-8045	705-657-8708	chief@curvelakefn.com
Hiawatha First Nation	Keene	Chief Laurie Carr	123 Paudash Street, R.R. #2	Keene	Ontario	K0L 2G0	705-295-4421	705-295-4424	lcarr@hiawathafn.ca
Mississaugas of Scugog Island	Port Perry	Chief Tracy Gauthier	22521 Island Road	Port Perry	Ontario	L9L 1B6	905-985-3337	905-985-8828	tgauthier@scugogfirstnation.com

Invenergy Canada

Simcoe I and III Solar Energy Centres



Legend

- Highway
- Waterbodies
- Alterville First Nation Reserve
- Chippewas of Georgina Island First Nation
- Chippewas of Georgina Island First Nation Indian Reserve No. 33A
- Curve Lake First Nation Indian Reserve No. 35
- Curve Lake Indian Reserve No. 35A
- Hiawatha First Nation
- Islands in the Trent Waters Indian Reserve No. 36A
- Mississaugas of Scugog Island
- Mnjikaning First Nation Indian Reserve No. 32
- Sugar Island Indian Reserve No. 37A

June 16, 2010

Chief James R. Marsden
Alderville First Nations Reserve
Sugar Island Indian Reserve No. 37A
11696 Second Line, P.O. Box 46
Roseneath, Ontario K0K 2X0

**RE: Notice of a Proposal to Engage in a Renewable Energy Project
Sandringham Solar Farm
Woodville Solar Farm**

Dear Chief and Council,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two, 10 megawatt (MW) each, solar farms near the community of Woodville in the City of Kawartha Lakes in Ontario. This letter is being sent to nearby Aboriginal (First Nations and Métis) communities and organizations that Invenergy Canada has identified as potentially having an interest in the above noted project. While we understand that the Ontario Ministry of the Environment (MOE) will be confirming the list of Aboriginal communities that should be notified of this project, Invenergy Canada is taking the initiative to notify you in advance of receiving the list.

The proposed Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road in Kawartha Lakes. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road in Kawartha Lakes. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres each. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 meters above the ground. For your information, enclosed is a map outlining the boundaries of the two proposed project areas.

Invenergy Canada has received contracts from the Ontario Power Authority ("OPA") for the purchase of electricity generated by photovoltaic solar panels from the proposed solar farms through the Province's Feed-in-Tariff (FIT) program. You may recognize this program as part of the *Green Energy and Green Economy Act* which was passed last year. As part of the FIT approval process, this project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval (REA)*, section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must complete before construction. As specified in the REA regulations (Section 17), a project proponent is required to:

- Notify Aboriginal communities of the proponent's intent to develop the project;
- Provide Aboriginal communities with a copy of the draft Project Description Report;
- Provide information regarding any adverse impacts that the project may have on constitutionally protected treaty rights;
- Notify Aboriginal communities of each of the REA Reports that are to be released; and
- Make a written request that the Aboriginal community provide in writing any information available to the community that, in its opinion, should be considered in preparing the REA Reports. In particular, any information the community may have about any adverse impacts the project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts is requested.

While Section 17 of the REA Regulations makes reference to the need to submit the above through a form that has been approved by the MOE, no such form is available at this time, and the information/request is being made through this letter.

The following items address the above noted requirements:

Intent to Develop a Project

This letter serves as the Notice of Intent to develop the proposed Sandringham and Woodville Solar Farms.

Project Description

The draft Project Description Reports (PDR) for each of the two projects will be provided in mid-July, 2010.

Information Regarding any Adverse Impacts on Aboriginal or Treaty Rights

The following Aboriginal communities are being sent this notice to confirm if there is any interest in the two proposed projects:

- Alderville First Nation Reserve (including Sugar Island Indian Reserve No. 37A);
- Chippewas of Georgina Island First Nation (including Chippewas of Georgina Island First Nation Indian Reserve No. 33A);
- Curve Lake First Nation Indian Reserve No. 35 (including Curve Lake Indian Reserve No. 35A and Islands in the Trent Waters Indian Reserve No. 36A);
- Chippewas of Rama (including Mnjikaning First Nation Indian Reserve No. 32);
- Hiawatha First Nation; and
- Mississaugas of Scugog Island.

Invenenergy Canada has no specific information with regard to potential adverse effects the proposed projects may have on the constitutional and/or treaty rights of the above noted Aboriginal communities. Invenenergy Canada will communicate with Aboriginal communities to confirm potential interest in the projects.

REA Reports Summary

Invenergy Canada is in the process of completing the following technical reports which are required for the REA submission to the Ministry of the Environment:

- **Construction Plan Report** – This report will include a description of the following: construction activities; location and timing of the construction; potential negative effects that might be incurred during construction; and mitigation measures to be implemented to avoid/minimize the identified effects.
- **Natural Heritage Features Summary Report** – A description of the natural heritage features in the project area (birds, bats, vegetation, terrestrial and aquatic wildlife and habitats) and demonstration that required REA setbacks from natural features have been met.
- **Water Assessment Summary Report** – A summary of water features in the project area and demonstration that the required REA setbacks from water features have been met.
- **Design and Operations Report** – A description of the following: site plan of the project showing all project components and their locations; surface water supplies to be used, potential emissions and waste; an environmental effects monitoring plan; and response plan to communicate with affected parties.
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- **Noise Study Report** – A description of the noise modeling results to demonstrate that the renewable energy facility will meet MOE specified noise standards.

Once completed, Invenergy Canada would be pleased to provide the above noted reports to interested Aboriginal communities for their review and comments.

Request for Information

In response to this written request to your community, please provide information that should be considered in the planning of this project, in particular any information that your community may have regarding any potential adverse impacts on constitutionally protected Aboriginal or treaty rights and recommendations for measures to mitigate these adverse impacts.

Invenenergy Canada is pleased to continue communications with Aboriginal communities with respect to this renewable energy project and is available to meet with representatives of your community to present the proposed projects and results of the REA process, answer any questions, and learn about your interests and potential concerns.

If you have questions about the project or the attached documents, or would like to schedule a meeting, please do not hesitate to contact me directly at (905) 857-6936 x.21 or RRalph@invenenergyllc.com.

Sincerely,



Ryan Ralph
Development Manager
Invenenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

cc:

Don McKinnon, Dillon Consulting

attach:

Notice of Proposal and Public Meeting

June 16, 2010

Chief Donna Big Canoe
Chippewas of Georgina Island First Nation
Chippewas of Georgina Island First Nation Indian Reserve No. 33A
R.R. #2, P.O. Box N13
Sutton West, Ontario L0E 1R0

**RE: Notice of a Proposal to Engage in a Renewable Energy Project
Sandringham Solar Farm
Woodville Solar Farm**

Dear Chief and Council,

Invenenergy Solar Canada ULC ("Invenenergy Canada") is planning to develop two, 10 megawatt (MW) each, solar farms near the community of Woodville in the City of Kawartha Lakes in Ontario. This letter is being sent to nearby Aboriginal (First Nations and Métis) communities and organizations that Invenenergy Canada has identified as potentially having an interest in the above noted project. While we understand that the Ontario Ministry of the Environment (MOE) will be confirming the list of Aboriginal communities that should be notified of this project, Invenenergy Canada is taking the initiative to notify you in advance of receiving the list.

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P: (905) 857-6936 x.21
F: (905) 857-8948

cc:

Don McKinnon, Dillon Consulting

attach:

Notice of Proposal and Public Meeting

June 16, 2010

Chief Sharon Stinson Henry
Chippewas of Rama
Mnjikaning First Nation Indian Reserve No 32
5884 Rama Road, Suite 200
Rama, Ontario L0K 1T0

**RE: Notice of a Proposal to Engage in a Renewable Energy Project
Sandringham Solar Farm
Woodville Solar Farm**

Dear Chief and Council,

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The following Aboriginal communities are being sent this notice to confirm if there is any interest in the two proposed projects:

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- Chippewas of Georgina Island First Nation (including Chippewas of Georgina Island First Nation Indian Reserve No. 33A);
- Curve Lake First Nation Indian Reserve No. 35 (including Curve Lake Indian Reserve No. 35A and Islands in the Trent Waters Indian Reserve No. 36A);
- Chippewas of Rama (including Mnjikaning First Nation Indian Reserve No. 32);
- Hiawatha First Nation; and
- Mississaugas of Scugog Island.

Invenenergy Canada has no specific information with regard to potential adverse effects the proposed projects may have on the constitutional and/or treaty rights of the above noted Aboriginal communities. Invenenergy Canada will communicate with Aboriginal communities to confirm potential interest in the projects.

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Request for Information

In response to this written request to your community, please provide information that should be considered in the planning of this project, in particular any information that your community may have regarding any potential adverse impacts on constitutionally protected Aboriginal or treaty rights and recommendations for measures to mitigate these adverse impacts.

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If you have questions about the project or the attached documents, or would like to schedule a meeting, please do not hesitate to contact me directly at (905) 857-6936 x.21 or RRalph@invenenergyllc.com.

Sincerely,



Ryan Ralph
Development Manager
Invenenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

cc:

Don McKinnon, Dillon Consulting

attach:

Notice of Proposal and Public Meeting

June 16, 2010

Chief Keith Knott
Curve Lake First Nation Indian Reserve No. 35
Curve Lake Indian Reserve No. 35A
Islands in the Trent Waters Indian Reserve No. 36A
22 Winookeeda Road
Curve Lake, Ontario K0L 1R0

**RE: Notice of a Proposal to Engage in a Renewable Energy Project
Sandringham Solar Farm
Woodville Solar Farm**

Dear Chief and Council,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two, 10 megawatt (MW) each, solar farms near the community of Woodville in the City of Kawartha Lakes in Ontario. This letter is being sent to nearby Aboriginal (First Nations and Métis) communities and organizations that Invenergy Canada has identified as potentially having an interest in the above noted project. While we understand that the Ontario Ministry of the Environment (MOE) will be confirming the list of Aboriginal communities that should be notified of this project, Invenergy Canada is taking the initiative to notify you in advance of receiving the list.

The proposed Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road in Kawartha Lakes. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road in Kawartha Lakes. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres each. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 meters above the ground. For your information, enclosed is a map outlining the boundaries of the two proposed project areas.

Invenergy Canada has received contracts from the Ontario Power Authority ("OPA") for the purchase of electricity generated by photovoltaic solar panels from the proposed solar farms through the Province's Feed-in-Tariff (FIT) program. You may recognize this program as part of the *Green Energy and Green Economy Act* which was passed last year. As part of the FIT approval process, this project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval (REA)*, section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must complete before construction. As specified in the REA regulations (Section 17), a project proponent is required to:

- Notify Aboriginal communities of the proponent's intent to develop the project;
- Provide Aboriginal communities with a copy of the draft Project Description Report;
- Provide information regarding any adverse impacts that the project may have on constitutionally protected treaty rights;
- Notify Aboriginal communities of each of the REA Reports that are to be released; and
- Make a written request that the Aboriginal community provide in writing any information available to the community that, in its opinion, should be considered in preparing the REA Reports. In particular, any information the community may have about any adverse impacts the project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts is requested.

While Section 17 of the REA Regulations makes reference to the need to submit the above through a form that has been approved by the MOE, no such form is available at this time, and the information/request is being made through this letter.

The following items address the above noted requirements:

Intent to Develop a Project

This letter serves as the Notice of Intent to develop the proposed Sandringham and Woodville Solar Farms.

Project Description

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attach:

Notice of Proposal and Public Meeting

June 16, 2010

Chief Laurie Carr
Hiawatha First Nation
123 Paudash Street, R.R. #2
Keene, Ontario K0L 2G0

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cc:

Don McKinnon, Dillon Consulting

attach:

Notice of Proposal and Public Meeting

June 16, 2010

Chief Tracy Gauthier
Mississaugas of Scugog Island
22521 Island Road
Port Perry, Ontario L9L 1B6

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P: (905) 857-6936 x.21
F: (905) 857-8948

cc:

Don McKinnon, Dillon Consulting

attach:

Notice of Proposal and Public Meeting

Ralph, Ryan

From: Diane Sheridan <dm.sheridan@hotmail.com>
Sent: Tuesday, August 17, 2010 9:44 AM
To: Ralph, Ryan
Subject: consultation for solar farm

Ahni - Hi

We are very interested in visiting the site to witness the archaeological investigation. We are available this week Wednesday before 2:00, Thursday before 1:00 or Friday. Next week we are available Monday all day, Tuesday all day or Friday all day. We look forward to hearing from you in a timely manner so that we can arrange to be out of the office.

In the Spirit of Friendship,

Diane Sheridan

Hiawatha First Nation
Land Resource Worker

Ministry of the Environment

Environmental Assessment and
Approvals Branch

2 St. Clair Avenue West
Floor 12A
Toronto ON M4V 1L5
Tel.: 416 314-8001
Fax: 416 314-8452

Ministère de l'Environnement

Direction des évaluations et des
autorisations environnementales

2, avenue St. Clair Ouest
Étage 12A
Toronto ON M4V 1L5
Tél. : 416 314-8001
Téléc. : 416 314-8452



January 12, 2011

MOE File #: ER-10-WF-0108

Mr. Ryan Wolf
Invenergy Canada
12 King Street West
Bolton ON L7E 1C7

Dear Mr. Wolf:

RE: Director's Aboriginal Communities List - Woodville (A) and Sandringham (B) Solar Farm Project

The Ontario Ministry of the Environment (Ministry) has reviewed the information provided in the *Draft of the Project Description Report (PDR)* received for the *Woodville (A) and Sandringham (B) Solar Farm Project*. The Ministry has reviewed the anticipated environmental effects of the project (as described in the PDR) relative to its current understanding of the interests of aboriginal communities in the area.

In accordance with section 14 of Ontario Regulation 359/09 "Renewable Energy Approvals under Part V.0.1 of the Act" (O. Reg. 359/09) made under the *Environmental Protection Act*, please find below the list of aboriginal communities who, in the opinion of the Director:

- i) have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project (s.14(b)(i)):

Aboriginal Community Common Name: Reserve Name: Contact Information:
Mississaugas of Scugog Island First Nation Mississaugas of Scugog Island 22521 Island Road Port Perry ON L9L 1B6 Phone (905) 985-3337 Fax (905) 985-8828
Curve Lake First Nation Mississaugas of Mud Lake Curve Lake First Nation 35 and 35A General Delivery Curve Lake ON K0L 1R0 Phone (705) 657-8045 Fax (705) 657-8708

Hiawatha First Nation Mississaugas of Rice Lake Hiawatha First Nation 36 RR 2 Keene ON K0L 2G0 Phone (705) 295-4421 Fax (705) 295-4424
Alderville First Nation Mississaugas of Alderville Alderville First Nation PO Box 46 Roseneath ON K0K 2X0 Phone (905) 352-2011 Fax (905) 352-3242
Chippewas of Georgina Island Chippewas of Georgina Islands First Nation RR 2, PO Box 13 Sutton West ON L0E 1R0 Phone (705) 437-1337 Fax (705) 437-4597
Chippewas of Mnjikaning First Nation Chippewas of Rama Mnjikaning First Nation 32 5884 Rama Road, Suite 200 Rama ON L0K 1T0 Phone (705) 325-3611 Fax (705) 325-0879
Beausoleil Chippewas of Christian Island Christian Island 30 Genera Delivery Cedar Point ON L0K 1C0 Phone (705) 247-2051 Fax (705) 247-2239
Kawartha Nishnawbe Kawartha Nishnawbe First Nation PO Box 1432 Lakefield ON K0L 2H0

OR

ii) otherwise may be interested in any negative environmental effects of the project (s.14(b)(ii)):

Georgian Bay Métis Council Allan Vallee, President 355 Cranston Crescent PO Box 4 Midland ON L4R 4K6 Phone (705) 526-6335 Fax (705) 526-7537

Métis Nation of Ontario Consultation Unit 500 Old St. Patrick St, Unit 3 Ottawa ON K1N 9G4

NOTE: None of the foregoing should be taken to imply approval of this project or the contents of the PDR. This letter only addresses the requirement of the Director to provide a list of aboriginal communities to you as required pursuant to section 14 of O. Reg. 359/09. You should also be aware that information upon which the above list of aboriginal communities is based is subject to change. Aboriginal communities can make assertions at any time, and other developments, for example the discovery of Aboriginal archaeological resources, can occur that may require additional aboriginal communities to be notified. Should this happen, the Ministry will contact you. Similarly, if you receive any feedback from any aboriginal communities not included in this list, as part of your consultation, the Ministry would appreciate being notified.

Please contact Narren Santos at (416) 314-8442 should you have any questions or require additional information.

Sincerely,



Doris Dumais
Director – Approvals Program
Environmental Assessment and Approvals Branch

cc: Mansoor Mahmood, Renewable Energy Team, Ministry of the Environment
Joe de Laronde, Aboriginal Affairs Branch, Ministry of the Environment

Aboriginal Consultation - Contact List B

First Nations	Location	Chief	Address	City	Province	Postal Code	Phone Number	Fax Number	Email
Beausoleil Chippewas of Christian Island	Cedar Point		Christian Island 30 General Delivery	Cedar Point	Ontario	L0K 1C0	705-247-2051	705-247-2239	
Kawartha Nishnawbe First Nation	Lakefield		PO Box 1432	Lakefield	Ontario	K0L 2H0	705-654-4661		sprystone@sympatico.ca
Georgian Bay Metis Council	Midland	Allan Vallee, President	355 Cranston Crescent, PO Box 4	Midland	Ontario	L4R 4K6	705-526-6335	705-526-7537	
Matis Nation of Ontario	Ottawa		500 Old St. Patrick St, Unit 3	Ottawa	Ontario	K1N 9G4			

February 1, 2010

«Chief»
«First_Nations»
«Address»
«City», «Province» «Postal_Code»

**RE: Notice of a Proposal to Engage in a Renewable Energy Project
Notice of Draft Project Description Report
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Dear Chief and Council,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two, 10 megawatt (MW) each, solar farms near the community of Woodville in the City of Kawartha Lakes in Ontario. Invenergy Canada identified and notified several aboriginal communities of these two solar projects in June 2010. Follow-up calls have been made to ensure that these communities are aware of the projects. In January 2011, Invenergy then received from the Ontario Ministry of the Environment (MOE) the list of aboriginal communities that should be notified of these projects.

The «First_Nations» has been identified by the MOE as potentially having an interest in the projects. As such, Invenergy Canada would like to engage your community to identify any potential interest that you may have. We would be happy to set up a meeting with the chief and council and community members to discuss the project and any areas of interest.

The proposed Sandringham Solar Farm is proposed to be located east of Sandringham Road between Glenarm Road and Palestine Road in Kawartha Lakes. The Woodville Solar Farm is proposed to be located on the South side of Woodville Road and the west side of Cambray Road in Kawartha Lakes. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres each. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 meters above the ground. For your information, enclosed is a map outlining the boundaries of the two proposed projects.

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section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must complete before construction. As specified in the REA regulations (Section 17), a project proponent is required to:

- Notify Aboriginal communities of the proponent's intent to develop the project;
- Provide Aboriginal communities with a copy of the draft Project Description Report;
- Provide information regarding any adverse impacts that the project may have on constitutionally protected treaty rights;
- Notify Aboriginal communities of each of the REA Reports that are to be released; and
- Make a written request that the Aboriginal community provide in writing any information available to the community that, in its opinion, should be considered in preparing the REA Reports. In particular, any information the community may have about any adverse impacts the project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts is requested.

While Section 17 of the REA Regulations makes reference to the need to submit the above through a form that has been approved by the MOE, no such form is available at this time, and the information/request is being made through this letter.

The following items address the above noted requirements:

Intent to Develop a Project

This letter serves as the Notice of Intent to develop the proposed Sandringham and Woodville Solar Farms.

Project Description

This letter serves as a Notice of the draft Project Description Reports (PDR) for the Sandringham and Woodville Solar Farms, which is attached.

Information Regarding any Adverse Impacts on Aboriginal or Treaty Rights

The following Aboriginal communities have been/are being sent this notice to confirm if there is any interest in the two proposed projects:

- Alderville First Nation Reserve (including Sugar Island Indian Reserve No. 37A);
- Chippewas of Georgina Island First Nation (including Chippewas of Georgina Island First Nation Indian Reserve No. 33A);
- Curve Lake First Nation Indian Reserve No. 35 (including Curve Lake Indian Reserve No. 35A and Islands in the Trent Waters Indian Reserve No. 36A);
- Chippewas of Rama (including Mnjikaning First Nation Indian Reserve No. 32);
- Hiawatha First Nation;
- Mississaugas of Scugog Island;

- Beausoleil Chippawas of Christian Island
- Kawartha Nishnawbe First Nation
- Georgian Bay Métis Council
- Métis Nation of Ontario

Invenergy Canada has no specific information with regard to potential adverse effects the proposed projects may have on the constitutional and/or treaty rights of the above noted Aboriginal communities. Invenergy Canada will communicate with Aboriginal communities to confirm potential interest in the projects.

REA Reports Summary

Invenergy Canada is in the process of completing the following technical reports which are required for the REA submission to the Ministry of the Environment:

- **Construction Plan Report** – This report will include a description of the following: construction activities; location and timing of the construction; potential negative effects that might be incurred during construction; and mitigation measures to be implemented to avoid/minimize the identified effects.
- **Natural Heritage Features Summary Report** – A description of the natural heritage features in the project area (birds, bats, vegetation, terrestrial and aquatic wildlife and habitats) and demonstration that required REA setbacks from natural features have been met.
- **Water Assessment Summary Report** – A summary of water features in the project area and demonstration that the required REA setbacks from water features have been met.
- **Design and Operations Report** – A description of the following: site plan of the project showing all project components and their locations; surface water supplies to be used, potential emissions and waste; an environmental effects monitoring plan; and response plan to communicate with affected parties.
- **Consultation Report** – A summary of communication and consultation activities conducted to date with the public, government agencies and Aboriginal communities as well as a summary of the communication and consultation activities that are planned for the future under the REA process, including responses to concerns that are received.
- **Decommissioning Plan Report** – A description of the activities that are to be undertaken should the facility be decommissioned including: procedures to dismantle the facility; land restoration activities; and procedures for waste management.
- **Noise Study Report** – A description of the noise modeling results to demonstrate that the renewable energy facility will meet MOE specified noise standards.

Once completed, Invenergy Canada would be pleased to provide summaries of the above noted reports to interested Aboriginal communities for their review and comments.

Request for Information

In response to this written request to your community, please provide information that should be considered in the planning of this project, in particular any information that your community may have regarding any potential adverse impacts on constitutionally protected Aboriginal or treaty rights and recommendations for measures to mitigate these adverse impacts.

Invenergy Canada is pleased to continue communications with Aboriginal communities with respect to this renewable energy project and is available to meet with representatives of your community to present the proposed projects and results of the REA process, answer any questions, and learn about your interests and potential concerns.

If you have questions about the project or the attached documents, or would like to schedule a meeting, please do not hesitate to contact me directly at (905) 857-6936 x.21 or RRalph@inveneryllc.com.

Sincerely,



Ryan Ralph
Development Manager
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@inveneryllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

cc:

Don McKinnon, Dillon Consulting

attach:

Notice of Proposal and Public Meeting

Aboriginal Consultation - Contact List C

First Nations	Location	Chief	Address	City	Province	Postal Code	Phone Number	Fax Number	Email
Alderville First Nations Reserve, Sugar Island Indian Reserve No. 37A	Roseneath	Chief James R. Marsden	11696 Second Line, P.O. Box 46	Roseneath	Ontario	K0K 2X0	905-352-2011	905-352-3242	jbmarsden@eagle.ca
Chippewas of Georgina Island First Nation, Chippewas of Georgina Island First Nation Indian Reserve No. 33A	Sutton West	Chief Donna Big Canoe	R.R. #2, P.O. Box N13	Sutton West	Ontario	L0E 1R0	705-437-1337	705-437-4597	dbigcanoe@georginaisland.com
Chippewas of Rama, Mnjikaning First Nation Indian Reserve No 32	Rama	Chief Sharon Stinson Henry	5884 Rama Road, Suite 200	Rama	Ontario	L0K 1T0	705-325-3611	705-325-0879	chief@ramafirstnation.ca
Curve Lake First Nation Indian Reserve No. 35, Curve Lake Indian Reserve No. 35A, Islands in the Trent Waters Indian Reserve No. 36A	Curve Lake	Chief Keith Knott	22 Winookeeda Road	Curve Lake	Ontario	K0L 1R0	705-657-8045	705-657-8708	chief@curvelakefn.com
Hiawatha First Nation	Keene	Chief Laurie Carr	123 Paudash Street, R.R. #2	Keene	Ontario	K0L 2G0	705-295-4421	705-295-4424	lcarr@hiawathafn.ca
Mississaugas of Scugog Island	Port Perry	Chief Tracy Gauthier	22521 Island Road	Port Perry	Ontario	L9L 1B6	905-985-3337	905-985-8828	tgauthier@scugogfirstnation.com
Beausoleil Chippewas of Christian Island	Cedar Point		Christian Island 30 General Delivery	Cedar Point	Ontario	L0K 1C0	705-247-2051	705-247-2239	
Kawartha Nishnawbe First Nation	Lakefield		PO Box 1432	Lakefield	Ontario	K0L 2H0	705-654-4661		spristone@sympatico.ca
Georgian Bay Metis Council	Midland	Allan Vallee, President	355 Cranston Crescent, PO Box 4	Midland	Ontario	L4R 4K6	705-526-6335	705-526-7537	
Matis Nation of Ontario	Ottawa		500 Old St. Patrick St, Unit 3	Ottawa	Ontario	K1N 9G4			

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Thursday, April 14, 2011 2:36 PM
To: Ralph, Ryan
Cc: David Dusome; Frank Dusome; Moon River Council; Pauline Saulnier; peterc1908@hotmail.com
Subject: Solar Projects

Ryan:
The Georgian Bay Traditional Territory Consultation Committee (the "Committee") has received notice from the Ministry of Environment on two of Invenergy Canada solar project that are in our Traditional Territory.
The Committee is interested in meeting with Invenergy Canada on these projects and any other projects that may the company may be undertaking.
I left a brief voicemail with you yesterday requesting you contact me.

Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
PH: 705-526-6335
FAX: 705-526-7537

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Tuesday, May 03, 2011 4:30 PM
To: Ralph, Ryan
Cc: David Dusome; Frank Dusome; Moon River Council; Pauline Saulnier; peterc1908@hotmail.com
Subject: RE: Solar Projects

Ryan;
I am currently booking meetings in June for the Committee. Could you indicate some dates that you may be available to meet.
Thank you
Alden

From: Ralph, Ryan [mailto:RRalph@invenergyllc.com]
Sent: Wednesday, April 27, 2011 10:17 AM
To: Alden Barty
Cc: David Dusome; Frank Dusome; Moon River Council; Pauline Saulnier; peterc1908@hotmail.com
Subject: RE: Solar Projects

Alden,

I have received your voice mail and email regarding our Sandringham and Woodville Solar Farm projects located in the City of Kawartha Lakes. Currently both projects are undergoing natural heritage clearances from the MNR as we work toward our Renewable Energy Approval draft application document. We expect said draft applications will be available for public, agency and Aboriginal communities review by the end of May. Invenergy is committed to Informing and consulting with all interested members of the public, Aboriginal communities and agencies. We are willing to discuss with the Metis Nation of Ontario their interest in our projects via meeting or conference call at the Committee's convenience.

Please let me know what works for the Committee and we can schedule.

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com

****Please note new office effective April 14, 2011****

120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Wednesday, May 04, 2011 10:28 AM
To: Ralph, Ryan
Subject: RE: Solar Projects

Ryan:
The Committee meets in Midland Ont. at the Georgian Bay Metis Council office located @ 355 Cranston Crescent.
Alden

From: Ralph, Ryan [mailto:RRalph@invenenergyllc.com]
Sent: Wednesday, May 04, 2011 10:24 AM
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Alden,

Where would meeting with Committee take place? (ie. Ottawa or Midland locations?)

-Ryan

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Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
PH: 705-526-6335
FAX: 705-526-7537

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I left a brief voicemail with you yesterday requesting you contact me.

Alden Barty
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Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent

Midland, Ontario
L4R-4K6
PH: 705-526-6335
FAX: 705-526-7537

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Friday, May 20, 2011 2:48 PM
To: Ralph, Ryan
Subject: RE: Solar Projects

Ryan:

I will get back to as soon as possible. Have a safe and great long weekend.

Alden

From: Ralph, Ryan [mailto:RRalph@inveneryllc.com]
Sent: Friday, May 20, 2011 2:39 PM
To: Alden Barty
Subject: RE: Solar Projects

Alden, Does Thursday June 23rd work? Joel will be flying in from our Chicago office and Fridays are not a good travel day for him.

Regards,

Ryan Ralph
Invenery Canada
rralph@inveneryllc.com

****Please note new office effective April 14, 2011****

120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

From: Alden Barty [mailto:AldenB@metisnation.org]
Sent: Friday, May 20, 2011 1:35 PM
To: Ralph, Ryan
Subject: RE: Solar Projects

Ryan:

Unfortunately, the week of June 13th will not work for the Committee. The week of June 6th or after June 21st (Aboriginal Day) are available. Friday June 10th or June 24th are the preferred choice.

Alden

From: Ralph, Ryan [mailto:RRalph@inveneryllc.com]
Sent: Friday, May 20, 2011 11:28 AM
To: Alden Barty
Cc: Schroeder, Joel
Subject: RE: Solar Projects

Hi Alden,

Would the committee be available to meet with myself and Joel Schroeder (Director for Invenergy's solar program) week of June 13th? More specifically Tuesday afternoon, Wednesday or Thursday morning?

Thanks,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com

****Please note new office effective April 14, 2011****

120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

From: Alden Barty [mailto:AldenB@metisnation.org]
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Cc: David Dusome; Frank Dusome; Moon River Council; Pauline Saulnier; peterc1908@hotmail.com
Subject: RE: Solar Projects

Ryan;
I am currently booking meetings in June for the Committee. Could you indicate some dates that you may be available to meet.
Thank you
Alden

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Friday, May 27, 2011 9:10 AM
To: Ralph, Ryan
Subject: Draft Meeting Budget
Attachments: Copy of Draft budget for INVENERGY CANADA.xls

Ryan:

Please find attached a draft meeting budget. Once Invenergy has approved the budget I will confirm the meeting date of Thursday June 23, 2011 with the Committee.

If you have any questions, please contact me at your convenience.

Best regards,

Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
aldenb@metisnation.org
PH: 705-526-6335
FAX: 705-526-7537

Meeting Costs Estimate
Invenergy Canada
Midland, Ont. Tuesday June 23 , 2011 10:00 AM

	Consultation Committee	Position	Council	Per Diem	Mileage	Accom.	Meals	Flight	Taxi	Sub-Totals
1	Pauline Saulnier	Chair	Region 7	\$150.00	\$ 9.60	\$0.00	\$20.30	\$0.00	\$0.00	\$179.90
2	Dave Dusome	Treasurer	Georgain Bay Metis Council	\$150.00	\$ 12.48	\$0.00	\$20.30	\$0.00	\$0.00	\$182.78
3	Louise Goulding	Captain of the Hunt	Region 7	\$150.00	\$ 63.36		\$20.30		\$250.00	\$483.66
4	Larry Duval	President	Moon River Metis Council	\$150.00	\$ 62.50	\$0.00	\$20.30	\$0.00	\$0.00	\$232.80
5	Peter Couture	President	Great Lakes Metis Council	\$150.00	\$ 120.00		\$20.30			\$290.30
	Staff	Title	Branch							
6	Alden Barty	Consultation Coordinator	LRC Branch MNO							
	Fees									
8	GBMC Boardroom Rental and Refreshments									
									\$125.00	\$125.00
									TOTAL:	\$1,494.44

MNO Travel Expense Policy

Mileage = .48 cents/km

Daily Meal Allowance (total) **\$47.90**

Breakfast \$10.00

Lunch \$10.30

Dinner \$27.60

Incidentals \$10.00

Attention:

Invenergy Canada

c/o Ryan Ralph

120 Front Street East

Suite 201

Toronto, Ont.

M5A-4L9

Note: Taxi is in reference to Water Taxi from Moon Island (Georgian Bay) to Mactier Ont.

Mailing Addresses for GBTTC Members

Dave Dusome
61 Copeland Creek Drive
Penetanguishene, Ont
L9M-2H7

Larry Duval
7678 McNiece Crescent
Washago Ontario
L0K-2B0

Peter Couture
575 28th Street West
Owen Sound, Ontario
N4K-5X9

Alden Barty
379 Irwin St.
Midland, Ont
L4R-2V6

Louise Goulding
P.O. Box 29
MacTier, Ont.
P0C-1H0

Pauline Saulnier
4 Richelieu St.
Penetanguishene, Ontario
L9M-1H8

Georgian Bay Metis Council
355 Cranston Crescent
Midland, Ont
L4R-4K6

From: Ralph, Ryan [mailto:RRalph@invenergyllc.com]
Sent: Monday, June 06, 2011 4:05 PM
To: Alden Barty
Subject: RE: Draft Meeting Budget

Hi Alden,

We would like to confirm the date of Thursday June 23rd for our meeting with MNO. We approve the meeting budget as well. Please advise what time the meeting would start.

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

From: Alden Barty [mailto:AldenB@metisnation.org]
Sent: Friday, May 27, 2011 8:10 AM
To: Ralph, Ryan
Subject: Draft Meeting Budget

Ryan:
Please find attached a draft meeting budget. Once Invenergy has approved the budget I will confirm the meeting date of Thursday June 23, 2011 with the Committee.
If you have any questions, please contact me at your convenience.
Best regards,

Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
aldenb@metisnation.org
PH: 705-526-6335
FAX: 705-526-7537

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Wednesday, June 08, 2011 11:05 AM
To: Ralph, Ryan
Cc: David Dusome; Louise Goulding; Moon River Council; Pauline Saulnier; peterc1908@hotmail.com
Subject: RE: Draft Meeting Budget
Attachments: Agenda for meeting with Invenergy Canada June 23, 2011.doc

Ryan:

Thank you for getting back to me. Attached is the agenda for the meeting and the direction is the mailing address for the Georgian Bay Metis Council on the budget.

If you any other questions, please contact me at your convenience.

Alden

From: Ralph, Ryan [mailto:RRalph@invenergyllc.com]
Sent: Monday, June 06, 2011 4:05 PM
To: Alden Barty
Subject: RE: Draft Meeting Budget

Hi Alden,

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Regards,

Ryan Ralph
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rralph@invenergyllc.com
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From: Alden Barty [mailto:AldenB@metisnation.org]
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If you have any questions, please contact me at your convenience.

Best regards,

Alden Barty

Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
aldenb@metisnation.org
PH: 705-526-6335
FAX: 705-526-7537

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Thursday, June 09, 2011 1:03 PM
To: Ralph, Ryan
Subject: RE: Draft Meeting Budget

Ryan:

To answer your question. Each member of the Consultation Committee will invoice Invenergy directly for their expenses as indicated in the budget.

Normally that means me. I will create the invoice and email to you, along with CC'ing the committee member so they have a copy for their records.

Hope this helps.

Alden

From: Ralph, Ryan [mailto:RRalph@invenergyllc.com]
Sent: Thursday, June 09, 2011 12:16 PM
To: Alden Barty
Subject: RE: Draft Meeting Budget

Thanks Alden,

Looks good. With regards to the meeting budget, how does payment for that work. Does MNO invoice Invenergy?

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

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Sent: Wednesday, June 08, 2011 11:05 AM
To: Ralph, Ryan
Cc: David Dusome; Louise Goulding; Moon River Council; Pauline Saulnier; peterc1908@hotmail.com
Subject: RE: Draft Meeting Budget

Ryan:

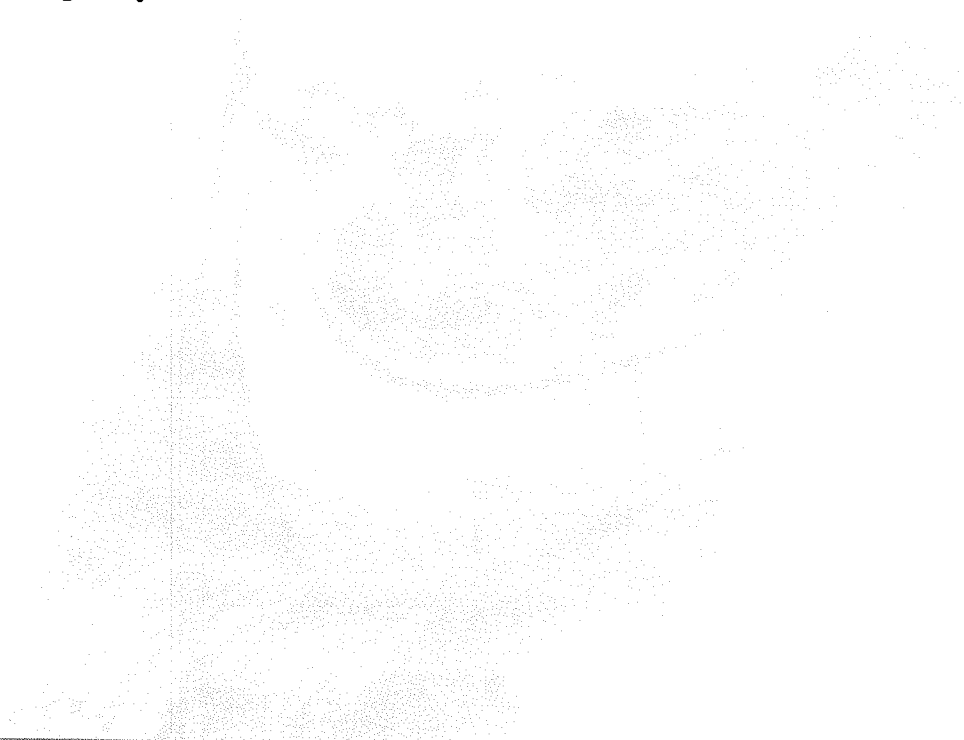
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Alden

Agenda for meeting with
Invenergy Canada
Thursday May 23, 2011
11:00 AM
Midland, Ontario
Georgian Bay Métis Council
Boardroom

1. Opening Prayer
2. Introductions
3. LRC Branch presentation of Metis 101
4. Presentation on Local Metis History Committee Members
5. Presentation by Invenergy Canada
6. Open question and answer period
7. Closing Prayer



Meeting with Metis Nation of Ontario

RE: Sandringham & Woodville Solar Projects, Kawartha Lakes, Ontario

Thursday, June 23rd, 2011

11:00am-1:00pm

355 Cranston Crescent,
Midland, Ontario

Meeting called by: Ryan Ralph & Alden Barty

Type of meeting: Information-sharing – Solar Projects

Chair: Pauline Saulnier

Attendees: Alden Barty, Consultation Assessment Coordinator, MNO
Dave Dusome, Treasurer, Georgian Bay Métis Council
Pauline Saulnier, Region 7 Councillor and Chair GBTHT Consultation Committee
Larry Duval, President, Moon River Métis Council
Peter Coture, President, Great Lakes Métis Council
Louise Golding, Captain of the Hunt, Georgian Bay Traditional Harvest Territory
Ryan Ralph, Development Manager, Invenergy Canada
Joel Schroeder, Director, Invenergy Canada
Bob Waldon, Bedford Consulting & Associates

Agenda: See enclosed

Minutes

Agenda item: Metis 101 Presentation

Presenter: Alden Barty

Discussion:

- History of Métis Nation of Ontario
- Organizational\Regional\Harvest Territory Structure
- Powley Case
- History of Georgian Bay area Métis peoples and communities
- Description of Consultation Process
- Past project consultations and results

Action items

Person responsible

Deadline

✓

✓

Agenda item: Sandringham & Woodville Solar projects overview

Presenter: Joel Schroeder

Discussion:

- Invenergy Introduction
- Woodville Solar Farm – Natural Heritage Report Summary
- Woodville Solar Farm – Cultural Heritage Report Summary
- Woodville Solar Farm – Archeology Summary
- Sandringham Solar Farm – Natural Heritage Report Summary
- Sandringham Solar Farm – Cultural Heritage Report Summary

- Sandringham Solar Farm – Archaeology Summary
- Both Projects – Maps\Figures Summary
- Description of REA process and Project Status'
- Discussion on site mapping
 - "Significance" – western science vs. Aboriginal perspectives
 - The mapped animal movement corridors are actually agricultural hedgerows
 - How many buildings on site? One 4,000 ft² building at Woodville. No building planned at Sandringham
 - Do deer use the site now?
 - No woodlands to be cleared, but some hedgerow removal
 - Do solar panels generate enough heat to affect immediate environment? Not anticipated.
 - Any significant woodland or wetland at either project will not be physically affected by the project layout, although some are within the 120 metre set back. Dillon will address this in the natural Heritage report.
- Materials tabled:
 - Invenergy Solar Canada Projects Overview June 23, 2011
 - Woodville:
 - Figure 1 Context Map
 - Figure 2 Project Location
 - Figure 5 Ecological Land Classification
 - Figure 6 Evaluation of Significance Map
 - Figure 7 Site Investigation Map
 - Sandringham
 - Figure 1 General Location Map
 - Figure 2 Project Location
 - Figure 3 Evaluation of Significance Map
 - Figure 4, Shrubland Habitat Restoration and Enhancement Plan
 - Figure 5, Water Assessment Ecological Land Classification Map

Action items	Person responsible	Deadline
✓ Dillon to confirm if there are deer routes (i.e. associated with the mapped deer wintering area) across the Woodville site	RR	
✓ Dillon to confirm the size of the mapped significant woodlots north and east of Woodville site	RR	
✓ Draft REA package to be delivered to MNO week of July 8th	JS & RR	
✓ MNO to provide notes\comments from this meeting	AB	
✓ Ryan Ralph to provide MNO with correct billing address	RR	
✓ Alden Barty to send Invoices for meeting to Ryan Ralph	AB	

Other Information

Observers:

Resources:

Special notes:

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Monday, June 27, 2011 10:54 AM
To: Ralph, Ryan
Cc: Moon River Council
Subject: Invoice for June 23, 2011 meeting
Attachments: Invoice for Larry Duval (Invenergy Canada).xls

Ryan:
Same as before.

Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
aldenb@metisnation.org
PH: 705-526-6335 ext 210
FAX: 705-526-7537

Ralph, Ryan

From: Ralph, Ryan
Sent: Wednesday, July 13, 2011 10:44 AM
To: Alden Barty (AldenB@metisnation.org)
Cc: Schroeder, Joel
Subject: MNO - Invenergy Meeting, June 23, 2011 - Minutes\Follow-up
Attachments: 2011-06-23 Invenergy_MNO Meeting Notes.pdf

Hi Alden,

As follow up to our meeting June 23rd, I have drafted and attached minutes from the meeting for the committees' records. As an FYI, I have submitted all meeting invoices I have received to date and they are currently being processed for payment. Below are answers to a couple of questions that came up during the meeting, which we promised to get back to you about.

1. **Woodville Solar Site Animal Movement Corridors & Deer Wintering Areas** : In discussion with Invenergy's consultant Biologist (Dillon Consulting), who conducted the field studies on our Woodville Solar Site, he confirmed that although our construction activities on the project property would remove some hedgerow tree lines (aka. Animal Movement Corridor) our project will not affect Deer movement to and from these offsite Deer Wintering Areas as the site was not identified as having any ecological corridor/linkage function.
2. **Area of Woodlots on adjacent properties**: The question arose on the exact size of the woodlot located on the North side of Woodville road, across the street from our project property and the size of the Woodlot located on the east side of Cambray Rd. near the gravel pit across the street from our project property. I have confirmed the Woodlot to the North is 11.8 acres in area and the Woodlot to the East is 10.2 acres in area.

Please let me know if you have any further questions.

Thanks,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Monday, June 27, 2011 10:53 AM
To: Ralph, Ryan
Cc: David Dusome
Subject: Invoice for June 23, 2011 meeting
Attachments: Invoice for Dave Dusome (Invenergy Canada).xls

Ryan:

If you any problems with any of the attachments, please let me know.

Thanks

Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
aldenb@metisnation.org
PH: 705-526-6335 ext 210
FAX: 705-526-7537

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Monday, June 27, 2011 10:55 AM
To: Ralph, Ryan
Cc: Pauline Saulnier
Subject: Invoice for June 23, 2011 Meeting
Attachments: Invoice for Pauline Saulnier (Invenergy Canada).xls

Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
aldenb@metisnation.org
PH: 705-526-6335 ext 210
FAX: 705-526-7537



HIAWATHA FIRST NATION
123 Paudash Street
Hiawatha On. K0L2G0

Chief:	Sandra Moore
Councillor:	Jill Smith
Councillor:	Duane Cowie
Councillor:	Lorne Paudash
Councillor:	Donald Paudash

Date: June 20, 2011:

Invenergy :

Dear Ryan:

Thank you for the information sent to Hiawatha First Nation regarding "Woodville Solar Farm" which is being proposed within Hiawatha First Nations' Traditional and Treaty Territories. Hiawatha First Nation appreciates the fact that Invenergy recognizes the importance of First Nations Consultation and that your office is conforming to the requirements within the Duty to Consult Process. In light of this please be advised that this correspondence does not meet the requirements of meaningful consultation.

As per the Hiawatha First Nation Consultation Protocol, your proposed project is deemed, having minimal potential to impact Hiawatha First Nations' rights at this time, however, please keep us apprised of any updates, archaeological findings, and/ or of any environmental impacts, should any occur. We reserve the right to comment later, if something further along in the process is deemed to be a potential impact.

If there are any further archaeological assessments we, The Williams Treaty First Nations, have archaeological liaisons, from our communities, trained and we would like one present at the sites.

We can be contacted at the mailing address above or electronically via email, at the email address below.

In good faith and respect,

Lori Ritter and Diane Sheridan
Land Resource Workers
Hiawatha First Nation

hfnconsultation@nexicom.net
Tele: (705) 295 4421
Fax: (705) 295-7144

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Monday, June 27, 2011 10:54 AM
To: Ralph, Ryan
Cc: Louise Goulding
Subject: Invoice for June 23, 2011 meeting
Attachments: Invoice for Louise Goulding (Invenergy Canada).xls

Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
aldenb@metisnation.org
PH: 705-526-6335 ext 210
FAX: 705-526-7537

Ralph, Ryan

From: Alden Barty <AldenB@metisnation.org>
Sent: Monday, June 27, 2011 1:33 PM
To: Ralph, Ryan
Cc: Peter Coture
Subject: Invoice for June 23, 2011 meeting
Attachments: Invoice for Peter Coture (Invenergy Canada).xls

Ryan:

I noticed a typo a Peter's invoices, I did not include his apartment number.
Sorry for any inconvenience.

Alden Barty
Consultation Assessment Coordinator
Lands, Resources and Consultation
Metis Nation of Ontario
355 Cranston Crescent
Midland, Ontario
L4R-4K6
aldenb@metisnation.org
PH: 705-526-6335 ext 210
FAX: 705-526-7537



Chippewas of RAMA
First Nation

5884 Rama Road, Suite 200

Rama, Ontario L0K 1T0

T 705.325.3611 F 705.325.0879

A Proud Progressive First Nation Community

July 13, 2010

Invenenergy Solar Canada ULC
12 King Street West
Bolton, ON L7E 1C7

Attention: Ryan Ralph, Development Manager

Re: Notice of a Proposal to Engage in a Renewable Energy Project
Sandringham Solar Farm
Woodville Solar Farm

Dear Mr. Ralph:

As a member of the Williams Treaties First Nations, Rama First Nation acknowledges receipt of your letter of June 16, 2010, which was received on June 18, 2010.

A copy of your letter has been forwarded to Karry Sandy-McKenzie, Barrister & Solicitor, Coordinator for Williams Treaties First Nations for further review and response directly to you. Ms. Sandy's address is 8 Creswick Court, Barrie, ON L4M 2J7, or by e-mail at k.a.sandy-mckenzie@rogers.com and her telephone number is (705) 792-5087.

We appreciate your taking the time to share this important information with us.

Sincerely,

Chief Sharon Stinson Henry

c: Council, Rama First Nation
Jeff Hewitt, General Counsel
Karry Sandy-McKenzie, Coordinator Williams Treaties First Nations
Chief Rodney Monague Jr., Portfolio Chief for Williams Treaties First Nations

SSH/sw

Ralph, Ryan

From: Ralph, Ryan
Sent: Monday, August 15, 2011 1:35 PM
To: 'spritstone@sympatico.ca'
Cc: Giancola, Justine (JGiancola@dillon.ca)
Subject: Draft REA document package - Sandringham Solar Farm

Good Afternoon,

As per my voicemail, Invenergy Solar Canada had sent the Draft REA document package for the Sandringham Solar Farm to Kawartha Nishnawbe First Nation the last week of July. I am writing to inform you that Purolator has advised us that this package is still awaiting pickup at the post office. If you could please confirm that someone from Kawartha Nishnawbe FN will be picking up document package it would be appreciated.

For any other questions or concerns regarding our solar projects, please call me at the number below, or on my cell phone : 905-484-5589.

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

Ralph, Ryan

From: Ralph, Ryan
Sent: Friday, August 19, 2011 10:07 AM
To: 'spiritstone@sympatico.ca'
Subject: Draft REA document package - Sandringham Solar Farm

Good Morning,

As per my voicemail, Invenenergy Solar Canada had sent the Draft REA document package for the Sandringham Solar Farm to Kawartha Nishnawbe First Nation the last week of July. I am writing to inform you that Purolator has advised us that this package is still awaiting pickup at the post office. If you could please confirm that someone from Kawartha Nishnawbe FN will be picking up document package it would be appreciated.

For any other questions or concerns regarding our solar projects, please call me at the number below, or on my cell phone : 905-484-5589.

Regards,

Ryan Ralph
Invenenergy Canada
rralph@invenenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

INVOICE

Pauline Saulnier
4 Richelieu Street
Penetanguishene, Ontario
L9M-1H8

DATE: October 7, 2011
INVOICE # 103
FOR: *Meeting with
Invenergy Canada*

Bill To:
Invenergy Solar Canada ULC
c/o Ryan Ralph
120 Front Street East
Suite 201
Toronto, Ont
M5A-4L9

DESCRIPTION	AMOUNT
Consultation Meeting with Invenergy Canada Georgian Bay Traditional Territory Consultation Committee	\$ 179.90
TOTAL	\$ 179.90

INVOICE

Peter Coture
575 28th Street West
Apt #
Owen Sound, Ont. N4K-5X9

DATE: October 7, 2011
INVOICE # 103
FOR: *Meeting with
Invenergy Canada*

Bill To:
Invenergy Solar Canada ULC
c/o Ryan Ralph
120 Front Street East
Suite 201
Toronto, Ont
M5A-4L9

DESCRIPTION	AMOUNT
Consultation Meeting with Invenergy Canada Georgian Bay Traditional Territory Consultation Committee	\$ 290.30
TOTAL	\$ 290.30

INVOICE

Louise Goulding
PO. Box 29
MacTier, Ontario
P0C-1H0

DATE: October 7, 2011
INVOICE # 103
FOR: *Meeting with
Invenergy Canada*

Bill To:
Invenergy Solar Canada ULC
c/o Ryan Ralph
120 Front Street East
Suite 201
Toronto, Ont
M5A-4L9

DESCRIPTION	AMOUNT
Consultation Meeting with Invenergy Canada Georgian Bay Traditional Territory Consultation Committee	\$ 483.66
TOTAL	\$ 483.66

INVOICE

Larry Duval
7678 McNiece Crescent
Washago, Ontario
L0K-2B0

DATE: October 7, 2011
INVOICE # 103
FOR: *Meeting with
Invenergy Canada*

Bill To:
Invenergy Solar Canada ULC
c/o Ryan Ralph
120 Front Street East
Suite 201
Toronto, Ont
M5A-4L9

DESCRIPTION		AMOUNT
Consultation Meeting with Invenergy Canada		\$ 232.80
Georgian Bay Traditional Territory Consultation Committee		
TOTAL		\$ 232.80

INVOICE

Dave Dusome
61 Copeland Creek Drive
Penetanguishene, Ontario
L9M-2H7

DATE: October 7, 2011
INVOICE # 104
FOR: *Meeting with
Invenergy Canada*

Bill To:
Invenergy Solar Canada ULC
c/o Ryan Ralph
120 Front Street East
Suite 201
Toronto, Ont.
M5A-4L9

DESCRIPTION	AMOUNT
Consultation Meeting with Invenergy Canada Georgain Bay Traditional Territory Consultation Committee	\$ 182.78
TOTAL	\$ 182.78

Results of the cultural heritage assessment of the proposed Woodville solar farm are:

- There are no built features identified on the property with heritage value or interest, and
- There are no cultural heritage landscapes that will be severely impacted by the development of a solar farm on the subject property;
- Only two of the five built features in proximity to the subject area exhibit cultural heritage values or interest (based on limited observations only – no permission to access); and these have landscape screening which totally obscure the project area.

There are no mitigation recommendations for the study property given the above results.

July 9th, 2010

Chief Donna Big Canoe
Chippewas of Georgina Island First Nation
Chippewas of Georgina Island First Nation Indian Reserve No. 33A
R.R.#2, P.O. Box N13
Sutton West, Ontario L0E 1R0

**RE: Release of Draft Project Description Report
Sandringham Solar Farm and Woodville Solar Farm, in the City
of Kawartha Lakes**

Dear Chief and Council,

Further, to our letter, dated June 16, 2010, Notice of Proposal to Engage in a Renewable Energy Project attached you will find the Draft Project Description Report. Invenergy Solar Canada LLC ('Invenergy Canada') proposes to develop two 10 megawatt (MW) solar farms near the community of Woodville, in the City of Kawartha Lakes. The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the south side of Woodville Road and the west side of Cambray Road. This letter is being sent to nearby Aboriginal communities and organizations that Invenergy Canada has identified as potentially having an interest in the above noted project. While we understand that the Ontario Ministry of the Environment (MOE) will be confirming the list of Aboriginal communities that should be notified of this project, Invenergy Canada is taking the initiative to notify you in advance of receiving the list.

Request for Information

As noted in the June 16, 2010 letter, Invenergy Canada is making a written request to your community for information that should be considered in the planning of this project, in particular any information that your community may have regarding any potential adverse impacts of the project on constitutionally protected Aboriginal or treaty rights and recommendations for measures to mitigate these adverse impacts.

Invenergy Canada is pleased to continue communications with Aboriginal communities with respect to this renewable energy project and is available to meet with a representative of your community or organization to present the project and results of the REA process as well as to learn about your interests and potential concerns. If you have questions about the project or the attached documents, or would like to set up a meeting, please do not

hesitate to contact me directly at (905) 857-6936 X 21 or via e-mail at RRalph@invenergyllc.com.

Yours very truly,

Invenergy Canada

A handwritten signature in black ink, appearing to read "R. Ralph". The signature is fluid and cursive, with the first name "R." and the last name "Ralph" clearly distinguishable.

Ryan Ralph

Development Manager
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Cc:

Don McKinnon, REA Project Manager, Dillon Consulting Limited

Attach:

Draft Project Description Report

July 9th, 2010

Chief Keith Knott
Curve Lake First Nation Indian Reserve No. 35
Curve Lake Indian Reserve No. 35A
Islands in the Trent Waters Indian Reserve No. 36A
22 Winookeeda Road
Curve Lake, ON K0L 1R0

**RE: Release of Draft Project Description Report
Sandringham Solar Farm and Woodville Solar Farm, in the City
of Kawartha Lakes**

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Yours very truly,

Invenergy Canada

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Ryan Ralph

Development Manager
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Cc:

Don McKinnon, REA Project Manager, Dillon Consulting Limited

Attach:

Draft Project Description Report

July 9th, 2010

Chief Laurie Carr
Hiawatha First Nation
123 Paudash Street, R.R. #2
Keene, ON K0L 2G0

**RE: Release of Draft Project Description Report
Sandringham Solar Farm and Woodville Solar Farm, in the City
of Kawartha Lakes**

Dear Chief and Council,

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Ryan Ralph
Development Manager
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Cc:
Don McKinnon, REA Project Manager, Dillon Consulting Limited

Attach:
Draft Project Description Report

July 9th, 2010

Chief Sharon Stinson Henry
Chippewas of Rama
Mnjikaning First Nation Indian Reserve No 32
5884 Rama Road, Suite 200
Rama, Ontario L0K 1T0

**RE: Release of Draft Project Description Report
Sandringham Solar Farm and Woodville Solar Farm, in the City
of Kawartha Lakes**

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Yours very truly,

Invenergy Canada

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Ryan Ralph
Development Manager
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Cc:
Don McKinnon, REA Project Manager, Dillon Consulting Limited

Attach:
Draft Project Description Report

July 9th, 2010

Chief Tracy Gauthier
Mississaugas of Scugog Island
22521 Island Road
Port Perry, ON L9L 1B6

**RE: Release of Draft Project Description Report
Sandringham Solar Farm and Woodville Solar Farm, in the City
of Kawartha Lakes**

Dear Chief and Council,

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hesitate to contact me directly at (905) 857-6936 X 21 or via e-mail at RRalph@invenergyllc.com.

Yours very truly,

Invenergy Canada

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Ryan Ralph
Development Manager
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Cc:
Don McKinnon, REA Project Manager, Dillon Consulting Limited

Attach:
Draft Project Description Report



June 27, 2011

Sent Via Purolator Courier

Chief James R. Marsden
Alderville First Nations Reserve
Sugar Island Indian Reserve No. 37A
11696 Second Line, P.O. Box 46
Roseneath, Ontario K0K 2X0

**RE: Notice of a Draft REA Document Release and Second Public Meeting
Woodville Solar Farm**

Dear Chief and Council,

As you are aware, Invenergy Canada is planning to engage in a renewable energy project which will require the issuance of Renewable Energy Approvals (REA) by the Ministry of Environment. The proposed solar farm would be located near the community of Woodville in the City of Kawartha Lakes (see map below). Invenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this project through the Province's Feed-in-Tariff (FIT) program. The distribution of this notice as well as the project itself, are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and *Ontario Regulation 359/09* (Regulation). The REA replaces approvals formerly required under the *Environmental Assessment Act*, *Planning Act*, and *Environmental Protection Act*. This notice is being distributed in accordance with sections 15 & 16 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

Invenergy Canada identified and notified several aboriginal communities of these two solar projects in June 2010. Follow-up calls have been made to ensure that these communities are aware of the projects. In January 2011, Invenergy then received from the Ontario Ministry of the Environment (MOE) the list of aboriginal communities that should be notified of these projects. These aboriginal communities were contacted by Invenergy Canada in January 2011.

The second public meeting will be held on September 7, 2011 from 5:00-8:00 p.m. at the Fenelon Town Community Centre (2255 Elm Tree Road, Cambray, Ontario K0M 1E0). The attached notice provides more information and will appear in the *Lindsay Post* in the coming weeks. If there is a newspaper serving your community, we would be pleased to publish the notice in that paper to better notify members of the Alderville First Nations Reserve. Please inform us of any opportunities to do so.

In accordance with Section 16(5)(c)(d) of the Regulation, the following documents (which make up the REA package) are being provided to you in paper copy. Additional copies of the draft REA package or individual reports can be provided in both hard copy and electronic forms should you request them. Furthermore, as per Section 17(1)3, a summary of each of the REA documents below has been provided along with the full reports.

- ***Project Description Report***
- ***Construction Plan Report***
- ***Design and Operations Report***
- ***Decommissioning Plan Report***
- ***Acoustic Assessment Report (appended to the Design and Operations Report)***
- ***Natural Heritage Assessment***
- ***Water Assessment***

Invenergy Solar Canada ULC, 120 Front St. E, Suite 201, Toronto, Ontario, M5A 4L9
(o)416.901.9463 (f)416.546.9905



- **Archaeological Stage 1 and 2**
- **Cultural Heritage Study**
- **Supporting Documents**

Invenergy Canada is again requesting any information that your community feels should be considered in the planning of this project. In particular, please provide any information that your community may have regarding potential adverse impacts of the project on constitutionally protected Aboriginal or treaty rights and recommendations for measures to mitigate these adverse impacts.

The following Aboriginal communities and organizations have been identified as potentially having an interest in the project:

- Alderville First Nation Reserve (including Sugar Island Indian Reserve No. 37A);
- Chippewas of Georgina Island First Nation (including Chippewas of Georgina Island First Nation Indian Reserve No. 33A);
- Curve Lake First Nation Indian Reserve No. 35 (including Curve Lake Indian Reserve No. 35A and Islands in the Trent Waters Indian Reserve No. 36A);
- Chippewas of Rama (including Mnjikaning First Nation Indian Reserve No. 32);
- Hiawatha First Nation; and
- Mississaugas of Scugog Island.
- Beausoleil Chippewas of Christian Island
- Kawartha Nishnawbe First Nation
- Georgian Bay Metis Council
- Metis Nation of Ontario

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Sincerely,

A handwritten signature in black ink that reads "R. Ralph".

Ryan Ralph

Development Manager
Invenergy Canada
120 Front St. E, Suite 201
Toronto, Ontario
M5A 4L9
RRalph@invenergyllc.com
P: (416)901-9463
F: (416)546-9905

cc: Don McKinnon, Dillon Consulting
attach: Notice of Draft REA Document Release and Notice of Second Public Meeting



June 27, 2011

Chief Donna Big Canoe
Chippewas of Georgina Island First Nation
Chippewas of Georgina Island First Nation Indian Reserve No. 33A
R.R. #2, P.O. Box N13
Sutton West, Ontario L0E 1R0

**RE: Notice of a Draft REA Document Release and Second Public Meeting
Woodville Solar Farm**

Dear Chief and Council,

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- ***Construction Plan Report***
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- **Water Assessment**
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- **Cultural Heritage Study**
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- Hiawatha First Nation; and
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June 27, 2011

Chief Sharon Stinson Henry
Chippewas of Rama
Mnjikaning First Nation Indian Reserve No 32
5884 Rama Road, Suite 200
Rama, Ontario L0K 1T0

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Ryan Ralph

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June 27, 2011

Chief Keith Knott
Curve Lake First Nation Indian Reserve No. 35
Curve Lake Indian Reserve No. 35A
Islands in the Trent Waters Indian Reserve No. 36A
22 Winookeeda Road
Curve Lake, Ontario K0L 1R0

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Invenergy Solar Canada ULC, 120 Front St. E, Suite 201, Toronto, Ontario, M5A 4L9
(o)416.901.9463 (f)416.546.9905

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Ryan Ralph

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June 27, 2011

Chief Laurie Carr
Hiawatha First Nation
123 Paudash Street, R.R. #2
Keene, Ontario K0L 2G0

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June 27, 2011

Chief Tracy Gauthier
Mississaugas of Scugog Island
22521 Island Road
Port Perry, Ontario L9L 1B6

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Beasusoleil Chippawas of Christian Island
Cedar Point
Christian Island 30 General Delivery
Cedar Point, Ontario
L0K 1C0

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June 27, 2011

Kawartha Nishnawbe First Nation
P.O. Box 1432
Lakefield Ontario
K0L 2H0

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The second public meeting will be held on September 7, 2011 from 5:00-8:00 p.m. at the Fenelon Town Community Centre (2255 Elm Tree Road, Cambray, Ontario K0M 1E0). The attached notice provides more information and will appear in the *Lindsay Post* in the coming weeks. If there is a newspaper serving your community, we would be pleased to publish the notice in that paper to better notify members of the Alderville First Nations Reserve. Please inform us of any opportunities to do so.

In accordance with Section 16(5)(c)(d) of the Regulation, the following documents (which make up the REA package) are being provided to you in paper copy. Additional copies of the draft REA package or individual reports can be provided in both hard copy and electronic forms should you request them. Furthermore, as per Section 17(1)3, a summary of each of the REA documents below has been provided along with the full reports.

- ***Project Description Report***
- ***Construction Plan Report***
- ***Design and Operations Report***
- ***Decommissioning Plan Report***
- ***Acoustic Assessment Report (appended to the Design and Operations Report)***
- ***Natural Heritage Assessment***
- ***Water Assessment***

Invenergy Solar Canada ULC, 120 Front St. E, Suite 201, Toronto, Ontario, M5A 4L9
(o)416.901.9463 (f)416.546.9905



- **Archaeological Stage 1 and 2**
- **Cultural Heritage Study**
- **Supporting Documents**

Invenergy Canada is again requesting any information that your community feels should be considered in the planning of this project. In particular, please provide any information that your community may have regarding potential adverse impacts of the project on constitutionally protected Aboriginal or treaty rights and recommendations for measures to mitigate these adverse impacts.

The following Aboriginal communities and organizations have been identified as potentially having an interest in the project:

- Alderville First Nation Reserve (including Sugar Island Indian Reserve No. 37A);
- Chippewas of Georgina Island First Nation (including Chippewas of Georgina Island First Nation Indian Reserve No. 33A);
- Curve Lake First Nation Indian Reserve No. 35 (including Curve Lake Indian Reserve No. 35A and Islands in the Trent Waters Indian Reserve No. 36A);
- Chippewas of Rama (including Mnjikaning First Nation Indian Reserve No. 32);
- Hiawatha First Nation; and
- Mississaugas of Scugog Island.
- Beausoleil Chippewas of Christian Island
- Kawartha Nishnawbe First Nation
- Georgian Bay Metis Council
- Metis Nation of Ontario

Invenergy Canada has no specific information with regard to potential adverse effects that the project could have on the constitutional and/or treaty rights of the above noted Aboriginal communities. We continue to be available to meet with a representative of your community to present the project and results of the REA process as well as to learn about your interests and potential concerns.

If you have questions about the project or the attached documents, or would like to schedule a meeting, please do not hesitate to contact me directly at (416)901-9463 or RRalph@invenergyllc.com.

Sincerely,

A handwritten signature in black ink that reads "R. Ralph".

Ryan Ralph

Development Manager
Invenergy Canada
120 Front St. E, Suite 201
Toronto, Ontario
M5A 4L9
RRalph@invenergyllc.com
P: (416)901-9463
F: (416)546-9905

cc: Don McKinnon, Dillon Consulting
attach: Notice of Draft REA Document Release and Notice of Second Public Meeting



June 27, 2011

Georgian Bay Metis Council
Allan Vallee, President
355 Cranston Crescent, P.O. Box 4
Midland, Ontario
L4R 4K6

**RE: Notice of a Draft REA Document Release and Second Public Meeting
Woodville Solar Farm**

Dear Chief and Council,

As you are aware, Invenenergy Canada is planning to engage in a renewable energy project which will require the issuance of Renewable Energy Approvals (REA) by the Ministry of Environment. The proposed solar farm would be located near the community of Woodville in the City of Kawartha Lakes (see map below). Invenenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this project through the Province's Feed-in-Tariff (FIT) program. The distribution of this notice as well as the project itself, are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and *Ontario Regulation 359/09* (Regulation). The REA replaces approvals formerly required under the *Environmental Assessment Act*, *Planning Act*, and *Environmental Protection Act*. This notice is being distributed in accordance with sections 15 & 16 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

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Invenenergy Solar Canada ULC, 120 Front St. E, Suite 201, Toronto, Ontario, M5A 4L9
(o)416.901.9463 (f)416.546.9905



- ***Water Assessment***
- ***Archaeological Stage 1 and 2***
- ***Cultural Heritage Study***
- ***Supporting Documents***

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Sincerely,

A handwritten signature in black ink that reads "R. Ralph".

Ryan Ralph
Development Manager
Invenergy Canada
120 Front St. E, Suite 201
Toronto, Ontario
M5A 4L9
RRalph@invenergyllc.com
P: (416)901-9463
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cc: Don McKinnon, Dillon Consulting
attach: Notice of Draft REA Document Release and Notice of Second Public Meeting



June 27, 2011

Metis Nation of Ontario
500 Old St. Patrick Street, Unit 3
Ottawa, Ontario
K1N 9G4

**RE: Notice of a Draft REA Document Release and Second Public Meeting
Woodville Solar Farm**

Dear Chief and Council,

As you are aware, Invenergy Canada is planning to engage in a renewable energy project which will require the issuance of Renewable Energy Approvals (REA) by the Ministry of Environment. The proposed solar farm would be located near the community of Woodville in the City of Kawartha Lakes (see map below). Invenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this project through the Province's Feed-in-Tariff (FIT) program. The distribution of this notice as well as the project itself, are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and *Ontario Regulation 359/09* (Regulation). The REA replaces approvals formerly required under the *Environmental Assessment Act*, *Planning Act*, and *Environmental Protection Act*. This notice is being distributed in accordance with sections 15 & 16 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

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If you have questions about the project or the attached documents, or would like to schedule a meeting, please do not hesitate to contact me directly at (416)901-9463 or RRalph@invenergyllc.com.

Sincerely,

A handwritten signature in black ink that reads "R. Ralph".

Ryan Ralph
Development Manager
Invenergy Canada
120 Front St. E, Suite 201
Toronto, Ontario
M5A 4L9
RRalph@invenergyllc.com
P: (416)901-9463
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cc: Don McKinnon, Dillon Consulting
attach: Notice of Draft REA Document Release and Notice of Second Public Meeting

DRAFT REA REPORT SUMMARIES

Woodville Solar Farm

May 2011

EXECUTIVE SUMMARY

The Woodville Solar Farm ("the Project") is being planned by Invenergy Solar Canada ULC. ('Invenergy Canada'). The project is to be located within the City of Kawartha Lakes, Ontario at the southwest corner of the intersection of Woodville Road and Cambray Road (east of the village of Woodville).

The draft Project Description Report has been prepared under the requirements of the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for agency, First Nation and public review and comment. The *Project Description Report* provides a summary of the content, key issues and findings of all the draft REA reports. It discusses project location, components, activities, potential negative environmental effects and proposed mitigation and/or monitoring activities. It covers the construction, operation and decommissioning phases of the project. All of these topics are covered further in their individual reports, as part of the REA submission. This package includes the following reports:

- ✓ **Construction Plan Report** – This report includes a description of the following:
 - Construction activities;
 - The location and timing of the construction;
 - Potential negative effects that might be incurred during construction;
 - Mitigation measures to be implemented to avoid/minimize the identified effects.
- ✓ **Decommissioning Plan Report** – A description of the activities that are to be undertaken should the facility be decommissioned including:
 - Procedures to dismantle the facility;
 - Land restoration activities;
 - Procedures for waste management.
- ✓ **Design and Operations Report** - This report includes a description of the following:
 - A Site plan of the project showing all project components and their location;
 - A description of how the project will be operated;
 - A description of how environmental effects will be mitigated and an environmental effects monitoring plan;
 - Emergency Response and Communications Plan.
- ✓ **Natural Heritage Features Assessment Report** – A description of the natural heritage features in the project location (birds, bats, vegetation and terrestrial wildlife) and demonstration that the required REA setbacks from natural heritage features have been met and any potential effects mitigated.

- ✓ **Water Assessment Report** – A description of the water bodies (i.e., permanent watercourses, intermittent watercourses, seepage areas or lakes) in the project location and demonstration that the required REA setbacks from significant water features have been met and any potential effects mitigated.
- ✓ **Noise Study Report** – A Noise Study Report was prepared to demonstrate that the facility is in compliance with regulatory requirements pertaining to the types of operations that may occur at the facility. The report will be prepared in accordance with the MOE requirements as set out in NPC-233 and NPC-205.
- ✓ **Archaeological Stage 1 and 2 Report and Cultural Heritage Assessment Report** – An Archaeological Stage 1 and 2 Report and a Cultural Heritage Assessment Report were prepared to outline the archaeological and cultural potential of the project location and mitigate any potential negative effects of the proposed project.

Following the second PIC, the following report would be prepared:

- ✓ **Consultation Report** – Summary of communication and consultation activities conducted with the public, government agencies and First Nation communities as part of the REA approval process including responses to concerns that are received. Also to be included is a summary of the communication and consultation activities that are planned to be undertaken.

The solar farm will consist of the following major project components:

- PV Panel rack support structure
- PV panels
- Rack mounted DC wiring
- Inverters (to convert the generated DC current to AC current)
- Padmount transformers (to step-up the Inverter output voltage)
- Underground electrical lines
- Substation transformer (to step-up the voltage from 27.6 kV to 44 kV)
- Access road (approximately 140 m long (from the east entrance) and 15 m long (from the north entrance), 15 m wide with the total land area occupied by the road as approximately 0.24 ha)
- Perimeter security fence

Additional components include (not within project scope):

- Approximately 2.5 km power line (44 kV) to connect the solar farm to the existing electrical grid

Note: Not included/not assessed as part of project as Hydro One will build and maintain this line within the existing road right-of-way along Cambray Rd.

The substation transformer has been sited to meet applicable noise limits at nearby receptor points (see *Noise Study Report*).

The proposed solar energy farm is a low-profile and non-obtrusive use, and is on a similar scale as other “invisible” land uses due to the low impact on the subject site and the adjacent land uses. Once constructed, the solar energy farm will have no moving parts and produce no significant off-site noise, no harmful emissions or any other form of waste product. Inverters will be placed on concrete pad foundations. The arrays will be spaced in order to avoid shading on the modules and a resulting decrease in electrical output. Due to the spacing between rows, it is anticipated that small native vegetation will be grown beneath and between the rows.

There are no Provincial Parks or Conservation Reserves within 120 m of the project location. In addition, no Provincially Significant Wetlands, Significant Valleylands, Significant Wildlife Habitat or Areas of Natural and Scientific Interest will be affected during operations as none of these features are located within 120 m of solar farm infrastructure. Similarly, there will be no adverse environmental effects on two Significant Woodlands identified within 120 m of the project. As such, monitoring of these woodlands during the operations period will not be required.

No solar farm infrastructure (e.g., panel racks, electrical connection lines, operation and maintenance building, access roads, etc.) are expected to be constructed near or across watercourses. Through the implementation of a re-vegetation plan involving native grass seeding of disturbed soils, the operations phase of the project will not result in any negative aquatic effects. Further, construction of the solar farm is planned to occur outside of the defined Conservation Authority Regulated Area. Consequently, permits under Ontario Regulation 158/6 will not be required.

The overall conclusion of this Design and Operations Report is that this project can be operated without any significant adverse residual effects to the natural or social environment.

Executive Summary

The Woodville Solar Farm ("the Project") is being planned by Invenergy Solar Canada ULC. ('Invenergy Canada'). The Project has a maximum name plate capacity of 10 MW, located near the community of Woodville in the City of Kawartha Lakes. The draft Construction Plan Report has been prepared under the requirements of the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for agency, First Nation and public review and comment.

The Construction Report provides a description of all activities to occur during the construction and installation phase of the project, as well as the potential environmental effects from construction activities and proposed mitigation and monitoring measures. Environmental impacts are described as they relate to the project location and lands within 300m of the project components.

The construction phase of any major project such as this has the potential for adverse effects on the environment. Key activities during the construction phase include: clearing, grading, installing access roads, trenching of underground electrical cables, installing foundations, transporting materials, and assembling, erecting and wiring of the solar arrays. To minimize the potential for environmental effects during the construction phase, the contractor will be made aware of the environmental management commitments that have been made and need to be met. An Environmental Effects Monitoring Plan (EMP) for the construction period is included in Section 4.0 of the Construction Report. Site construction activities leading up to project operation are anticipated to take approximately 6 to 8 months. No special housing, healthcare, or food facilities will be required as part of the project's activities. The following sections provide details of specific construction activities, the materials and equipment used, and the location and duration of the activity. In general, the building materials consist of concrete, wood, aggregate, and metal. To the extent possible, these materials will be procured from local and/or regional sources where they are available in sufficient quality and quantity, at competitive prices. Excavation and fill requirements will likely be balanced to avoid importing off site material. Hazardous materials used during construction would include fuels and lubricants that will be on-site for use in equipment and vehicles. There are no known hazardous by-products of the solar energy generation process itself. Any temporary work areas will be demarcated to ensure construction vehicles and personnel stay within the allocated areas.

Sufficient fieldwork and data collection was performed to assist in the determination of potential construction effects to environmental and social features. Various mitigation measures to manage these potential effects have been identified. Significant adverse effects from construction activity to the natural and social environment will be avoided through careful facility layout planning, the application of appropriate mitigation measures, and adherence to all regulatory requirements.

There are no Provincial Parks or Conservation Reserves within 120 m of the project location. In addition, no Provincially Significant Wetlands, Significant Valleylands, Significant Wildlife Habitat or Areas of Natural and Scientific Interest will be displaced or disrupted as none of these features are located within 120 m of solar farm infrastructure. Through mitigation two Significant Woodlands identified within 120 m of the project will not be adversely affected. Monitoring of these woodlands during the construction period will verify that the mitigation measures proposed are effective.

Impacts from the construction of the solar farm on water bodies are expected to be nil. Construction of the solar farm is planned to occur outside of the defined Conservation Authority Regulated Areas. Consequently, permits under Ontario Regulation 158/6 will not be required.

No power lines or access roads are expected to be constructed near or across watercourses.

The overall conclusion of the Construction Plan Report is that this project can be constructed without any significant adverse residual effects to the natural or social environment.

There are net benefits of this project resulting from an increased municipal tax base for the City of Kawartha Lakes, increased number of employment opportunities, especially during the construction stage, and the generation of clean, renewable electricity from solar power.

For more information on the project, please refer to the documents listed in Section 1.0 of this report. These additional reports are provided as part of a completed submission package to the MOE and were prepared in accordance with Ontario Regulation 359/09.

Executive Summary

The Woodville Solar Farm ("the Project") is being planned by Invenergy Solar Canada ULC. ('Invenergy Canada'). The draft Design and Operations Report is being submitted to the Ministry of the Environment as required under the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for public review and comment. The draft Design and Operations Report provides detailed information on the renewable energy facility, including a site plan, facility design and operation, and communications, emergency response and environmental mitigation/monitoring plans.

The solar farm will consist of the following major project components:

- PV Panel rack support structure
- PV panels
- Rack mounted DC wiring
- Inverters (to convert the generated DC current to AC current)
- Padmount transformers (to step-up the Inverter output voltage)
- Underground electrical lines
- Substation transformer (to step-up the voltage from 27.6 kV to 44 kV)
- Access road (approximately 140 m long (from the east entrance) and 15 m long (from the north entrance), 15 m wide with the total land area occupied by the road as approximately 0.24 ha)
- Perimeter security fence

Additional components include (not within project scope):

- Approximately 2.5 km power line (44 kV) to connect the solar farm to the existing electrical grid

Note: Not included/not assessed as part of project as Hydro One will build and maintain this line within the existing road right-of-way along Cambray Rd.

The substation transformer has been sited to meet applicable noise limits at nearby receptor points (see *Noise Study Report*).

The proposed solar energy farm is a low-profile and non-obtrusive use, and is on a similar scale as other "invisible" land uses due to the low impact on the subject site and the adjacent land uses. Once constructed, the solar energy farm will have no moving parts and produce no significant off-site noise, no harmful emissions or any other form of waste product. Inverters will be placed on concrete pad foundations. The arrays will be spaced in order to avoid shading on the modules and a resulting decrease in electrical output. Due to the spacing between rows, it is anticipated that small native vegetation will be grown beneath and between the rows.

The Design and Operations Report has been completed to fulfill regulatory requirements as mandated by the provincial government for the development of the Woodville Solar Farm. The

report is consistent with the provisions of Ontario Regulation 359/09 for a Class 3 solar facility as set out by the *Green Energy Act*. Significant adverse effects from operations activities to the natural and social environment have been avoided through careful facility layout planning, the application of appropriate mitigation measures, and adherence to all regulatory requirements.

There are no Provincial Parks or Conservation Reserves within 120 m of the project location. In addition, no Provincially Significant Wetlands, Significant Valleylands, Significant Wildlife Habitat or Areas of Natural and Scientific Interest will be affected during operations as none of these features are located within 120 m of solar farm infrastructure. Similarly, there will be no adverse environmental effects on two Significant Woodlands identified within 120 m of the project. As such, monitoring of these woodlands during the operations period will not be required.

No solar farm infrastructure (e.g., panel racks, electrical connection lines, operation and maintenance building, access roads, etc.) are expected to be constructed near or across watercourses. Through the implementation of a re-vegetation plan involving native grass seeding of disturbed soils, the operations phase of the project will not result in any negative aquatic effects. Further, construction of the solar farm is planned to occur outside of the defined Conservation Authority Regulated Area. Consequently, permits under Ontario Regulation 158/6 will not be required.

The overall conclusion of this Design and Operations Report is that this project can be operated without any significant adverse residual effects to the natural or social environment.

Executive Summary

The Woodville Solar Farm ("Project") is being planned by Invenergy Solar Canada ULC ('Invenergy Canada'). The draft Decommissioning Plan Report has been prepared under the requirements of the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for agency, First Nation and public review and comment. The Decommissioning Plan Report provides an overview of all activities during the decommissioning phase of the Project, as well as all activities related to the restoration of land and water and managing excess materials and waste.

Properly maintained solar panels have an expected life of thirty (30) years, with an opportunity for a lifetime of fifty (50) years or more with equipment replacement and repowering. The report, however, assumes that at the decommissioning process will initiate upon the termination of the leases with the landowners. The primary reason for the leases to be terminated would be the completion of the project's useful life or the lack of a power purchase agreement with the Ontario Power Authority (or legal successor) or another green energy power purchaser.

The decommissioning involves removing the perimeter fences, any concrete foundations, the cutting of any steel piles at a depth of about 1m below grade, and removal of all metal structures (mounting racks and trackers), removing all PV modules, above-ground and underground cables, transformers, inverters, fans, switch boxes, fixtures, and otherwise restoring the premises to its original condition. If it is agreed upon with the landowner, access roads may be left in place for their continued use.

Invenergy Canada agrees to meet with the landowner prior to the lease expiration date to ensure that Invenergy Canada performs its obligations to remove its property and restore the premises. Within twelve (12) months of initiating the decommissioning, Invenergy Canada will have removed the relevant components from the leased land.

The decommissioning of the project components will follow the Ontario Health and Safety Act along with any applicable municipal, provincial and federal regulations and standards. As with the construction, a manager responsible for safety will be present on site for the duration of the work.

Invenergy Canada will ensure that the decommissioning stage of the proposed facility is carried out in accordance with REA requirements and the measures/practices as described in this report. Invenergy Canada understands that the MOE Director of Approvals could request specific decommissioning activities as a condition of REA approval that could include, for example:

- Providing notification regarding the plans to continue or cease the operation of the proposed facility by the end of power purchase agreement;
- Providing notification regarding the need for an application for amendment to the REA to keep the proposed facility in operation after the end of power purchase agreement;
- Providing timelines for the start and completion of the decommissioning activities;
- Keeping this report updated to ensure that when required a portion of the facility which is not operational due to technical failure can be properly decommissioned;
- Providing site restoration measures that would ensure that the nutrient content of the soil is restored, if necessary and if required for agricultural purposes;
- Providing restoration of the site as close to a pre-construction state as feasible; and,
- Providing a decommissioning cost estimate as well as the methods for ensuring that the funds will be available for decommissioning and site restoration.

Executive Summary

The Woodville Solar Farm ("Project") is being planned by Invenergy Solar Canada ULC ('Invenergy Canada'). The Natural Heritage Assessment (NHA) report package has been prepared under the requirements of the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for agency, First Nation and public review and comment. As required by the *REA Regulation*, an assessment of natural features within 120 m of the project location has been conducted. The NHA report package consists of four reports: *Records Review*, *Site Investigation*, *Evaluation of Significance* and *Environmental Impact Study*. These reports fulfill the requirements outlined in *Sections 24, 25, 26, 27 and 38* of the *REA Regulation*. Confirmation of the completion of these reports under Section 28 of the *REA Regulation* has been provided by the Ontario Ministry of Natural Resources (MNR) on May 3, 2011.

To complete the NHA, natural heritage records were obtained and reviewed, on-site field surveys were conducted and discussions held with applicable agencies (e.g., the MNR). Onsite existing natural feature conditions were based on a records review and site investigations. The results of this work are documented in the NHA report package as part of this REA submission. The project location consists largely of active agricultural land with naturalized deciduous hedgerows. Surrounding the project location are other vegetated communities including, for example forested lands, meadow and plantation forest.

No significant habitat has been identified within the project location. Further, there are no Provincially Significant Wetlands, Significant Valleylands, Significant Wildlife Habitat or Areas of Natural and Scientific Interest within 120 m of the project location. Two Significant Woodland areas within 120 m of the project location are described in the NHA reports.

Various mitigation measures have been recommended in response to potential environmental effects that may be realized during the construction and decommissioning phases of the project. No potential adverse environmental effects are expected during the operations phase of the project. Mitigation measures include the minimization of soil exposure, adherence to vegetation clearing restriction windows, and the implementation of appropriate erosion and stormwater management plans during site grading. The conclusion of the EIS was that through effective mitigation and monitoring the potential negative environmental effects to the significant woodlands will be avoided or minimized.

Executive Summary

This report is intended to fulfill the requirements for the *Water Assessment Report* according to Sections 30 and 31 of *Ontario Regulation 359/09*. Various local, provincial and federal records were reviewed to assess the current understanding of water bodies within 300 m of the project location. Following this, a site investigation was undertaken to verify the accuracy of the records review and to amend any discrepancies that may have been observed.

The Woodville Solar Farm project location is in the Sturgeon Lake Watershed - McLarens Creek Sub-watershed. Water in this area generally flows in a south-easterly direction towards the Scugog River system (part of the Trent Severn Waterway) where it continues north to Sturgeon Lake. There is limited data on the water quality in the McLarens Creek sub-watershed (KRCA Watershed Report Card 2008).

A site investigation, preceded by a records review, was completed according to Sections 30 and Section 31 of Ontario Regulation 359/09.

The potential negative effects to the applicable water bodies within 120 m by project activities relating to site preparation, construction, maintenance, operations and decommissioning are outlined in the various individual reports and within the *Water Assessment Package* as part of the REA submission.

No project activities will occur within 30 m of a water body. Therefore, all potential negative environmental effects of the project are considered to be indirect effects associated with the drainage area for each water body. Further, the small water body feature (i.e., pond) identified 72 m from the project location has no to very low potential to be negatively affected by the activities related to the Woodville Solar Farm. The water body has no direct overland connection to the project location and the stream connecting the water body to the main stream is likely flowing away from the water body (i.e., discharging water from the pond). None of the activities are expected to have any physical or functional effect on a water body provided the appropriate mitigation measures are implemented.

Executive Summary

Scarlett Janusas Archaeological and Heritage Consulting and Education (SJAHCE) was retained by the proponent to conduct a Stage 1 and 2 archaeological resource assessment for the property located on the north half of Lot 19, Concession 15, Mariposa Township, former County of Victoria, City of Kawartha Lakes, Ontario. The proposed use of the property is a solar farm.

The study property is 90.7 acres in size. Stage 2 archaeological field assessment was conducted over two days, October 27th and 28th, 2010. Weather conditions were conducive to archaeological assessment throughout the project.

Background research indicated that there are no registered archaeological sites within two kilometres of the study area.

There is only one structure, currently under construction, located on the property. This new construction is located at 1126 Woodville Road. The new construction is located where two former buildings were located – neither one of which are now extant. This parcel of land is excluded from the assessment project area. There are wire fences surrounding the property and tree rows separate the various agricultural fields. Towards the rear (south) of the property, the hedge rows also have split rail fences. The area to the east of the agricultural fields is also excluded from the study area.

There is only one soil identified for the study area – Pontypool sand. The bedrock underlying the area is Trenton formation limestone.

The study area is part of the Sturgeon Lake Watershed – McLarens Creek Sub-watershed. While there are no identified permanent watercourses, intermittent watercourse, seepage areas or lakes located on the study area, there are several small creeks/streams located to the north of the property which directly affect the archaeological potential of the northern end of the study area.

Topography varies across the property, but the majority of the property exhibits a gently rolling hill topography.

The entire property is considered to exhibit high archaeological potential based on proximity to drainage (north of the property), the former nearby presence of an historic homestead, historic roadways, the gently to rolling hill topography, and the presence of Pontypool sandy soils.

The Stage 1 and 2 archaeological assessment of the study property was conducted under licence P027, (Scarlett Janusas, PIF #P027-107-2010) during August, September and October 2010.

Based upon the background research of past and present conditions, a Stage 2 archaeological resource assessment, the following is recommended:

- Given that the artifacts recovered from east and west of Part 2 (excluded from survey area) are not representative of any structures and in themselves are not considered significant, no special recommendations are made with respect to BcGr-14;
- Archaeological assessment of Part 2 (excluded) is recommended should any development extend into this area;
- The entire study area is recommended to be cleared of archaeological concerns; however,
- Should previously undocumented archaeological resources be discovered, they may be an archaeological site and therefore subject to Section 48 (1) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out archaeological fieldwork, in compliance with sec. 48 (1) of the Ontario Heritage Act;
- The Cemeteries Act requires that any person discovering human remains must notify the police or coroner and the Registrar of cemeteries, Ministry of Small Business and Consumer Services.

This archaeological assessment has been conducted under the 1993 Technical Standards and Guidelines (Government of Ontario).

This report is submitted to the Minister of Tourism and Culture as a condition of licensing in accordance with part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18. The report is reviewed to ensure that the licensed consultant archaeologist has met the terms and conditions of their archaeological licence, and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario (Government of Ontario, Ministry of Culture 2009:73).

Executive Summary

Scarlett Janusas Archaeological and Heritage Consulting and Education (SJAHCE) was retained by the proponent to conduct a Cultural Heritage Assessment for the property located on the north half of Lot 19, Concession 15, Mariposa Township, former County of Victoria, City of Kawartha Lakes, Ontario. The proposed use of the property is a solar farm.

Background research was conducted to determine the historical significance of the property. The research was complemented by a field visit to the site on August 10th, 2010. The research and field visit were conducted by Scarlett Janusas, B.A., M.A. of SJAHCE, with the assistance of research assistants Chelsea Robert and Amelia Sweiger.

The study property itself has one built property and the immediate environs around the study property has three built properties and one gravel pit that are described herein. These properties include 1115 Woodville Road, a former modified log cabin and modern horse stable; 1126 Woodville Road (on the property itself), the original house is demolished and there is current new construction on the site; 1030 Cambray Road, a remodeled barn, and patterned red brick house, and outbuildings; 1100 Woodville Road, a detached 2 door garage and 1 ½ storey stucco house. The gravel pit is located at 994 Cambray Road.

An archaeological assessment (Stage 1 and 2) of the property was conducted by Scarlett Janusas Archaeological and Heritage Consulting and Education (September 2010) in which there were no recommendations made for additional archaeological work.

The project is seeking a Renewable Energy Approval according to Ontario Regulation 359/09 issued under the Environmental Protection Act. The built heritage was evaluated using the criteria for determining cultural heritage value or interest, from the Ontario Heritage Act, Ontario Regulation 9/06. The Ontario Heritage Act, its Regulations and the Ontario Heritage Toolkit were consulted for this project, in addition to O. Reg. 359/09 of the Environmental Protection Act.

The property and buildings described herein are not designated as a heritage properties, nor are currently recognized for their heritage or cultural value. None of the properties are on any heritage list.

The current property has one residence (currently under construction) on it, and the land is agricultural with tree rows separating the various fields. The surrounding areas are predominantly agricultural/pasture, with some small residences to the west of the property and to the east and north of the property. There is also a large gravel pit located to the east of the property.

As per the Environmental Protection Act – O. Reg. 359/09 (Government of Ontario 2009:22), an evaluation of any impact of the renewable energy project on the property and proposed measures to avoid, eliminate or mitigate the impact, are made herein.

Aboriginal Consultation - Communication Log

<u>Date</u>	<u>FN\Metis Group</u>	<u>Contact Name</u>	<u>Contact Details</u>	<u>Contact Type</u>	<u>Comment</u>
7/20/2010	Alderville First Nations Reserve/Sugar Island	Chief James R. Marsden	905-352-2011	Phone - Joel	Left a message with Angela telling her that we sent our Notice and waited to verify it was received, noted our public meeting on Wednesday and offered to answer any questions
7/20/2010	Alderville First Nations Reserve/Sugar Island	Angela, Administrator of FN	905-352-2011	Phone - Received	Angela returned call, thinks there are only benefits. No issues with Solar, they are developing their own project. Did not request to meet with us, glad to have our information.
8/12/2010	Alderville First Nations Reserve/Sugar Island	Angela, Administrator of FN	905-352-2011	Phone - Joel	Left message indicating we will be doing an Archaeology study on site of next one and a half weeks
8/13/2010	Alderville First Nations Reserve/Sugar Island	Angela, Administrator of FN	905-352-2011	Phone - Received	Angela returned call on 8/13
8/16/2010	Alderville First Nations Reserve/Sugar Island	Dave Simpson	905-352-2552	Phone-Received	Angela asked Dave to call. He will speak with Scarlett regarding the work ongoing on the site. Seemed Angela thought there was a find onsite, but I corrected him that nothing has been found. Seemed supportive. Committed to send all information to Alderville FN
8/9/2011	Alderville First Nations Reserve/Sugar Island	Angela, Administrator of FN	905-352-2011	Phone - Ryan	Left message for Angela re: confirmation of receipt of Draft REA packages, any questions or concerns regarding package. Requested call back when she is back in office
8/10/2011	Alderville First Nations Reserve/Sugar Island	Dave Simpson		Phone - Ryan	Dave Simpson called back, he will look to ensure they have both project REA packages in hand and get back to us if they require anything else.
7/20/2010	Mississauga of Scugog Island	Chief Tracy Gauthier	905-985-3337	Phone - Joel	Verified receipt of the information from July 12th, couldn't find record of the June 16th mailing. Chief Gauthier is out of office until Thursday, will call back
8/12/2010	Mississauga of Scugog Island	Tracy & Sophie	905-985-3337	Phone - Joel	Tracey referred me to Sophie Sliwa. Carrie Sandy McKenzie is taking the lead developing a protocol for the Williams Treaty FN for REA consultation. Tracey recalled our notices and thought she should attend a public meeting. Intends to stop by next week to see what Scarlett (Archaeologist) is doing in the field. Sophie has all of the various applications and mentioned that I was the first to call to offer that they may attend archaeological work
8/5/2011	Mississauga of Scugog Island	Murray	905-985-3337	Phone - Ryan	Sophie no longer working for FN, Murry, just started 2 months ago. Confirmed receipt of Sandringham and Woodville packages, has not had a chance to look at. Told him to call if he had any questions or concerns.
7/20/2010	Curve Lake FN Indian Reserve No.35/35A, Islands in the Trent Waters Indian Reserve No 36A	Chief Keith Knot	705-657-8045	Phone - Joel	Left a message indicating that the information was sent, receptionist said that the Chief was out until Monday, but she recalls seeing the documents
8/12/2010	Curve Lake FN Indian Reserve No.35/35A, Islands in the Trent Waters Indian Reserve No 36A	Chief Keith Knot	705-657-8045	Phone - Joel	Told receptionist that we are doing Archaeology work on the Sandringham site over the next 1 1/2 weeks. She said she would ask around if there was any interest in witnessing the work, left name and phone number.
7/6th/2011	Curve Lake FN Indian Reserve No 36A	Chief Keith Knot		Letter Received	Letter received from Curve Lake First Nation re: Notice of Draft Document Release and Second Public Meeting for Woodville Solar Farm. ".....Curve Lake is not currently aware of any issues that would cause concern with respect to our Traditional, Aboriginal and Treaty Rights....."
7/13/2010	Chippewas of Rama FN	Chief Sharon Stinson Henry		Letter Received	Letter received advising to send information and direct inquiries to Karry Sandy McKenzie.
8/12/2010	Chippewas of Rama FN	Karry Sandy McKenzie	705-792-5087	Phone-Joel	Left message with Karry Sandy McKenzie indicating we have begun Archeology work on Sandringham and please let us know if anyone needs or wants to be present.
7/2/2011	Chippewas of Rama FN	Chief Sharon Stinson Henry		Letter Received	Letter received re: Draft REA document release and Second Public Meeting for Woodville Solar Farm. Letter directed all future correspondence and inquiries to Karry Sandy McKenzie
8/4/2011	Chippewas of Rama FN	Karry Sandy McKenzie	705-792-5087	Phone - Ryan	L/M for Karry Sandy McKenzie re: Both Woodville and Sandringham Draft Document packages, to ensure receipt and to see if there were any questions or concerns that needed to be addressed. Requested call back, left name and number.
7/20/2010	Chippewas of Georgina Island, Sutton West	Chief Donna Big Canoe	705-437-1337	Phone - Joel	Receptionist answered phone, confirmed that they have forwarded our information to the appropriate person and they have no current questions.
8/12/2010	Chippewas of Georgina Island, Sutton West	Marlene Stiles	705-437-1337	Phone - Joel	Left a message indicating that we are beginning archaeological work on the Sandringham site over the next week and a half. Left my contact information on the message.
8/5/2011	Chippewas of Georgina Island, Sutton West	Marlene Stiles	705-437-1337	Phone - Ryan	Left message as Marlene Stiles is out of office for Day, wanting to confirm receipt of draft documents for both projects and if they had any questions or concerns regarding projects. Requested call back.
7/20/2010	Hiwatha First Nation	Chief Laurie Carr	705-295-4421	Phone - Joel	Sent me to Mary who checks mail and registers it. Left a message requesting a return call to verify information was received and offer answers to any questions
8/12/2010	Hiwatha First Nation	Sandra	705-295-4421	Phone - Joel	Sandra talked to Chief, said to send information to Lori_Ritter@hotmail.com or dm.sheridan@hotmail.com. Same address and phone number
8/13/2010	Hiwatha First Nation	Diane Sheridan and Lori Ritter	email	email sent	Email sent to Diane and Lori on 8/13/2010 at 11:58
6/20/2011	Hiwatha First Nation	Lorie Ritter and Dian Sheridan	Letter	Letter Received	Letter received from Hiawatha FN, re: Woodville Solar Farm ".....as per the Hiawatha FN consultation Protocol, your proposed project is deemed, having minimal potential to impact Hiwawatha First Nations' rights at this time, however, please keep us apprised of any updates, archaeological findings, and/or of any environmental impacts, should any occur....."
8/15/2011	Beausoleil Chippewas of Christian Island	Tanya Rute	705-247-2051	Phone - Ryan	Put thought to Tanya Rute, deals with project proposals. Left message re: both project draft REA packages, to confirm receipt and if they had any questions or concerns, requested call back. Left name and number.
8/15/2011	Kawartha Nishnawbe First Nation	Chief Kris Nahrgang	705-654-4661	Phone - Ryan	Left message re: Draft REA packages sent, and that our Sandringham REA package was still at Post office for pick up. <i>Good Morning,</i>
8/15/2011	Kawartha Nishnawbe First Nation	Chief Kris Nahrgang	spiritstone@sympatic.o.ca	email sent	<i>As per my voicemail, Invenergy Solar Canada had sent the Draft REA document package for the Sandringham Solar Farm to Kawartha Nishnawbe First Nation the last week of July. I am writing to inform you that Puralator has advised us that this package is still awaiting pickup at the post office. If you could please confirm that someone from Kawartha Nishnawbe FN will be picking up document package it would be appreciated.</i>
					<i>For any other questions or concerns regarding our solar projects, please call me at the number below, or on my cell phone : 905-484-5589.</i>
8/19/2011	Kawartha Nishnawbe First Nation	Chief Kris Nahrgang	705-654-4661	Phone - Ryan	Left another message requesting call back, re: Sandringham package returned by Puralator, wanted to ensure it gets delivered to Kawartha Nishnawbe FN. Requested call back.
8/23/2011	Kawartha Nishnawbe First Nation	Chief Kris Nahrgang	705-654-4661	Mail	Sandringham Package resent via registered mail to PO box 1432, Lakefield ON, K0L 2H0, Woodville package did not have this issue, assume package received in good order. No response to date.

4/14/2011 Metis Nation of Ontario Alden Barty, Consultation Assessment Coordinator Lands, Resources and Consultation 705-526-6335, AldenB@metisnation.o email received rg

Ryan:
The Georgian Bay Traditional Territory Consultation Committee (the "Committee") has received notice from the Ministry of Environment on two of Invenergy Canada solar project that are in our Traditional Territory. The Committee is interested in meeting with Invenergy Canada on these projects and any other projects that may the company may be undertaking.
I left a brief voicemail with you yesterday requesting you contact me.

Alden,

4/27/2011 Metis Nation of Ontario Alden Barty, Consultation Assessment Coordinator Lands, Resources and Consultation 705-526-6335, AldenB@metisnation. email sent org

I have received your voice mail and email regarding our Sandringham and Woodville Solar Farm projects located in the City of Kawartha Lakes. Currently both projects are undergoing natural heritage clearances from the MNR as we work toward our Renewable Energy Approval draft application document. We expect said draft applications will be available for public, agency and Aboriginal communities review by the end of May. Invenergy is committed to informing and consulting with all interested members of the public, Aboriginal communities and agencies. We are willing to discuss with the Metis Nation of Ontario their interest in our projects via meeting or conference call at the Committee's convenience.

Please let me know what works for the Committee and we can schedule.

Regards,

5/27//2011 Metis Nation of Ontario Alden Barty, Consultation Assessment Coordinator Lands, Resources and Consultation 705-526-6335, AldenB@metisnation. email received org

Ryan:
Please find attached a draft meeting budget. Once Invenergy has approved the budget I will confirm the meeting date of Thursday June 23, 2011 with the Committee.
If you have any questions, please contact me at your convenience.
Best regards,

6/6/2011 Metis Nation of Ontario Alden Barty, Consultation Assessment Coordinator Lands, Resources and Consultation 705-526-6335, AldenB@metisnation. email sent org

Hi Alden,

We would like to confirm the date of Thursday June 23rd for our meeting with MNO. We approve the meeting budget as well. Please advise what time the meeting would start.

6/23/2011 Metis Nation of Ontario Alden Barty Consultation Assessment Coordinator, Dave Dusome, Treasurer, Pauline Saulnier, Region 7 Councillor and Chair GBTHT Consultation Committee Larry Duval, President, Moon River Métis Council Peter Coture, President, Great Lakes Métis Council Louise Golding, Captain of the Hunt, Georgian Bay Traditional Harvest Territory 705-526-6335, AldenB@metisnation. Meeting org

Met with Metis Nation of Ontario Georgian Bay Consultation Committee, see meeting minutes

6/27/2011 Metis Nation of Ontario Alden Barty, Consultation Assessment Coordinator Lands, Resources and Consultation email received

Ryan:
Thank you for the information.
I will have the invoices off to you shortly.
On behalf of the Committee I would like to thank Invenergy Canada for an informative meeting. The Committee will be preparing a response and will sent the documents to you, once prepared.
Alden

Hi Alden,

As follow up to our meeting June 23rd, I have drafted and attached minutes from the meeting for the committees' records. As an FYI, I have submitted all meeting invoices I have received to date and they are currently being processed for payment. Below are answers to a couple of questions that came up during the meeting, which we promised to get back to you about.

7/14/2011 Metis Nation of Ontario Alden Barty, Consultation Assessment Coordinator Lands, Resources and Consultation 705-526-6335, AldenB@metisnation. email sent org

1. Woodville Solar Site Animal Movement Corridors & Deer Wintering Areas : In discussion with Invenergy's consultant Biologist (Dillon Consulting), who conducted the field studies on our Woodville Solar Site, he confirmed that although our construction activities on the project property would remove some hedgerow tree lines (aka. Animal Movement Corridor) our project will not affect Deer movement to and from these offsite Deer Wintering Areas as the site was not identified as having any ecological corridor/linkage function.

2. Area of Woodlots on adjacent properties: The question arose on the exact size of the woodlot located on the North side of Woodville road, across the street from our project property and the size of the Woodlot located

REA DOCUMENT SUMMARIES

Sandringham Solar Farm

November 2011

Executive Summary

The Sandringham Solar Farm ("the Project") is being planned by Invenergy Solar Canada ULC ("Invenergy Canada"). The project is to be located at 764 Sandringham Road near the community of Woodville in the City of Kawartha Lakes.

The draft Project Description Report has been prepared under the requirements of the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for agency, First Nation and public review and comment. The *Project Description Report* provides a summary of the content, key issues and findings of all the draft REA reports. It discusses project location, components, activities, potential negative environmental effects and proposed mitigation and/or monitoring activities. It covers the construction, operation and decommissioning phases of the project. All of these topics are covered further in their individual reports, as part of the REA submission. This package includes the following reports:

- ✓ **Construction Plan Report** – This report includes a description of the following:
 - Construction activities;
 - The location and timing of the construction;
 - Potential negative effects that might be incurred during construction;
 - Mitigation measures to be implemented to avoid/minimize the identified effects.
- ✓ **Decommissioning Plan Report** – A description of the activities that are to be undertaken should the facility be decommissioned including:
 - Procedures to dismantle the facility;
 - Land restoration activities;
 - Procedures for waste management.
- ✓ **Design and Operations Report** - This report includes a description of the following:
 - A Site plan of the project showing all project components and their location;
 - A description of how the project will be operated;
 - A description of how environmental effects will be mitigated and an environmental effects monitoring plan;
 - Emergency Response and Communications Plan.

- ✓ **Natural Heritage Features Assessment Report** – A description of the natural heritage features in the project location (birds, bats, vegetation and terrestrial wildlife) and demonstration that the required REA setbacks from natural heritage features have been met and any potential effects mitigated.
- ✓ **Water Assessment Report** – A description of the water bodies (i.e., permanent watercourses, intermittent watercourses, seepage areas or lakes) in the project location and demonstration that the required REA setbacks from significant water features have been met and any potential effects mitigated.
- ✓ **Noise Study Report** – A Noise Study Report was prepared to demonstrate that the facility is in compliance with regulatory requirements pertaining to the types of operations that may occur at the facility. The report will be prepared in accordance with the MOE requirements as set out in NPC-233 and NPC-205.
- ✓ **Archaeological Stage 1 and 2 Report and Cultural Heritage Assessment Report** – An Archaeological Stage 1 and 2 Report and a Cultural Heritage Assessment Report were prepared to outline the archaeological and cultural potential of the project location and mitigate any potential negative effects of the proposed project.

Following the second PIC, the following report would be prepared:

- ✓ **Consultation Report** – Summary of communication and consultation activities conducted with the public, government agencies and First Nation communities as part of the REA approval process including responses to concerns that are received. Also to be included is a summary of the communication and consultation activities that are planned to be undertaken.

The solar farm will consist of the following major project components:

- PV Panel rack support structure
- PV panels
- Rack mounted DC wiring
- Inverters (to convert the generated DC current to AC current)
- Padmount transformers (to step-up the Inverter output voltage)
- Underground electrical lines

- Substation transformer (to step-up the voltage from 27.6 kV to 44 kV)
- Access road (approximately 830 m long, 18 m wide with the total land area occupied by the road as approximately 1.37 ha)
- Perimeter security fence

Additional components include (not within project scope):

- Approximately 1.7 km power line (44 kV) to connect the solar farm to the existing electrical grid

Note: Not included/not assessed as part of project as Hydro One will build and maintain this line within the existing road right-of-way along Sandringham Rd.

The substation transformer has been sited to meet applicable noise limits at nearby receptor points (see *Noise Study Report*).

The proposed solar energy farm is a low-profile and non-obtrusive use, and is on a similar scale as other “invisible” land uses due to the low impact on the subject site and the adjacent land uses. Once constructed, the solar energy farm will have no moving parts and produce no significant off-site noise, no harmful emissions or any other form of waste product. Inverters will be placed on concrete pad foundations. The arrays will be spaced in order to avoid shading on the modules and a resulting decrease in electrical output. Due to the spacing between rows, it is anticipated that small native vegetation will be grown beneath and between the rows.

There are no Significant Valleylands, Areas of Natural and Scientific Interest, provincial parks or conservation reserves within 120m of the project location. Wetland areas are concentrated in the southwest and eastern sections of the project location. There is one woodland unit within 120 m that has been evaluated as “significant” the basis of its probable linkage function, proximity to significant shrub/early successional bird breeding habitat and potential function as a headwater area. Significant Wildlife Habitat (SWH) within 120 m of the project location includes Shrub/Early Successional Bird Breeding Habitat.

The project location does not function as a significant wildlife corridor. Therefore, from a landscape ecology perspective, the proposed development will not alter the ecological

connectivity of the natural heritage system. Moreover, the ecological linkages from the significant and provincially significant natural features within 120 m of the project location to the greater natural heritage system will be maintained. A variety of mitigation measures have been outlined in the Construction and the Design and Operations Reports to limit any environmental effects of the Sandringham Solar Farm.

Significant adverse effects from construction activity, design and operations or decommissioning to the natural and social environment have been avoided through careful facility layout planning, the application of appropriate mitigation measures, and adherence to all regulatory requirements.

EXECUTIVE SUMMARY

The Sandringham Solar Farm ("the Project") is being planned by Invenergy Solar Canada ULC. ('Invenergy Canada'). The Project has a maximum name plate capacity of 10 MW, located near the community of Woodville in the City of Kawartha Lakes. The draft Construction Plan Report has been prepared under the requirements of the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for agency, aboriginal organizations and public review and comment.

The Construction Report provides a description of all activities to occur during the construction and installation phase of the project, as well as the potential environmental effects from construction activities and proposed mitigation and monitoring measures. Environmental impacts are described as they relate to the project location and lands within 300m of the project components.

The construction phase of any major project such as this has the potential for adverse effects on the environment. Key activities during the construction phase include: clearing, grading, installing the access road, trenching of underground electrical cables, installing foundations, transporting materials, and assembling, erecting and wiring of the solar arrays. To minimize the potential for environmental effects during the construction phase, the contractor will be made aware of the environmental management commitments that have been made and need to be met. An Environmental Effects Monitoring Plan (EMP) for the construction period is included in Section 4.0 of the Construction Report. Site construction activities leading up to project operation are anticipated to take approximately 6 to 8 months. No special housing, healthcare, or food facilities will be required as part of the project's activities. The Construction Report provides details of specific construction activities, the materials and equipment used, and the location and duration of the activity.

In general, the building materials consist of concrete, wood, aggregate, and metal. To the extent possible, these materials will be procured from local and/or regional sources where they are available in sufficient quality and quantity, at competitive prices. Excavation and fill requirements will likely be balanced to avoid importing off site material. Hazardous materials used during construction would include fuels and lubricants that will be on-site for use in equipment and vehicles. Any temporary work areas will be demarcated to ensure construction vehicles and personnel stay within the allocated areas.

Sufficient fieldwork and data collection was performed to assist in the determination of potential construction effects to environmental and social features. Various mitigation measures to manage these potential effects have been identified. Significant adverse effects from construction activity to the natural and social environment will be avoided through careful facility layout planning, the application of appropriate mitigation measures, and adherence to all regulatory requirements.

There are no Significant Valleylands, Areas of Natural and Scientific Interest, provincial parks or conservation reserves within 120m of the project location. Wetlands that met the minimum size criteria (i.e., ≥ 2 hectares) for evaluation as possible provincially significant wetlands were assumed to be provincially significant and evaluated using the wetland characteristics and ecological functions rapid assessment protocol provided by the MNR for renewable energy projects. One wetland was identified to meet the criteria, and has been assumed to be Provincially Significant.

There is one woodland unit within 120 m that has been evaluated as “significant” the basis of its probable linkage function, proximity to significant shrub/early successional bird breeding habitat and potential function as a headwater area.

Significant Wildlife Habitat (SWH) within 120 m of the project location includes Shrub/Early Successional Bird Breeding Habitat.

Within the project location there are no water bodies (i.e., permanent watercourses, intermittent watercourses, seepage areas or lakes), as defined by Ontario Regulation 359/09. Impacts from the construction of the solar farm on water bodies are expected to be nil. Construction of the solar farm is planned to occur outside of the defined Conservation Authority Regulated Areas. Consequently, permits under Ontario Regulation 158/6 will not be required. Significant adverse effects from the construction activities to the natural and social environment have been avoided through careful facility layout planning, the application of appropriate mitigation measures, and adherence to all regulatory requirements.

No power lines or access roads are expected to be constructed near or across watercourses.

The overall conclusion of the Construction Plan Report is that this project can be constructed without any significant adverse residual effects to the natural or social environment.

There are net benefits of this project resulting from an increased municipal tax base for the City of Kawartha Lakes, increased number of employment opportunities, especially during the construction stage, and the generation of clean, renewable electricity from solar power.

For more information on the project, please refer to the documents listed in Section 1.0 of the Construction Report. These additional reports are provided as part of a completed submission package to the MOE and were prepared in accordance with Ontario Regulation 359/09.

EXECUTIVE SUMMARY

The Sandringham Solar Farm ("the Project") is being planned by Invenergy Solar Canada ULC. ('Invenergy Canada'). The draft Design and Operations Report is being submitted to the Ministry of the Environment as required under the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for public review and comment. The draft Design and Operations Report provides detailed information on the renewable energy facility, including a site plan, facility design and operation, and communications, emergency response and environmental mitigation/monitoring plans.

The solar farm will consist of the following major project components:

- PV Panel rack support structure
- PV panels
- Rack mounted DC wiring
- Inverters (to convert the generated DC current to AC current)
- Padmount transformers (to step-up the Inverter output voltage)
- Underground electrical lines
- Substation transformer (to step-up the voltage from 27.6 kV to 44 kV)
- Access road (approximately 830 m long, 18 m wide with the total land area occupied by the road as approximately 1.37 ha)
- Perimeter security fence

Additional components include (not within project scope):

- Approximately 1.7 km power line (44 kV) to connect the solar farm to the existing electrical grid

Note: Not included/not assessed as part of project as Hydro One will build and maintain this line within the existing road right-of-way along Sandringham Rd.

The substation transformer has been sited to meet applicable noise limits at nearby receptor points (see *Noise Study Report*).

The proposed solar energy farm is a low-profile and non-obtrusive use, and is on a similar scale as other "invisible" land uses due to the low impact on the subject site and the adjacent land uses. Once constructed, the solar energy farm will have no moving parts and produce no significant off-site noise, no harmful emissions or any other form of waste product. Inverters will be placed on concrete pad foundations. The arrays will be spaced in order to avoid shading on the modules and a resulting decrease in electrical output. Due to the spacing between rows, it is anticipated that small native vegetation will be grown beneath and between the rows.

The Design and Operations Report has been completed to fulfill regulatory requirements as mandated by the provincial government for the development of the Sandringham Solar Farm.

The report is consistent with the provisions of Ontario Regulation 359/09 for a Class 3 solar facility as set out by the *Green Energy Act*. Significant adverse effects from operations activities to the natural and social environment have been avoided through careful facility layout planning, the application of appropriate mitigation measures, and adherence to all regulatory requirements.

There are no Significant Valleylands, Areas of Natural and Scientific Interest, provincial parks or conservation reserves within 120m of the project location. Wetlands that met the minimum size criteria (i.e., ≥ 2 hectares) for evaluation as possible provincially significant wetlands were assumed to be provincially significant and evaluated using the wetland characteristics and ecological functions rapid assessment protocol provided by the MNR for renewable energy projects. One wetland was identified to meet the criteria, and has been assumed to be Provincially Significant. Significant adverse effects from the construction activities to the natural and social environment have been avoided through careful facility layout planning, the application of appropriate mitigation measures, and adherence to all regulatory requirements.

No solar farm infrastructure (e.g., panel racks, electrical connection lines, operation and maintenance building, access roads, etc.) are expected to be constructed near (i.e., within 120 m) or across watercourses. Through the implementation of a re-vegetation plan involving native grass seeding of disturbed soils, the operations phase of the project will not result in any negative aquatic effects in the project location or within the surrounding catchment area. Further, construction of the solar farm is planned to occur outside of the defined Kawartha Region Conservation Authority Regulated Area. Consequently, permits under Ontario Regulation 182/06 will not be required.

The overall conclusion of this Design and Operations Report is that this project can be operated without any significant adverse residual effects to the natural or social environment.

EXECUTIVE SUMMARY

The Sandringham Solar Farm ("the Project") is being planned by Invenergy Solar Canada ULC ('Invenergy Canada'). The draft Decommissioning Plan Report has been prepared under the requirements of the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for agency, Aboriginal organizations and public review and comment. The Decommissioning Plan Report provides an overview of all activities during the decommissioning phase of the Project, as well as all activities related to the restoration of land and water and managing excess materials and waste.

Properly maintained solar panels have an expected life of thirty (30) years, with an opportunity for a lifetime of fifty (50) years or more with equipment replacement and repowering. It has, however, been assumed that the decommissioning process will initiate upon the termination of the lease with the landowner. The primary reason for the lease to be terminated would be the completion of the project's useful life or the lack of a power purchase agreement with the Ontario Power Authority (or legal successor) or another green energy power purchaser.

The decommissioning involves removing the perimeter fences, any concrete foundations, the cutting of any steel piles at a depth of about 1m below grade, and removal of all metal structures (mounting racks and trackers), removing all PV modules, above-ground and underground cables, transformers, inverters, fans, switch boxes, fixtures, and otherwise restoring the premises to its original condition. If it is agreed upon with the landowner, the access road may be left in place for its continued use.

Invenergy Canada agrees to meet with the landowner prior to the lease expiration date to ensure that Invenergy Canada performs its obligations to remove its property and restore the premises. Within twelve (12) months of initiating the decommissioning, Invenergy Canada will have removed the relevant components from the leased land.

The decommissioning of the project components will follow the Ontario Health and Safety Act along with any applicable municipal, provincial and federal regulations and standards. As with the construction, a manager responsible for safety will be present on site for the duration of the work.

Invenenergy Canada will ensure that the decommissioning stage of the proposed facility is carried out in accordance with REA requirements and the measures/practices as described in this report. Invenenergy Canada understands that the MOE Director of Approvals could request specific decommissioning activities as a condition of REA approval that could include, for example:

- Providing notification regarding the plans to continue or cease the operation of the proposed facility by the end of power purchase agreement;
- Providing notification regarding the need for an application for amendment to the REA to keep the proposed facility in operation after the end of power purchase agreement;
- Providing timelines for the start and completion of the decommissioning activities;
- Keeping this report updated to ensure that when required a portion of the facility which is not operational due to technical failure can be properly decommissioned;
- Providing site restoration measures that would ensure that the nutrient content of the soil is restored, if necessary and if required for agricultural purposes;
- Providing restoration of the site as close to a pre-construction state as feasible; and,
- Providing a decommissioning cost estimate as well as the methods for ensuring that the funds will be available for decommissioning and site restoration.

Natural Heritage Assessment Summary

The Sandringham Solar Farm ("Project") is being planned by Invenergy Solar Canada ULC ('Invenergy Canada'). The draft Natural Heritage Assessment package has been prepared under the requirements of the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for agency, First Nation and public review and comment. As required by the REA regulations, an assessment of all natural features within 120 m of the project location has been conducted. The NHA report package consists of four reports: *Records Review*, *Site Investigation*, *Evaluation of Significance* and *Environmental Impact Study*. These reports fulfill the requirements outlined in Sections 24, 25, 26, 27 and 38 of the Regulation.

To complete this assessment, natural heritage records were obtained and reviewed, onsite field surveys were conducted and discussions held with applicable agencies (e.g. the MNR). Onsite existing natural feature conditions were based on a records review and onsite investigations. The results of this work are documented in this *Natural Heritage Assessment Package* as part of this REA submission. Much of the site is relatively dry upland sparse to dense thicket, with shallow soils over bedrock. There are no Significant Valleylands, Areas of Natural and Scientific Interest, provincial parks or conservation reserves within 120m of the project location.

Wetland areas are concentrated in the southwest and eastern sections of the project location. Wetland vegetation communities include five distinct Mixed Willow Mineral Deciduous Thicket Swamp wetland areas and a Poplar Mineral Deciduous Swamp. Wetland units are small and are associated with overland drainage. One wetland approximately 90 metres from the project location has been assumed to be provincially significant based on MNR guidelines, and will be unaffected by the project. Project components have been located a minimum of 30 metres outside of all wetland areas to mitigate potential impacts.

There is one woodland unit within 120 m that has been evaluated as "significant" the basis of its probable linkage function, proximity to significant shrub/early successional bird breeding habitat and potential function as a headwater area.

Significant Wildlife Habitat (SWH) within 120 m of the project location includes Shrub/Early Successional Bird Breeding Habitat.

Significant adverse effects from construction activity, design and operations or decommissioning to the natural and social environment have been avoided through careful facility layout planning, the application of appropriate mitigation measures, and adherence to all regulatory requirements.

The MNR provided a letter of confirmation on June 29, 2011 for this project upon reviewing the draft Natural Heritage Assessment documents.

Water Assessment Summary

This report is intended to fulfill the requirements for the *Water Assessment Report* according to Sections 30 and 31 of *Ontario Regulation 359/09*. Various local, provincial and federal records were reviewed to assess the current understanding of water bodies within 300 m of the project location. Following this, a site investigation was undertaken to verify the accuracy of the records review and to amend any discrepancies that may have been observed.

The Sandringham Solar Farm project location falls within the Balsam lake Watershed and the Lake Simcoe Watershed. The only mapped aquatic feature is a “watercourse” in the eastern portion of the project location. Aerial photographs and our site investigation also identified the presence of two small on-line farm ponds. During our site investigations, the occurrence of the watercourse was confirmed to not exist. The mapped watercourse feature does not meet the Conservation Authorities Act definition of a watercourse or the definition of a water body under Ontario Regulation 359/09. Further, the two small farm ponds also do not meet the definition of a water body under Ontario Regulation 359/09 and are not considered to be fish habitat regulated by the Fisheries Act . Therefore, within the project location there are no water bodies (i.e., permanent watercourses, intermittent watercourses, seepage areas or lakes), as defined by Ontario Regulation 359/09.

Invenergy Canada will mitigate potential effects of the project on non-regulated ponds, headwater drainage areas and/or non-provincially significant wetlands in the project location, by maintaining the ecological function of these features (e.g., surface water hydrology). Also, based on the site conditions observed, no water crossings will be required to access the site.

Executive Summary

The proponent retained the services of Scarlett Janusas Archaeological and Heritage Consulting and Education (SJAHCE) to conduct a Stage 1 and 2 archaeological resource assessment on property proposed to be a solar farm. This property is located on part of Lot 13, Concession 6, in the geographic township of Eldon, Victoria County, Municipality of Kawartha Lakes, Ontario.

The study property is 47 ha in size, and in addition to the area of the proposed solar farm, and access road (15 metres wide) were also subject to archaeological assessment. Stage 2 archaeological field assessment was conducted over a period of three weeks beginning on August 10, 2010 and ending on August 27th, 2010. Weather conditions were conducive to archaeological assessment throughout the project.

Background research indicated that there are no registered archaeological sites within two kilometres of the study area. However, information from the Annual Archaeological Reports of Ontario suggests there are archaeological sites two concessions distant from the study area.

There are a number of extant structures located on the subject property – a modern residence is located at 764 Sandringham Road, and is accessed by a long driveway. In addition, there is evidence of two ruins on the property – the first a structure with a cellar and an outbuilding. None of the structures are located within any areas of projected development. The original proposed access road alignment has been relocated to the north to avoid any development impact to these ruins (BcGr-12). To the east of this ruin is the second ruins, a foundation with a cellar and a well, located approximately 120 meters east of the outbuilding associated with BcGr-12. This foundation has been assigned Borden No. BcGr-13. There are wire and wooden rail fences surrounding the property.

There are two identified soils within the study area. The first consists of Otonabee loam – shallow phase and Emily loam- shallow phase. The bedrock underlying the area is Trenton formation limestone.

The major drainage associated with the property is a tributary of the Staples River, which crosses the property once on an approximate north-south axis located in the southeast corner of the property. In addition, there is a large mixed willow mineral deciduous thicket swamp located approximately in the middle of the proposed solar farm, running in an approximate north-south axis. There are also numerous small wet areas located throughout the property.

Topography varies across the property, but the majority of the property exhibits a level topography with some moderately rolling hill topography.

The Stage 1 and 2 archaeological assessment of the study property was conducted under licence P027, (Scarlett Janusas, PIF #P027-106-2010) during three weeks in August 2010.

Based upon the background research of past and present conditions, a Stage 2 archaeological resource assessment, the following is recommended:

- Avoidance of the site BcGr-12 was recommended during the project, and the proponent concurred with the recommendation and rerouted the proposed access road to avoid any development impact to the area of BcGr-12.
- A Stage 3 archaeological assessment of the site BcGr-13 prior to any development.
- If development is imminent and cannot be delayed to accommodate the Stage 3 archaeological assessment of BcGr-13 immediately, then it is recommended, as an interim measure only, that a buffer of 20 m (from last artifact/cultural feature located) be established with appropriate fencing on all sides to ensure that all potential associated cultural features be avoided. This is a temporary measure only, and a Stage 3 archaeological assessment of BcGr-13 is still required.
- The remainder of the study area (where no cultural material or features were located) is recommended to be cleared of archaeological concerns; however,
- Should previously undocumented archaeological resources be discovered, they may be an archaeological site and therefore subject to Section 48 (1) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out archaeological fieldwork, in compliance with sec. 48 (1) of the Ontario Heritage Act;
- The Cemeteries Act requires that any person discovering human remains must notify the police or coroner and the Registrar of cemeteries, Ministry of Small Business and Consumer Services.

This archaeological assessment has been conducted under the 1993 Technical Standards and Guidelines (Government of Ontario).

This report is submitted to the Minister of Tourism and Culture as a condition of licensing in accordance with part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18. The report is reviewed to ensure that the licensed consultant archaeologist has met the terms and conditions of their archaeological licence, and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario (Government of Ontario, Ministry of Culture 2009:73).

Executive Summary

Scarlett Janusas Archaeological and Heritage Consulting and Education (SJAHCE) was retained by the proponent to conduct a Cultural Heritage Assessment for the property located on Lot 13, Concession 6, Eldon Township, former County of Victoria, City of Kawartha Lakes, Ontario.

Background research was conducted to determine the historical significance of the property. The research was complemented by a field visit to the site on August 10th, 2010. The research and field visit were conducted by Scarlett Janusas, B.A, M.A. of **SJAHCE**, with the assistance of research assistants Chelsea Robert and Amelia Sweiger.

The study property has four built properties (three of which are ruins) that are described herein. All of these properties are located on the east side of Sandringham Road. The properties include three ruins. Two of the ruins, a former residence and outbuilding are located at the east end of the west half of Lot 13, and the third ruin, also a former residence, is located at the west end of the east half of Lot 13. An extant building complex is located at 764 Sandringham Road. The property at 764 Sandringham consists of a two storey modern residence and garage, neither of which is deemed to exhibit heritage value. The three ruins on the property exhibit archaeological value, rather than built heritage significance. An archaeological assessment (Stage 1 and 2) of the property by **Scarlett Janusas Archaeological and Heritage Consulting and Education** (August 2010) has registered the ruins as two separate sites, BcGr-12 (the residence and outbuilding) and BcGr-13 (the residence).

The project is seeking a Renewable Energy Approval according to Ontario Regulation 359/09 issued under the Environmental Protection Act. The built heritage was evaluated using the criteria for determining cultural heritage value or interest, from the Ontario Heritage Act, Ontario Regulation 9/06. The Ontario Heritage Act, its Regulations and the Ontario Heritage Toolkit were consulted for this project, in addition to O. Reg. 359/09 of the Environmental Protection Act.

The property and buildings are not designated as a heritage property, nor currently recognized for their heritage or cultural value. None of the properties are, or have ever been, on any heritage list. The three ruins have been registered with the Ministry of Tourism and Culture as two separate archaeological sites, BcGr-12 and BcGr-13.

To the east, west and south of the large property block are areas of pasture. To the north is a farm complex, woodlot and some pasture lands. The west side is bounded by Sandringham Road, the south side is bounded by pasture which is currently undergoing evaluation for a green energy project, the east is bounded by Moor Road (a farm lane way), and the area to the north is bounded by a woodlot, pasture and farm complex.

Results of the cultural heritage assessment of the proposed Sandringham solar project are:

- There are no built features identified on the property with heritage value or interest, and
- There are no cultural heritage landscapes that will be severely impacted by the development of a solar farm on the subject property;
- There are two archaeological sites, BcGr-12, and BcGr-13, which are located on the study property. BcGr-12 was recommended for avoidance, and there are no solar panels or infrastructure, temporary or permanent, located near the site. BcGr-13 is located adjacent to the solar panel area, and is scheduled for a Stage 3 archaeological assessment the spring/summer of 2011.

**APPENDIX E: MUNICIPAL
CORRESPONDENCE**

Sandringham Solar Farm

November 2011

Ralph, Ryan

From: Ralph, Ryan
Sent: Wednesday, June 16, 2010 9:47 AM
To: jpyle@city.kawarthalakes.on.ca
Cc: dcarrol@city.kawarthalakes.on.ca
Subject: Invenergy Solar Projects

Hello Jane and Doug,

Invenergy Canada is a renewable energy developer with two solar projects in the very early stages of development within The City of Kawartha Lakes. We were recently awarded two Feed-In-Tariff (FIT) contracts from the Ontario Power Authority for the purchase of power from these projects. The two projects are located less than 10km from one another: one project is east of Sandringham Road (between Glenarm Road and Palestine Road) and the other is located at the intersection of Cambray and Woodville Roads.

With our FIT contracts in place, we are starting permitting of the projects under the province's Renewable Energy Approval process. This Friday we will be posting in area newspapers our notice of proposal and a date for our first public meeting (which will be taking place on July 21 at Woodville Town Hall.)

We are looking forward to working with the City of Kawartha Lakes on this project. It was our hope to meet with before Friday, but we have unable to reach you by phone. I am writing to ask for a meeting time with you to present our projects and answer to any questions you may have.

We look forward to the opportunity of meeting with you at your earliest opportunity.

With many regards,

Ryan Ralph
Business Development
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x 21
F: (905) 857-8948

Ryan Ralph
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Ralph, Ryan

From: Ralph, Ryan
Sent: Wednesday, July 14, 2010 12:53 PM
To: jpyle@city.kawarthalakes.on.ca
Cc: dcarrol@city.kawarthalakes.on.ca; Schroeder, Joel
Subject: RE: Invenergy Solar Projects

Good Morning Jane and Doug,

Furthermore to my previous correspondence, Invenergy Canada will be holding our first public meeting for our proposed Solar projects , next Wednesday July 21 at Woodville Town Hall. As my colleague Joel and myself will be in town for the event, I thought this would be a great opportunity to meet with you to discuss our proposals and answer any questions you may have at this time. We would be available to meet with you anytime between Noon and 3pm Wednesday July 21st or alternatively anytime in the morning of July 22nd. Please let me know if there is a time that works best for you.

We look forward to meeting with you.

Regards,

Ryan Ralph
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

From: Ralph, Ryan
Sent: Wednesday, June 16, 2010 9:47 AM
To: 'jpyle@city.kawarthalakes.on.ca'
Cc: 'dcarrol@city.kawarthalakes.on.ca'
Subject: Invenergy Solar Projects

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F: (905) 857-8948

Ralph, Ryan

From: Ralph, Ryan
Sent: Thursday, July 15, 2010 9:21 AM
To: Wendy Ellis
Subject: RE: Renewable Energy Projects - Solar Farms

Thanks Wendy,

- RR

-----Original Appointment-----

From: Wendy Ellis [mailto:wellis@city.kawarthalakes.on.ca] **On Behalf Of** Dev Services Board Room
Sent: Thursday, July 15, 2010 9:19 AM
To: Wendy Ellis; Ron Taylor; Doug Carroll; Ralph, Ryan
Subject: New Time Proposed: Renewable Energy Projects - Solar Farms
When: Wednesday, July 21, 2010 12:00 PM-1:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: Development Services Board Room

Please be advised the Renewable Energy Projects meeting has been re-scheduled to 1:30 - 2:30 p.m. on Wednesday, July 21, 2010 as requested by Ryan Ralph so that the Senior Development Manager from Invenenergy Canada can attend. Thanks.

New Meeting Time Proposed:
Wednesday, July 21, 2010 1:30 PM-2:30 PM (GMT-05:00) Eastern Time (US & Canada).

Ralph, Ryan

From: Doug Carroll <dcarroll@city.kawarthalakes.on.ca>
Sent: Tuesday, August 10, 2010 12:14 PM
To: Richard Holy
Cc: Ron Taylor; Ralph, Ryan
Subject: RE: Pre Consultation Form Deadline?

Richard: Please see Ryan's request & advise him of the deadline for submitting an application to be heard at the Sept. meeting of the Pre-consultation Committee.

Thanks.

Doug Carroll, MCIP, RPP
Manager of Planning
City of Kawartha Lakes
Development Services - Planning Division
180 Kent Street West,
Lindsay, ON K9V 2Y6
p (705) 324.9411, ext. 1240
tf 1.888.822.2225, ext. 1240
f (705) 324.4027

From: Ralph, Ryan [mailto:RRalph@invenergyllc.com]
Sent: Tuesday, August 10, 2010 11:57 AM
To: Doug Carroll; Ron Taylor
Subject: Pre Consultation Form Deadline?

Hi Ron & Doug,

Thanks again for taking the time to meet with us last month, it was very helpful. We are currently working on the pre-consultation documents as discussed at the meeting. I was wondering what the deadline is to get this form in for the September Pre-Consultation meeting?

Thanks,
Ryan Ralph
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Ralph, Ryan

From: Richard Holy <rholy@city.kawarthalakes.on.ca>
Sent: Tuesday, August 10, 2010 1:02 PM
To: Ralph, Ryan
Cc: Ron Taylor; Doug Carroll
Subject: RE: Pre Consultation Form Deadline?

Hi Ralph:

Please submit you preconsultation package with a concept plan by August 17 to get the proposal onto the September agenda.

Thanks you

Richard Holy, MCIP, RPP
Coordinator - Current Planning
Development Services - Planning Division
City of Kawartha Lakes
180 Kent Street West
Lindsay, ON K9V 2Y6
T 705-324-9411 x 1246
F 705-324-4027
TF 888-822-2225

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Sent: August 10, 2010 12:14 PM
To: Richard Holy
Cc: Ron Taylor; 'Ralph, Ryan'
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RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Ralph, Ryan

From: Richard Holy <rholy@city.kawarthalakes.on.ca>
Sent: Wednesday, August 11, 2010 4:10 PM
To: Ralph, Ryan
Subject: RE: Pre Consultation Form Deadline?

Hi Ryan:

The Preconsultation Committee will meet on September 2 in the Lindsay Library. There are 6 six time slots in the afternoon starting at 1 pm, each one half hour in length. There are only two available time slots left - first come first served.

Are you planning to go through the land use planning process?

Thanks

Richard Holy, MCIP, RPP
Coordinator - Current Planning
Development Services - Planning Division
City of Kawartha Lakes
180 Kent Street West
Lindsay, ON K9V 2Y6
T 705-324-9411 x 1246
F 705-324-4027
TF 888-822-2225

From: Ralph, Ryan [mailto:RRalph@invenergyllc.com]
Sent: August 11, 2010 3:11 PM
To: Richard Holy
Subject: RE: Pre Consultation Form Deadline?

Thanks Richard,

Can you tell me with the Pre-Consultation Committee will meet in September?

Ryan Ralph
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

From: Richard Holy [mailto:rholy@city.kawarthalakes.on.ca]
Sent: Tuesday, August 10, 2010 1:02 PM
To: Ralph, Ryan
Cc: Ron Taylor; Doug Carroll
Subject: RE: Pre Consultation Form Deadline?

Hi Ralph:

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Thanks you

Richard Holy, MCIP, RPP
Coordinator - Current Planning
Development Services - Planning Division
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F 705-324-4027
TF 888-822-2225

From: Doug Carroll
Sent: August 10, 2010 12:14 PM
To: Richard Holy
Cc: Ron Taylor; 'Ralph, Ryan'
Subject: RE: Pre Consultation Form Deadline?

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From: Ralph, Ryan [mailto:RRalph@invenenergyllc.com]
Sent: Tuesday, August 10, 2010 11:57 AM
To: Doug Carroll; Ron Taylor
Subject: Pre Consultation Form Deadline?

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P: (905) 857-6936 x.21
F: (905) 857-8948

Ralph, Ryan

From: Ralph, Ryan
Sent: Tuesday, August 17, 2010 8:45 AM
To: Richard Holy
Cc: Schroeder, Joel
Subject: Pre-Consultation Applications - Sandringham & Woodville Solar Farms
Attachments: Pre Consult Apps - Invenergy Solar.pdr.pdf

Importance: High

Hi Richard,

Attached is our Pre-Consultation package for our two Solar projects with cover letter, concept plans, project description reports and form of municipal consultation form. Please advise which time slot we are allocated for the Sept 2nd meeting.

Please let me know if you have any questions\comments regarding the attached.

Regards,

Ryan Ralph
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Ralph, Ryan

From: Ralph, Ryan
Sent: Tuesday, August 17, 2010 8:53 AM
To: rholy@city.kawarthalakes.on.ca
Cc: Schroeder, Joel
Subject: FW: Pre-Consultation Applications - Sandringham & Woodville Solar Farms
Attachments: Pre Consult Apps - Invenergy Solar 1 of 2.pdf

Importance: High

Richard,

See below. File was too big first time around. I have separated attachment into two. Email 1 of 2.

Regards,

Ryan Ralph
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergylc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

From: Ralph, Ryan
Sent: Tuesday, August 17, 2010 8:39 AM
To: 'Richard Holy'
Cc: Schroeder, Joel
Subject: Pre-Consultation Applications - Sandringham & Woodville Solar Farms
Importance: High

Hi Richard,

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Please let me know if you have any questions\comments regarding the attached.

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Bolton, ON L7E 1C7
RRalph@invenergylc.com
P: (905) 857-6936 x.21

F: (905) 857-8948

Tracking:

Recipient

rholy@city.kawarthalakes.on.ca

Schroeder, Joel

Delivery

Delivered: 8/17/2010 8:55 AM

August 16th, 2010

Attn: Pre-Consultation Committee, City of Kawartha Lakes
180 Kent St. W
Lindsay, ON
K9V 2Y6

RE: Pre-Consultation Application for Sandringham & Woodville Solar Farm Proposals

Dear Committee:

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two 10 megawatt (MW) solar farms near the community of Woodville in the City of Kawartha Lakes. In July, Invenergy staff met with The City of Kawartha Lakes development services to introduce the project proposals, it was suggested that Invenergy submit applications to the Pre-Consultation committee for review and comments on the two projects. Under the provisions of the Green Energy Act, the formal project approvals are received from the Ministry of Environment through the Renewal Energy Approval (REA) process rather than a traditional municipal planning process. Although these projects do not fall under the standard municipal planning act amendment process, Invenergy is required to formally consult with the municipality as part of the REA process. To begin the formal consultation process, it was suggested at our previous meeting that Invenergy submit pre-consultation applications to encourage communication and feedback between the municipality and the proponent to identify requirements from both parties throughout this development process.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground.

Invenergy Canada has received contracts from the Ontario Power Authority ("OPA") for the purchase of electricity generated by photovoltaic solar panels from these solar farms through the Province's Feed-in-Tariff ("FIT") program and is in the process of completing the following technical reports which are required for the Renewable Energy Approval ("REA") submission to the Ministry of the Environment. The draft REA document package will be made available to the municipality 60 days prior to our final public information session. The REA submission will contain the following reports:

- **Construction Plan Report** – This report will include a description of the following: construction activities; location and timing of the construction; potential negative effects that might be incurred during construction; and mitigation measures to be implemented to avoid/minimize the identified effects.
- **Natural Heritage Features Summary Report** – A description of the natural heritage features in the project area (birds, bats, vegetation, terrestrial and aquatic wildlife and habitats) and demonstration that required REA setbacks from natural features have been met.
- **Water Assessment Summary Report** – A summary of water features in the project area and demonstration that the required REA setbacks from water features have been met.
- **Design and Operations Report** – A description of the following: site plan of the project showing all project components and their locations; surface water supplies to be used, potential emissions and waste; an environmental effects monitoring plan; and response plan to communicate with affected parties.
- **Consultation Report** – A summary of communication and consultation activities conducted to date with the public, government agencies and Aboriginal communities as well as a summary of the communication and consultation activities that are planned for the future under the REA process, including responses to concerns that are received.
- **Decommissioning Plan Report** – A description of the activities that are to be undertaken should the facility be decommissioned including: procedures to dismantle the facility; land restoration activities; and procedures for waste management.
- **Noise Study Report** – A description of the noise modeling results to demonstrate that the renewable energy facility will meet MOE specified noise standards.

As requested, you will find two completed City of Kawartha Lakes pre-consultation applications, one for each proposed project complete with corresponding concept plans and project description reports for the committee's review attached to this letter. Additionally, you will find the REA municipal consultation form attached. A formal submittal of the REA municipal consultation form to the City of Kawartha Lakes will be made soon. An Invenergy representative will attend the September 2nd pre-consultation meeting to address any of the committee's questions regarding the proposals. Please advise us on what time slot our applications have been allocated. We look forward to meeting with you in September and working with City of Kawartha Lakes.

Please contact me with any questions or comments.

Invenergy **Invenergy Canada ULC**
12 King Street West Bolton Ontario L7E 1C7
905.857.6936 | www.invenergycanada.com

Sincerely,



Ryan Ralph
Development Manager
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21

CITY OF KAWARTHA LAKES

PRECONSULTATION APPLICATION FOR PROPOSED AMENDMENTS UNDER THE PLANNING ACT

1. APPLICANT INFORMATION:

1.1. Name of Applicant:

Name:	Invenergy Solar Canada ULC		
Address:	12 King St. West		
City:	Bolton	Postal Code	L7E 1C7
Tel No.:	905-857-6936	Fax No.:	905-857-8948
Email:	rralph@invenergylc.com		

1.2. Name of Owner(s) *(If different from applicant)*

Name:			
Address:			
City:		Postal Code	
Tel No.:		Fax No.:	
Email:			

1.3. Communication should be sent to: Owner ☐ Applicant ☒ (place check in box or bold applicable one) or to the following:

Name:			
Address:			
City:		Postal Code	
Tel No.:		Fax No.:	
Email:			

2. DESCRIPTION OF SUBJECT LAND *(Complete the applicable lines.)*

Local Municipality (Prior to January 1, 2001):	Eldon		
Conc. Numbers(s):	6	Lot Number(s):	N1/2 LT 13, S1/2 LT 13
Registered Plan Number:		Lot(s)/Block(s):	
Reference Plan Number:		Part Number(s):	
Municipal Address (911 Address) :	764 Sandringham Rd., Woodville, Ont, K0M2T0		
Assessment Roll Number(s): (if known)	PIN# 631730128		

3. CURRENT LAND USES:

Please describe the current uses on the property.

- Pasture Land - Cattle

4. PROPOSED LAND USES:

Please describe a written description of the proposed uses to go on the property. Complete the table as applicable. Note: It is recognized that this is a proposal for presentation to the City. Therefore a best estimate or variations on the proposal are permissible.

Invenenergy Canada proposes to develop a solar farm with a maximum name plate capacity of 10MW AC, located near the Community of Woodville in the City of Kawartha Lakes. The renewable energy facility will be rated as a 'Class 3 Solar Facility'.

Proposed Land Use	Type of Use		Area (ha)
Residential		Number of units or dwellings	
	Single Detached		
	Semi Detached		
	Duplex		
	Townhouses		
	Apartments		
	Total		
		Total GFA of Buildings	
Commercial	Gross Floor Area of Buildings		
Industrial	Gross Floor Area of Buildings		
Institutional (specify)	Gross Floor Area of Buildings		
Park, Open Space			
Other			
Roads			
TOTALS			

5. Please describe any site alteration or grading on the subject land, including adding earth or other material?

Solar Farm construction activities on the subject land may include the following:

- ☐ Site Clearing
- ☐ Site Grading
- ☐ Installation of Site Fencing
- ☐ Installation of Erosion and Sediment Control Measures
- ☐ Underground AC cable trenching and installation
- ☐ Underground DC cable trenching and installation
- ☐ Rack piling installation
- ☐ Rack table top installation
- ☐ Solar module installation
- ☐ Solar module DC wiring installation
- ☐ Installation of Inverter Foundations
- ☐ Installation of Inverters
- ☐ Installation of padmount transformers

6. Please outline any existing or previous industrial or commercial use on the subject or adjacent land.

N/A

7. Please describe the proposed servicing:

Water (connected to municipal system, individual lot servicing, communal system, well, surface source, etc.)	Water if determined necessary, would be obtained from a small private well. Water is only necessary as water to occasionally clean the solar panels.
Waste Water (connected to municipal system, individual lot servicing, or communal system)	Waste water not expected.
Storm Water Management	Project is not expected to change flow of stormwater.
Road Access - Internally and Externally	Road Access would be from Glenarm road up to a new entrance on Sandringham Road.

8. Additional Information

Please provide additional information that may be of assistance in reviewing the proposal.

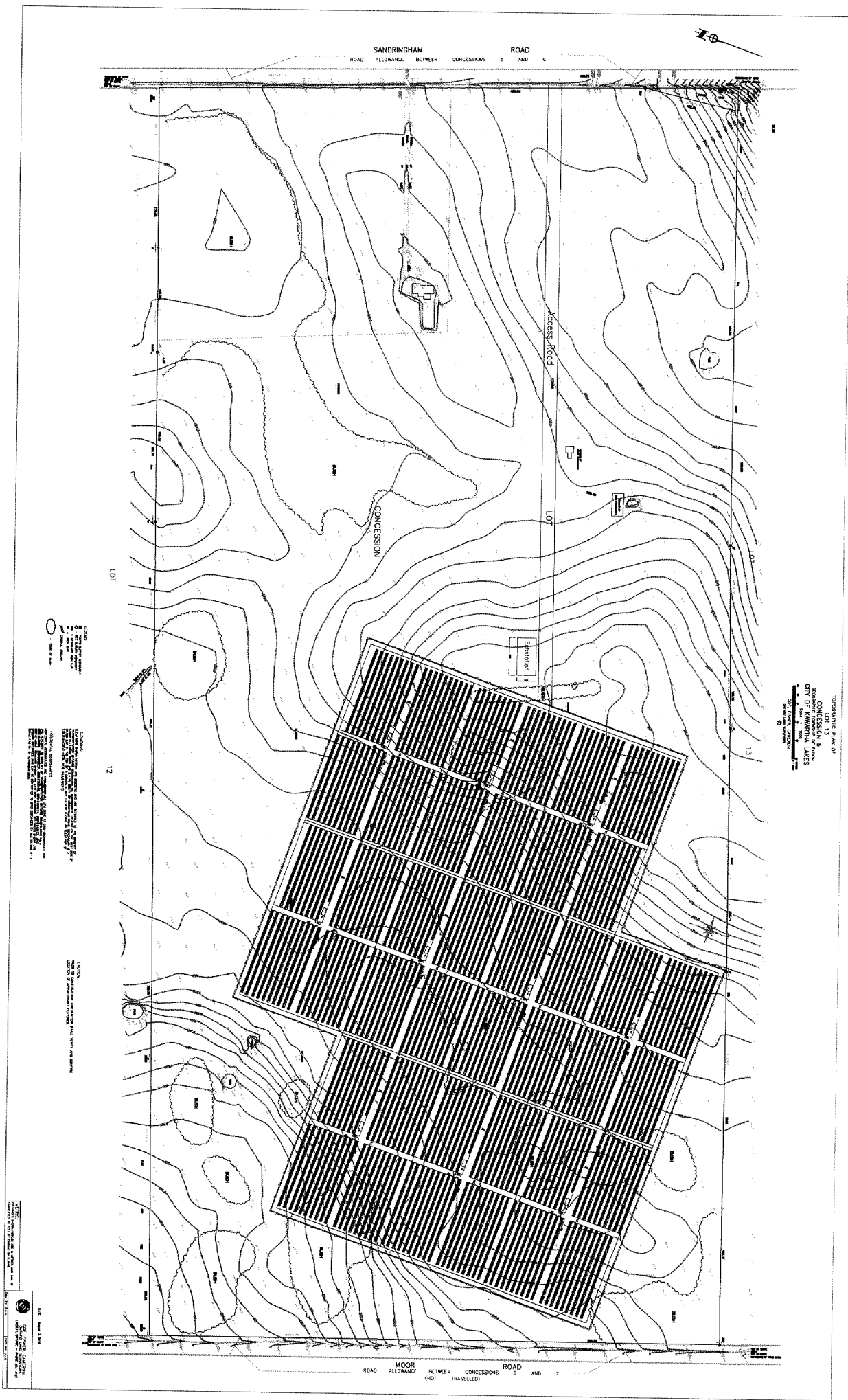
See attached project description report

9. Please include additional information such as a plan of the property, concept plan, etc.

(a concept plan on letter, legal or 11 x 17 size paper would be beneficial to circulate to the Preconsultation Committee)

This application can be submitted to the Planning Division at the following address by e-mail, fax or in hard copy. If you have any questions please contact:

Richard Holy, Coordinator - Current Planning
Development Services
City of Kawartha Lakes
180 Kent St. W., Lindsay ON K9V 2Y6
Tel: 705-324-9411 x1246
Fax: 705-324-4027
rholy@city.kawarthalakes.on.ca



Topographic Map of
CONCESSION 6
CITY OF KAWARTHA LAKES
Scale: 1:50,000
Date: 1998

Legend:
1. Sandringham Road
2. Concession 6
3. Concession 5
4. Concession 7
5. Access Road
6. Shed
7. Well
8. Contour Lines
9. Elevation
10. North Arrow
11. Scale
12. Date

City of Kawartha Lakes
Planning Department
1000 Highway 104
Brampton, Ontario L6Y 4R2
Phone: (905) 874-2222
Fax: (905) 874-2223
Email: info@kawarthalakes.ca

CITY OF KAWARTHA LAKES

PRECONSULTATION APPLICATION FOR PROPOSED AMENDMENTS UNDER THE PLANNING ACT

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Name:	Invenergy Solar Canada ULC		
Address:	12 King St. West		
City:	Bolton	Postal Code	L7E 1C7
Tel No.:	905-857-6936	Fax No.:	905-857-8948
Email:	rralph@invenergyllc.com		

1.2. Name of Owner(s) *(If different from applicant)*

Name:			
Address:			
City:		Postal Code	
Tel No.:		Fax No.:	
Email:			

1.3. Communication should be sent to: Owner ☐ Applicant ☒ (place check in box or bold applicable one) or to the following:

Name:			
Address:			
City:		Postal Code	
Tel No.:		Fax No.:	
Email:			

2. DESCRIPTION OF SUBJECT LAND *(Complete the applicable lines.)*

Local Municipality (Prior to January 1, 2001):		Mariposa	
Conc. Numbers(s):	15	Lot Number(s):	PT N1/2 LT 19
Registered Plan Number:		Lot(s)/Block(s):	
Reference Plan Number:		Part Number(s):	
Municipal Address (911 Address) :		1126 Woodville Rd., Woodville, Ont, K0M2T0	
Assessment Roll Number(s): (if known)		PIN 63183007 1	

3. CURRENT LAND USES:

Please describe the current uses on the property.

- Back portion of property farmed for wheat crop only

4. PROPOSED LAND USES:

Please describe a written description of the proposed uses to go on the property. Complete the table as applicable. Note: It is recognized that this is a proposal for presentation to the City. Therefore a best estimate or variations on the proposal are permissible.

Invenenergy Canada proposes to develop a ground mounted solar farm with a maximum name plate capacity of 10MW, located near the Community of Woodville in the City of Kawartha Lakes. The renewable energy facility will be rated as a 'Class 3 Solar Facility'.

Proposed Land Use	Type of Use		Area (ha)
Residential		Number of units or dwellings	
	Single Detached		
	Semi Detached		
	Duplex		
	Townhouses		
	Apartments		
	Total		
		Total GFA of Buildings	
Commercial	Gross Floor Area of Buildings	Potential O&M building less than 560 square meters	
Industrial	Gross Floor Area of Buildings		
Institutional (specify)	Gross Floor Area of Buildings		
Park, Open Space			
Other			
Roads			
TOTALS			

5. Please describe any site alteration or grading on the subject land, including adding earth or other material?

Solar Farm construction activities on the subject land may include the following:

- ☐ Site Clearing
- ☐ Site Grading
- ☐ Installation of Site Fencing
- ☐ Installation of Erosion and Sediment Control Measures
- ☐ Underground AC cable trenching and installation
- ☐ Underground DC cable trenching and installation
- ☐ Rack piling installation
- ☐ Rack table top installation
- ☐ Solar module installation
- ☐ Solar module DC wiring installation
- ☐ Installation of Inverter Foundations
- ☐ Installation of Inverters
- ☐ Installation of padmount transformers

6. Please outline any existing or previous industrial or commercial use on the subject or adjacent land.

N/A

7. Please describe the proposed servicing:

Water (connected to municipal system, individual lot servicing, communal system, well, surface source, etc.)	Water would be obtained from a private well.
Waste Water (connected to municipal system, individual lot servicing, or communal system)	If an O&M building is installed, waste water would be discharged to a septic system.
Storm Water Management	Little impervious area would be added to the site so few changes to the existing storm water is expected.
Road Access - Internally and Externally	Main access would be from Cambray Road with secondary access from Woodville Road.

8. Additional Information

Please provide additional information that may be of assistance in reviewing the proposal.

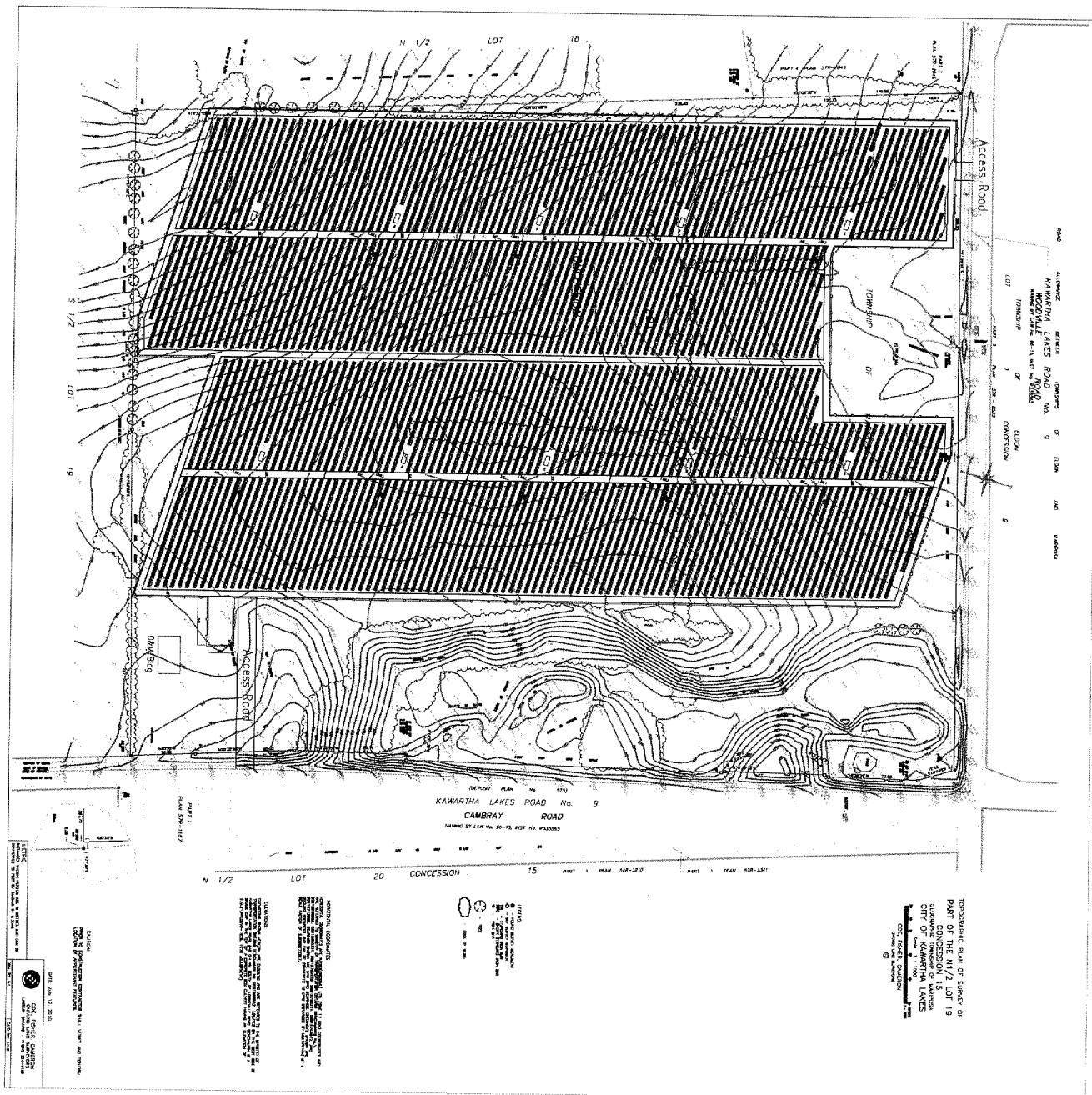
See attached project description report

9. Please include additional information such as a plan of the property, concept plan, etc.

(a concept plan on letter, legal or 11 x 17 size paper would be beneficial to circulate to the Preconsultation Committee)

This application can be submitted to the Planning Division at the following address by e-mail, fax or in hard copy. If you have any questions please contact:

Richard Holy, Coordinator - Current Planning
Development Services
City of Kawartha Lakes
180 Kent St. W., Lindsay ON K9V 2Y6
Tel: 705-324-9411 x1246
Fax: 705-324-4027
rholy@city.kawarthalakes.on.ca



**Woodville Solar Farm
Renewable Energy Approval
(REA)
*Draft Project Description Report***

July 9th, 2010

10-3523

Prepared by

**Dillon Consulting
Limited**

Submitted by

Invenergy Solar Canada ULC

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Woodville Solar Farm DRAFT Project Description Report

1.0 INTRODUCTION

The Woodville Solar Farm project is being planned by Invenergy Solar Canada ULC (Invenergy Canada). This draft Project Description Report is being submitted to the Ministry of Environment (MOE) as required under the Renewable Energy Approvals (REA) process as outlined in *Ontario Regulation 359/09* and is being made available for public viewing.

Invenergy Canada proposes to develop a solar farm with a maximum name plate capacity of 10 MW AC, located near the Community of Woodville in the City of Kawartha Lakes. The renewable energy facility will be rated as a 'Class 3 Solar Facility'.

Invenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this solar farm through the Province's Feed-in-Tariff (FIT) program (enabled by the *Green Energy and Green Economy Act*). The project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval (REA)* under Section V.0.1 of the *Ontario Environmental Protection Act*. The REA process replaces previous requirements for several separate approvals under (among others) the *Environmental Assessment Act*, *Planning Act* and *Environmental Protection Act*.

2.0 CONTACT INFORMATION

The proponent, Invenergy Canada, would be pleased to receive any comments, concerns or questions about the project or this draft Project Description Report and is committed to public consultation throughout the REA process. Contact information for Invenergy Canada is as follows:

Company Name:	Invenergy Canada
Company Address:	12 King Street West Bolton, ON L7E 1C7
Company Website:	http://woodville.invenergyllc.com
Development Manager:	Ryan Ralph
Telephone:	(905) 857-6936
Fax:	(905) 857-8948
Email:	RRalph@invenergyllc.com

3.0 AUTHORIZATIONS REQUIRED

The following is a list of permits, licences and authorizations that will be obtained in addition to REA approval that are anticipated for the project to proceed:

- MNR confirmation on natural heritage and water assessment;
- Archaeological Clearance of Stage 1 and 2 work by the Ministry of Culture;
- Road Users Agreement and Building Permit from the City of Kawartha Lakes (to be confirmed); and,
- Permits from applicable Conservation Authorities to be confirmed.

It is not anticipated that the project will fall under any additional EA regimes.

4.0 FEDERAL INVOLVEMENT

The proposed project site is not located within Crown lands, nor will any crossings be required over water bodies or watercourses. As such, we do not anticipate federal involvement, permits, or EA processes in the proposed solar project. No application for federal funding has or will be submitted.

5.0 PROJECT LOCATION AND MAPS

The proposed solar farm would be located at 1126 Woodville Road near the community of Woodville in the City of Kawartha Lakes. The solar resource quality in this region is very good and the site was selected by considering daily average solar radiation, ease of access to the local electrical system and environmental considerations. All project components; including solar modules and electrical facilities such as inverters, transformers, substations and electrical lines, will be located on private land or municipal rights-of-way.

Figure 1 provides the geographical location of the proposed project within the City of Kawartha Lakes, Ontario, with the project site highlighted in *Figure 2*. The project boundary and details on natural features, required REA setbacks, roads, facilities and other features within 300m of the project boundary, are provided on an aerial photograph in *Figure 3*.

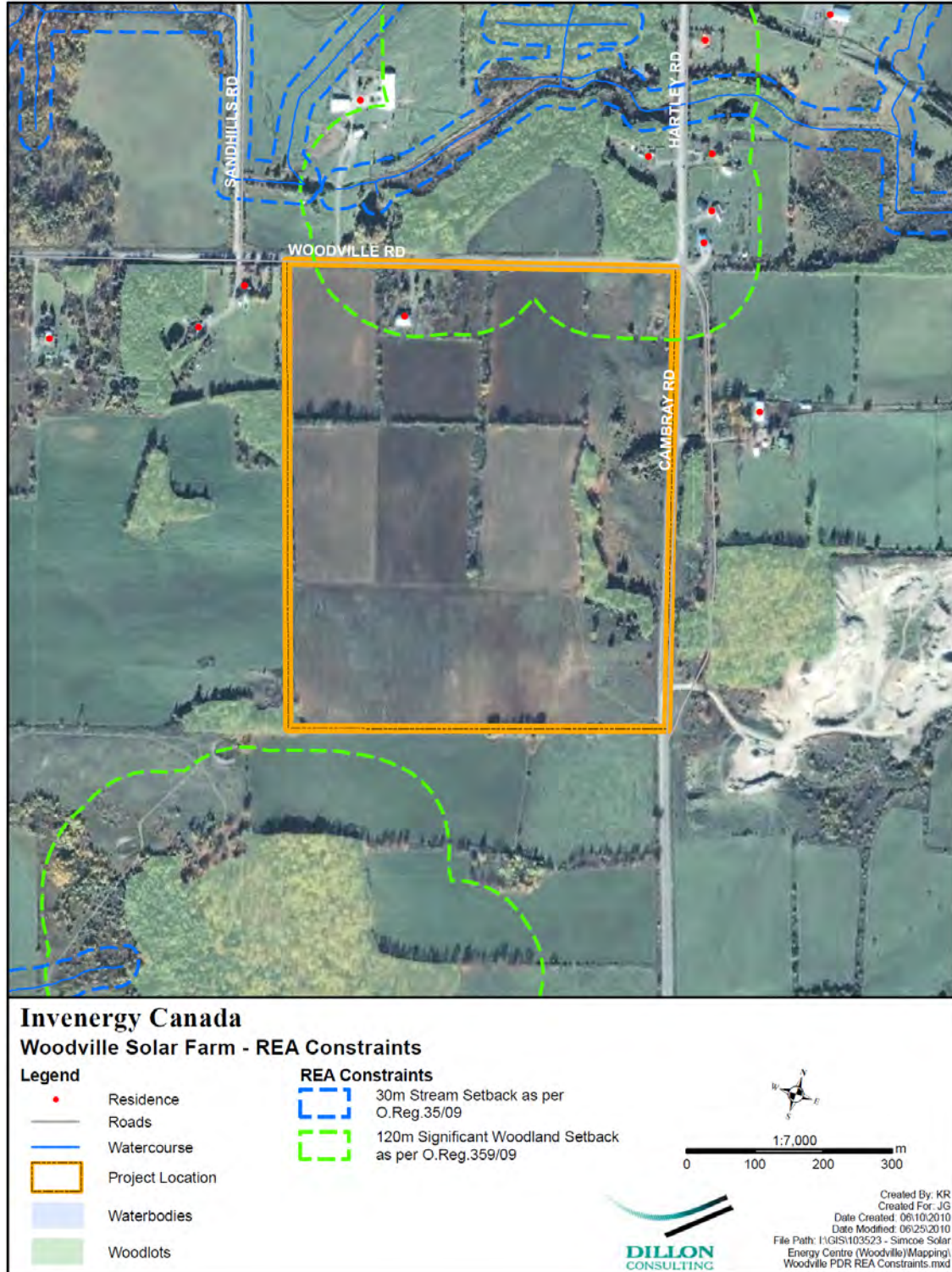
Figure 1: Project Context



Figure 2: Project Location



Figure 3: REA Constraints Map



6.0 TECHNICAL INFORMATION

6.1 ENERGY SOURCES

The primary source of energy used to generate electricity is the kinetic solar energy of moving photons. The kinetic solar energy will be converted to electrons by the solar photo voltaic cells, creating direct current electricity. Gasoline or diesel engines will be used to power construction vehicles and trucks to transporting equipment to the site.

6.2 PROJECT COMPONENTS

The following presents a description of the project components, both temporary and permanent, that will be used to construct, maintain and decommission the solar energy facility are provided below. This description of project components will be further developed through the REA process and then during final design.

6.2.1 Solar Modules

Photovoltaic (PV) modules will be employed to convert solar irradiance into electricity. PV modules are made up of semiconductors (such as silicon) and act as diodes that force electrons to flow in only one direction after being freed by the bombardment of photons from the sun. The electricity is collected from the modules as direct current (DC) electricity which is transformed into three-phase alternating current (AC) by centralized inverters.

Solar modules vary in material, size, and output. Modules employed for the project may range between 50W and 280W depending on the availability of Ontario content compliant modules. Final selection of the modules will be made following an evaluation of available Ontario content compliant modules.

6.2.2 Inverters

The role of the inverter is to convert DC power from the solar modules into AC power that can be injected into the electrical grid. Utility scale inverters are typically sized between 250 and 500 kW. Power from the inverters will be routed to nearby padmount transformers to step the voltage up to the medium voltage of the underground AC collection system.

6.2.3 Infrastructure

Modules are mounted on racks with steel posts driven or screwed into the ground as foundations. The modules are clamped to a steel or aluminum table. The modules generally face south, tilted to an angle that optimizes power output, and spaced such that shading from one rack to the next is limited. Depending on the size of the module and how many rows of modules are installed on a rack, the spacing between rows generally ranges between 18 and 25 feet.

Several modules are connected together electrically in series to form a “string.” Strings are connected together electrically in parallel with combiner boxes. The “combined” electricity is carried to the inverters by larger cables that can accommodate the higher electrical current output from the combiner boxes. The inverters convert the direct current electricity generated by the solar modules to 3 phase – alternating current electricity. The output power from one or more inverters is connected to a nearby padmount transformer where the electrical voltage is stepped up to a medium voltage. Underground electrical cables collect the AC power generated by the inverters and deliver it to an onsite project substation. This substation will contain a circuit breaker to isolate the facility from Hydro One’s network and contain a step up transformer to step the medium voltage of the collection system to Hydro One’s distribution system operating voltage of 44 kV.

6.2.4 *Access Roads*

The site will be accessed from Woodville and/or Cambray Roads. On-site access roads will be developed. Row to row rack spacing will be large enough such that service vehicles can access modules and wiring for maintenance. A central on-site road will allow a service vehicle to laterally access each inverter directly.

6.2.5 *Perimeter Fence*

For safety and security purposes, a chain link fence will be installed around the entire site perimeter.

6.2.6 *Temporary Storage Areas*

A small area will be utilized for construction trailers, craft parking, and temporary material storage. In general, material deliveries will be scheduled as required minimizing the need for temporary material storage. To the extent possible, the logistics of material delivery will be optimized to deliver material directly to the required installation area.

6.3 RENEWABLE ENERGY GENERATION FACILITY CLASS

The proposed Woodville Solar Farm is considered to be a “Class 3 Solar Facility” according to O. Reg 359/09 Section 4. This section states that any solar facility with a capacity of over 10kW that is not mounted on the wall or roof of a building shall be considered ‘Class 3’. The proposed project will have a nameplate capacity of 10 MW AC.

6.4 PROJECT ACTIVITIES

The following table provides a general overview of project activities during the construction, operation/maintenance and decommissioning phases.

Project Activities	
Construction Activities	Solar Farm: • Site Clearing • Site Grading • Installation of Site Fencing • Installation of Erosion and Sediment Control Measures • Underground AC cable trenching and installation • Underground DC cable trenching and installation • Rack piling installation • Rack table top installation • Solar module installation • Solar module DC wiring installation • Installation of Inverter Foundations • Installation of Inverters • Installation of padmount transformers
	Substation: • Site clearing and grading • Installation of Foundations • Installation of 44 kV step up transformer • Installation of Revenue metering • Installation of breaker and disconnect switches
	Transmission Lines: • Installation by Hydro One of a 44 kV line to the site likely along Cambray Road
Operation and Maintenance Activities	Solar Farm: • Inverter preventative maintenance • Panel washing • Thermal imaging of electrical connections • Padmount transformer periodic maintenance • Solar Module replacement as necessary • General repair and maintenance work • Ground maintenance
	Project Substation • Relay functional checks • Transformer periodic maintenance • Substation equipment periodic maintenance

Project Activities	
Decommissioning Activities	Solar Farm: • Removal of Solar Modules • Removal of racks • Removal of Module Wiring • Removal of Combiner Boxes • Removal of Inverters and Foundations • Recycling of recyclable materials and disposal of the other items • Reseeding as necessary
	Substation: • Removal of substation equipment • Removal of substation foundations to a depth of at least 36 inches • Reseeding as necessary

6.5 NAMEPLATE CAPACITY

The total nameplate capacity of the renewable energy facility will be 10 MW AC. The instantaneous output of the facility at any given time will be dependent on the weather, the solar module selected, and the final design of the facility. The maximum instantaneous output will be 10 MW AC.

6.6 LAND OWNERSHIP

The land is privately owned and will be leased to the proponent, Invenergy Canada, for 20 years with an option to extend. The legal description for the property is Part N ½ Lot 19, Concession 15, Mariposa Township, City of Kawartha Lakes.

7.0 DESCRIPTION OF ENVIRONMENTAL EFFECTS

This section outlines possible environmental effects that could result during the construction, operation, maintenance, or decommissioning of the project. Management and mitigation measures, along with greater detail and more specific effects will be provided in future REA documents.

7.1 HERITAGE AND ARCHAEOLOGICAL RESOURCES

A Stage 1 Archaeological Assessment (background study and property inspection) is being undertaken for the proposed Woodville Solar Farm in Kawartha Lakes, Ontario. The assessment is being conducted in accordance with the *Ontario Heritage Act* (MCL 2005) and using the

Ministry of Culture's *Draft Standards and Guidelines for Consultant Archeologists* (MCL 2009). The Stage 1 work will confirm the need for additional archaeological investigations.

7.2 NATURAL HERITAGE RESOURCES

The Project Area consists of a single rural dwelling and agricultural fields. Naturalized vegetation communities exist on the eastern edge of the site, including a graminoid meadow with small stands of white cedar, and a small, remnant patch of sugar maple forest.

Although the local planning authority has not undertaken a Significant Woodland evaluation for the municipality that incorporates the Project Area, a wooded area north of the Project Area may qualify as Significant Woodland according to the size criteria outlined in the Natural Heritage Reference Manual (MNR 2010) (i.e., woodlots $\geq 4\text{ha}$). The size criterion is based on the area of forest cover in the McLarens Creek Subwatershed (i.e., 13.77%), which includes the Project Area. The REA Setback for the Significant Woodland (i.e., 120m) extends into the northwest corner of the site (see **Figure 3**). Encroachment into this REA Setback, if required, is not expected to result in any adverse impacts to the form and function of the woodland feature. Woodville Road separates the proposed project site from the potential Significant Woodland to the north.

There are no Provincially Significant Wetlands, Significant Valleylands, Significant Wildlife Habitat or Areas of Natural and Scientific Interest within 120m of the Project Area. Further, no species at risk listed under the provincial *Endangered Species Act* or federal *Species at Risk Act* were documented in the Project Area.

The bird community documented in the Project Area is typical of agricultural influenced landscapes, with the exception of a small number of grassland specialist bird species (e.g., bobolink, clay-coloured sparrow and grasshopper sparrow). Also, a small pond located directly south of Woodville Road/Cambray Road intersection on the property had Painted Turtle (*Chrysemys picta*), a common herpetofauna species.

7.3 WATER BODIES

The Woodville Site is in the Sturgeon Lake Watershed - McLarens Creek Subwatershed. There are no water bodies (i.e., permanent watercourses, intermittent watercourses, seepage areas or lakes), as defined by Ontario Regulation 359/09, in the Project Area. A small pond exists near the southwest corner of Woodville Road and Cambray Road. Road drainage occurs along Woodville Road and Cambray Road; however, at the time of the site investigation no water was observed.

The pond observed on site does not meet the definition of a water body as stated above, and therefore, is not subject to REA Setbacks. As no water bodies are present in the Project Area,

and the renewable energy facility does not create emissions which could travel by air to water bodies, no aquatic impact is expected.

7.4 AIR, ODOUR, DUST

Once operational, the renewable energy facility will not create dust, odours or emissions to air. During construction, increases in particulate matter (dust) will be experienced in the adjacent area, which are predominantly agricultural and industrial uses. However, there are a few isolated residential dwellings in the surrounding area (the closest residence to the site is approximately 60 m from the project boundary). Additionally, there will be emissions from the diesel engines of construction machinery and equipment which will cause temporary negative impacts to local air quality. The impacts will be localized and temporary and will not have a significant impact on regional air emission and climate change. Appropriate air quality mitigation measures will be implemented during construction.

7.5 NOISE

During the construction period, which is expected to be 6 to 9 months, construction activities will lead to elevated levels of noise in the area. Efforts will be made to minimize this noise. Once the solar project has been constructed and is operational, the only noise generated will be from the inverters and project transformers. These noise levels will be modelled to confirm that regulated noise levels are met. Minimal noise (vehicles, spray washing) could also be experienced by nearby receptors during times of periodic maintenance.

7.6 LAND USE AND RESOURCES

The subject property will have one single family home on it, which is currently under construction. Portions of the land have been used for agricultural purposes (cash crop) for many years. Currently, wheat is grown on the southern portions of the property. The surrounding land use is dominated by agriculture activities. Scattered residences are nearby and a gravel pit exists to the east of the facility.

The subject property is zoned Agricultural A1 in the Township of Mariposa Comprehensive Zoning Bylaw 94-07 and designated Agricultural in the Victoria County Official Plan, which both allow farming related uses on the property.

Figure 3, highlights the existing residences on the subject lands and lands adjacent to the project boundary for a minimum of 300 m.

The proposed solar energy farm is physically low-profile and would be non-obtrusive to the surrounding community. Once constructed, the solar energy farm will have no moving parts and produce minimal noise, no harmful emissions and no other form of waste product. Inverters and padmount transformers will be placed on concrete pad foundations. The arrays will be spaced in

order to minimize shading on the modules and a resulting decrease in output. Short native vegetation will be grown beneath and between the panel rows to control erosion.

Given the details above, there would be no off-site impact on air, soil or water quality and subsequently no impact on surrounding agricultural operations or human population.

7.7 PROVINCIAL AND LOCAL INFRASTRUCTURE

Only the use of local roads, during construction, will be required in terms of local infrastructure. Any local roads damaged during construction would be repaired by Invenergy Canada. No other municipal services are anticipated to be required.

7.8 PUBLIC HEALTH AND SAFETY

As noted in Sections 3.4 and 3.5, potential impacts to public health and safety are minimal but include those generally related to construction. Noise, vibration and dust during construction are the key causes of human health impacts. The level of noise, vibration, dust and emissions expected during construction will likely be small, localized and temporary in nature. Noise (and vibration) generated by construction machinery and equipment will be temporary and localized, and mitigation measures will be implemented to address or eliminate the impacts.

An Emergency Response Plan will also be prepared in the event of an emergency on the site.

7.9 AREAS PROTECTED UNDER PROVINCIAL PLANS AND POLICY AREAS

We have reviewed the site and it does not fall within the Lake Simcoe Watershed Protection Plan area. As there are no protected areas located in or near the project site, there are no anticipated impacts to protected areas.

8.0 NEXT STEPS

A public information centre (PIC) is scheduled for Wednesday July 21, 2010.

Following this PIC, Invenergy Canada will release the following draft REA reports and provide Aboriginal Communities, Government Agencies and the public at least 60-days to review these reports prior to the second PIC being held.

- ✓ **Construction Plan Report** – This report will include a description of the following:
 - Construction activities;
 - The location and timing of the construction;
 - Potential negative effects that might be incurred during construction;
 - Mitigation measures to be implemented to avoid/minimize the identified effects.
- ✓ **Decommissioning Plan Report** – A description of the activities that are to be undertaken should the facility be decommissioned including:
 - Procedures to dismantle the facility;
 - Land restoration activities;
 - Procedures for waste management.
- ✓ **Design and Operations Report** - This will be the principal document containing the details of the project, including:
 - A Site plan of the project showing all project components and their location;
 - A description of how the project will be operated;
 - A description of how environmental effects will be mitigated and an environmental effects monitoring plan;
 - Emergency Response and Communications Plan.
- ✓ **Natural Heritage Features Summary Report** – A description of the natural heritage features in the project area (birds, bats, vegetation, terrestrial wildlife and aquatic) and demonstration that the required REA setbacks from natural heritage features have been met.
- ✓ **Noise Study Report** – A Noise Study Report will be prepared to demonstrate that the facility is in compliance with regulatory requirements pertaining to the types of operations that may occur at the facility. The report will be prepared in accordance with the MOE requirements as set out in NPC-233 and NPC-205.

Following the second PIC, the following report would be prepared:

- ✓ **Consultation Report** – Summary of communication and consultation activities conducted with the public, government agencies and First Nation communities as part of the REA approval process including responses to concerns that are received. Also to be included is a summary of the communication and consultation activities that are planned to be undertaken.

The full REA documentation package would then be completed and submitted to the MOE for their review and approval.

Ministry of the Environment

PART A: TO BE COMPLETED BY THE APPLICANT BEFORE SUBMITTING TO MUNICIPALITY OR LOCAL AUTHORITY

Section 1 - Project Description

1.1 - Renewable Energy Project

 Project Name *(Project identifier to be used as a reference in correspondence)*

Project Location

 Same as Applicant Physical Address? ☐ Yes ☐ No (If no, please provide site address information below)

 Civic Address- Street information *(includes street number, name, type and direction)*

 Unit Identifier *(i.e. apartment number)*

 Survey Address *(Not required if Street Information is provided)*

 Lot and Conc.:
used to indicate location within a subdivided township
and consists of a lot number and a concession
number.

 Part and Reference:
used to indicate location within unorganized territory, and consists of a part and a reference plan
number indicating the location within that plan. Attach copy of the plan.

Lot

Conc.

Part

Reference Plan

 Location Information *(includes any additional information to clarify physical location)(e.g. municipality, ward/ township)*

 Geo Reference *(e.g. southwest corner of property)*

Map Datum

Zone

Accuracy Estimate

Geo Referencing Method

UTM Easting

UTM Northing

 Project Phasing *(outline construction, operation and decommissioning activities)*

1.2 - Environmental Context

 Describe any negative environmental effects that may result from engaging in the project *(consider construction, operation and decommissioning activities.)*

Propose early avoidance/prevention/mitigation concepts and measures.

1.3 - Renewable Energy Generation Facility

Type of Facility / Operation (select all that apply & complete all appropriate sections)

☐ Wind Facility (Land Based)

☐ Wind Facility (Off-Shore)

☐ Biogas Facility (Anaerobic Digesters)

☐ Biomass Facility (Thermal Treatment)

☐ Biofuel Facility

☐ Solar Photo Voltaic Facility

☐ Other Describe :

☐ Class (if applicable) :

Name Plate Capacity	Expected Generation	Service Area	Total Area of Site (hectares)

Provide a description of the facilities equipment or technology that will be used to convert the renewable energy source or any other energy source to electricity.

1.4 – Renewable Energy Generation Activities

Describe the activities that will be engaged in as part of the renewable energy project

Section 2 – Supporting Documents

2.1 – Requirement	Name of Draft documents distributed for consultation	Date available to Municipal or Local Authority Contact
DRAFT Project Description Report		
DRAFT Design and Operations Report		
DRAFT Construction Plan Report		
DRAFT Decommissioning Plan Report		
List of other Documents		

Location where written draft reports can be obtained for public inspection (physical location for viewing and the applicants project website if one is available):

Section 3 – Applicant Address and Contact Information

3.1 - Applicant Information (Owner of project/facility)				
Applicant Name (legal name of individual or organization as evidenced by legal documents)				Business Identification Number
Business Name (the name under which the entity is operating or trading - also referred to as trade name)				☐ same as Applicant Name
Civic Address- Street information (includes street number, name, type and direction)				Unit Identifier (i.e. apartment number)
Survey Address (Not required if Street Information is provided)				
Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number.		Part and Reference: used to indicate location within an unsubdivided township or unsurveyed territory, and consists of a part and a reference plan number indicating the location within that plan. Attach copy of the plan.		
Lot	Conc.	Part	Reference Plan	
Municipality	County/District	Province/State	Country	Postal Code

PART B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

Section 4 - Municipal or Local Authority Contact Information (check the one that applies)

Local Municipality <i>(include each local municipality in which project location is situated)</i>					☐ Yes	☐ No
Name of Municipality	Address	Phone	Clerk's Name	Clerk's Phone/Fax	E-Mail Address	
Upper Tier Municipality <i>(include each upper tier municipality in which project location is situated)</i>					☐ Yes	☐ No
Name of Municipality	Address	Phone	Clerk's name	Clerk's Phone/Fax	E-Mail Address	
Local roads area <i>(include each local roads area in which project location is situated)</i>					☐ Yes	☐ No
Name of local roads board	Address	Phone	Secretary-treasurer's Name	Secretary-treasurer's Phone/Fax	E-Mail Address	
Board Area <i>(include each board area in which project location is situated)</i>					☐ Yes	☐ No
Name of Local Service Board	Address	Phone	Secretary's name	Secretary's Phone/Fax	E-Mail Address	

Section 5: Consultation Requirement

5.1 - Project Location
Provide comment on the project location with respect to infrastructure and servicing.
5.2 - Project Roads
Provide comment on the proposed project's plans respecting proposed road access.
Identify any issues and provide recommendations with respect to road access
Provide comment on any proposed Traffic Management Plans
Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans

5.3 – Municipal or Local authority Service Connections

Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads.

Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads.

5.4 – Facility Other

Identify any issues and recommendations with respect to the proposed landscaping design for the facility

Provide comment on the proposed project plans for emergency management procedures / safety protocols.

Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.

Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location

5.5 Project Construction

Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction.

Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers

Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults

Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines and connections

Provide comment on the proposed project plans with respect to Building Code permits and licenses.

Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.

Identify any issues and recommendations related to the identification any archaeological resource or heritage resource.

PART A: TO BE COMPLETED BY THE APPLICANT BEFORE SUBMITTING TO MUNICIPALITY OR LOCAL AUTHORITY

Section 1 - Project Description

1.1 - Renewable Energy Project
Project Name <i>(Project identifier to be used as a reference in correspondence)</i>
Woodville Solar Farm

Project Location					
Same as Applicant Physical Address? ☐ Yes ☒ No (If no, please provide site address information below)					
Civic Address- Street information <i>(includes street number, name, type and direction)</i>					Unit Identifier <i>(i.e. apartment number)</i>
1126 Woodville Road, Kawartha Lakes, ON					
Survey Address <i>(Not required if Street Information is provided)</i>					
Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number.		Part and Reference: used to indicate location within unorganized territory, and consists of a part and a reference plan number indicating the location within that plan. Attach copy of the plan.			
Lot 19	Conc. 15	Part N 1/2		Reference Plan 57R-9893	
Location Information <i>(includes any additional information to clarify physical location)(e.g. municipality, ward/ township)</i>					
Geo Reference <i>(e.g. southwest corner of property)</i>					
Map Datum	Zone	Accuracy Estimate	Geo Referencing Method	UTM Easting	UTM Northing
NAD83	17 T			668399	4920279

Project Phasing <i>(outline construction, operation and decommissioning activities)</i>
Detailed information is provided in the attached Draft Project Description Report and the forthcoming Construction Plan Report.

1.2 - Environmental Context
Describe any negative environmental effects that may result from engaging in the project <i>(consider construction, operation and decommissioning activities.)</i>
Detailed information is provided in the attached Draft Project Description Report as well as in the forthcoming Natural Heritage Study and Design and Operations Report currently being finalized.
Propose early avoidance/prevention/mitigation concepts and measures.
Detailed information is provided in the attached Draft Project Description Report.

1.3 - Renewable Energy Generation Facility			
Type of Facility / Operation (select all that apply & complete all appropriate sections)			
☐	Wind Facility (Land Based)	☐	Biofuel Facility
☐	Wind Facility (Off-Shore)	☒	Solar Photo Voltaic Facility
☐	Biogas Facility (Anaerobic Digesters)	☐	Other Describe :
☐	Biomass Facility (Thermal Treatment)	☒	Class (if applicable) : Class 3 Solar Facility
Name Plate Capacity	Expected Generation	Service Area	Total Area of Site (hectares)
10 MW	14,300 MWh	Hydro One	36.42 hectares
Provide a description of the facilities equipment or technology that will be used to convert the renewable energy source or any other energy source to electricity. Solar Energy will be converted to electricity through the use of solar panels and DC to AC Inverters. Detailed information is provided in the attached Draft Project Description Report and the forth coming Design and Operations Reports.			

1.4 – Renewable Energy Generation Activities
Describe the activities that will be engaged in as part of the renewable energy project
The renewable energy project will entail the construction of the project as well as the operations of the project. Operations are minimal considering the plant is essentially static without moving parts. Detailed information is provided in the attached Draft Project Description Report and the forthcoming Design and Operations Report.

Section 2 – Supporting Documents

2.1 – Requirement	Name of Draft documents distributed for consultation	Date available to Municipal or Local Authority Contact
DRAFT Project Description Report	Woodville Solar Farm Project Description Report.	Attached
DRAFT Design and Operations Report	Woodville Solar Farm Design & Operations Rpt.	October 2010
DRAFT Construction Plan Report	Woodville Solar Farm Construction Plan Rpt.	October 2010
DRAFT Decommissioning Plan Report	Woodville Solar Farm Decommissioning Plan Rpt.	October 2010
List of other Documents	Phase I and II Archaeology Report	October 2010
	Cultural Heritage Report	October 2010
	Natural Heritage Report	October 2010
	Noise Study	October 2010

Location where written draft reports can be obtained for public inspection *(physical location for viewing and the applicants project website if one is available):*
 Clerks Office, Kawartha Lakes Municipal Office, 26 Francis Street, P.O. Box 9000
 Lindsay, ON K9V 5R8
<http://woodville.inveneryllc.com>

Section 3 – Applicant Address and Contact Information

3.1 - Applicant Information <i>(Owner of project/facility)</i>				
Applicant Name <i>(legal name of individual or organization as evidenced by legal documents)</i>			Business Identification Number	
Invenery Solar Canada ULC				
Business Name <i>(the name under which the entity is operating or trading - also referred to as trade name)</i>			☒ same as Applicant Name	
Civic Address- Street information <i>(includes street number, name, type and direction)</i>			Unit Identifier <i>(i.e. apartment number)</i>	
12 King Street West, Bolton, ON L7E 1C7				
Survey Address <i>(Not required if Street Information is provided)</i>				
Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number. Lot Conc.		Part and Reference: used to indicate location within an unsubdivided township or unsurveyed territory, and consists of a part and a reference plan number indicating the location within that plan. Attach copy of the plan. Part Reference Plan		
Municipality	County/District	Province/State	Country	Postal Code

PART B: TO BE COMPLETED BY THE MUNICIPALITY OR LOCAL AUTHORITY

Section 4 - Municipal or Local Authority Contact Information (check the one that applies)

Local Municipality <i>(include each local municipality in which project location is situated)</i> ☐ Yes ☐ No					
Name of Municipality	Address	Phone	Clerk's Name	Clerk's Phone/Fax	E-Mail Address
Upper Tier Municipality <i>(include each upper tier municipality in which project location is situated)</i> ☐ Yes ☐ No					
Name of Municipality	Address	Phone	Clerk's name	Clerk's Phone/Fax	E-Mail Address
Local roads area <i>(include each local roads area in which project location is situated)</i> ☐ Yes ☐ No					
Name of local roads board	Address	Phone	Secretary-treasurer's Name	Secretary-treasurer's Phone/Fax	E-Mail Address
Board Area <i>(include each board area in which project location is situated)</i> ☐ Yes ☐ No					
Name of Local Service Board	Address	Phone	Secretary's name	Secretary's Phone/Fax	E-Mail Address

Section 5: Consultation Requirement

5.1 - Project Location
Provide comment on the project location with respect to infrastructure and servicing.
5.2 – Project Roads
Provide comment on the proposed project's plans respecting proposed road access.
Identify any issues and provide recommendations with respect to road access
Provide comment on any proposed Traffic Management Plans
Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans

5.3 – Municipal or Local authority Service Connections
Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads.
Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads.
5.4 – Facility Other
Identify any issues and recommendations with respect to the proposed landscaping design for the facility
Provide comment on the proposed project plans for emergency management procedures / safety protocols.
Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.
Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location
5.5 Project Construction
Identify any issues and recommendations with respect to the proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction.
Identify any issues and recommendations with respect to the proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers
Identify any issues and recommendations with respect to the proposed location of buried kiosks and above-grade utility vaults

Identify any issues and recommendations with respect to the proposed location of existing and proposed gas and electricity lines and connections
Provide comment on the proposed project plans with respect to Building Code permits and licenses.
Identify any issues and recommendations related to the identification of any significant natural features and water bodies within the municipality or territory.
Identify any issues and recommendations related to the identification any archaeological resource or heritage resource.

Ralph, Ryan

From: Richard Holy <rholy@city.kawarthalakes.on.ca>
Sent: Wednesday, August 18, 2010 1:41 PM
To: Ralph, Ryan
Cc: Schroeder, Joel
Subject: RE: Pre-Consultation Applications - Sandringham & Woodville Solar Farms

Hello Ryan:

Unfortunately there were a number of applications submitted in advance of your application. I will schedule your file for the October 7th meeting.

Thanks

Richard Holy, MCIP, RPP
Coordinator - Current Planning
Development Services - Planning Division
City of Kawartha Lakes
180 Kent Street West
Lindsay, ON K9V 2Y6
T 705-324-9411 x 1246
F 705-324-4027
TF 888-822-2225

From: Ralph, Ryan [mailto:RRalph@inveneryllc.com]
Sent: August 17, 2010 8:54 AM
To: Richard Holy
Cc: Schroeder, Joel
Subject: Pre-Consultation Applications - Sandringham & Woodville Solar Farms

Email 2 of 2

Ryan Ralph
Invenery Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@inveneryllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Ralph, Ryan

From: Richard Holy <rholy@city.kawarthalakes.on.ca>
Sent: Friday, September 03, 2010 9:26 AM
To: Ralph, Ryan
Cc: Schroeder, Joel
Subject: RE: Pre-Consultation Applications - Sandringham & Woodville Solar Farms

Hi Ryan:

Due to another corporate commitment, the meeting date has been moved to October 12th. You are scheduled for 1 pm for one half hour. I will send you more information towards the meeting date.

Thank you

Richard Holy, MCIP, RPP
Coordinator - Current Planning
Development Services - Planning Division
City of Kawartha Lakes
180 Kent Street West
Lindsay, ON K9V 2Y6
T 705-324-9411 x 1246
F 705-324-4027
TF 888-822-2225

From: Ralph, Ryan [mailto:RRalph@invenergyllc.com]
Sent: September 2, 2010 5:13 PM
To: Richard Holy
Cc: Schroeder, Joel
Subject: RE: Pre-Consultation Applications - Sandringham & Woodville Solar Farms

Hi Richard,

Can you tell me which time slot Invenergy is scheduled in for the Oct 7th Pre-Consultation Meeting?

Ryan Ralph
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Ralph, Ryan

From: Richard Holy <rholy@city.kawarthalakes.on.ca>
Sent: Thursday, September 30, 2010 11:39 AM
To: Ralph, Ryan
Subject: Preconsultation Meeting, October 12, 2010 - D38-224 A & B
Attachments: Committee Member Summary Sheet - D38-224B.pdf; Committee Member Summary Sheet - D38-224A.pdf

Hello Ryan:

Attached are the preconsultation materials that have been sent to the review agencies. The meeting time and place are as follows:

CITY OF KAWARTHA LAKES
Preconsultation Committee Meeting
Thursday, October 12, 2010 @ 1:00 pm
in the Lindsay Library Meeting Room
Library Services Building, 190 Kent Street West, Lindsay

We look forward to seeing you there.

Richard Holy, MCIP, RPP
Coordinator - Current Planning
Development Services - Planning Division
City of Kawartha Lakes
180 Kent Street West
Lindsay, ON K9V 2Y6
T 705-324-9411 x 1246
F 705-324-4027
TF 888-822-2225

CITY OF KAWARTHA LAKES
D38-224A - PRECONSULTATION SUMMARY SHEET

Confidential Matter

Preconsultation Meeting Date:	Thursday, October 12, 2010 at 1:00 pm in the Lindsay Library Meeting Room, Library Services Building, 190 Kent Street, Lindsay
File No.	D38-224A
Applicant and Consultants Present:	
City and Agency Staff who may have an interest:	Ric McGee, Mayor Glenn Campbell, Ward 4 Councillor Jane Reynolds, Chief Administrative Officer Ron Taylor, Director of Development Services Michelle Hendry, Director of Public Works Kevin Williams, Director of Community Services Doug Carroll, Manager of Planning Richard Holy, Coordinator – Current Planning David Kerr, Manager of Environmental Services Dan Lynch, General Manager of Operations Don Barkey, Manager of Water and Wastewater Christina Sisson, Supervisor, Development Engineering Craig Shanks, Manager Parks, Recreation & Culture Susanne Murchison, Chief Building Official Gordon Garfield, Municipal Law Enforcement Manager Brian McCuaig, Fire Prevention Inspector Lance Sherk, Manager of Economic Development Diane McFarlane, Land Management Coordinator Peter Waring, Manager, Planning and Regulations, Kawartha Conservation Leah Breivik, Resources Planner, Kawartha Conservation Jackie Burkart, Senior Planner, Lake Simcoe Region Conservation Authority Beverly Hurford, Environmental Planner, Otonabee Conservation Beth McEachern, Reality Manager, Trent-Severn Waterway/National Historic Site of Canada Cheryl Tolles, Regional Development Review Coordinator, Ministry of Transportation Anne Elmhirst, Environmental Health Department, Haliburton, Kawartha, Pine Ridge District Health Unit
Owner:	Ryan and Tammy Duff
Applicant:	Invenergy Solar Canada ULC, c/o Ryan Ralph Tel: 905-857-6936 Fax: 905-857-8948
Site Address / Location:	1126 Woodville Road, Woodville
Roll No.:	1651 110 040 306000000

Brief description of proposed development:	The applicant proposes to develop a ground-mounted solar farm with a maximum capacity of 10 MW. The facility will be rated as a "Class 3 Solar Facility". The installation would include a 560 sq.m. equipment building. The development would be serviced on private well and septic systems.
Existing Official Plan Designation:	"Agricultural" in the County of Victoria Official Plan
Existing Official Plan Comments:	The land use policies do permit agriculture and farm related uses. Certain other uses such as waste disposal site, auto wrecking yards, wayside pits and quarries, golf courses, farm equipment dealers, airstrips, and small scale industrial operations may be permitted on low capability lands. Solar farms are not permitted under the current land use policies.
CKL Official Plan Designation:	"Prime Agricultural" and "Environmental Protection" in the Council adopted City of Kawartha Lakes Official Plan and within the Lake Simcoe Source Water Protection Boundary
CKL Official Plan Comments:	The land use designation permits agricultural uses, agriculture-related uses, rural residential uses, agri-businesses, secondary uses, and way side pits and quarries. The proposal is also subject to the policies of the Lake Simcoe Protection Plan, for which the applicant must demonstrate that the proposal does not negatively impact the Lake Simcoe watershed. Solar farms are not permitted under the current land use policies.
Existing Zoning:	"Agricultural (A1) Zone in the Township of Mariposa Zoning By-law 94-07
Zoning Comments:	A solar farm is not permitted under the current zoning.
Planning Act Applications required for the proposal to proceed:	The applicant must submit official plan amendment and rezoning applications for consideration of the proposed uses. Should Council approve this application, an application for site plan approval must be submitted for consideration.

Background:

The property is currently being used for agricultural uses. The applicant proposes to develop a ground-mounted solar farm with a maximum capacity of 10 MW. The facility will be rated as a "Class 3 Solar Facility". The installation would include a 560 sq.m. equipment building. The development would be serviced on private well and septic systems.

Comments:

The applicant must submit an amendment to the County of Victoria Official Plan and rezoning applications for consideration of the proposed use. The application must be accompanied by a brief planning report outlining and justifying the proposal with respect to the Growth Plan, Provincial Policy Statement, Lake Simcoe Protection Plan, and County of Victoria Official Plan. Should Council approve these applications, an application for site plan approval must be submitted for consideration.

The applicant may be required to provide technical studies to support the necessary servicing for the property. Additional comments may be provided by other agencies at the preconsultation meeting.

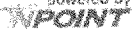
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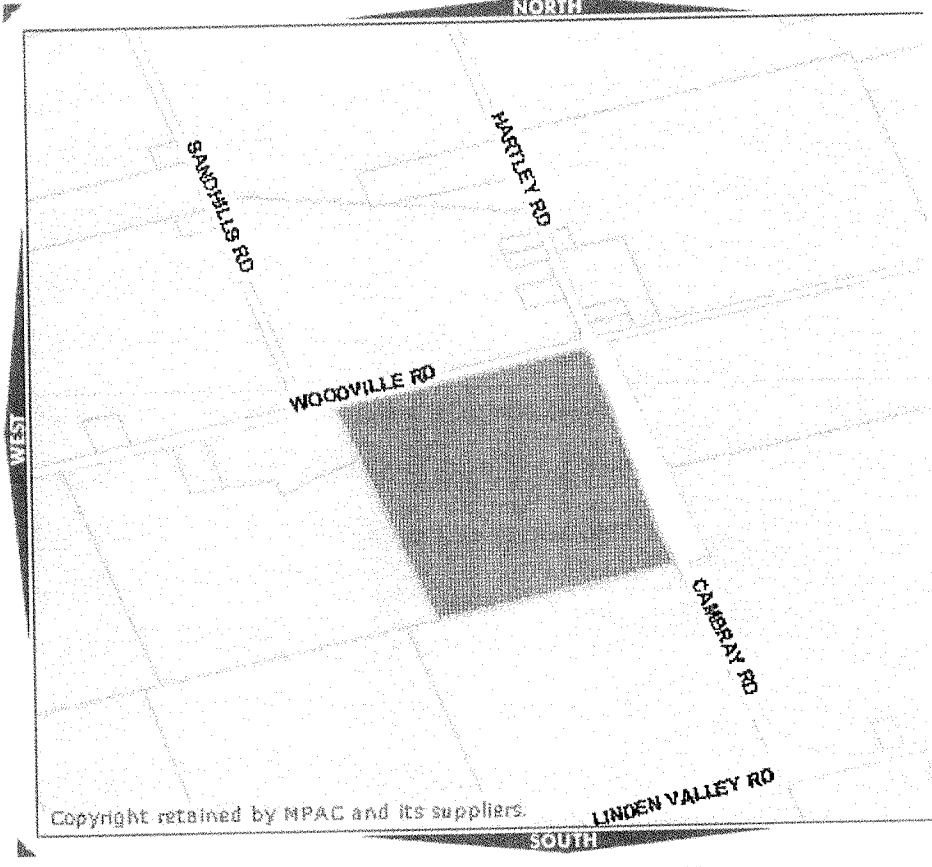
Map Tools

- ☐ display manager
- ☐ export properties
- ☐ save my map
- ☐ redlining
- ☐ generate url

Map Contents

User name : rholy
Login time : 02:59:07

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Ralph, Ryan

From: Ralph, Ryan
Sent: Tuesday, May 31, 2011 4:16 PM
To: 'Richard Holy'
Subject: REA Draft Release - Woodville Solar

Hi Richard,

As per my voicemail, can you please give me a quick call when you get a chance regarding upcoming release of our REA package for our Woodville Solar project?

Best to reach me on my cell phone: 905-484-5589

Thanks,

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

From: Richard Holy [mailto:rholy@city.kawarthalakes.on.ca]
Sent: Thursday, September 30, 2010 2:40 PM
To: Ralph, Ryan
Subject: Preconsultation Meeting, October 12, 2010 - D38-224 A & B

Hello Ryan:

Attached are the preconsultation materials that have been sent to the review agencies. The **CORRECTED** meeting time and place are as follows:

CITY OF KAWARTHA LAKES
Preconsultation Committee Meeting
Tuesday, October 12, 2010 @ 1:00 pm
in the Lindsay Library Meeting Room

Library Services Building, 190 Kent Street West, Lindsay

Thanks for pointing out the error. We look forward to seeing you there.

Richard Holy, MCIP, RPP
Coordinator - Current Planning

Development Services - Planning Division
City of Kawartha Lakes
180 Kent Street West
Lindsay, ON K9V 2Y6
T 705-324-9411 x 1246
F 705-324-4027
TF 888-822-2225



June 3, 2011

City of Kawartha Lakes
P.O. Box 9000,
26 Francis Street,
Lindsay, ON
K9V 5R8

Attention: Linda Russell, Planner

RE: Woodville Solar Farm Municipal Consultation

Dear Linda Russell,

On September 15, 2010 you received a Municipal Consultation Form (MCF) for the Woodville Solar Farm proposed by Invenergy Solar Canada ULC. This form requested input from you on issues of infrastructure and servicing (e.g., road access, municipal service connections, emergency management procedures etc.) as they relate to the proposed project.

Ontario Regulation 359/09 (Renewable Energy Approvals) requires that the MCF be provided to the municipalities at least 90 days prior to the second public information centre. It was recommended (and is now required as per the recent amendment to the regulation) that the Construction Plan Report, Design and Operations Report and Decommissioning Plan Report accompany the MCF. On September 15, 2010 these reports were not yet available and it was noted on the MCF that they would be provided to you as soon as they were. The reports are now finalized in draft form and are attached. The REA documents are planned to be released to the public 60 days before our final public meeting.

As discussed over the phone on June 2, 2011 with Richard Holy, we have included three (3) copies to be provided for public works, fire department and the planning department. Should you have any questions or concerns, please do not hesitate to contact me directly.

Thank you and have a great day

Ryan Ralph, Development Manager
Invenergy Solar Canada ULC
120 Front Street East Suite 201
Toronto ON M5A 4L9
P: (416)901-9463
M: (905)484-5589
E-mail: RRalph@invenergyllc.com

September 15, 2010

City of Kawartha Lakes
26 Francis St., 1st Flr.
Lindsay, Ontario,
Attention: Judy Currins, Clerk

Dear Ms. Currins;

**Re: Invenergy Solar Canada ULC, Woodville Solar Farm
Draft Renewable Energy Approval (REA) Submission Package**

Invenergy Solar Canada ULC ("Invenergy Canada") intends to develop a 10 MW (name plate capacity) solar farm located near the community of Woodville, in the City of Kawartha Lakes (the "Woodville Solar Farm" project). This Solar Farm is to be located on approx 90 acres of privately held land and generate 10MW of electricity.

Invenergy Canada has obtained a contract for the sale of electricity with the Ontario Power Authority (OPA) through the Province's Feed-in-Tariff (FIT) program. The project will require approval under Ontario Regulation 359/09 – Renewable Energy Approval (REA) under the *Green Energy Act*. The REA process replaces the previous process that required several separate approvals including for example, the *Environmental Assessment Act*, *Planning Act* and *Environmental Protection Act*. As specified in the REA regulations (Section 18), a project proponent is required to distribute the Municipal Consultation Form at least 90 days before the final public meeting to the local municipalities and local authorities including:

- Clerks of local and upper tier municipalities;
- Secretary treasurer of local roads; and,
- Secretary of Local Services Board.

As part of the REA requirements Invenergy Canada has prepared a Draft Renewable Energy Approval (REA) submission package that will be made available for your review for a period of sixty (60) days prior to the final public meeting. Invenergy Canada is planning to release the Draft REA package in October 2010 and hold the final public meeting in December 2010.

We would like to expedite completion of the required approval process and subsequently complete the proposed project. Therefore, the prompt completion of the Municipal Consultation Form would assist in expediting the approvals process. To help facilitate the completion of the municipal consultation form, we have previously scheduled a pre-consultation meeting with Ron Taylor on October 12, 2010. Should you require any assistance in completing the Municipal Consultation Form please feel free to contact Don McKinnon, Dillon Consulting Limited at (416)229-4647 x.2355 or via e-mail at dpmckinnon@dillon.ca. We also request that you sign and date the attached acknowledgement verifying receipt of the Consultation Form, which can be faxed to Dillon Consulting at (416) 229-4692 or scanned and emailed to dpmckinnon@dillon.ca.

If you have questions about the project, please do not hesitate to contact me directly at: (905) 857-6936 x.21 or on my mobile at: (905) 484-5589 or via e-mail at RRalph@invenergyllc.com.

Yours truly,



Ryan Ralph
Development Manager
Invenergy Canada

**The Draft Construction Plan Report, Design and Operations Report and Decommissioning report have not been included in this Appendices. These reports are available upon request. **

September 15, 2010

I _____ of the City of Kawartha Lakes, acknowledge receipt of the
Ministry of Environment Renewable Energy Approval Consultation Form: municipalities, local authorities
ss. 18(2) Ontario Regulation 359/09 for the "Woodville Solar Farm" Project.

from Invenergy Canada dated on _____

Memo



To Linda Russell, B.A.A. Planner, City of Kawartha Lakes.
From Justine Giancola, Planner, Dillon Consulting Limited
Date Feb 3rd, 2011 File No. 103523
Subject Invenergy's Sandringham & Woodville Solar Farms.

Dear Linda,
Please find attached the latest copy of the
Sandringham and Woodville Solar Farm
Project Drawings, as requested from Ryan Ralph.

Please contact myself or Ryan at the contacts
below if you have any questions or concerns.

Justine Giancola
Planner, Dillon Consulting
(416) 229-4647 x 2422
jgiancola@dillon.ca

Ryan Ralph
Project Manager
Invenergy Canada
12 King Street West
Bolton ON L7E 1C7
RRalph@invenergyllc.com
(905) 857-6936 x 21

Ralph, Ryan

From: Ralph, Ryan
Sent: Friday, June 03, 2011 11:50 AM
To: Richard Holy (rholy@city.kawarthalakes.on.ca)
Cc: 'lrussell@city.kawarthalakes.on.ca'; 'dcarroll@city.kawarthalakes.on.ca'; 'rtaylor@city.kawarthalakes.on.ca'; Schroeder, Joel
Subject: Woodville Solar Farm - Draft REA Docs and Public Information Centre Timetable
Importance: High

Good Afternoon Richard,

As discussed yesterday, your office will be receiving three copies of the Design and Operations Report, Construction Report, Decommissioning Plan and Project Description Report for our Woodville Solar Farm project which will be delivered to Linda Russell on Monday. Under the REA regulations, municipal consultation is to be completed on these four reports, if you require any other reporting to support your review, please advise and we can provide.

The REA regulations require a 90 day review period for the Municipality prior to the final public information center. In order to expedite project timelines, and with the agreement of the City of Kawartha Lakes, Invenergy is proposing to hold our final public meeting for this project in 60 days. We would place a notice in the paper on Friday, June 10th of the availability of the DRAFT REA application and potentially hold the PIC approximately 60 days later. While Invenergy will continue to consult with the municipality up to the 90 day window prior to submitting our REA application to the MOE, this strategy will allow us some flexibility to expedite the final application documents should the City be able to complete their review ahead of the 90 day timeline.

Could you please confirm Kawartha Lakes would approve of this approach by return email? We don't believe holding a public meeting ahead of the City staff concluding their review would create any issues. The public meeting could be a beneficial time for City staff to meet with Invenergy and its consultants if they chose to do so.

The Draft REA application released to the public will include:

- Project Description Report
- Design and Operations Report
- Construction Plan Report
- Decommissioning Plan Report
- Noise Study Report
- Natural Heritage Assessment Report (Approved by MNR)
- Water Bodies Assessment Report
- Stage 1 and Stage 2 Archaeological Report (Approved by MTC)
- Cultural Heritage Report (Approved by MTC)

We will make these documents available in the public library, the clerk's office, and in our downtown Toronto office as well as available for download on our website.

Please remember we are available to meet with the City of Kawartha Lakes in person during this consultation period and will make our consultants available if it is deemed helpful to the City. We believe that the City will find our projects to be acceptable additions to the community. If the City of Kawartha Lakes has any questions regarding our application materials, please let us know and we will quickly address the issues.

If possible, please let us know if our approach to holding the public information center is acceptable by the morning of Monday, June 6. We need to provide the First Nations groups with the draft REA reports early next week and will need to provide notice of the date for the public information center.

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

Recipient

Richard Holy (rholy@city.kawarthalakes.on.ca)

'lrussell@city.kawarthalakes.on.ca'

'dcarroll@city.kawarthalakes.on.ca'

'rtaylor@city.kawarthalakes.on.ca'

Schroeder, Joel

McKinnon, Don

Giancola, Justine (JGiancola@dillon.ca)

Delivery

Delivered: 6/3/2011 11:51 AM

Ralph, Ryan

From: Ralph, Ryan
Sent: Thursday, August 25, 2011 3:29 PM
To: Richard Holy (rholy@city.kawarthalakes.on.ca)
Cc: Irussell@city.kawarthalakes.on.ca; Schroeder, Joel
Subject: Woodville Solar Farm - Municipal Consultation Form

Hi Richard,

As per my voicemail, I just wanted to follow up with Development Services to get an update on where the City is at with the Municipal Consultation Form for Invenergy's Woodville Solar Farm and if there was anything else you require from us leading up to our second Public Meeting on September 7th. Following this meeting date, the Public and Municipal comment periods for this project will come to a close. If you require anything from our end we would be happy provide in the interim.

Our Sandringham Solar Farm projects second public meeting will be held Sept 29th.

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

Ralph, Ryan

From: Linda Russell <lrussell@city.kawarthalakes.on.ca>
Sent: Friday, October 07, 2011 11:16 AM
To: Ralph, Ryan
Subject: RE: Approvals for Woodville Solar Farm

Ryan,

Below is a list of concerns that the City would like addressed.

Kawartha Region Conservation Authority

The subject property is not located within an area regulated under the Kawartha Region Conservation Authority's Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses (Ontario Regulation 182/06). As such, a permit for the proposed solar farm development is not required.

City of Kawartha Lakes Fire & Rescue Service

Requests additional information including:

- a site plan showing all equipment disconnects, inverters, etc.
- a detailed emergency response plan, including 24 hour emergency contacts
- a site plan showing a reasonable amount/placement of access roads that will support responding apparatus (vehicles and personnel)
- approved fire extinguisher placement for structures/substations/inverters/transformers
- ground cover and ground cover control measures
- on-site orientation and training session prior to commissioning

Public Works Operations and Water & Wastewater Division

Operations – dust control and road cleaning to be the responsibility of the developer during construction.
Entrance permit required.

Water & Wastewater – no comments or objections

Engineering

Lot grading and drainage plan may be required.

Land Management

No easements or restrictive covenants registered against the property.

Building

Permit required for any structure greater than 10 m2.

Please note that this should be not be considered a final list, as the Municipal Consultation Form has not yet been presented to Council.

Linda

From: Ralph, Ryan [mailto:RRalph@invenergyllc.com]
Sent: October 6, 2011 10:17 AM
To: Linda Russell
Subject: Approvals for Woodville Solar Farm

Hi Linda,

As per my voicemail, can you tell me what other approvals\permits would be required from the Municipality for our Solar Project? Ie. (Building Permit, Road User Agreement, Driveway permits etc..)? We just need to include a list of these in our REA document. Please advise.

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

From: Giancola, Justine
Sent: Friday, October 28, 2011 11:49 AM
To: Giancola, Justine
Subject: FW: Approvals for Sandringham Solar Farm

From: Linda Russell <lrussell@city.kawarthalakes.on.ca>
Date: Fri, 28 Oct 2011 09:16:54 -0400
To: Ralph, Ryan <RRalph@inenergyllc.com>
Subject: RE: Approvals for Sandringham Solar Farm

Hi Ryan,

I do not have a comprehensive list of comments for Sandringham. I anticipate that comments will be very similar to those for the Woodville site.

Woodville is scheduled for the November 22 Council agenda. My report is complete and is waiting for approval from our director. Once the report is signed, I will send you a copy.

Please follow up with me next week if you have not heard from me.

Thanks,

Linda

From: Ralph, Ryan [<mailto:RRalph@inenergyllc.com>]
Sent: October 25, 2011 3:15 PM
To: Linda Russell
Subject: Approvals for Sandringham Solar Farm

Hi Linda,

I was wondering if your department has put together any comments for our other Solar project , The Sandringham Solar farm, which we getting ready to submit our REA application to the MOE. If you could forward any comments you have for the Sandringham project it would be appreciated. Also if you could provide a status update on the approval of the Woodville solar farm municipal consultation report, it would also be appreciated.

Thanks,

Ryan Ralph
Invenergy Canada
rralph@inenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

From: Linda Russell [<mailto:lrussell@city.kawarthalakes.on.ca>]

Sent: Friday, October 07, 2011 11:16 AM
To: Ralph, Ryan
Subject: RE: Approvals for Woodville Solar Farm

Ryan,

Below is a list of concerns that the City would like addressed.

Kawartha Region Conservation Authority

The subject property is not located within an area regulated under the Kawartha Region Conservation Authority's Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses (Ontario Regulation 182/06). As such, a permit for the proposed solar farm development is not required.

City of Kawartha Lakes Fire & Rescue Service

Requests additional information including:

- a site plan showing all equipment disconnects, inverters, etc.
- a detailed emergency response plan, including 24 hour emergency contacts
- a site plan showing a reasonable amount/placement of access roads that will support responding apparatus (vehicles and personnel)
- approved fire extinguisher placement for structures/substations/inverters/transformers
- ground cover and ground cover control measures
- on-site orientation and training session prior to commissioning

Public Works Operations and Water & Wastewater Division

Operations – dust control and road cleaning to be the responsibility of the developer during construction.
Entrance permit required.

Water & Wastewater – no comments or objections

Engineering

Lot grading and drainage plan may be required.

Land Management

- No easements or restrictive covenants registered against the property.

Building

- Permit required for any structure greater than 10 m².

Please note that this should not be considered a final list, as the Municipal Consultation Form has not yet been presented to Council.

Linda

From: Ralph, Ryan [mailto:RRalph@invenenergyllc.com]

Sent: October 6, 2011 10:17 AM
To: Linda Russell
Subject: Approvals for Woodville Solar Farm

Hi Linda,

As per my voicemail, can you tell me what other approvals\permits would be required from the Municipality for our Solar Project? I.e. (Building Permit, Road User Agreement, Driveway permits etc..)? We just need to include a list of these in our REA document. Please advise.

Regards,

Ryan Ralph
Invenergy Canada
rralph@invenenergyllc.com
120 Front Street East Suite 201
Toronto ON M5A 4L9
o: 416.901.9463
f: 416.546.9905

APPENDIX F: AGENCY CORRESPONDENCE

Sandringham Solar Farm

November 2011

June 16, 2010

Eric R. Prevost
Species at Risk Biologist
Ontario Ministry of Natural Resources
300 Water Street
P.O. Box 7000
Peterborough, ON K9J 8M5

**RE: Notice of a Proposal to Engage in Renewable Energy Projects
Sandringham Solar Farm
Woodville Solar Farm**

Dear Mr. Prevost,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two 10 megawatt (MW) solar farms near the community of Woodville, in the City of Kawartha Lakes. As a key stakeholder in the project area, we are writing to give you more information on this new development.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground. We have attached a map outlining the boundaries of the proposed project areas.

Invenergy Canada has received contracts from the Ontario Power Authority ("OPA") for the purchase of electricity generated by photovoltaic solar panels from these solar farms through the Province's Feed-in-Tariff (FIT) program. You may recognize this program as part of the *Green Energy and Green Economy Act* which was passed last year. As part of the FIT approval process this project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval* (REA), section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must go through before starting construction.

The REA process provides communities with the opportunity to better understand the proposed project. The steps in our REA will include:

- Regular newspaper ads that will 1) inform the public of our intention to build this project; 2) share the availability of the Project Description Report; and 3) promote the upcoming public information centre.
- Contact with First Nations communities; and
- Making the Project Description Report available for public inspection after mid-July. You can pick up a copy at <http://woodville.inveneryllc.com> and

<http://sandringham.invenenergyllc.com> or at the following location: Kawartha City Hall, Clerk's Office, 1st Floor, 26 Francis Street, Lindsay, ON, K9V 6H7.

Throughout the REA process, Invenenergy Canada is committed to proactively informing the community about the proposed project. We will be holding a public information session on **July 21, 2010** at Woodville Town Hall. Full details are available in the attached ad. We will be providing information about the project and we encourage you to attend.

If you have questions or comments about the project before then, please do not hesitate to contact me. I, or someone from our office, will be happy to meet with you in person to answer your questions.

Yours truly,



Ryan Ralph
Development Manager
Invenenergy Canada
12 King Street West, Bolton, ON L7E 1C7

e-mail: rralph@invenenergyllc.com
Office: 905.857.6936 x 21
Fax: 905.857.8948

Attach:
Notice of Proposal and Public Meeting

June 16, 2010

Brett Tregunno
Aquatic Biologist
Kawartha Lakes Conservation Authority
277 Kenrei Road
Lindsay, ON K9V 4R1

**RE: Notice of a Proposal to Engage in Renewable Energy Projects
Sandringham Solar Farm
Woodville Solar Farm**

Dear Mr. Tregunno,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two 10 megawatt (MW) solar farms near the community of Woodville, in the City of Kawartha Lakes. As a key stakeholder in the project area, we are writing to give you more information on this new development.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground. We have attached a map outlining the boundaries of the proposed project areas.

Invenergy Canada has received contracts from the Ontario Power Authority ("OPA") for the purchase of electricity generated by photovoltaic solar panels from these solar farms through the Province's Feed-in-Tariff (FIT) program. You may recognize this program as part of the *Green Energy and Green Economy Act* which was passed last year. As part of the FIT approval process this project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval (REA)*, section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must go through before starting construction.

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If you have questions or comments about the project before then, please do not hesitate to contact me. I, or someone from our office, will be happy to meet with you in person to answer your questions.

Yours truly,



Ryan Ralph
Development Manager
Invenergy Canada
12 King Street West, Bolton, ON L7E 1C7

e-mail: rralph@invenergyllc.com
Office: 905.857.6936 x 21
Fax: 905.857.8948

Attach:
Notice of Proposal and Public Meeting

June 16, 2010

Judy Currins
City Clerk
Clerk's Office - City of Kawartha Lakes
26 Francis Street
P.O. Box 9000
Lindsay, ON K9V 5R8

**RE: Notice of a Proposal to Engage in Renewable Energy Projects
Sandringham Solar Farm
Woodville Solar Farm**

Dear Ms. Currins,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two 10 megawatt (MW) solar farms near the community of Woodville, in the City of Kawartha Lakes. As a key stakeholder in the project area, we are writing to give you more information on this new development.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground. We have attached a map outlining the boundaries of the proposed project areas.

Invenergy Canada has received contracts from the Ontario Power Authority ("OPA") for the purchase of electricity generated by photovoltaic solar panels from these solar farms through the Province's Feed-in-Tariff (FIT) program. You may recognize this program as part of the *Green Energy and Green Economy Act* which was passed last year. As part of the FIT approval process this project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval* (REA), section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must go through before starting construction.

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Throughout the REA process, Invenenergy Canada is committed to proactively informing the community about the proposed project. We will be holding a public information session on **July 21, 2010** at Woodville Town Hall. Full details are available in the attached ad. We will be providing information about the project and we encourage you to attend.

If you have questions or comments about the project before then, please do not hesitate to contact me. I, or someone from our office, will be happy to meet with you in person to answer your questions.

Yours truly,



Ryan Ralph
Development Manager
Invenenergy Canada
12 King Street West, Bolton, ON L7E 1C7

e-mail: rralph@invenenergyllc.com
Office: 905.857.6936 x 21
Fax: 905.857.8948

Attach:
Notice of Proposal and Public Meeting

June 16, 2010

Jane Reynolds
Chief Administrative Officer
Chief Administrative Office - City of Kawartha Lakes
26 Francis Street
P.O. Box 9000
Lindsay, ON K9V 5R8

**RE: Notice of a Proposal to Engage in Renewable Energy Projects
Sandringham Solar Farm
Woodville Solar Farm**

Dear Ms. Reynolds,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two 10 megawatt (MW) solar farms near the community of Woodville, in the City of Kawartha Lakes. As a key stakeholder in the project area, we are writing to give you more information on this new development.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground. We have attached a map outlining the boundaries of the proposed project areas.

Invenergy Canada has received contracts from the Ontario Power Authority ("OPA") for the purchase of electricity generated by photovoltaic solar panels from these solar farms through the Province's Feed-in-Tariff (FIT) program. You may recognize this program as part of the *Green Energy and Green Economy Act* which was passed last year. As part of the FIT approval process this project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval* (REA), section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must go through before starting construction.

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Yours truly,



Ryan Ralph
Development Manager
Invenenergy Canada
12 King Street West, Bolton, ON L7E 1C7

e-mail: rralph@invenenergyllc.com
Office: 905.857.6936 x 21
Fax: 905.857.8948

Attach:
Notice of Proposal and Public Meeting

June 16, 2010

Glen Campbell
Councillor
City of Kawartha Lakes
26 Francis Street
P.O. Box 9000
Lindsay, ON K9V 5R8

**RE: Notice of a Proposal to Engage in Renewable Energy Projects
Sandringham Solar Farm
Woodville Solar Farm**

Dear Mr. Campbell,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two 10 megawatt (MW) solar farms near the community of Woodville, in the City of Kawartha Lakes. As a key stakeholder in the project area, we are writing to give you more information on this new development.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground. We have attached a map outlining the boundaries of the proposed project areas.

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Yours truly,



Ryan Ralph
Development Manager
Invenenergy Canada
12 King Street West, Bolton, ON L7E 1C7

e-mail: rralph@invenenergyllc.com
Office: 905.857.6936 x 21
Fax: 905.857.8948

Attach:
Notice of Proposal and Public Meeting

June 16, 2010

Narren Santos
Program Support Coordinator - ENVIRONMENTAL ASSESSMENT SUPPORT UNIT
Ministry of the Environment
2300 Yonge Street
Suite 1700
Toronto, ON M4P1E4

**RE: Notice of a Proposal to Engage in Renewable Energy Projects
Sandringham Solar Farm
Woodville Solar Farm**

Dear Mr. Santos,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two 10 megawatt (MW) solar farms near the community of Woodville, in the City of Kawartha Lakes. As a key stakeholder in the project area, we are writing to give you more information on this new development.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground. We have attached a map outlining the boundaries of the proposed project areas.

Invenergy Canada has received contracts from the Ontario Power Authority ("OPA") for the purchase of electricity generated by photovoltaic solar panels from these solar farms through the Province's Feed-in-Tariff (FIT) program. You may recognize this program as part of the *Green Energy and Green Economy Act* which was passed last year. As part of the FIT approval process this project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval* (REA), section V.0.1 of the *Ontario Environmental Protection Act*. The REA is the new review process which renewable energy programs must go through before starting construction.

The REA process provides communities with the opportunity to better understand the proposed project. The steps in our REA will include:

- Regular newspaper ads that will 1) inform the public of our intention to build this project; 2) share the availability of the Project Description Report; and 3) promote the upcoming public information centre.
- Contact with First Nations communities; and
- Making the Project Description Report available for public inspection after mid-July. You can pick up a copy at <http://woodville.inveneryllc.com> and

<http://sandringham.invenenergyllc.com> or at the following location: Kawartha City Hall, Clerk's Office, 1st Floor, 26 Francis Street, Lindsay, ON, K9V 6H7.

Throughout the REA process, Invenenergy Canada is committed to proactively informing the community about the proposed project. We will be holding a public information session on **July 21, 2010** at Woodville Town Hall. Full details are available in the attached ad. We will be providing information about the project and we encourage you to attend.

If you have questions or comments about the project before then, please do not hesitate to contact me. I, or someone from our office, will be happy to meet with you in person to answer your questions.

Yours truly,



Ryan Ralph
Development Manager
Invenenergy Canada
12 King Street West, Bolton, ON L7E 1C7

e-mail: rralph@invenenergyllc.com
Office: 905.857.6936 x 21
Fax: 905.857.8948

Attach:
Notice of Proposal and Public Meeting

June 16, 2010

Chris Johnston
District Representative
Ministry of the Environment
Peterborough District Office
300 Water Street, Robinson Place
Peterborough, ON K9J 8M5

**RE: Notice of a Proposal to Engage in Renewable Energy Projects
Sandringham Solar Farm
Woodville Solar Farm**

Dear Chris Johnston,

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop two 10 megawatt (MW) solar farms near the community of Woodville, in the City of Kawartha Lakes. As a key stakeholder in the project area, we are writing to give you more information on this new development.

The Sandringham Solar Farm will be located east of Sandringham Road between Glenarm Road and Palestine Road. The Woodville Solar Farm will be located on the South side of Woodville Road and the west side of Cambray Road. Both projects will be ground mounted solar photovoltaic projects covering approximately 80 acres. The solar modules will be fixed tilted panels with the maximum height of the panels being no higher than 4 m off the ground. We have attached a map outlining the boundaries of the proposed project areas.

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<http://sandringham.invenenergyllc.com> or at the following location: Kawartha City Hall, Clerk's Office, 1st Floor, 26 Francis Street, Lindsay, ON, K9V 6H7.

Throughout the REA process, Invenenergy Canada is committed to proactively informing the community about the proposed project. We will be holding a public information session on **July 21, 2010** at Woodville Town Hall. Full details are available in the attached ad. We will be providing information about the project and we encourage you to attend.

If you have questions or comments about the project before then, please do not hesitate to contact me. I, or someone from our office, will be happy to meet with you in person to answer your questions.

Yours truly,



Ryan Ralph
Development Manager
Invenenergy Canada
12 King Street West, Bolton, ON L7E 1C7

e-mail: rralph@invenenergyllc.com
Office: 905.857.6936 x 21
Fax: 905.857.8948

Attach:
Notice of Proposal and Public Meeting

July 6th, 2010

Judy Currins
City Clerk
Clerk's Office - City of Kawartha Lakes
26 Francis Street
P.O. Box 9000
Lindsay, ON, K9V 5R8

**RE: Release of Draft Project Description Report for the proposed
Sandringham Solar Farm and Woodville Solar Farm**

Dear Ms. Currins,

A copy of this letter has been sent to you electronically. Further, to our letter, dated June 16, 2010, Notice of Proposal and Public Meeting, attached you will find the Draft Project Description Report.

The project will require approval under *Ontario Regulation 359/09 – Renewable Energy Approval (REA)* under Section V.0.1 of the *Ontario Environmental Protection Act*.

It is expected that the draft REA reports will be made available in September 2010 for public and agency review and comment.

As noted in the June 16th, 2010 letter, the first Public Information Centre is being held on **Wednesday July 21st, 2010** from **5-8pm** at the **Woodville Town Hall**, (100A King, Woodville, Ontario K0M 2T0).

If you could please keep a copy of the Draft Project Description Report at your office available for public viewing, we will ensure electronic copies are made available through Invenergy Canada's website (<http://sandringham.invenergylc.com> and <http://woodville.invenergylc.com>).

Throughout the REA process, Invenergy Canada is committed to ongoing public consultation. If you have questions, comments, or concerns about the project or any of the attached documents please do not hesitate to contact me directly at (905)857-6936 X 21 or via e-mail at RRalph@invenergylc.com.

Yours very truly,

Invenergy Canada



Ryan Ralph

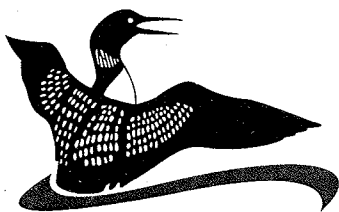
Development Manager
Invenergy Canada
12 King Street West
Bolton, ON L7E 1C7
RRalph@invenergyllc.com
P: (905) 857-6936 x.21
F: (905) 857-8948

Cc:

Don McKinnon, REA Project Manager, Dillon Consulting Limited

Attach:

Draft Project Description Report



KAWARTHA CONSERVATION

277 Kenrei Road
Lindsay, ON K9V 4R1

Tel: 705.328.2271

Fax: 705.328.2286

www.kawarthaconservation.com
geninfo@kawarthaconservation.com

Member of Conservation Ontario

*"Leading the
way to
abundant
clean water
within
a healthy
landscape"*

Proud to work in association with
our watershed municipalities:

City of Kawartha Lakes

Township of Scugog

Municipality of Clarington

Township of Brock

Township of Galway-Cavendish
-Harvey

Township of Cavan-Monaghan

August 10, 2010

KRCA File No. 11586

Ms. Jennifer Petruniak
Dillon Consulting Limited
235 Yorkland Blvd., Suite 800
Toronto ON M2J 4V8

Regarding:

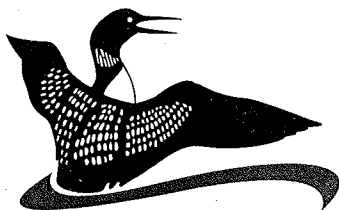
**Information Request
Lot 13, Concession 6
Geographic Township of Eldon
City of Kawartha Lakes
764 Sandringham Road**

Dear Ms. Petruniak:

We have now completed our review of the above-noted information request for the development of a solar farm on the above-noted property. Kawartha Conservation (KRCA) can provide the following environmental advisory comments for your consideration.

- The eastern half of the subject property is located within the KRCA's jurisdiction. The western half of the subject property is located within the Lake Simcoe Region Conservation Authority's (LSRCA's) jurisdiction.
- Portions of the eastern half of the subject property are located within an area regulated under this Authority's Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses (Ontario Regulation 182/06). This regulation incorporates areas such as river and stream valleys, steep slopes, watercourses, floodplains and wetlands plus an allowance associated with each feature.
- Specific to this application, there are wetland areas on the subject property. Further, based on our mapping and as reflected on the KRCA map provided to your office on July 27, 2010 there appears to be an identified watercourse that traverses the eastern half of the subject property.

Based on our review of the Ecological Land Classification (ELC) data provided by your office in conjunction with our mapping, we can confirm that there are two wetland areas on the subject property. One of which is located within the southwest corner of the property and therefore within the LSRCA's jurisdiction. The other wetland surrounds the northern reach of the watercourse identified on the aforementioned map, in the middle of the east half of the subject property. KRCA policies generally prohibit development in all wetlands. Further, a permit from this office would be required for development and or site alteration proposed within 30 metres of the wetland.



KAWARTHA CONSERVATION

277 Kenrei Road
Lindsay, ON K9V 4R1

Tel: 705.328.2271
Fax: 705.328.2286

www.kawarthaconservation.com
geninfo@kawarthaconservation.com

Member of Conservation Ontario

*"Leading the
way to
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Proud to work in association with
our watershed municipalities:

City of Kawartha Lakes

Township of Scugog

Municipality of Clarington

Township of Brock

Township of Galway-Cavendish
-Harvey

Township of Cavan-Monaghan

KRCA File No. 11586

August 10, 2010

Page 2 of 2

Based on a site visit that was conducted on July 27, 2010, we can advise that the watercourse identified on our mapping does not meet the Conservation Authorities Act (Section 28(25)) definition of a 'watercourse' given that no identifiable depression in the ground was observed. Therefore, the mapped watercourse is not regulated under this Authority's Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses (Ontario Regulation 182/06). We would however note that this area may serve as potential headwaters for Staples Creek and we would expect that this be taken into consideration for detailed site planning. Further as your office has identified, the ponds with the connecting swale provide fish habitat. We anticipate that this would also be taken into consideration for detailed site planning.

The above comments reflect our understanding, at the time of writing of the best available data, applicable policies and regulations, and the proposal. Changes in one or more of the above factors may affect our position in the future.

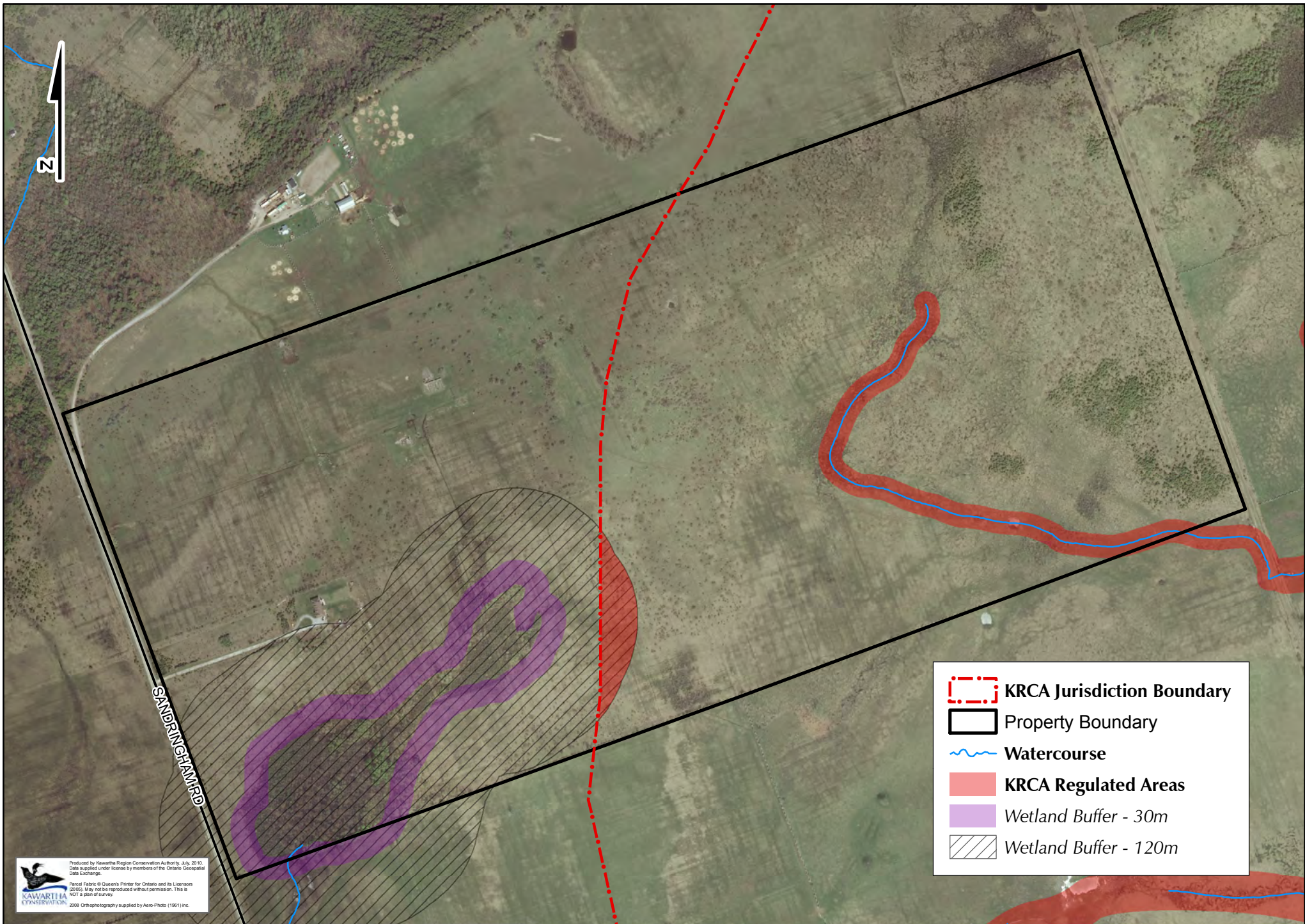
I trust this meets your information requirements at this time. Should you require any additional information, please do not hesitate to contact this office.

Yours truly,

Leah Breivik
Acting Resources Planner

Cc. Ms. Donna Villemaire, KRCA Chair
Mr. Dave Marsh, KRCA Director
Mr. Lloyd Robertson, KRCA Director





Lot 13 ,Concession 6, Eldon Township

Petruniak, Jennifer

From: JACKIE BURKART [J.BURKART@LSRCA.ON.CA]
Sent: TUESDAY, AUGUST 17, 2010 4:53 PM
To: PETRUNIAK, JENNIFER; MIKE WALTERS
Cc: BEVERLEY BOOTH; RESTIVO, DAVID; 103523
Subject: RE: SANDRINGHAM SOLAR ENERGY CENTRE REVIEW REQUESTED

Hi Jennifer,

I would suggest that since the panels are proposed on the KRCA side that you deal with them on this "no man's land" rather than having 2 Authorities involved. I would suggest that if you stay away from the wetland – beyond 120 metres if possible we would have no issues. You may wish to pass this by the KRCA to see how receptive they are to this suggestion.

Sincerely,

Jackie Burkart
 Senior Planner

Lake Simcoe Region Conservation Authority
 120 Bayview Parkway
 Newmarket, Ontario L3Y 4X1
 905-895-1281

From: Petruniak, Jennifer [mailto:JPetruniak@dillon.ca]
Sent: August 17, 2010 3:58 PM
To: Jackie Burkart; Mike Walters
Cc: Beverley Booth; Restivo, David; 103523
Subject: RE: Sandringham Solar Energy Centre Review Requested

HI JACKIE,

THANKS FOR PROVIDING THE INFORMATION RELATED TO THIS PROJECT. I HAVE A QUESTION REGARDING YOUR JURISDICTIONAL BOUNDARY. ATTACHED FROM KRCA THEY DEFINED A DIFFERENT BOUNDARY THEN THE ONE DEPICTED ON YOUR MAP. WOULD YOU BE ABLE TO TELL US WHAT REGULATORY AUTHORITY OVER THE WETLAND IN THE SW CORNER OF THE PROPERTY? LEAH BREIVIK AT KRCA HAS REFERRED TO THIS AS THE POTENTIAL "NO MAN'S LAND" THAT OCCASSIONALLY OCCURS WHEN JURISDICTIONAL LINES DON'T MEET. WHAT GENERALLY HAPPENS IN DEVELOPMENT IS TO OCCUR IN THIS AREA?

THANKS,
 JEN



Jennifer Petruniak, M.Sc., LEED AP
Dillon Consulting Limited
 235 Yorkland Blvd., Suite 800
 Toronto, Ontario, M2J 4V8
 T - 416.229.4647 ext. 2432
 M - 416.671.6825
 F - 416.229.4692
JPetruniak@dillon.ca
www.dillon.ca



Please consider the environment before printing this email

From: Jackie Burkart [mailto:J.Burkart@lsrca.on.ca]
Sent: Tuesday, August 17, 2010 11:35 AM
To: Mike Walters; Petruniak, Jennifer
Cc: Beverley Booth
Subject: RE: Sandringham Solar Energy Centre Review Requested

Hi Jennifer,

Attached is the LSRCA's regulation mapping. There appears to be a wetland in the southwest corner of the property that appears to be outside of the LSRCA's jurisdiction. The adjacent lands are within our current boundary. I have attached a map for your convenience. Any access road should avoid the wetland and area of influence (120 metres). I provide the following information as it relates to our jurisdiction.

- WATERCOURSE/DRAIN CLASSIFICATIONS AND THERMAL STREAM ~~MOLE~~ CLASSIFICATIONS
- REGULATION LIMITS **SEE ATTACHED MAP**
- FISH AND BENTHIC COMMUNITY INFORMATION **NO WATERCOURSE**
- NATURAL ENVIRONMENT STUDIES IN AND/OR ADJACENT TO ~~THE~~ STUDY AREA
- FLOODPLAIN MAPPING **NO FLOODPLAIN**
- REGIONALLY OR LOCALLY SIGNIFICANT/RARE FLORA, FAUNA, VEGETATION **IN COMMON WITH THE NHIC IN PETERBOROUGH**
- ANY ADDITIONAL NATURAL ENVIRONMENT DATA YOU MAY HAVE FOR THE INDICATED AREA **I AM NOT AWARE OF ANY STUDIES IN**

I hope this helps. Please email me if you have any further questions.

Kind regards,

Jackie Burkart
Senior Planner

Lake Simcoe Region Conservation Authority
120 Bayview Parkway
Newmarket, Ontario L3Y 4X1
905-895-1281

From: Mike Walters
Sent: August 17, 2010 9:22 AM
To: Petruniak, Jennifer
Cc: Jackie Burkart; Beverley Booth
Subject: RE: Sandringham Solar Energy Centre Review Requested

Hi Jennifer:

The file was forwarded to immediately upon receipt to Jackie Burkart, who is the Senior Planner working on the application. I will ask Jackie to contact you directly about the status of the file. Please feel free to contact me if there are any concerns.

Regards,

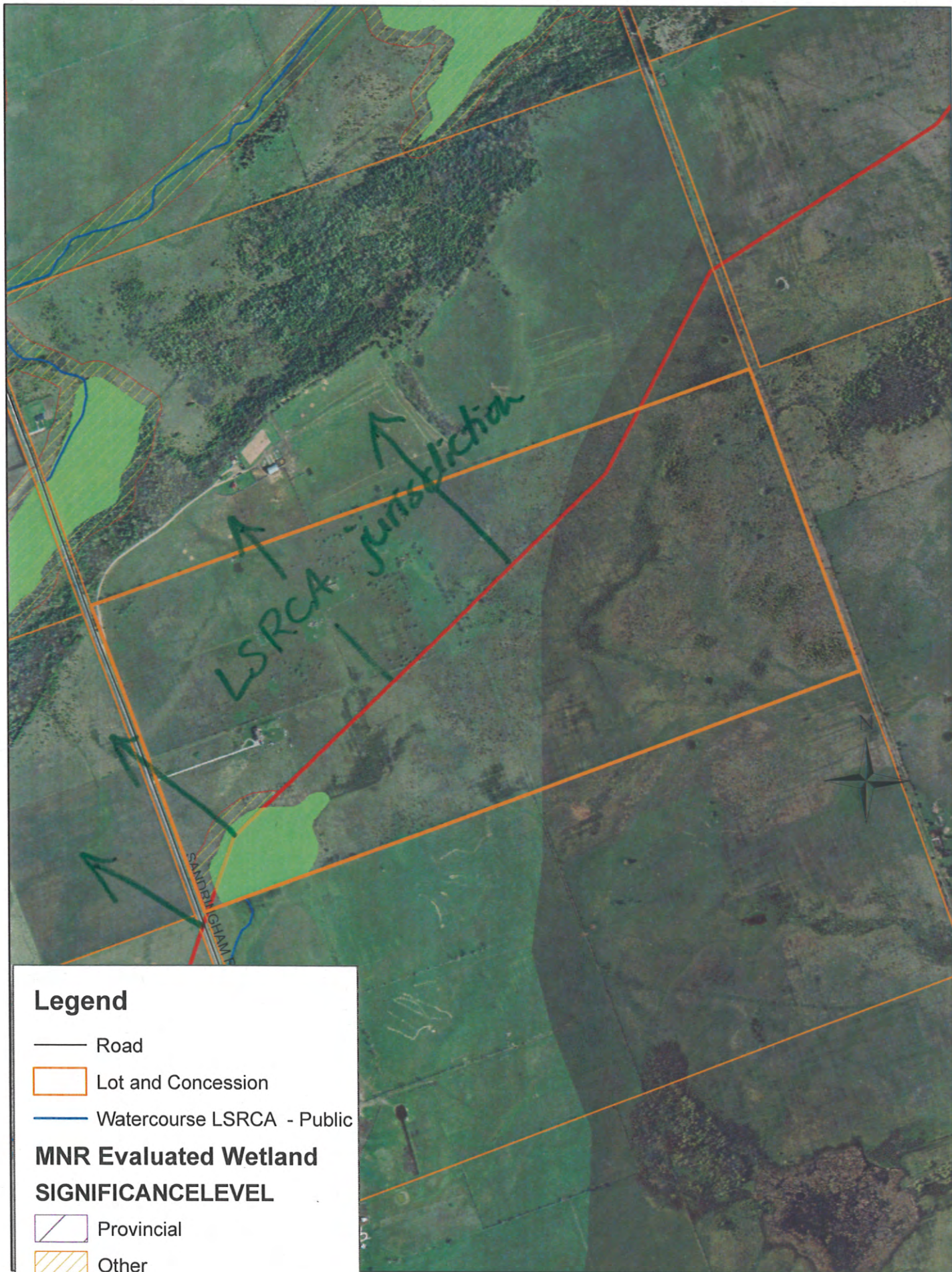
Michael Walters
General Manager, Watershed Management
Lake Simcoe Region Conservation Authority
120 Bayview Parkway, Newmarket, ON L3Y 4X1
905-895-1281, ext 234
www.lsrca.on.ca
Proud Winner of the [2009 International Thiess Riverprize](#)



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Legend

— Road

Lot and Concession

Watercourse LSRCA - Public

MNR Evaluated Wetland

SIGNIFICANCE LEVEL

Provincial

Other

ELC_Wetland

Current Regulation Limit

Petruniak, Jennifer

From: PETER WARING [PWARING@KAWARTHACONSERVATION.COM]
Sent: THURSDAY, AUGUST 26, 2010 7:51 AM
To: PETRUNIAK, JENNIFER
Cc: LBREIVIK@KAWARTHACONSERVATION.COM
Subject: RE: SANDRINGHAM SOLAR MEETING

HI JENNIFER,

BY WAY OF FOLLOW-UP TO YOUR PREVIOUS EMAIL, I HAD A DISCUSSION WITH SOME FOLKS HERE AT KRCA. STAFF ARE CORRECT, NOT A CONCERN FROM A FISH HABITAT STANDPOINT. SO, LONG STORY SHORT, IF THE PROPOSED SOLAR DEVELOPMENT EXCLUDES A 30 METER BUFFER YOU WOULD NOT REQUIRE A PERMIT FROM US. WE WOULD ASK HOWEVER THAT YOU MARK THE WETLAND BOUNDARY ON YOUR SITE PLAN AND SHARE IT WITH US AT YOUR EARLIEST CONVENIENCE.

I HOPE THIS CLEARS UP ANY CONFUSION.

REGARDS

PETER

PETER WARING
 KAWARTHA CONSERVATION
 MANAGER OF PLANNING AND REGULATIONS
 277 KENREI ROAD
 LINDSAY, ON K9V 4R1

(705) 328-2271 EXT. 213

From: Petruniak, Jennifer [mailto:JPetruniak@dillon.ca]
Sent: August-25-10 8:41 AM
To: pwaring@kawarthaconservation.com
Cc: lbreivik@kawarthaconservation.com; 103523; Restivo, David; btregunno@kawarthaconservation.com
Subject: RE: Sandringham Solar Meeting

HI PETER,

REGARDING THE PONDS, WHILE ON SITE ON JULY 27 WITH LEAH AND BRETT WE DISCUSSED THESE. LEAH AND BRETT ADVISED THAT THE PONDS WERE NOT REGULATED BY THE CA. I SPOKE WITH BRETT ABOUT DEVELOPMENT IN AND AROUND THE PONDS AND FISH/FROGS. HE IDENTIFIED THE PONDS AS ISOLATED DUG FARM PONDS USED FOR WATERING CATTLE. THEY ARE NOT CONNECTED TO A WATER SYSTEM. LEAH AND BRETT IDENTIFIED NO ISSUES WITH INFILLING THESE PONDS IF NECESSARY AND DISCOURAGED AGAINST REINTRODUCING SPECIES DUE TO THE POTENTIAL FOR INTRODUCING UNWANTED SPECIES INTO A NEW SYSTEM.

FOR THE REA APPLICATIONS, THESE DUG FARM PONDS DO NOT MEET THE DEFINITION OF A "WATER BODY" AS DEFINED BY THE ATHERTON REGULATION 359/09). THIS IS OUTLINED IN THE WATER REPORT SUBMITTED WITH THE APPLICATION PACKAGE TO THE MOE.

IF YOU HAVE ANY QUESTIONS, PLEASE DON'T HESITATE TO CONTACT ME.

THANKS,
 JEN



Jennifer Petruniak, M.Sc., LEED AP
Dillon Consulting Limited
 235 Yorkland Blvd., Suite 800
 Toronto, Ontario, M2J 4V8
 T - 416.229.4647 ext. 2432
 M - 416.671.6825
 F - 416.229.4692
JPetruniak@dillon.ca
www.dillon.ca

Please consider the environment before printing this email

From: Peter Waring [mailto:pwarining@kawarthaconservation.com]
Sent: Tuesday, August 24, 2010 4:56 PM
To: Petruniak, Jennifer
Cc: lbreivik@kawarthaconservation.com; 103523; Restivo, David
Subject: RE: Sandringham Solar Meeting

HI JENNIFER,

WHILE KRCA WOULD PREFER THAT YOU TOOK A SYSTEM APPROACH, LOOKING AT THE HYDROLOGIC LINKAGE BETWEEN WETLAND, THE PONDS AND DOWN STREAM, IT IS ONLY THE WETLAND THAT WOULD FALL WITHIN MOE'S AUTHORITY. THE "STREAM" DOES NOT HAVE DEFINED CHANNEL AND THEREFORE DOESN'T MEET THE MEET THE LEGISLATION. HOWEVER, THERE IS STILL THE QUESTION OF THE PONDS AND THEREFORE THE FISH HABITAT. A LEVEL 3 AGREEMENT WITH THE FEDERAL DFO TO ADDRESS THESE MATTERS, IT IS NOT CLEAR TO US WHO HAS RESPONSIBILITY UNDER GREEN ENERGY ACT APPLICATIONS. SO I WOULD SUGGEST YOU MAY WISH TO CONSULT MOE TO GET THEIR ADVICE.

CHEERS

PETER

PETER WARING
 KAWARTHA CONSERVATION
 MANAGER OF PLANNING AND REGULATIONS
 277 KENREI ROAD
 LINDSAY, ON K9V 4R1

(705) 328-2271 EXT. 213

From: Petruniak, Jennifer [mailto:JPetruniak@dillon.ca]
Sent: August-24-10 12:47 PM
To: pwarining@kawarthaconservation.com
Cc: lbreivik@kawarthaconservation.com; 103523; Restivo, David
Subject: RE: Sandringham Solar Meeting

HI PETER,

QUICK QUESTION - AS INDICATED IN LEAH'S LETTER TO US ON AUGUST 10, 2010 SHE INDICATED THAT THE REGULATED AREA SURROUNDING THE WETLAND IS 30 M. SO LONG AS OUR DEVELOPMENT STAYS OUTSIDE OF THIS, THEREFORE ELIMINATING THE NEED TO CORRESPOND ANY FURTHER WITH KRCA ON THIS PROPERTY?

THANKS,
 JEN

From: Peter Waring [mailto:pwarining@kawarthaconservation.com]
Sent: Tuesday, August 24, 2010 12:15 PM
To: Petruniak, Jennifer
Cc: lbreivik@kawarthaconservation.com
Subject: RE: Sandringham Solar Meeting

HI JENNIFER,

THANK YOU FOR THE UPDATE REGARDING YOUR PLANS FOR THIS PROJECT. WE UNDERSTAND AND APPRECIATE THE PROPOSED SITE PLANS FOR THE PROJECT AS SOON AS YOU ARE IN A POSITION

3/7/2011

REGARDS,

PETER

PETER WARING
KAWARTHA CONSERVATION
MANAGER OF PLANNING AND REGULATIONS
277 KENREI ROAD
LINDSAY, ON K9V 4R1

(705) 328-2271 EXT. 213

From: Petruniak, Jennifer [mailto:JPetruniak@dillon.ca]
Sent: August-24-10 11:14 AM
To: pwaring@kawarthaconservation.com
Cc: lbreivik@kawarthaconservation.com; Restivo, David; 103523
Subject: RE: Sandringham Solar Meeting

HI PETER,

THANKS FOR YOUR EMAIL. AT THIS TIME WE'RE INVESTIGATING OTHER OPTIONS TO TRY AND AVOID DEVELOPING IN THE WETLANDS. IF IT'S CONSIDERED, WE'D LIKE TO CANCEL THE MEETING SET-UP FOR THIS WEEK. SHOULD IT BE DETERMINED THAT IT'S TECHNICALLY NOT FEASIBLE/EFFICIENT/DESIRABLE TO WORK WITH A SOLAR LAYOUT THAT AVOIDS THIS WETLAND FEATURE, WE'LL MOVE AHEAD WITH THE PERMIT APPLICATION.

WE REALLY APPRECIATE ALL THE ADVICE AND GUIDANCE LEAH AND YOURSELF HAVE PROVIDED.

THANKS,
JEN

From: Peter Waring [mailto:pwaring@kawarthaconservation.com]
Sent: Tuesday, August 24, 2010 10:23 AM
To: Petruniak, Jennifer
Cc: lbreivik@kawarthaconservation.com
Subject: RE: Sandringham Solar Meeting
Importance: High

HI JENNIFER,

UNFORTUNATELY APRIL 26 DOESN'T WORK. WE COULD DO A TELECONFERENCE THIS FRIDAY AT 9:00 A.M. LEAH IS AWAY THE FOLLOWING WEEK. WE WOULD LIKE HER TO BE INVOLVED. TRUST

THANKS
PETER

PETER WARING
KAWARTHA CONSERVATION
MANAGER OF PLANNING AND REGULATIONS
277 KENREI ROAD
LINDSAY, ON K9V 4R1

3/7/2011

(705) 328-2271 EXT. 213

From: Petruniak, Jennifer [mailto:JPetruniak@dillon.ca]
Sent: August-20-10 3:50 PM
To: pwaring@kawarthaconservation.com
Cc: lbreivik@kawarthaconservation.com; Restivo, David; 103523
Subject: Sandringham Solar Meeting

HI PETER,

THANKS FOR TAKING THE TIME TO DISCUSS THIS PROJECT WITH US TODAY. WE REALLY APPRECIATE THE INPUT AND ADVICE FROM DATE. WE'D LIKE TO SCHEDULE A MEETING FOR THURSDAY, AUGUST 26 AT 1PM TO REVIEW THE DRAFT PERMIT APPLICATION AND REFERENCE FOR A SCOPED EIS THAT WE WILL SUBMIT EARLY NEXT WEEK. AS DISCUSSED, WE'D LIKE TO PROCEED UNDER THE C APPROVED TOR FOR THE SCOPED EIS BY THE END OF NEXT WEEK.

IF THE TIME OF THIS MEETING DOESN'T WORK WITH YOUR SCHEDULE, PLEASE LET US KNOW.

THANKS AGAIN AND HAVE A GREAT WEEKEND.

REGARDS,
 JEN



Jennifer Petruniak, M.Sc., LEED AP
Dillon Consulting Limited
 235 Yorkland Blvd., Suite 800
 Toronto, Ontario, M2J 4V8
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 M - 416.671.6825
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JPetruniak@dillon.ca
www.dillon.ca

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3/7/2011

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Ministry of Tourism and Culture

Culture Programs Unit
Programs and Services Branch
Culture Division
435 S. James St., Suite 334
Thunder Bay, ON P7E 6S7
Tel.: 807 475-1638
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Ministère du Tourisme et de la Culture

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December 13, 2010

Scarlett Janusas

Scarlett Janusas Archaeological and Heritage Consulting and Education

jscarlett@amtelecom.net

Dear Scarlett,

Re: Review and acceptance into the Ontario Public Register of Archaeological Reports the archaeological assessment report entitled "Stage 1 & 2 Archaeological Assessment, Sandringham Solar Farm, Part Lot 13, Concession 6, Geographic Township of Eldon, Victoria County, Municipality of Kawartha Lakes, Ontario" written October 2010, received on October 18, 2010 with revisions received on December 9, 2010

PIF: P027-106-2010

MTC: HD00526

FIT #: FM1T51L

This office has reviewed the above-mentioned report, which has been submitted to this Ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18. This review is to ensure that the licensed professional consultant archaeologist has met the terms and conditions of their archaeological licence, that archaeological sites have been identified and documented according to the 1993 technical guidelines set by the Ministry and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario.

This Stage 1 background and Stage 2 field survey has identified two historic archaeological sites, given Borden numbers BcGr-12 and BcGr-13. It has been recommended that BcGr-13 must undergo Stage 3 archaeological assessment prior to development. It is also recommended that site BcGr-12 and its buffer zone of at least 20 metres is not within the impact zone of any of the planned project areas, as shown in Figure 15 of the report, and this site does not require any further archaeological assessment if the site plan remains as shown. The Ministry of Tourism and Culture concurs with these recommendations and accepts this report into the Ontario Public Register of Archaeological Reports. **This letter does not constitute the Ministry's written comments for the purposes of O. Reg 359/09.** Please feel free to contact me with any concerns or questions regarding this letter.

Yours,

Paige Campbell
Archaeology Review Officer

Ministry of Tourism and Culture

CULTURE SERVICES UNIT
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FEBRUARY 10, 2011 (BY E-MAIL ONLY)

SARLETT JANUSAS
SCARLETT JANUSAS ARCHAEOLOGICAL AND HERITAGE CONSULTING AND EDUCATION
269 CAMERON LAKE ROAD
TOBERMORY, ONTARIO
N0H 2R0

Subject: Cultural Heritage Assessment
Project: Proposed Sandringham Solar Farm, Lot 13, Concession 6
Proponent: Invernergy Solar Canada ULC
Location: Township of Eldon, City of Kawartha Lakes
FIT No.: FIT-FM1T51L
MTC File No.: 16EA011

DEAR MS. JANUSAS,

THANK YOU FOR THE OPPORTUNITY TO COMMENT ON THE HERITAGE ASSESSMENT RELATED TO THE NOTED PROPOSED PROJECT.

THE MINISTRY OF TOURISM AND CULTURE'S INTEREST IN THIS PROPOSED PROJECT RELATES TO CONSERVING, PROTECTING AND PRESERVING ONTARIO'S HERITAGE INCLUDING CULTURAL HERITAGE BUILT HERITAGE RESOURCES AND ARCHAEOLOGICAL SITES.

THIS OFFICE HAS REVIEWED THE ABOVE-MENTIONED REPORT, AND HAS THE FOLLOWING COMMENTS:

GENERAL COMMENT

THE REPORT DOES NOT INDICATE WHAT LEGISLATED OR REGULATORY PROCESS THIS PROJECT IS SEEKING A RENEWABLE ENERGY APPROVAL ACCORDING TO ONTARIO REGULATION 35 UNDER THE ENVIRONMENTAL PROTECTION ACT? IT IS IMPORTANT TO INDICATE WHAT PROCESS FOLLOWING, AS THAT DETERMINES THE CULTURAL HERITAGE REQUIREMENTS. WITHOUT THIS INFORMATION, THE MINISTRY OF TOURISM AND CULTURE CANNOT COMPLETE ITS REVIEW OF THE REPORT.

THE REPORT DOES NOT PROVIDE A DESCRIPTION OF THE PROPOSED SOLAR FARM PROJECT. IT IS NOT POSSIBLE TO DETERMINE THE IMPACTS OF A PROJECT WITHOUT UNDERSTANDING THE NATURE OF THE PROJECT.

THE REPORT INDICATES THAT THE PROPERTY WAS EVALUATED USING THE *Standards and Guidelines for the Conservation of Historic Places in Canada*. THE PRIMARY PURPOSE OF THIS DOCUMENT IS: "TO PROVIDE SOUND, PRACTICAL GUIDANCE TO ACHIEVE GOOD CONSERVATION PRACTICE...AND ORIENTED GUIDANCE FOR SOUND DECISION MAKING WHEN PLANNING FOR, INTERVENING AND USING A PLACE." IT DOES NOT PROVIDE A METHODOLOGY FOR EVALUATING THE CULTURAL HERITAGE VALUE OF A POTENTIAL CULTURAL HERITAGE RESOURCE. THE REPORT ALSO REFERENCES THE HISTORICAL BUILDING REVIEW OFFICE (FHBRO) EVALUATION CRITERIA, WHICH ARE A PART OF THE FEDERAL HERITAGE BUILDING REVIEW OFFICE (FHBRO) EVALUATION CRITERIA.

HERITAGE STRUCTURES. IT IS NOT CLEAR WHY THIS SYSTEM WAS USED. THESE ARE NOT FEDERAL PROPERTIES AND THEREFORE IT IS INAPPROPRIATE TO USE A FHBRO PROCESS.

MTC RECOMMENDS THAT EACH OF THE IDENTIFIED BUILT HERITAGE RESOURCES AND THE PROJECT AS A WHOLE BE EVALUATED AGAINST ONTARIO REGULATION 9/06 *Ontario Regulation 9/06 for Determining the cultural heritage value or interest* ISSUED UNDER THE ONTARIO HERITAGE ACT. IF THIS PROJECT IS FOLLOWING THE RENEWABLE ENERGY APPROVALS PROCESS, SECTION 23 (1)(A)(I) OF ONTARIO REGULATION 359/09 REQUIRES REG. 9/06 BE USED TO EVALUATE ANY POTENTIAL HERITAGE RESOURCES AT THE PROJECT SITE. FURTHERMORE, IF THIS PROJECT IS FOLLOWING RENEWABLE ENERGY APPROVALS PROCESS, THE CITY OF KAWARTHA OFFICIAL PLAN (DRAFT) AND THE PROVINCIAL POLICY STATEMENT ARE NOT APPLICABLE LEGISLATION OR POLICY. REFERENCES TO THESE DOCUMENTS SHOULD THEREFORE BE REMOVED FROM THE REPORT (PAGE 5).

UNDER SECTION 7 CULTURAL HERITAGE RESOURCES ASSESSMENT

AS STATED PREVIOUSLY THE IDENTIFIED CULTURAL HERITAGE RESOURCES SHOULD BE EVALUATED AGAINST ONTARIO REGULATION 9/06. MTC UNDERSTANDS THAT BUILT HERITAGE RESOURCES #2, 3, AND 4 HAVE BEEN REGISTERED WITH THE MINISTRY AS PART OF ARCHAEOLOGICAL SITES. HOWEVER, SINCE THEY HAVE BEEN IDENTIFIED AS BUILT HERITAGE RESOURCES, THEY SHOULD BE EVALUATED UNDER THE REPORT TO DETERMINE AND BETTER UNDERSTAND ITS CULTURAL HERITAGE VALUE OR INTEREST. A STATEMENT OF CULTURAL HERITAGE VALUE FOR EACH IDENTIFIED RESOURCE SHOULD BE INCLUDED UNDER SUBSECTION 7.1.1 CULTURAL HERITAGE VALUE.

UNDER SECTION 8.0 MITIGATION RECOMMENDATIONS

THE REPORT RECOMMENDS THAT THE TWO REGISTERED ARCHAEOLOGICAL SITES WHICH CONTAIN HERITAGE RESOURCES #2, 3, AND 4 BE: "AVOIDED IN THE DEVELOPMENT OF THE SOLAR FARM AND ANY OTHER DEVELOPMENT AND INDIRECT IMPACT ASSOCIATED WITH ITS DEVELOPMENT." IF THIS PROJECT IS FOLLOWING THE RENEWABLE ENERGY APPROVALS PROCESS, THEN SECTION 23 (1) (A)(II) STATES THAT THE HERITAGE ASSESSMENT REPORT SHALL INCLUDE AN EVALUATION OF ANY IMPACT OF THE RENEWABLE ENERGY PROJECT ON THE HERITAGE RESOURCES AND PROPOSED MEASURES TO AVOID, ELIMINATE OR MITIGATE THE IMPACT, WHICH INCLUDES A HERITAGE CONSERVATION PLAN." THE REPORT DOES NOT EXPLAIN WHAT DIRECT OR INDIRECT IMPACTS WILL OCCUR, NOR DOES IT PROPOSE MEASURES OF HOW TO AVOID THOSE IMPACTS.

IN CONCLUSION THE HERITAGE ASSESSMENT ~~is not considered complete~~ UNTIL THE FOLLOWING ACTIVITIES ARE UNDERTAKEN AND REPORTED ON INCLUDING:

- THE REPORT NEEDS TO CLEARLY INDICATE WHETHER THE PROJECT IS FOLLOWING THE RENEWABLE ENERGY APPROVALS PROCESS AND PROVIDE THE PROPONENT'S FULL NAME AND CONTACT INFORMATION WITHIN THE REPORT.
- A WRITTEN DESCRIPTION OF THE PROPOSED PROJECT, SUPPORTED BY A SITE PLAN SHOWING THE POSITION OF THE SOLAR PANELS AND RELATED INFRASTRUCTURE (TEMPORARY OR PERMANENT) PROPERTY AND IN RELATION TO THE RESOURCES IDENTIFIED IN THE REPORT.
- THE FOUR POTENTIAL BUILT HERITAGE RESOURCES (FEATURES) IDENTIFIED MUST BE EVALUATED AGAINST ONTARIO REGULATION 9/06 *Ontario Regulation 9/06 for Determining Cultural Heritage Value or Interest*, ISSUED UNDER THE ONTARIO HERITAGE ACT. A STATEMENT OF CULTURAL HERITAGE VALUE SHOULD BE PREPARED FOR EACH IDENTIFIED HERITAGE RESOURCE.
- IF HERITAGE RESOURCES ARE IDENTIFIED, CLEARLY OUTLINE AND DESCRIBE ALL PROJECT IMPACTS, BOTH DIRECT AND INDIRECT, ON THE HERITAGE RESOURCES IDENTIFIED ON THE PROJECT PROPERTIES. IF THE PROJECT IS SEEKING A RENEWABLE ENERGY APPROVAL UNDER ONTARIO REGULATION 359/09, SECTION 23 (1)(A)(II) STATES THAT THE HERITAGE ASSESSMENT REPORT INCLUDES BOTH THE EVALUATION OF POTENTIAL IMPACTS ON HERITAGE RESOURCES, FOLLOWED BY THE EVALUATION OF IMPACTS.
- WHEN DETERMINING IMPACTS, THE REPORT SHOULD CONSIDER BOTH DIRECT AND INDIRECT IMPACTS. THE REVISED REPORT SHOULD INCLUDE MAPPING AS WELL AS VISUAL MODELLING AS APPROPRIATE TO SHOW HOW VIEWSCAPES/VIEWSHEDS WILL BE IMPACTED BY THE PROPOSED PROJECT.

- PROPOSE MEASURES FOR AVOIDING, ELIMINATING, OR MITIGATING ANY IDENTIFIED IMPACTS

THE MINISTRY REQUESTS THAT WE ARRANGE A TIME TO DISCUSS THIS HERITAGE ASSESSMENT REVISION AND RESUBMISSION TO MTC FOR REVIEW AND COMMENT. REVISIONS MAY BE SUBMITTED ELECTRONICALLY AS A REVISED REPORT; A HARD COPY IS NOT REQUIRED. ONCE THE MINISTRY HAS FINAL COMMENTS ON THE REPORT, THE CONSULTANT SHOULD SEND HARD COPIES TO THE MINISTRY.

WE TRUST THAT THIS IS OF ASSISTANCE; PLEASE CONTACT ME DIRECTLY TO ARRANGE A TIME TO DISCUSS THE REPORT.

SINCERELY,

Paula Kulpa
A/HERITAGE PLANNER
416.314.7137

CC: CHRIS SCHILLER, MANAGER
MINISTRY OF TOURISM AND CULTURE

Ministry of Tourism and Culture
CULTURE DIVISION
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May 3, 2011

Mr. Ryan Ralph
Invenergy Solar Canada ULC
12 King Street West
Bolton, ON
L7E 1C7

RE: Colloquial Name of Project: Sandringham Solar Farm

Location: Lot 13, Concession 6, Township of Eldon, City of Kawartha Lakes

OPA Reference Number: FIT-FM1T51L

MTC DPR file no.: PLAN-16EA011

Dear Mr. Ralph:

This letter constitutes the Ministry of Tourism and Culture's written comments as required by s. 23(3)(a) of O. Reg. 359/09 under the *Environmental Protection Act* regarding heritage assessments undertaken for the above project.

Based on the information contained in the report you have submitted for this project, the Ministry is satisfied with the heritage assessment. Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the heritage assessment report.*

The report recommends the following [quote the recommendations from the report]:

9.0 MITIGATION RECOMMENDATIONS

As per the Environmental Protection Act – O. Reg. 359/09 (Government of Ontario 2009:22), an evaluation of any impact of the renewable energy project on any heritage resources which may exist on or abutting the property and proposed measures to avoid, eliminate or mitigate the impact, are made herein.

Results of the cultural heritage assessment of the proposed Sandringham solar project are:

- There are three built features identified on the property with heritage value or interest, and
- There are no cultural heritage landscapes that will be severely impacted by the development of a solar farm on the subject property.

Recommendations resulting from the cultural heritage assessment are:

- The archaeological site identified as built heritage features #'2 and 3 (one archaeological site with two structural components) is recommended for avoidance. Should avoidance not be feasible, an archaeological assessment and heritage impact assessment is recommended; and
- The archaeological site identified as built heritage feature #4 is recommended for avoidance. Should avoidance of the ruin itself not be feasible, a heritage impact assessment should be conducted. An archaeological assessment for the ruin environs is recommended. This recommendation is consistent with the archaeological report for the project area.

The Ministry is satisfied with these recommendations.

This letter does not waive any requirements which you may have under the Ontario *Heritage Act*. Also, this letter does not constitute approval of the renewable energy project. Approvals of the project may be required under other statutes and regulations. It is your responsibility to obtain any necessary approvals or licences.

Please feel free to contact me if you have questions or require additional information.

Sincerely,

Paula Kulpa
Heritage Planner

cc. Scarlett Janusas, Project Manager
Scarlett Janusas Archaeological and Heritage Consulting and Education

Chris Schiller, Manager
Culture Services Unit, Ministry of Tourism and Culture

Joel Schroeder
Invenergy Solar Canada ULC

* In no way will the Ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

**Ministry of
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June 10th, 2010

Dhillon Consulting
225 Yorkland Blvd, Suite 800
Toronto ON
M3J 4Y8

Attention : Mr. David Restivo

Dear Mr. Restivo:

Re: Invenergy Canada, Sandringham Solar Energy Center

This letter is in response to your request for additional information on natural heritage features, in accordance with the Records Review phase of the Natural Heritage Assessment required for the Renewable Energy Approvals (REA) process (O.Reg 359/09).

Based on the map provided in your correspondence dated July 12, 2010, MNR investigated known and available natural heritage information for the project location as identified through the aforementioned correspondences.

According to MNR's known and available records, we offer the following comments with respect to the presence of natural heritage features/areas in and around the subject property:

Wetlands

Our records indicate that there are several unevaluated wetlands within and 120 meters adjacent to your project location.

Further investigation of any unidentified wetland features should be completed and using evaluation criteria of procedures established or accepted by the MNR, as amended from time to time.

Areas of Natural and Scientific Interest (ANSI)

Our records indicate that there are no ANSI features identified within 120 meters of your project location.

Woodland

According to our records there are wooded areas adjacent to the project location. Those areas should be examined to determine the presence of, or suitable habitat for, species at risk or species of special concern.

MNR recommends referring to the Natural Heritage Reference Manual for procedures and criteria to determine significant woodland. The local conservation authority and planning authority may have additional information.

Wildlife Habitat

At this time, no significant wildlife habitat (SWH) is known to occur on the subject properties however the following information should be considered during site investigation.

Prior to site investigation and to assist in identifying candidate SWH or to confirm SWH, MNR recommends referring to the SWH Technical Guide for procedures and criteria.

Fish and Fish Habitat

Several streams and small water bodies have been identified within the project locations. The thermal regimes and fish species assemblages for those water bodies have not been identified at this time.

Thermal regime and stream locations should be verified through appropriate site investigation activities. MNR does not have fisheries habitat or species information for the streams at this time.

Lake Trout Lakes

No lake trout lakes are known to occur in or adjacent to the project location.

Species at Risk

Species such as and not limited to, Butternut, , (Endangered), Loggerhead Shrike, (Endangered), King Rail (Endangered), Least Bittern (Threatened), Blandings Turtle (Threatened) and Whip-poor-will (Threatened) are generally known to occur within the general geography of the study area, however there are currently no known occurrences within your project location. Please note that the habitats of Loggerhead Shrike and Whip-poor-will are protected at this time.

Species listed as endangered or threatened on the Species at Risk in Ontario (SARO) list are protected under the Endangered Species Act, 2007 (ESA, 2007). Section 9(1) of the ESA, 2007 prohibits a person from killing, harming, harassing, capturing or taking a member of a species listed as endangered, threatened or extirpated on the SARO list. Section 10(1) of the ESA, 2007 prohibits the damage or destruction of habitat of a species listed as endangered or threatened on the SARO list.

Although no other threatened or endangered species or their habitat have been documented in the area of the proposed project, these features may be present and this list should not be considered complete.

If any species at risk are found please contact the Peterborough District Species at Risk Biologist, at the Peterborough District MNR office at 705-755-2100. Requirements of the ESA, 2007 with respect to renewable energy projects can be found in MNR's Approvals and Permitting Requirements (APRD) document.

MNR strongly recommends that planning for site investigation should take place well in advance of the appropriate season and draft monitoring protocols or procedures should be submitted to MNR for review to ensure that work is completed in accordance with MNR guidelines or procedures or requirements.

I trust this meets your requests. Please feel free to contact our office with any further questions, at 705-755-2001.

Sincerely,

Originally Signed by

Eric R. Prevost
Planning Ecologist
Peterborough District MNR

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July 14, 2010

Dhillon Consulting
225 Yorkland Blvd, Suite 800
Toronto ON
M3J 4Y8

Attention : Mr. David Restivo

Dear Mr. Restivo:

Re: Invenergy Canada, Sandringham Solar Energy Center

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Further investigation of any unidentified wetland features should be completed and using evaluation criteria of procedures established or accepted by the MNR, as amended from time to time.

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Our records indicate that there are no ANSI features identified within 120 meters of your project location.

Woodland

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Fish and Fish Habitat

Several streams and small water bodies have been identified within the project locations. The thermal regimes and fish species assemblages for those water bodies have not been identified at this time.

Thermal regime and stream locations should be verified through appropriate site investigation activities. MNR does not have fisheries habitat or species information for the streams at this time.

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No lake trout lakes are known to occur in or adjacent to the project location.

Species at Risk

Species such as and not limited to, Butternut, , (Endangered), Loggerhead Shrike, (Endangered), King Rail (Endangered), Least Bittern (Threatened), Blandings Turtle (Threatened) and Whip-poor-will (Threatened) are generally know to occur within the general geography of the study area, however there are currently no know occurrences within you project location. Please note that the habitats of Loggerhead Shrike and Whip-poor-will are protected at this time.

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Although no other threatened or endangered species or their habitat have been documented in the area of the proposed project, these features may be present and this list should not be considered complete.

If any species at risk are found please contact the Peterborough District Species at Risk Biologist, at the Peterborough District MNR office at 705-755-2100. Requirements of the ESA, 2007 with respect to renewable energy projects can be found in MNR's Approvals and Permitting Requirements (APRD) document.

MNR strongly recommends that planning for site investigation should take place well in advance of the appropriate season and draft monitoring protocols or procedures should be submitted to MNR for review to ensure that work is completed in accordance with MNR guidelines or procedures or requirements.

I trust this meets your requests. Please feel free to contact our office with any further questions, at 705-755-2001.

Sincerely,



Eric R. Prevost
Planning Ecologist
Peterborough District MNR

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March 24, 2011

Invenergy Solar Canada ULC
12 King Street West,
Bolton, Ontario, L7E 1C7
Attention: Mr. Ryan Ralph, Development Manager

Re: Invenergy Canada, Sandringham Solar Energy Farm

Dear Mr. Ralph:

Thank you for your recent submission of the Natural Heritage Assessment (NHA) reports supporting the Sandringham Solar Energy Farm, in accordance with the Renewable Energy Approvals (REA) process administered through Ontario Regulation 359/09. The Peterborough District MNR staffs have completed the review of the NHA reports and offer the following for your consideration.

General Comments

Information related to water bodies, additional project permitting requirements and information related to compliance of provincial and federal statutes and acts should be addressed through documentation separate from the natural heritage assessment requirements as outlined in O.Reg. 359/09.

Species at Risk

Please note that Species listed as extirpated, endangered or threatened on the Species at Risk in Ontario (SARO) List are protected under the Endangered Species Act, 2007 (ESA). Section 9(1) of the ESA prohibits a person from killing, harming, harassing, capturing or taking a member of a species listed as endangered, threatened or extirpated on the SARO list. Section 10(1) of the ESA prohibits the damage or destruction of habitat of a species listed as endangered or threatened on the SARO list. Considerations for Species at Risk and any associated permits which may be required through the Endangered Species Act are administered through a separate process from the Renewable Energy Approval process.

MNR recommends conducting a preliminary site assessment to determine if species at risk or their habitat are likely to occur on the subject property or in the general surrounding area. This assessment is primarily a review of currently available information (e.g. from MNR, municipalities, conservation authorities) including species distributions and habitat requirements at all life stages. However, preliminary field work may be necessary at this stage to confirm some of the available information. If a preliminary site assessment determines that no species at risk or their habitat are present on the subject property, then no further assessment may be necessary. If a preliminary site assessment determines that species at risk or their habitat may be present on the subject property, then we recommend completing a detailed site assessment that includes additional field investigations at the appropriate time of year by a qualified individual. MNR also recommends you fully evaluate your proposed project/activities for

potential impacts to species at risk or their habitat to ensure that your proposed project activities will not contravene the ESA, 2007.

MNR should be contacted immediately if the assessment described above determines that species at risk or their habitat is present and may be impacted by on site activities. Activities should be modified to avoid any negative impacts to species at risk or their habitat until further discussions with MNR can occur regarding opportunities for avoidance or permitting requirements. Should you have any questions please contact the Peterborough District Species at Risk Biologist at 705-755-2001.

At this time, our office is currently evaluating the information previously submitted related to Sandringham site and will be in contact with you regarding any applicable Endangered Species Act permitting requirements.

Approval and Permitting and Requirement Document (APRD)

The APRD considerations and the Natural Heritage Assessment process are linked but separate processes. The MNR confirmation letter as outlined under section 28 of the Renewable Energy Approval Regulation (O. Reg. 359/09) does apply to any APRD requirements your project may require. As a result, the MNR recommends that the references to Approval and Permitting Requirement Document (APRD) should be kept separate from the main NHA reports. It is appropriate to include these requirements in an appendix to the NHA to be submitted to the MNR for review as part of the complete submission to the Ministry of the Environment.

Records Review (RRR)

While not critical, the MNR does suggest that Table 1 on page 7 of the RRR be revised to accurately reflect the City of Kawartha Lakes as a single tier municipality. Currently the table indicates that the City is a lower tier municipality. In addition, as presented Table 1 appears to indicate that the local boards, road boards etc exist but no records were obtained from them for the project area. MNR suggest revising this to accurately reflect that these boards do not exist for this project.

Clarification is required between Sections 5.1.2.1 (page 17) and 5.1.3.1 (page 18) with regards to the presence of alvar habitats within the project location. Section 5.1.2.1 indicates that no alvars were identified through the records review process however, Section 5.1.3.1 indicates that "...alvar habitats are interspersed within agricultural land...". The identification these features should also be appropriately displayed on associated figures and tables.

Site Investigation (SIR)

MNR suggest revising Table 4 on page 16 of the SIR to provide a total number of hours completed for all site visit (i.e. provide total duration of field work).

Table 7: Candidate Wildlife Habitat in the Project Location and Surrounding 120 m lists Amphibian Breeding habitat (woodland) twice once on page 28 and again on page 29.

Additionally, page 35 of the SIR indicates that Candidate Woodland Amphibian Breeding Habitat was observed in willow deciduous swamp and overlaps the 120 metre setback of the project location. However, this wildlife habitat feature is contradicts the findings reported in Table 7: Candidate Wildlife Habitat in the Project Location and Surrounding 120 m as well as Table 9 Identified Natural Features does not list this wildlife feature.

Lastly, Table 9: Identified Natural Features lists Turtle Nesting and Over-wintering Areas as a natural feature. This also appears to contradict statements on page 36 that indicate wetland

communities present within 120 metres of the project location are not candidate turtle overwintering areas due to a lack of standing water. Further, the SIR indicates that the project location and surrounding 120 metres lack the appropriate substrates to be a candidate turtle nesting areas and no turtles were observed during the site investigation. Please revise these sections of the SIR to accurately reflect what natural features are present within the project location.

Evaluation of Significance

A number of wildlife habitats have been evaluated as not significant based solely on "listed species not observed". MNR cautions that relying solely on the presence/absence of individual species as the criteria for determining significance may not be appropriate. Further information and details of the physical conditions of habitats should be documented and discussed in terms of their contribution to the determination of significance.

Environmental Impact Study

The construction activities should be described in relation to the realized project components and the works associated with each. The locations of roads, lay-down area, panels, transmission and connection areas should be visually represented and mapped as the project location and the construction works should be described in relation to the realized locations of those components. Additionally project located impacts should be described in terms of construction, operation and decommissioning phases as impact may be different through each phase of the project.

The Natural Heritage Assessment Guide for Renewable Energy Projects (MNR, 2010) provides a detailed description of the Environmental Impact Study report requirements including approaches to mitigation. Further, the guide describes approaches to considering the functions and attributes that contribute the ecological significance of impacted features and how the maintenance of those functions and features should be addressed through mitigation approaches that are responsive to realized project phases and activities. One approach for consideration is the identification of objectives and baselines for certain feature types and descriptions of how mitigation measure will achieve the objectives set, how monitoring will occur to ensure the mitigation is achieving objectives and what contingencies will be put in place should the mitigation not achieve the desired results.

We encourage you to continue your dialogue with our office throughout the development of your Environmental Impact Study and proposed mitigation approaches to predicted impacts.

Please note that the significant wildlife habitat decision support tool may provide more appropriate direction with respect to mitigation measures and techniques to reduce and mitigate against project impacts. Should you have any questions, or require further clarification, please feel free to contact me directly.

Please feel free to contact our office with any further questions, at 705-755-2001.

Sincerely,



Eric R. Prevost
Planning Ecologist
Peterborough District MNR

Cc: Mr. David Restivo, Dillon Consulting

**Ministry of
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Telephone: (705) 755-2001
Facsimile: (705) 755-3125

**Ministère des
Richesses naturelles**

Le bureau du district de Peterborough
C.P. 7000, 300 rue Water
Peterborough, Ontario K9J 8M5
Téléphone: (705) 755-2001
Facsimile: (705) 755-3125



June 29, 2011

Invenergy Solar Canada ULC
120 Front Street
Toronto ON
M5A 4L9

Attention: Mr. Ryan Ralph, Development Manager

Dear M. Ralph,

In accordance with the Ministry of the Environment's (MOE's) Renewable Energy Approvals regulation (O.Reg.359/09), applicants are required to prepare a natural heritage assessment and environmental impact study using evaluation criteria or procedures established or accepted by the Ministry of Natural Resources (MNR). The regulation requires MNR to confirm that the natural heritage assessment and environmental impact study, including mitigation measures, were prepared using established procedures acceptable to MNR. The MNR's confirmation letter, along with other required project documentation, must be submitted to MOE as part of an application for a Renewable Energy Approval for consideration by MOE in making their Renewable Energy Approval decision.

The Ministry of Natural Resources (MNR) has reviewed the natural heritage assessment and environmental impact study reports submitted June 21, 2011, for the Invenergy Solar Canada ULC Sandringham Solar Farm, located at 764 Sandringham Road, in the City of Kawartha Lakes.

In accordance with sections 28(2) and 38(2)(b) of the Renewable Energy Approvals regulation, MNR provides the following confirmations following review of the natural heritage assessment reports:

1. The MNR confirms that the determination of the existence of natural features and the boundaries of natural features was made using applicable evaluation criteria or procedures established or accepted by MNR.
2. The MNR confirms that the site investigation and records review were conducted using applicable evaluation criteria or procedures established or accepted by MNR.
3. The MNR confirms that the evaluation of the significance or provincial significance of the natural features was conducted using applicable evaluation criteria or procedures established or accepted by MNR.

4.The MNR confirms that the project location is not in a provincial park or conservation reserve.

5.The MNR confirms that the environmental impact study report has been prepared in accordance with procedures established by the MNR.

MNR is providing this confirmation letter based on the review of the information provided in your natural heritage assessment reports. Applicants should be aware of the transition provisions under section 62 of the amended Renewable Energy Approvals regulation and fulfill natural heritage assessment requirements accordingly.

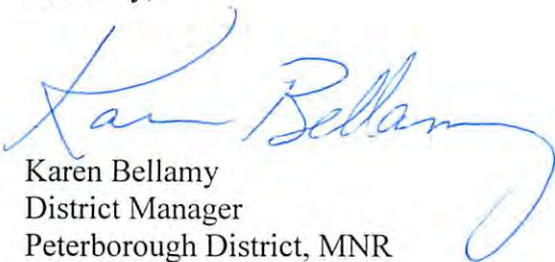
Where specific commitments have been made by the applicant in the natural heritage assessment with respect to project design, construction, rehabilitation, operation, mitigation, or monitoring, MNR expects that these commitments will be considered in MOE's Renewable Energy Approval decision and, if approved, be implemented by the applicant.

This confirmation letter is valid for the project as proposed in the natural heritage assessment and environmental impact study, including those sections describing the environmental effects monitoring plan and construction plan report. Should any changes be made to the proposed project that would alter the natural heritage assessment, MNR may need to undertake additional review of the natural heritage assessment.

In accordance with section 12(1) of the Renewable Energy Approvals Regulation, this letter must be included as part of your application submitted to the MOE for a Renewable Energy Approval.

If you wish to discuss any part of the confirmation or additional comments provided, please contact Eric R. Prevost, Renewable Energy Planning Ecologist, at (705) 755-3134.

Sincerely,


Karen Bellamy
District Manager
Peterborough District, MNR

cc. Jim Beal, Renewable Energy Provincial Field Program Coordinator, Regional Operations Division, MNR

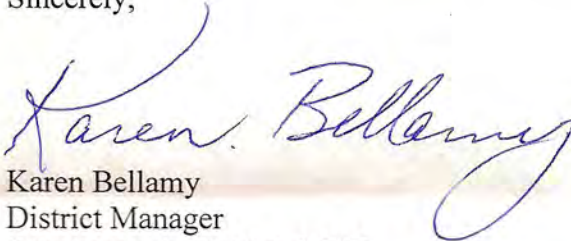
Narren Santos, Environmental Assessment and Approvals Branch, MOE

Don McKinnon, REA Project Manager, Dillon Consulting Limited

In accordance with section 12(1) of the Renewable Energy Approvals Regulation, this letter must be included as part of your application submitted to the MOE for a Renewable Energy Approval.

If you wish to discuss any part of the confirmation or additional comments provided, please contact Eric R. Prevost, Renewable Energy Planning Ecologist, at (705) 755-3134.

Sincerely,



Karen Bellamy
District Manager
Peterborough District, MNR

cc. Jim Beal, Renewable Energy Provincial Field Program Coordinator, Regional
Operations Division, MNR
Narren Santos, Environmental Assessment and Approvals Branch, MOE
Don McKinnon REA Project Manager, Dillon Consulting Limited

July 27, 2011

Narren Santos
Program Support Coordinator - Environmental Assessment Support Unit
Ministry of the Environment
2300 Yonge St., Suite 1700
Toronto, ON M4P1E4

**RE: Notice of a Draft REA Document Release and Second Public Meeting
Sandringham Solar Farm**

Dear Narren Santos:

Invenergy Solar Canada ULC ("Invenergy Canada") is planning to develop a 10 megawatt (MW) solar farm near the community of Woodville in the City of Kawartha Lakes. As a key stakeholder in the Sandringham Solar Farm project area, you have been contacted previously (letter dated June 16, 2010) and we are now writing to give you an update on this project.

Invenergy Canada has received a contract from the Ontario Power Authority (OPA) for the purchase of electricity generated by photovoltaic solar panels from this project through the Province's Feed-in-Tariff (FIT) program. The distribution of this notice, as well as the project itself, are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and *Ontario Regulation 359/09*. The REA replaces approvals formerly required under the *Environmental Assessment Act*, *Planning Act*, and *Environmental Protection Act*. This notice is being distributed in accordance with sections 15 & 16 of the Regulation prior to an application for appeal being submitted and assessed for completeness by the Ministry of the Environment.

Invenergy Canada has now completed the draft Renewable Energy Approval documents, which are available for public review as of July 29th, 2011. They are available in a variety of locations; on the proponent's website (<http://sandringham.invenergylc.com>), at the Municipal Clerks Office (Kawartha City Hall, 1st floor, 26 Francis Street, Lindsay, Ontario), at the Woodville Public Library (78 King Street, Woodville, Ontario) and at Invenergy Canada's Head Office (120 Front Street East, Suite 201, Toronto, Ontario). The following draft reports, making up the REA package, are available:

• Project Description Report	• Decommissioning Plan Report	• Natural Heritage Assessment Report
• Construction Plan Report	• Acoustic Assessment Report (appended to the Design and Operations Report)	• Water Assessment Report
• Design and Operations Report		• Archaeological Stage 1 and 2 Report
		• Cultural Heritage Study Report

Narren Santos
Page 2
July 27, 2011



Throughout the REA process, Invenergy Canada is committed to proactively informing the community about the proposed project. The first public information centre was held on July 21, 2010 and was well attended. We will be holding a second public information session on **Wednesday, September 28, 2011 from 5:00-8:00 p.m.** at the **Fenelon Town Community Centre** (2255 Elm Tree Road, Cambray, Ontario K0M 1E0). Full details are available in the attached ad. We will be providing information about the draft REA documents and study findings and encourage you to attend.

If you have questions or comments about the project before then, please do not hesitate to contact me. I, or someone from our office, will be happy to meet with you in person to answer your questions.

Yours truly,

A handwritten signature in black ink that reads "R. Ralph".

Ryan Ralph
Development Manager
Invenergy Canada
120 Front St. E, Suite 201
Toronto, Ontario
M5A 4L9
RRalph@invenergyllc.com
P: (416)901-9463
F: (416)546-9905

cc: Don McKinnon, Dillon Consulting

Enclosed
Notice of Draft REA Document Release and Second Public Information Centre

Ministry of Tourism and Culture

Culture Programs Unit
Programs and Services Branch
Culture Division
435 S. James St., Suite 334
Thunder Bay, ON P7E 6S7
Tel.: 807 475-1632
Fax: 807 475-1297

Ministère du Tourisme et de la Culture

Unité des programmes culturels
Direction des programmes et des services
Division de culture
Bureau 334, 435 rue James sud
Thunder Bay, ON P7E 6S7
Tél.: 807 475-1632
Télééc.: 807 475-1297



October 24, 2011

Invenergy LLC
Mr. Joel Schroeder
One South Wacker Drive, Suite 1900
Chicago, IL 60606

JSchroeder@invenergyllc.com

RE: Sandringham Solar Facility

**Part Lot 13, Concession 6, Eldon Township, Former Victoria County, City of
Kawartha Lakes.**

FIT#: FIT-FM1T51L

IRIMS: HD00526

PIFs: P027-106-2010; P027-113-2010; P027-135-2011

Dear Proponent:

This letter constitutes the Ministry of Tourism and Culture's written comments as required by s. 22(3)(a) of O. Reg. 359/09 under the *Environmental Protection Act* regarding archaeological assessments undertaken for the above project.

Based on the information contained in the report(s) you have submitted for this project, the Ministry believes the archaeological assessment complies with the *Ontario Heritage Act's* licensing requirements, including the licence terms and conditions and the Ministry's 1993 Archaeological Assessment Technical Guidelines or the 2011 Standards and Guidelines for Consultant Archaeologists (whichever apply). Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the Report(s).*

The report(s) recommends the following:

Report for PIF P027-106-2010, entitled *Stage 1 & 2 Archaeological Assessment Sindringham Solar Farm Part Lot 13, Concession 6 Geographic Twonship of Eldon, Victoria County,*

Municipality of Kawartha Lakes, Ontario. Dated October, 2010, received by MTC Toronto Office October 18, 2010, recommends:

- Avoidance of the site BcGr-12 was recommended during the project, and the proponent concurred with the recommendation and rerouted the proposed access road to avoid any development impact to the area of BcGr-12.
- A Stage 3 archaeological assessment of the site BcGr-13 prior to any development.
- If development is imminent and cannot be delayed to accommodate the Stage 3 archaeological assessment of BcGr-13 immediately, then it is recommended, as an interim measure only, that a buffer of 20 m (from the last artifact/cultural feature located) be established with appropriate fencing on all sides to ensure that all potential associated cultural features be avoided. This is a temporary measure only, and Stage 3 archaeological assessment of BcGr-13 is still required.
- The remainder of the study area (where no cultural material or features were located) is recommended to be cleared of archaeological concerns; however,
- Should previously undocumented archaeological resources be discovered, they may be an archaeological site and therefore subject to Section 48(10) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out archaeological fieldwork, in compliance with sec. 48(1) of the Ontario Heritage Act.
- The Cemeteries Act requires that any person discovering human remains must notify the police or coroner and the Registrar of Cemeteries, Ministry of Small Business and Consumer Services.

Report for PIFs P027-116-2010 and PIF P027-135-2011, entitled *REVISED: Stage 3 Archaeological Assessment, Sandringham Solar Facility, BcGr-13, Part Lot 13, Concession 6, Eldon Township, Former Victoria County, City of Kawartha Lakes.* Dated August 22, 2011, received by MTC Toronto Office August 24, 2011, recommends:

- With respect to the site BcGr-13, no further archaeological assessment is required.

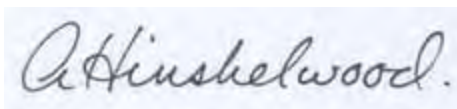
The Ministry is satisfied with these recommendations.

This letter does not waive any requirements which you may have under the Ontario *Heritage Act*. A separate letter addressing archaeological licensing obligations under the Act will be sent to the archaeologist who completed the assessment and will be copied to you.

This letter does not constitute approval of the renewable energy project. Approvals of the project may be required under other statutes and regulations. It is your responsibility to obtain any necessary approvals or licences.

Please feel free to contact me if you have questions or require additional information.

Sincerely,



Andrew Hinshelwood
Archaeology Review Officer

cc. Scarlett Janusas
Archaeological and Heritage Consulting and Education
269 Cameron Lake Road
Tobermory, ON N0H 2R0

* * In no way will the Ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

Ministry of Tourism and Culture

Culture Programs Unit
Programs and Services Branch
Culture Division
435 S. James St., Suite 334
Thunder Bay, ON, P7E 6S7
Telephone: 807-475-1632
Facsimile: 807-475-1291

Ministère du Tourisme et de la Culture

Unité des programmes culturels
Direction des programmes et des services
Division de culture
435 rue James sud, Bureau 334
Thunder Bay, ON, P7E 6S7
Téléphone: 807-475-1632
Télécopieur: 807-4751291



Email: andrew.hinshelwood@Ontario .ca

October 24, 2011

Scarlett Janusas
Archaeological and Heritage Consulting and Education
269 Cameron Lake Road
Tobermory, ON N0H 2R0

RE: Review of Archaeological Assessment Report Entitled, *REVISED: Stage 3 Archaeological Assessment, Sandringham Solar Facility, BcGr-13, Part Lot 13, Concession 6, Eldon Township, Former Victoria County, City of Kawartha Lakes* Dated August 22, 2011, received by MTC Toronto Office August 24, 2011

MTC Project Information Form Numbers P027-113-2010 & P027-135-2011

MTC RIMS Number HD00526

Dear Scarlett,

This office has reviewed the above-mentioned report, which has been submitted to this Ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18. This review is to ensure that the licensed professional consultant archaeologist has met the terms and conditions of their archaeological licence, that archaeological sites have been identified and documented according to the 2011 Standards and Guidelines for Consulting Archaeologists set by the Ministry, and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario.*

This review was focussed on the revisions made to the report as requested in a previous review letter, dated August 4, 2011. This review has determined that all revisions have been made to the satisfaction of the Ministry.

As a result of the Stage 3 assessment undertaken at archaeological site BcGr-13, no further archaeological assessment is required.

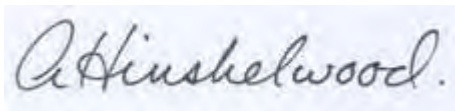
Given the above, this Ministry concurs with the recommendations of the report that no further archaeological assessment will be required for the subject property, as shown in Figures 3 and 4 of the above noted report.

The report will be accepted into the Ontario Provincial Register of Archaeological Reports.

This letter does not constitute the Ministry's written comments for the purposes of O. Reg 359/09.

Please feel free to contact me with any concerns or questions regarding this letter.

Yours,

A handwritten signature in blue ink that reads "A Hinshelwood." The signature is written in a cursive, flowing style.

Andrew Hinshelwood
Archaeology Review Officer

cc. Archaeological Licensing Office
 Proponent

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