

# ABORIGINAL CONSULTATION REPORT Twp. of St. Clair – Sombra Solar Farm

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Update 1: July 19, 2010

Update 2: October 29, 2010

Update 3: May 20, 2011



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## **Project**

Class 3 solar farm as defined by Section 4 of O. Reg. 359/09.

## Proponent

First Solar Development (Canada), Inc. (hereinafter referred to as "First Solar").

## **About The Proponent**

The proponent, First Solar, develops and constructs solar farms and is a solar module manufacturer producing low cost thin film photovoltaic modules. First Solar manufactures and uses low profile (less than 2m high), stationary thin film photovoltaic arrays which minimize wind loading and visual impacts. First Solar's modules consume no fuel and create no atmospheric emissions, ground vibrations or water pollution in the generation of electricity. The proponent has proposed and established a number of solar farms in North America, Europe and Asia, including projects developed by First Solar and its affiliates, and by project partners that use First Solar-manufactured modules in their projects. Projects include a planned solar farm in San Luis Obispo County, California which will generate 550 MW of electricity when complete. In Ontario, First Solar has completed constructing an 80 MW solar farm in the City of Sarnia which is now the largest photovoltaic solar facility in the world.

## **Project Description**

A solar farm is proposed which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. The proposed solar farm will be capable of producing 20 MW of electricity and will be developed within the boundaries of the subject site. The solar farm is designated as a "class 3" solar facility as defined by Section 4 of O. Reg. 359/09 regarding Renewable Energy Approvals. A class 3 solar facility is a renewable energy facility with a name plate power capacity greater than 10kW situated at any location other than being mounted on the roof or wall of a building.

## **Aboriginal Consultation List**

On October 30, 2009, First Solar provided the Director with a description of the project and requested a list of aboriginal communities who:

- i) have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project; or
- ii) otherwise may be interested in any negative environmental effects of the project.

Pursuant to Section 14 of the Regulation, the Ministry provided the Aboriginal Consultation List

which included Aamjiwnaang First Nation (formerly Chippewas of Sarnia) and Bkejwanong Territory (formerly Walpole Island First Nation) on January 25, 2010 (exhibit 1).

On May 11, 2011 the Ministry of Environment provided First Solar with a letter which advised that aboriginal consultation list provided on January 25, 2010 did not include the most proximate 1701 Treaty / Albany Deed Community (exhibit 1). As such, the Ministry of Environment requested that First Solar also consult with the Oneida Nation of the Thames.

## Distribution of Required Notices

Prior to receiving the Aboriginal Consultation List from the Ministry under Sec. 14 of the Regulation, First Solar took initiative to issue the Notice of the Proposal to engage in a renewable energy project and Notice of Public Meeting to each Aboriginal Community on the aboriginal consultation list under Sec. 14 of the Regulation in accordance with Sec. 15 of the Regulation. In addition, notice of the public meeting and notice of the proposal to engage in a renewable energy project were published in the Sarnia Observer newspaper on Saturday December 12, 2009 and again on Monday December 14<sup>th</sup>, 2009 (exhibit 2). The aforementioned notices were distributed greater than 30 days before the first public meeting.

On March 22, 2010, a subsequent letter was mailed to each aboriginal community on the aboriginal consultation list under Sec. 14 of the Regulation with Notice of the Final Public Meeting (exhibit 2). Pursuant to the Sec. 15 (6) (1) of the Regulation, the notice of public meeting was also published in the Sarnia Observer newspaper on Thursday March 18th, 2010 and again on Friday March 19th, 2010. The notice was also posted on the First Solar website as required by the Regulation. The aforementioned notice of public meeting was distributed greater than 30 days before the final public meeting.

# Distribution of Project Description Report and Summary of Draft Reports

Prior to receiving the Aboriginal Consultation List under Sec. 14, First Solar provided a hard copy of the Project Description Report to Aamjiwnaang First Nation and Bkejwanong Territory on December 14<sup>th</sup>, 2009. Hard copies of the Project Description Report were made available to the public at the January 14, 2010 public meeting and posted to the First Solar project website. In accordance with Sec. 17(1), the Project Description Report summarized the draft documents required under Part IV of the Regulation.

# Written Request Regarding Constitutionally Protected Aboriginal or Treaty Rights

Pursuant to Sec. 17 (1)(2) of the Regulation, before drafts of documents were distributed to the public under Sec. 16 (5), First Solar did not have reason to believe that the project would impact constitutionally protected aboriginal or treaty rights because: (a) the project is proposed to be

located on private lands which have been farmed for over a century; and (b) in First Solar's view, the project will be a more benign use of the lands than the current use (i.e., there will be negligible, if any, impact). However, in accordance with Sec. 17 (1) (4) of the Regulation, each Aboriginal Community on the aboriginal consultation list under Sec. 14 of the Regulation was asked on December 14, 2009 to provide, in writing, input on the project with respect to constitutionally protected rights and any related mitigation measures (exhibit 3). There was no response received to this request.

No members or representatives of any of the Aboriginal Communities on the list obtained from the Director were present at the first public meeting held on January 14, 2010. First Solar then sent out a subsequent letter to the Aboriginal Communities on the aboriginal consultation list under Sec. 14 of the Regulation on February 26<sup>th</sup>, 2010 seeking input on the project with respect to constitutionally protected aboriginal rights and any related mitigation measures. On March 12, 2010 Dean Jacobs, Bkejwanong Territory, responded to this February 26, 2010 letter with a request for a meeting with First Solar to discuss compliance with the Walpole Island First Nation Consultation and Accommodation Protocol. He attached a copy of this protocol to his response. Aamjiwnaang First Nation did not provide any response to First Solar's February 26, 2010 letter.

As outlined in the Status of Aboriginal Consultation section of this report, consultation with aboriginal communities is ongoing regarding any constitutionally protected aboriginal or treaty rights that the community has identified as being adversely impacted by the renewable energy project; and, measures for mitigating any adverse impacts, including any measures identified by the community.

## Drafts of Reports and Studies made Available

In accordance with Sec. 16 (1)(5) of the Regulation, drafts of the reports and studies were made available on December 14, 2009 when First Solar provided each aboriginal community on the Aboriginal Consultation List with the project website address which had soft copies of project reports available to download. Neither Aamjiwnaang First Nation nor Bkejwanong Territory appear to have made hard copies of the draft reports available in each community 60 days before the final public meeting pursuant to Sec. 15 (1)(5) of the Regulation. First Solar then sent a second letter to both Communities on February 26<sup>th</sup>, 2010 with a soft copy of draft reports and studies to engage the communities in the consultation process. In addition, a private individual meeting with each aboriginal community was offered by First Solar (exhibit 4).

Hard copies of the draft reports were provided to the communities at First Solar's initiative, in order to provide them with a complete set of project documentation for their review. For Aamjiwnaang, the documents were provided during the first meeting in person held on April 29, 2010. For Bkejwanong Territory, a full set of project reports and drawings was sent to Dean Jacobs via courier on May 19, 2010. Bkejwanong Territory has asked that future hard copies of materials be provided directly to Dean Jacobs, Consultation Manager, and Lee White, Economic Development.

On May 17, 2011 First Solar met with representatives of the Haudenosaunee Confederacy, including Chief Al Day of Oneida Nation of the Thames. As requested by Chief Day, consultation with Oneida Nation of the Thames will be undertaken through the Haudenosaunee Confederacy.

At the meeting, First Solar presented an overview of the Sombra Solar Farm project (along with several other projects under development including Moore, Belmont, and Amherstburg). An additional summary report was presented, outlining the history and status of archaeological investigation and findings at the various project locations. Since project documents have already been downloaded (from First Solar's website at <a href="http://canada.firstsolar.com">http://canada.firstsolar.com</a>), First Solar did not provide additional hard copies of the project reports.

## Consultants

First Solar engaged McLeod Wood Associates Inc., who are independent aboriginal relations consultants, to provide advice and recommendations for consultation with First Nations and Métis communities identified by the Ontario Ministry of the Environment and through independent research and assessment. First Solar also engaged the Lakeshore Group, who are land use planning consultants, to assist in the Renewable Energy Approval ("REA") process.

## **Status of Aboriginal Consultations**

This report sets out the status of First Solar's Aboriginal Consultation process as of May 2011. First Solar will issue updated reports during the course of ongoing consultation. First Solar recognizes that First Nations and Métis communities in Ontario have rights that are constitutionally protected, and that renewable energy developments may impact these rights. Through consultation with First Nations and Métis community leaders, staff, and community members, First Solar is working to determine whether its Sombra Solar Farm and other proposed projects would have any expected or potential impacts on these rights and whether there are strategies to mitigate any impacts.

While the "duty to consult and accommodate" rests with the Crown, certain procedural aspects may be delegated to proponents. First Solar understands that through the Renewable Energy Approval process, the Crown has delegated certain aspects of the consultation process. These include consultation with potentially impacted aboriginal communities and the identification of any expected or potential impact on constitutionally-protected treaty or aboriginal rights. First Solar is engaging with communities in order to understand any assertions of impact on these rights.

First Solar works to investigate any existing or asserted claims or rights by First Nations or Métis communities at any of First Solar's proposed project sites using the formal consultation contact list provided by the Ontario Ministry of the Environment, as well as through meetings and discussions with First Nations and Métis communities. First Solar is prepared to assess any assertions of impacts and to work with aboriginal communities to identify strategies to mitigate or avoid potential impacts.

Resource constraints for First Nations and Métis communities require additional efforts on behalf of First Solar to ensure that communities are able to provide input that can be integrated into project planning. Consequently, consultation with these communities will remain an ongoing effort throughout the project development process, not just during the environmental approval process. As well, in order to more fully consult with the potentially impacted

communities, First Solar has adopted a proactive consultation approach. This approach includes active attempts to meet with First Nations or Métis communities to discuss the proposed project. Also included are attempts to contact the relevant community leaders or staff by email, letter, or phone, and an effort to meet in person a representative from each community.

First Solar has met with representatives from Aamjiwnaang First Nation and Bkejwanong Territory. A meeting with Sharilyn Johnston, Environment Officer and Wilson Plain, Health and Environment Committee member, was held at the Aamjiwnaang First Nation Health and Environment Office on April 29, 2010. A meeting with representatives of Bkejwanong Territory, Dean Jacobs, Consultation Manager, Jared MacBeth, Project Review Coordinator, and Lee White, Director of Economic Development was held on June 8, 2010, at the Walpole Island Heritage Centre.

Both communities have expressed an interest in economic opportunities associated with the project. The communities have also expressed an interest in the archaeological work that has been undertaken, and the discovery of any artifacts of aboriginal origin.

Regarding potential for employment and contracting opportunities during construction and operation of the project, First Solar is working with communities to identify the skills and capacities required during the construction and operation phases of the project, and will work with its contractors to encourage Aboriginal employment, and/or contracting with Aboriginal businesses. To that end, First Solar has prepared an aboriginal policy that gives preference to qualified subcontractors that are majority-owned by local First nations and other aboriginal peoples ("Aboriginal Subcontractors"), and also gives preference to qualified subcontractors who in turn give preference to Aboriginal Subcontractors. First Solar's aboriginal policy also promotes the contribution of time and money to foundations and charitable organizations that support and enhance the cultural, educational and business opportunities for local First Nations and other aboriginal peoples. First Solar is in the process of contacting appropriate individuals at each community in order to provide potential contractors with the opportunity to bid on upcoming work, as well as to establish a process for facilitating employment of community members with other, non-First Nations, contractors who may work on the site.

With respect to archaeological work, First Solar arranged a meeting between Bkejwanong Territory and the archaeological consultant to discuss the findings and work undertaken at the Sombra Solar Farm project site on August 30, 2010. A meeting to discuss additional consultation items and to present a draft of the consultation workplan was also completed on August 30, 2010 at Bkejwanong.

The budget and workplan proposed by Bkejwanong have been accepted and First Solar is working with Bkejwanong to complete the items indicated in the workplan.

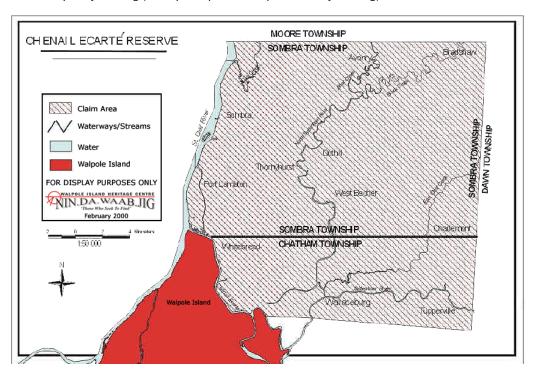
**Aamjiwnaang First Nation:** To date, no specific issues have been raised by Aamjiwnaang First Nation that indicate any expected or potential impact on an identified or asserted aboriginal or treaty right. First Solar and its consultants do not anticipate any expected or potential impact on any aboriginal or treaty right at this time. First Solar will continue to consult regarding any potential impacts which may be identified in future.

In addition to the First Nation, First Solar has met with representatives from the Chippewas Industrial Developments Ltd. ("CIDL"), a Band-owned company, to talk about opportunities to

contract with First Solar. CIDL appears to be supportive of renewable energy projects.

**Bkejwanong (Walpole Island) First Nation:** Bkejwanong Territory expressed interest in First Solar's use of 'buffer' lands that will not be utilized for project infrastructure, including the potential to develop habitat for species of interest to Bkejwanong or native species in this area. First Solar is committed to working with the community to identify the best use for these lands, and will work with Bkejwanong to determine if there are opportunities to improve or increase the habitat in the project area.

With respect to Bkejwanong, through independent research and dialogue between David Miller of McLeod Wood Associates and Dean Jacobs of Bkejwanong Territory, a specific claim (Chenail Ecarté) by Bkejwanong to the Sombra Project site has been identified. The specific claim is for a much broader area, encompassing all of Sombra Township and surrounding area (see map below). In essence, the Chenail Ecarté claim is based on the assertion by Bkejwanong that the Reserve lands to be set aside by the Treaty of 1796 (between Bkejwanong's forefathers and the British Crown) encompassed an area much larger than Bkejwanong's current Reserve lands and that these additional lands were given away or sold by the Crown without any surrender or release by Bkejwanong (or any compensation paid to Bkejwanong).



We were advised by Bkejwanong that the federal Department of Justice's legal opinion recommended rejection of this claim but that (at Bkejwanong's request) this recommendation was being reconsidered over the course of this summer. On June 14, 2010, First Solar's consultant (McLeod Wood) was informed by Bkejwanong that it intends to file additional future claims naming individual landowners in the Claim area should the Commission find that the Claim is invalid. First Solar believes that the Chenail Ecarté Claim can only be resolved on a 'government-to-government' basis. This has been recognized by Canadian Courts, which have held in that the only remedy for circumstances where the Crown has unlawfully sold First Nation lands to private landowners is the payment of damages (i.e., compensation) by the Crown.

Where good faith private purchasers have bought land, any successful claim by a First Nation cannot operate to revert the land to the First Nation (*Chippewas of Sarnia Band v. Canada (Attorney General) et al.* (2000), 51 O.R. (3d) 641, leave to SCC denied). Because the Sombra Solar Farm is located entirely on private land, should the Chenail Ecarté claim be proven, the sole remedy lies against the Crown and not any private landowner in the specific claim area. Further, because the Sombra Solar Farm will not have any impacts beyond the private lands on which the project is situated, the project will not impact the Chenail Ecarté claim.

In addition to the Chenail Ecarté specific claim, Bkejwanong has 20 other claims registered with Indian and Northern Affairs Canada in its specific claims registry. First Solar has reviewed all of these claims, and the project lands only fall within the Chenail Ecarté claim.

Bkejwanong has also filed a comprehensive land claim to the Three Fires Confederacy Unceded Traditional Lands, claiming that Bkejwanong has aboriginal title to certain lands in southwestern Ontario, but this claim excludes "any land which is owned by private parties in fee simple." As part of this claim, Bkejwanong also claims that it has certain unextinguished aboriginal rights within the Three Fires Confederacy Traditional Lands (which encompasses virtually all of southwestern Ontario, including the project lands) (see Ontario Superior Court of Justice File No. 00-CV-189329). These rights include the right to hunt, fish, trap, gather or collect animals, plants, minerals and oil, and the right to have access to, preserve and conserve sacred sites for traditional, social and ceremonial purposes. An examination of the Court file indicates that the claim in Court has not advanced since 2005. As noted above, First Solar's proposed use of the lands will have no incremental impact on this claim or asserted rights, and indeed, First Solar's view is that the proposed use of the land for a solar farm is a more benign use than the past 100 years of agricultural use. As noted by the Federal Court of Canada (Brokenhead Ojibway Nation v. Canada (Attorney Genera), [2009] 3 C.N.L.R. 36), proposed projects on previously exploited land under private ownership, with minimal impact on the surrounding environment will have a negligible (if any) impact on any unresolved aboriginal claim.

**Oneida Nation of the Thames:** As requested by Chief Day, consultation with Oneida Nation of the Thames will be undertaken through the Haudenosaunee Confederacy.

**Future Consultation:** In the ongoing consultation process, First Solar is planning to meet with the representatives of Haudenosaunee Confederacy, Aamjiwnaang First Nation and Bkejwanong Territory. It is anticipated that meetings will be held primarily with staff, although community meetings or a community open house regarding the project may also be required. Both Aamjiwnaang and Bkejwanong have expressed some interest in an open house in the community, although no dates have yet been set.

Further discussions with the communities are also planned to discuss the capacity of community members with respect to the anticipated construction and operational labour requirements. On March 31, 2011, First Solar provided an "employment contact sheet" to the Aamjiwnaang, Bkejwanong, and Oneida communities. The documents are intended to provide input to a database of individuals and businesses which are interested in potential employment and contracting opportunities associated with the project. This information is, in turn, provided to project sub-contractors to help increase Aboriginal employment participation in the projects.

The following chart summarizes the communications First Solar has had with each First Nation and Métis communities including the information required to be distributed under Sec. 17 (1) of

## the Regulation.

Date	Contact By	Contact With	Purpose	Issue Raised	Follow Up
15-Dec-09	First Solar	Aamjiwnaang First Nation and Bkejwanong Territory	Distribution of notice of proposal to engage in the project, notice of public meeting, and copy of Project Description Report also provided.	Each Aboriginal Community was asked to provide, in writing, input on the project with respect to any potential adverse impacts the project may have on constitutionally protected rights and any related mitigation measures.	N/A
26-Feb-10	First Solar	Aamjiwnaang First Nation and Bkejwanong Territory	Request input on project with respect to any adverse impact the project may have on constitutionally protected aboriginal rights and any related mitigation measures. Copy of project reports and studies also distributed.	N/A	N/A
12-Mar-10	Dean Jacobs, Walpole Island First Nation	Peter Carrie	Called on behalf of Chief Gilbert regarding letter from First Solar, February 25 and 26.	Submitted Walpole Island Consultation and Accommodation protocol to First Solar.	Email was misfiled and was not read until late April.
12-Mar-10	David Miller, MWA	William Big Bull, consultant to Walpole Island First Nation	Requested an initial meeting to discuss projects.	N/A	N/A
22-Mar-10	First Solar	Aamjiwnaang First Nation and Bkejwanong Territory	Distribution of notice of public meeting.	N/A	N/A
24-Mar-10	David Miller, MWA	Carole Delion (CIDL), Sharilyn Johnston	Response to question about consultation	N/A	N/A
5-Apr-10	David Miller, MWA	Carole Delion (CIDL), Sharilyn Johnston	Response to question about domestic content	Interest by Aamjiwnaang businesses in opportunities	Invite to meeting to discuss opportunities
15-Apr-10	David Miller, MWA	Sharilyn Johnston,	Arrange initial meeting	Left message	N/A

Date	Contact By	Contact With	Purpose	Issue Raised	Follow Up
		Aamjiwnaang Health and Environment			
27-Apr-10	Sharilyn Johnstone, Aamjiwnaang	David Miller, MWA	Arrange initial meeting	N/A	Meeting set for April 29
27-Apr-10	David Miller, MWA	William Big Bull, consultant to Walpole Island First Nation	Requested an initial meeting to discuss projects.	N/A	N/A
28-Apr-10	David Miller, MWA	Carole Delion (CIDL)	Arrange meeting	N/A	Meeting set for April 29
29-Apr-10	David Miller, MWA, Peter Carrie, Ed Chilton	Carole Delion (CIDL), Tom Maness	Discussed contracting and employment related to solar projects	Several on-reserve businesses may produce products useful in project. Warehousing may also be available.	Peter to investigate opportunities for contracting with Procurement, also to consider warehousing facilities on reserve.
29-Apr-10	David Miller, MWA, Peter Carrie, Ed Chilton	Sharilyn Johnston and Wilson Plain, Aamjiwnaang Health and Environment	Initial meeting to deliver project documents, discuss proposed project	No specific issues, interest in follow-up meetings.	Follow up meeting with the Health and Environment Committee to be scheduled. A potential community information meeting to also be held.
1-May-10	David Miller, MWA	William Big Bull, Dean Jacobs	Following up on misfiled email and attempt to set up meeting.	William indicated he was no longer working with Walpole Island and further contact should be with Dean Jacobs.	Meeting date to be determined.
6-May-10	Peter Carrie	London District Chiefs' Council; Chief Chris Plain	Presented an overview of typical project construction activity and related	N/A	N/A

Date	Contact By	Contact With	Purpose	Issue Raised	Follow Up
		of Aamjiwnaang First Nation	opportunities for F.N. participation		
8-June-10	Peter Carrie, David Miller	Dr Dean Jacobs, Lee White, Jared MacBeth	Discuss the proposed projects and any interest of Bkejwanong Territory.	Bkejwanong Territory expressed an interest in economic opportunities associated with the project. There was also an interest expressed in conservation and restoration of the environment and any habitat.  A meeting with the archaeologist who undertook the work was also requested.	Bkejwanong Territory to submit a consultation work plan and budget.  A list of companies and skill sets will be provided by Walpole Island to First Solar for potential work on the project.  A meeting between Dean Jacobs and the archaeologists is being scheduled by First Solar.
24-Jun-10	David Miller	Dr Dean Jacobs	Discuss the Chenail Ecarte Specific Claim.	Dr Jacobs explained the current status of the claim, and provided more details about the claim.	Dr Jacobs will send an email with more details. (Note. Received email, June 24)
29-Jul-10	David Miller	Jared MacBeth	Identify potential dates for archaeology meeting, discuss items on workplan.	Jared explained in more detail the items in the workplan, and how First Solar may respond to these items.	Jared to submit draft budget.
6-Aug-10	Peter Carrie	Sharilyn Johnston	Update letter on the current stage of the REA process	The letter indicated that consultation will continue throughout the REA process, and the First Solar is committed to working with the community to successfully complete the consultation process.	

Date	Contact By	Contact With	Purpose	Issue Raised	Follow Up
6-Aug-10	Peter Carrie	Dr Dean Jacobs	Update letter on the current stage of the REA process	The letter indicated that consultation will continue throughout the REA process, and the First Solar is committed to working with the community to successfully complete the consultation process.	
30-Aug-10	David Miller, Eric Hyatt (First Solar), Arthur Figura and Holly Martelle (Timmins- Martelle Heritage Consulting)	Dr. Dean Jacobs, Jared MacBeth	Meeting to present findings from archaeology reports.	Holly and Arthur presented the results of the archaeology work and answered questions from Dr Jacobs. Jared MacBeth asked for more details about potential employment and training opportunities.	David to provide more details about employment opportunities and investigate training opportunities for Walpole Island members. David to investigate opportunity for First Solar to participate in the Walpole Island Land Trust.
30-Aug-10	David Miller	Sharilyn Johnston	Discuss follow-up meeting regarding proposed projects	Sharilyn indicated that following the election a new Health and Environment committee will be formed and a meeting will have to wait.	David to contact Sharilyn after Oct. 11 to determine date for meeting.
20-Oct-10	David Miller	Jared MacBeth	Discussed contracting and employment related to solar projects and the proposed Consultation Budget.	David asked Jared for clarification on who to contact at Walpole Island to discuss contracting and employment.	Jared to provide contact for Pam Fulton and Ed Gilbert. David to obtain approval or comments on Draft Budget.
20-Oct-10	David Miller	Sharilyn Johnston	Called to arrange meeting with Health and Environment	Left message	

Date	Contact By	Contact With	Purpose	Issue Raised	Follow Up
			Committee		
28-Oct-10	David Miller	Jared MacBeth	Follow up discussion on Budget.	David indicated that the budget was approved, and requested details on the proposed invoicing.	Jared to determine the invoicing schedule.
28-Oct-10	David Miller	Ed Gilbert	Discussed contracting and employment related to solar projects	Ed requested that materials related to contracting be submitted directly to him, and he will pass on to contractors within the community.	David to provide Ed's contact information to First Solar (completed).
28-Oct-10	David Miller	Sharilyn Johnston	Discussed meeting with new Health and Environment Committee	A new Health and Environment Committee was established following recent Band elections, First Solar will make a presentation at the next meeting.	First Solar to present at meeting on Nov. 16, 2010.
28-Oct-10	David Miller, MWA	Carole Delion, Chippewas Industrial Developments (CIDL)	Discuss employment and contracting for projects	Discussed employment opportunities, contracting opportunities,	David to provide job descriptions and information about contracting. David to investigate a "minimum Aborginal content" requirement with First Solar.
16-Nov-10	Peter Carrie, David Miller	Aamjiwnaang Health and Environment Committee	Discuss proposed project	The committee raised concerns about the potential impact on soil quality under and around the panels.  Also raised concerns about creation of "hot spot" and impact on local radiation or UV impacts.	First Solar will provide more information and details regarding soil quality and impacts. David will work with Sharilyn Johnston to share more details on work and

Date	Contact By	Contact With	Purpose	Issue Raised	Follow Up
					employment. First Solar will investigate opportunities to plant sage on sites. First Solar will host a tour of the Sarnia solar farm for committee members.
25-Jan-11	David Miller	Jared MacBeth	New project information	Provided Jared, as requested, with news releases about the sale of First Solar's Ontario projects to long term owners	None
15-Feb-11	David Miller	Jared MacBeth, WIFN	Request details	Requested additional details from Jared after site tour.	Jared to provide information on Native Plant Nursery Project, possible contractors from WIFN
17-Mar-11	David Miller	Jared MacBeth, WIFN	Contracting opportunities	Called Jared to discuss the potential for Walpole contractors to work on projects (planting and hibernacula)	N/A
31-Mar-11	Cynthia Williams, Doy Nahdee, Jared MacBeth, Walpole Island First Nation	David Miller	Employment Opportunities	Provided Walpole Island with a form and information on collecting names of potential individuals to work on First Solar projects	Walpole Island First Nation to provide list of potential employees
31-Mar-11	Carole Delion, Sharilyn Johnston, Aamjiwnaang	David Miller	Employment Opportunities	Provided Aamjiwnaang with a form and information on collecting names of potential individuals to work on First Solar projects	Aamjiwnaang to provide list of potential employees

Date	Contact By	Contact With	Purpose	Issue Raised	Follow Up
13-Apr-11	Jared MacBeth	David Miller	Employment and Contracting	Discussed opportunities for assisting WIFN in participating in work.	David to determine if First Solar or contractors could hold on-reserve job fair. Follow up complete, April 15: On-reserve job fair not possible due to capacity and time constraints.
4-May-11	David Miller	Sharilyn Johnston, Aamjiwnaang Health and Environment	Discuss response to MOE request letter	David requested additional details on the status of the consultation process, and next steps.	Sharilyn indicated that Chief and Council will make a decision on the scope and focus of future consultation, if required
17-May-11	Peter Carrie & David Miller	Chief Al Day & Haudenosaunee	Provide information on Sombra, Moore, Belmont & Amherstburg solar farm projects.	No specific issues were raised. An approach to ongoing consultation will be proposed.	N/A

## Assertions of Rights or Interests by Other Parties

First Solar is in the process of consulting with a number of aboriginal groups as part of its REArelated consultations for several projects in addition to the project referenced in this document. Through the process of these discussions and through independent research, First Solar has become aware of assertions of project interest by other groups, as outlined below.

## 1. Nanfan Treaty of 1701



Several Ontario First Nations and related organizations are party to this treaty, including Six Nations, Haudenosaunee Confederacy, Oneida of the Thames First Nation. All three of these groups have made First Solar aware of the Treaty and potential rights that may derive from it. Solar has carried out research to determine the geographical scope and treaty rights set out in the Nanfan Treaty. The treaty description of the geographical coverage of Treaty area is not exactly precise, but does appear to cover most of south-western Ontario. The treaty also states that the Iroquois

Nations are to have free hunting, free of all disturbances and protected by the Crown of England. Ontario Courts have recognized the Nanfan Treaty (usually in the context of the treaty being asserted by aboriginal hunters as a defence to unlawful hunting charges under provincial law - see, for example, R. v. Barberstock (2003 Carswell Ont 6542) and R. v. Ireland, [1991] 2 CNLR 120). The R. v. Ireland case in particular recognized that neither the treaty right to hunt (in particular on private property) nor the Crown's ability to frustrate the treaty right (by granting Crown land to private parties) can be absolute. First Solar's response to this is three-fold: First, the sheer geographic scope (all of south-western Ontario) and reconciliation of the rights and interests in the Nanfan Treaty are so significant that they can only be dealt with by government. In other words, reconciliation and accommodation have to be the government's responsibility. Second, there is no incremental impact on the Nanfan Treaty rights of the Iroquois by the Sombra Solar farm (i.e., these are previously disturbed, private lands). Third, as noted earlier, First Solar has an aboriginal policy that provides preferential employment and other economic opportunities for aboriginal businesses in the course of developing First Solar's projects.

## 2. Métis Assertions of Interests

The Métis Nation of Ontario was not listed on the Director's Aboriginal Consultation List. However, First Solar has consulted with the Métis Nation of Ontario in respect of all of First Solar's Ontario projects. On July 5, 2010, several representatives from the Métis Nation of Ontario (and representatives from Métis Community Councils with an interest

in First Solar's projects (including the Windsor-Essex Métis Council)) were given a tour of First Solar's Sarnia Solar Farm (20 MW operational; 60 MW expansion currently ongoing). The purpose of the site visit was to provide the Métis representatives with information about the impacts of solar farms, and an opportunity to view first-hand an operating solar farm, as well as one under construction. The Sarnia Solar Farm, like the Sombra Solar Farm (and First Solar's other projects in Ontario), is located on former agricultural land. Based on feedback received from the Métis representatives, the only concern raised in the initial meeting focused on the use of chemicals to control weeds during the early years of the solar farm operation while the planted ground cover becomes established. The representatives were informed that an agronomist would be providing advice, and that industry best practices would be followed during the use of these chemicals. The Métis Nation of Ontario is currently preparing a response to the proposed solar farms based on the site visit and discussion. This letter will be appended to future consultation reports once it is received, and a copy will be sent to the Ministry of the Environment.

## Conclusions

It is recognized that the consultation process with First Nations communities is a work in progress and will be ongoing following the REA application. However, based on discussions and issues raised to date, First Solar believes that the project has negligible (if any) impact on constitutionally-protected aboriginal and treaty rights. There is certainly no incremental impact on such rights (as compared to current land uses). However, First Solar will continue to liaise and communicate with First Nations and the appropriate Crown authorities throughout the project development process. The intent of the process will continue to focus on identifying any concerns resulting from the proposed development, and if concerns are raised, on methods of mitigating or avoiding any impacts.

## **Exhibits**

1. Aboriginal Consultation List

## **Paul Barrette**

rom:

Guido, Sandra (ENE) [Sandra.Guido@ontario.ca]

Sent:

January-25-10 5:27 PM

To:

Paul Barrette

Cc:

Dumais, Doris (ENE); Mahmood, Mansoor (ENE)

Subject:

Rokeby Line and Baseline Road Solar Farms - Aboriginal Communities List

Follow Up Flag: Flag Status:

Follow up Completed

Hi Paul,

With respect to the Rokeby Line and Baseline Road Solar Farms, in accordance with section 14 of the Renewable Energy Approval Regulation (O.Reg. 359), on behalf of the Director, please find below the list of Aboriginal Communities that:

- i) have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project; or
- ii) otherwise may be interested in any negative environmental effects of the project.

## **Aboriginal Community**

**Common Name:** 

Reserve Name:

Contact Information:

**Aamjiwnaang First Nation** 

ormerly Chippewas of Sarnia

Sarnia 45

978 Tashmoo Ave

Sarnia, ON N7T 7H5

Phone (519)336-8410

Fax (519)336-0382

Bkejwanong Territory (Walpole Island First

Nation)

Walpole Island 46

RR 3

Wallaceburg, ON N8A 4K9

Phone (519) 627-1481

Fax (519) 627-0440

Best regards,

Sandra

Sandra Guido

Senior Program Support Coordinator

Renewable Energy Team

**Environmental Assessment and Approvals Branch** 

Ministry of the Environment

2 St. Clair Ave West, Floor 12A, Toronto ON M4V 1L5

Tel: 416.314.6802 Fax: 416.314.8452

andra.guido@ontario.ca

## 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



May 11, 2011

Mr. Peter Carrie, Vice President First Solar Development (Canada) Ltd., 5115 Blackwell Sideroad Sarnia. ON N7T 7H3

Dear Mr. Carrie:

The Ministry of the Environment (MOE) is currently reviewing and screening First Solar's St. Clair Moore and Sombra Renewable Energy Approval (REA) applications for two Class 3 solar facilities in the Township of St. Clair. MOE expects to receive from you further REA applications this year including the Amherstburg Class 3 solar facility.

Through the REA process, First Solar requested a section 14 list of Aboriginal communities as required by Ontario Regulation 359/09 (O. Reg 359/09). MOE provided such a list for each of First Solar's proposed projects early in 2010.

It has recently come to the MOE's attention that the lists for three of First Solar's projects did not include the most proximate 1701 Treaty / Albany Deed community. The St. Clair Moore, St. Clair Sombra and Amherstburg projects are located within lands covered by the 1701 Treaty and the most proximate 1701 Treaty community is the Oneida Nation of the Thames (the Oneida).

Given that the Oneida have or may have constitutionally protected Aboriginal or treaty rights that may be adversely impacted by these three projects or otherwise may be interested in any negative environmental effects of these projects, the MOE is requiring First Solar to undertake consultation with the Oneida. The contact information for the Oneida is provided below:

Oneida Nation of the Thames Oneida 41 RR 2, SOUTHWOLD, ON Postal code N0L 2G0 Phone (519) 652-3244 Fax (519) 652-9287 In order to meaningfully consult with the Oneida, please provide all notices and appropriate project documentation for the St. Clair Moore, St. Clair Sombra and Amherstburg projects to the Oneida for review. After undertaking this consultation, please provide the MOE with a summary of the consultation that took place. We also recommend that First Solar continue to consult with all First Nation that MOE has identified on an ongoing basis.

Please note that both the St. Clair Moore and St. Clair Sombra REA applications are currently before the MOE. These REA applications will continue to be reviewed as this additional consultation is being undertaken.

The MOE recognizes your sincere efforts to consult with Aboriginal communities to date and appreciates your patience moving forward. Should you wish to have support from the Province with this consultation, such as establishing contact with the Oneida and/or having the Province be available at an engagement session, staff from the appropriate Ministry will be happy to provide that support.

Should you have any questions regarding the above, please feel free to contact Mansoor Mahmood, Manager, Renewable Energy Approvals, at 416-314-8573 or Mansoor.Mahmood@ontario.ca.

Yours sincerely,

**Doris Dumais** 

Director - Approvals Program

**Environmental Assessment and Approvals Branch** 

c. Paul Barrette, The Lakeshore Group
Pearl Ing, MEI
Kaili Sermat-Harding, MEI
Mary Hennessy, MOE
Heather Levecque, MAA

# 2. Notice of Public Meeting

## **NOTICE OF A PROPOSAL**

## By First Solar Development (Canada), Inc. to Engage in a Renewable Energy Project

Project Name: St. Clair - Sombra Solar Farm

Project Location: Township of St. Clair: south of Bentpath Line and east of Baseline Road

Dated at the City of Toronto this 2<sup>nd</sup> day of December, 2009

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The distribution of this notice of a proposal to engage in this renewable energy project and the project itself are subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

## **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is considered to be a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 20 MW. The project location is described in the map below.

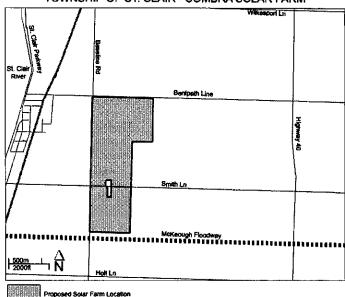
This project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled Twp. of St. Clair - Sombra Solar Farm Project Description Report describes the facility as a photovoltaic solar farm which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report is being made available for public inspection at http://Canada.FirstSolar.com.

## **Project Contacts and Information:**

To learn more about the project proposal or to communicate concerns please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad, Sarnia ON N7T 7H3
Email: ontario@firstsolar.com
Telephone: 519-344-2187

PROPOSED SOLAR FARM SITE TOWNSHIP OF ST. CLAIR - SOMBRA SOLAR FARM



## NOTICE OF PUBLIC MEETING

# To be held by First Solar Development (Canada), Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: St. Clair - Sombra Solar Farm

Project Location: Township of St. Clair: south of Bentpath Line and east of Baseline Road

Dated at the City of Toronto this 2<sup>nd</sup> day of December, 2009

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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 Location:

DATE: January 14, 2010 TIME: 4:00 p.m. – 8:00 p.m.

PLACE: Royal Canadian Legion Leslie Sutherland Branch 447, Albert St. and Beckwith St., Township of

St.Clair

## **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 20 MW. The project location is described in the map below.

## **Documents for Public Inspection:**

The Draft Project Description Report titled Twp. of St. Clair - Sombra Solar Farm Project Description Report describes the project as a photovoltaic solar farm which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report was made available for public inspection on December 2, 2009 at http://Canada.FirstSolar.com.

PROPOSED SOLAR FARM SITE

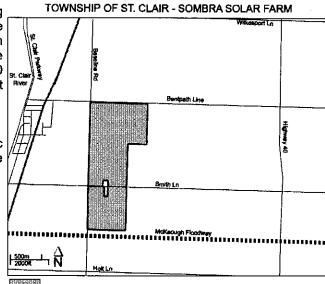
Further, the applicant will prepare supporting documents in order to comply with the requirements of the Act and Regulation. Written copies of the draft supporting documents will be made available for public inspection at least 60 days before the final public meeting at http://Canada.FirstSolar.com.

## **Project Contacts and Information:**

To learn more about the project proposal, public meetings, or to communicate concerns please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad, Sarnia ON N7T 7H3
Email: ontario@firstsolar.com

Telephone: 519-344-2187



## **NOTICE OF PUBLIC MEETING**

## To be held by First Solar Development (Canada), Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: St. Clair - Sombra Solar Farm

Project Location: Township of St. Clair: south of Bentpath Line and east of Baseline Road

Dated at the City of Toronto this 25th day of February, 2010

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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 Location:**

DATE: April 22, 2010

TIME: 5:00 p.m. - 8:00 p.m.

PLACE: Mooretown Sports Complex - 1166 Emily St., Mooretown ON NON 1M0

## **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 3 Solar Facility. If approved, this facility will have a total maximum name plate capacity of 20 MW. The project location is shown on the map below.

## **Documents for Public Inspection:**

The Draft Project Description Report titled "Twp. of St. Clair - Sombra Solar Farm Project Description Report" describes the project as a photovoltaic solar farm which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report has been available for public inspection since December 2, 2009 at http://Canada.FirstSolar.com.

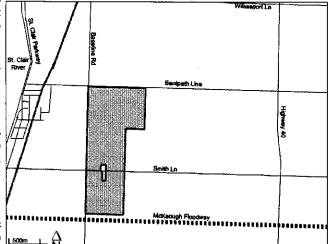
Further, the applicant has obtained or prepared, as the case may be, the following supporting documents in order to comply with the requirements of the Act and Regulation: Project Description Report, Noise Impact Assessment; Environmental Impact Study; Access & Traffic Operation Effect Assessment; Archaeology Reports; Protected Property Report & Heritage Assessment; Construction Plan Report; Reflection Study; Design & Operations Report; and, Decommissioning Report.

Written copies of the draft supporting documents have been made available for public inspection at the Lambton County Library — Corunna & Sombra branches and are available on http://Canada.FirstSolar.com.

## **Project Contacts and Information:**

To learn more about the project proposal, public meetings, or to communicate concerns please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad, Sarnia ON N7T 7H3
Email: ontario@firstsolar.com
Telephone: 519-344-2187



PROPOSED SOLAR FARM SITE

TOWNSHIP OF ST. CLAIR - SOMBRA SOLAR FARM

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# **III YOUR BUSINESS**

# mgs ner **World traveller bri**

Tayle Armstrong's 35-year passers as an executive assistant tas taken her as far ewey as Ethiopia and Hong Kong, Such a colouring and thailenging career - Including 10 years in the Foreign Service - has been great preparation to starting her own business, she says. Including Armstrong says her professional background has given her insight into the corporate needs of the future and provided her with valuable

YOUR BUSINESS

Cathy Dobson

Born and raised in Petrolla, the ready working life was spent in London with several larger businesses. By the time she was in her mid-20s, Armastrong's sense of adventment and a strong desire to trevel lead her to apply for work with the Department of

Foreign Affairs.
Within a year, the was offered a post in Hong Kong and jumped at the opportunity. There she worked as the administrative assistant to the political officer. assist the Cunadian ambassador.
Two years later, it was off to Jamaica where she did stallar work. When a job was posted for Elimopia. Amarong dudn't hesitate to apply and go.
Thens during the big hamne of the 90s, she said. The was during the big hamne of the 90s, she said. The week in the capital, Addis Adaba, and dduft really see any of it there in the response wanted to do their part to help out. Sometimes, she was recruited to

time amployees.
The fall was spent knocking on doors and selling her services.
Armstrong now has several cilents including a redrement home, a ped and breakfast and

Armstrong was promoted as the ambasssador's secretary and looked after the schedules of a

an Bithoplan orphan who was only a few weeks old at the time. Once the adoption was approved, she quite the Portegn Service and returned to Canada to raise fact daughtet. In her final year, she adopted number of dignitaries for three

insurance company requires that someone be at their cottage every 24-72 hours, he said. Arminia Solutions" offers administrative assistance of all types but she is particularly interested in promoting Virtual Assistant (IA), services. "Most people in Samia dou't noisy was what a Vis. so I'm introducing myself, she said." The a professional executive assistant who provides administrative assistance from my home. If it is employer doesn't even have to inject me.

provides snow removal, sprkig and fall clean-up, cottage win-terizing, lawn maintenance, gen-eral maintenance and repairs, general contracting, cottage cleaning and more.

heart Arminas Solutions, 182-2912 or visit www.

Cosmetids. arges \$30 an hour for

# NEW COUTAGE MATCH BUSINESS

WATCH BUSSEL.

With the snow flying and of Lambon County, I giness deal like Xlassen's new but he was the county. regularly checks cortages in the Lambton Shores and Grand Bend area to watch for break ins. weather or animal damage, and perty Care, a service that 

"Some of our clients live in the United States and it is impos-

She spent nearly 15 years working for Union Gas in Chatham, then at an engineering

Basic cortage watch service consists of a visit every two weeks although Klassen will tallor service to suit individual

"Our main Job is to meet our clients' needs and if that means more frequent visits or being an alarm contact, then that is what Some clients find that their

Shoreline Property Care also

To contact the Klassens, call 519-466-7569 or 1-877-456-3305

# THREE SARMIANS PASS CAECAN

firing Armstrong means not paying benefits and not having to provide a desk or computer. This is the way of the future, she said. This is the way a lot

of companies are going to go occause they can't afford full-

Laura Faulds, Natisha Paylor and Laura Timusk have passed this year's Canada-wide Uniform Fralustron (UFE), recognized as one of the world's most challenging professional entry Once they complete a 30-

month experience requirement, they will be full fledged char-tered accountants.

The UFE, is a national three-day evaluation. In total, Ornario had a record 1,382 successful UFE writers. Congratulations to Sarnia's CA's-to-be.

# DOWNTOWN CONDOS SELLING

John Gleesy of First Samla
Place conforminus, says he's
refug signs of economic recove ty based on the sales pace at his
refugant development.
Ins. The six week period, still namy
affines sold at the downtown high

"We saw an increase in the number of visitors to our sales

moved in now and only eight suites remain available. They same in price from \$279,000 to \$529,000.

The next two buyers will refill for a \$500 discount or have their confo fees and taxes where for the fers year. First Strain is blace is located at 201 Front Street North.

Coffit ogsow consistent of Armines Southers, offering administrative assistance of all types and specializing in which essistance in the least of the future, says Armstrong. No more paying for employee breaks, personal leave, vacation and side beauts, personal leave, vacation and side beauts, personal leave, vacation. And in my 37 years in real.

Commerce members, \$10 for the selection of th

# NOW SERVING TAL DIRWER

Selina lp, owner of the South Bast Cafe, on Bass (street lass finished some renovations at the resourant and introduced a dinner menu featuring Tal food. South Bast Cafe continues to be open for headstast and lunch.

• Oil Springs Parks and
Recreation; receiving \$36,880
to build a skateboard park in an unused portion of an existing

water Rotary Club; needving state of the sta Hope Alvinston Church;

receiving \$7,925 from the
Watford branch to purchase
cances, tents and safety equipment for their youth summer
canto.

Starting her own business came from a desire to be her own boss and establish her own clientelle, based on her belief that corporationals increastingly want fewer full-time workers and more casual or contract Armstrong s company, detailed work," she sald.

vides the service to give them the confidence that their cottage is safe."

The couple began exploring the potential of such a service after some people they knew had a mishap with too much stowe on their carport. It collapsed on a other carport at their summer a stored vehicle at their summer a

economy is improving.

"During the past year, even though people were afraid to buy, our local property values held fairly steady," said Inch.

is hosted by Landmark Village

# LIBRO AWARDS

Three support programs for youth in Sarnia-Lambion are receiving community builder grants from the Libro Financial Group this year.
They are:

COMMENTA READERS

prepare appetizers for the event, assisted by Lambton College culinary and tourism students.

After 5 runs from 5 p.m. - 7

# on Wednesday and co-spon-sored by Dr. Muran Parodia of the Sarnia Bye and Esthetics Clinic. Chef Michael Mansfield will

÷

By First Solar Development (Canada), Inc. to Engage in a Renewable Energy Project

NOTICE OF A PROPOSAL

Project Name; St. Clair - Sombra Soler Farm Project Location: Township of St. Clair south of Bengath Line and east of Baseline Road Dated at the City of Toronto this 2" day of December, 2009

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The distribution of this notice of a proposal to angage in this renewable energy project and the project itself are subject to the provisions of the Environmental Protection of Act (ACT) Part V.0.1 and Onlain Regulation 359U9 (Regulation). This indice must be 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.

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the Issuence of a renewable energy approval is required. The distribution of this notice of a proposal by the Environmental Protection of Act (ACT) Project and the project band has been eablect to the provision of the Environmental Protection of AC (ACT) Part V.O.1 and Ontain Degulation 359/09 (Regulation). This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Maristry of the Environment.

Project Description:

Project Description:

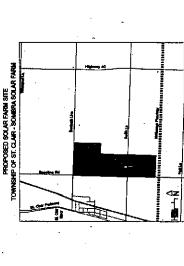
Project to the Aut and Regulation, the facility, in respect of which this project is to be engaged in, is considered to be a Clear's Schell Festing. If approved, this facility would have a total maximum name plate capacity of 20 MW. The project bosition is described in the map below.

Project Description:
Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is considered to be a Class 3 Solar Facility, if approved, this facility would have a lotal maximum name plate capacity of 20 MM. The project location is described in the map below.

This project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled Twp, of St. Clair - Sonthar Solar Farm Project Description Report describes the Solaty as a photomolias color lam winn's will called the energy from the sun using thin film photovorizar, modules and convent it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report is being made aveilable for public system. A written copy of the Draft Project Description Report is being made aveilable for public inspection at http://Canada.FirstSolar.com.

Project Contacts and Information: To learn more about the project proposal or to communicate concerns please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Siderued, Sarrie ON N7T 7H3 Email: ontario@firstsolar.com Telephone: 519-344-2187

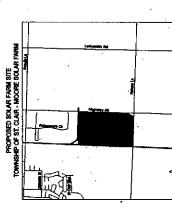


inspection at http://Canada.FirstSolar.com.

Project Contacts and information: To learn more about the project proposal or to communicate concerns please contact.

Project Description Report Weed Twyn, of St. Cleir - Moore Solar Farm Project Description Report Geschber the Rocking as photoworkals solar liam witch with collect the everyof from the sam using this film photoworker mickiels and convent it to electrical energy for destruican to the local electricity distribution system. A written copy of the Draft Project Description Report is being made evaluable for public This project is being proposed in accordance with the requirements of the Act and Regulation. The Draft

First Sclar Development (Canada), Inc. 5115 Blackwell Sideroed, Samia ON N7T 7H3 Emell: onterio@firstsoler.com Telephone: 519-344-2187



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By First Solar Development (Canada), Inc. to Engage in a Renewable Energy Project

NOTICE OF A PROPOSAL

Project Nama: St. Clair – Moore Soker Farm Project Location: Township of St. Clair. north of Rokeby Line and west of Highway 40 Dated at the City of Toropio this 2<sup>24</sup> day of December, 2009

seature to appres, each project sales than age the linch.

'Our recent sales are proof full people are ready to more forward with larger investments, because they resultse that the

Your Bustness is a weekly feature about what's happening it the local business community. If you have an idea for a story, contact Cathy Dobson at 519.

344-2112 ext. 2233 or calobson@misobson.

libro.ca for the application and grant guldelines.

**TELECOMMUNICATIONS:** Industry minister clears way for Globalive to operate in Canada

SHARON SHIGLETON

these are pain points and a lot of consumers feel like their being its WIND brand. The company is hoping to begin operating in time to get the first phones under Globalive provides voice, text and data services on a new geners after the government over hursed a ruling yesterday by the broadcast regulator and allowed Egypt-backed Globalive to enter the market. Canadians will get more QMI Agency.

industry Minister Tony
Clement said Globalbue, owned
by Orascom, meets Canadian
ownership regulations and can
begin operations mimediately.

The Canadian Radio-television
Cominission had earlier blocked
Globalbue's entrance, saying its
foreign shareholder meant it a
delit qualify.

Our goal has always been
greater competition in the telecommunications industry which
crieds to lower prices, better service and more choice for consumers and business, Clement
we

WIND won't be charging fees for system access or 911 calls. Apple's iPhone won't be avail-

Christmas trees this year.

able, but the company plans to offer other popular models such as RIM's Blackberry. The entrance of Globalive intensifies competition in the already cutthroat telecoms mar-

For consumers, the move may

mean lower prices.
According to a recent OECD
recording to a recent OECD
report, Canada has amongst the
highest charges in the world for
mobile phone sewfrices.
"We've had a lot of feedback
from consumers, and one of the

frustrations is the bolt-ons you see In Canada," Ken Campbell, chief executive of Wind Mobile said in an interview. "A lot of

The cabinet has made a decision that may have a major impact on some of Canada's

not to control voting shares or the board, means it is foreign

**TELECOMMUNICATIONS** 

Move sets dangerous precedent: Telus exec

STEFANIA MORETTI AND SHARON SINGLETON QMI Agency

The federal government's decision to allow Egyptian-backed Globalive to enter Canada's flercely competitive telecom

does not meet the requirements for Canadian control. We'll be raking a close look at the reasoning behind this decision, suid lacqueline Michelis, Bell spokesblock Globalive from the wire-less carrier business because of its foreign shareholder status. Globalive is largely owned by

person.
Michael Geist, Canada
research chair in Internet and e-Egypt's Orascom.
"What the cabinet has done is to have subordinated one of the most immortant tests

most important industries;" said Telus Vice-President of Regulatory and Government Affairs, Michael Hennessy. "This sets a precedent not just for tele-

coms, but potentially for broad-casters, affines and banks.

A Bell spokesman said the company will be taking a closer look at the reasoning behind this

ready for new competition.

"We believe competition is. good for Canadian consumers." Rogers, however, said it is

it said in a statement.
"We've always thrived in a competitive environment and we've ready to meet the competition head on."

The companies have been cul-bing costs and trimming staff to better compete.

The dominant players, Rogers Communications, Bell and Telus,

was seen as the most serious threat to the incumbents. Several smaller players are also set to enter the market next including DAVE wireless and Videotron, though Globaliv control more than 90% of the market and had been, seking to block the new sentran. They claimed that Canada with its population of 33.8 mil-lion couldn't sustain a fourth

Rogers recently cut 900 jobs, while Telus last week cut 125

Bell and Telus expressed the fact Orascom owns most of Globalive, even though it claims

The companies are also in a legal tussle over ad claims over which has the fastest and most

"This is good news for the consumer, said telecoms analyst Carmi Levy of AR

Authory Lizatives, chairman of Globalive and WMD Mobile, smiles with employees in Toronto yesterday associated as government decision to overturn a CRTC puling blocking the company from intering the Canadian collabore market. WMD Mobile can start operating mendutably.

Keep Jearning on your own Terms!
Lunking College had the Pertime training you are looking for
the College had the Solkeeping, Conquent Networking specialist. Food
the College had the Solkeeping, Conquent Networking specialist. Food
the College had been been been connected to the Connected Solke had been connected to the Connected Solke Connected to the Connected Solke Connected to the Connected Solke Connected

For the most current information

Courses start in January.

Communications 'It,will accel from new competitors, Levy 'We are nowhere near over each the value for money equal to the longer-term growth subscribed in Canada, Levy said brond. The form the near the competition of the part of the heart should referring to mobile phone per him the short term the domit. mean playing of opportunity to equation. There is no money near the domit mean playing of opportunity to growth for innovative players.

for the company of the control of th

Part-Time Studies link, -or contact us directly-

# NOTICE OF PUBLIC MEETING

To be held by First Solar Development (Canada), Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: St. Clair - Moore Solar Farm Project Location: Township of St. Clair north of Rokeby Line and west of Highway 40 Dated at the City of Toronto this 2<sup>nd</sup> day of December, 2009

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and "the project size of the Emiramental Projector Act (ACT) Part V.0.1 and Order Regulation Salvillo Regulation. This notice must be distributed in accordance with seaton 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment.

TIME: 4:00 p.m. - 8:00 p.m. Meeting Location: DATE: January 14, 2010

PLACE: Royal Canadian Legion Leslie Sutherland Branch 447, Albert St. and Beckwith St., Township of SI.Clair SI.Clair

Project Description:

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 20 MW. The project location is described in the map below.

Documents for Public Inspection:

The Draft Project Description Report tätled Twp. of St. Clair – Moree Solar Farm Project Description Report describes the project as a photovoltair solar lamin which with coloral time energy from this sun using thin film photovoltair concepts and convent if to electrical energy for distribution to the local electracity distribution system. A written copy of the Draft Project Description Report was made available for public distribution system. A written copy of the Draft Project Description Report was made available for public inspection on December 2, 2009 at http://Canada.FirstSolar.com

PROPOSED SOLAR FARM STE TOWNSHIP OF ST. CLAIR - MOONE SOLAR FARM requestions or expressions of the deal supporting documents will be made available for public inspection at least 60 days before the final public meeting at Further, the applicant will prepare supporting order to comply with the requirements of the Act and Regulation. Written http://Canada.FirstSolar.com. documents in

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To learn more about the project proposal, public meetings, or to communicate concerns please Project Contacts and Information: contact

First Solar Development (Canada), Inc. 5115 Blackwell Skieroad, Samia ON N7T 7H3 Emait: ontario@firstsolar.com Telephone: 519-344-2187

To be held by First Solar Development (Canada), Inc. regarding a Proposal to Engage in a Renewable Energy Project NOTICE OF PUBLIC MEETING

A Cair - Sombra Solar Farm

Med. Location: St. Clair - Sombra Solar Farm

Med. Location: Township of St. Clair. south of Bentpath Line and east of Basisfine Road

Med. The Sty of Toronto this 2" day of December, 2009

PLACE: Royal Canadian Legion Legion Sutherland Branch 447, Albert St. and Beckinth St., Township of

The Tright Majest Description Report theat Two, of St. Clark - Sombra Solar Farm Project Description Report theat Two, of St. Clark - Sombra Solar Farm Project Solar Parm Project Clark - Solar Parm Wild Will Collect the energy from the sun using this farm indictivation modules and connect it to electrical energy for distribution to the local electricity distribution to the local electricity distribution system. A written copy of the Draff Project Description Report was made available for public mentador Public Inspection:

Project Contacts and information: To learn more about the project propo

VANCO: 1

Fig. Safe Development (Canada), Inc. is planning to engage in a rerewable energy project in respect of the interest of the int

The project is to be engaged in, is a support of which this project is to be engaged in, is a support if the facility in respect of which this project is to be engaged in, is a support in the section of the section of the map below:

documents in order to compty with the requirements of the Act and Regulation. Written rigories of the darta benooning countrients will be risks aveilable for public insocials at least 60 cm. (8pt. bitche the final public inseeting at high Canada Frescher com. Further, the applicant will prepare supporting

celario@frstsolar.com (elephone: 519-344-2187

saying it would result in changes to Changle brandlar brandlaring the control of the changes in the Canadian wireless marketplace, he said. The government dufur (even wait for Globalive to appeal the public's demand for greater competition, Geist said.

Meding Location: DATE: January 14, 2010 TIME 4:00 gra.—8:00 p.m.

PROPOSED SOLAR FARM SITE inspection on December 2, 2009 at http://Canada.FirstSolar.com

TOWNSHIP OF ST, CLAIR - SOMBRA SOLAR FARM

To learn more about the project propose, public, metallight on to communicate concerns please configure. Est State (Applicament (Canada), Inc. Est Establish Sidenad, Santa (BENT) 7H3

# nationalnews

**III WEATHER:** Temperature of -46.1 C coldest in North America

# n deep chil

CLARA'HO QMI Agency

weather station there recording

temperatures of -48 C.

The extreme weather was enough to stall some planes at the Edmonton International "A couple flights had to be diverted to Calgary (Saturday EDMONTON - Edmonton was the coldest place in North America yesterday morning and, according to The Weather Channel, at one point the frosti-est in the world with the wind-

hirport, said spokeswoman Trac

Airport saw a record low of -46.1 C with the mercury dropping to -58.4 C with the windchill, out-The Edmonton Internationa

Behard said, adding there were a few cancellations and a few delays early resenting moming. By 8 a.m. when the temper-ature improved to -40 C, most planes were able to start operar-"The cold high pressure has been moving down from ummeting temperatures. "We e right now in the centre of the the Arctic over the prairies, said Environment Canada meteorologist John McIntyre adding British Columbia and askatchewan also experience freezing even the Arctic.

"We are still asking people to check our website, www.flyeia.

im, before heading out to the rport," Bednard said, adding ey can check up-to-date flight

Meanwhile, within city limits

e Edmonton Transit buse gienced mechapical issue

recorded in Edmonton remains unbeaten at -48.3 C with a wind-chill of -61 C on Jan. 26, 1972. But the coldest day even

from the cold and had to be

track between the McKernan-Belgravia and South Campus stations for several hours. But otherwise, bus and train schedules remained unchanged, she said. related problems with the track and had to run on a single replaced. Others were running on average 10 to 15 minute ate, said transit spokeswoms tures broke the previous record for Dec. 13, which was -36.1 C a low of -44.5 C set on Dec. 9, 1977, Cold Lake, Grande Prairie and Whitecourt also had record Yesterday's frigid temperain 2008, as well as the record for the coldest day in December

The LRT system had weather

Only Dzalinda, Siberia, appeared to be colder, with a



A frosty Charles Liebbrat 1955 shore as Edmonton entered a deep freeze Saturday morning. Temperatures d'Oppied to 46.1 C. Bit are expected to climb book up to the 1 C friend by the end of the freek.

# NOTICE OF A PROPOSAL

By First Solar Development (Canada), Inc. to Engage in a Renewable Energy Project

Project Name: St. Clair - Sombra Solar Farm Project Location: Township of St. Clair: south of Bencpath Line and east of Bassifire Road Dated at the CMy of Toronto this  $2^{nd}$  day of December, 2009

Clas Color Danalana

By First Solar Development (Canada), Inc. to Engage in a Renewable Energy Project NOTICE OF A PROPOSAL

Project Name: St. Clair – Moore Solar Farm Project Location: Township of St. Clair, north of Rokeby Line and west of Highway 40. Dated at the City of Toronio this 2" day of December, 2008.

Project Description:
Pursuant has Ad and Regulation, the facility, in respect of which this project is to be engaged in, is considered to the Ad and Regulation, I figoproved, this facility would have a lotal maximum name place aspectly of 20 MM. The project location is described in the map below.

This project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled Twp. of St. Clair - Sombra Sciar Farm Project Description Report describes the Resort Resort Farm With Institution of describes the Resort Resor

Project Contacts and Information: To learn more about the project proposal or to communicate concerns please contact:

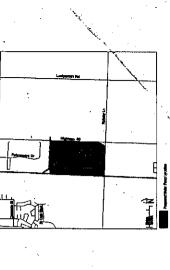
First Solar Development (Canada), Inc. 5115 Blackwell Sideroad, Samia ON N77 7H3 Email: ontario@firstsolar.com Telephone: 519-344-2187 PROPOSED 901.AR FARM SITE TOWNSHIP OF ST. CLAIR - SOMBRA SOLAR FARM **₩** 

Project Description:
Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is considered to be a Cleas 3 Solar Facility. If approved, this facility would have a botal maximum name plate expectly of 20 MW. The project location is described in the map below.

This project is being proposed in accordance with the nequinements of the Act and Regulation. The Draft Project Description Report of St. Clair - Morone Sche Farm Project Description Report describes the Schiffy as a photovoltaic soster from which will called the energy from the sun using thin film photovoltaic morbles and connect it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report is being made evaleble for public system. inspection at http://Canada.FirstSolar.com.

Project Centacts and Information: To learn more about the project proposal or to communicate concerns please contact:

First Solar Bevelopment (Canada), Inc. 5115 Blackwell Sidenced, Samia ON NTT 7H3 Email: ontario@firstscler.com Telephone: 519-344-2187 PROPOSED SOLAR FARM SITE TOWNSHIP OF ST. CLAR. - MOORE SOLAR FARM



to more 19-542-7665 E. Samia 519-542-7665 4*00A* SIMA

# 

M AFGHAN PRISONER ABUSE: Emergency committee meeting selections

# to resume orobe set etainee

ALTHIA RAJ. Partiamentary Bureau

be hauled back to work tomorrow for an emergency commit-OTTAWA — MPs probing the transfers of Alghan detainees will

Opposition MPs want to hear orn National Defence Minister Peter MacKay before Christmas. Liberal defence critic Ujjal Dosanjh said MPs need answers to key questions raised by Canada's top soldier, Gen. Walt Natynczyk, in a surprise news Natynczyk, the chief of the defence staff, confirmed Canadian forces had transferred at least one Afghan detainee who was later mistreated by Afghan That revelation goes against

Dosailly, said Catadians need so to know how transitived between 2000 and 2007 and what happened to when. 2006 military police report that had come to light Thursday. The report noted the Afghan national police had assaulted detainees the Conservative government's Insistence that no "credible evidence" exists that Canadian detainees were handed over to torture. Natynczyk read from a June

throw up a wall.
Liberals charged yesterday
that the government is blank?
ing out documents for political easons rather than national

They are not hiding to pro-

saking on CTV's Question of Laurie Hawn, MacKay's unentary sediciary, sald tect our soldiers, they are hiding to protect themselves, Dosanjh

need to

tely ridiculous, 'Hawn saidh' lewar said MacKay needs to lear up confusion created by 'ignorance is no defence. If he knew, why didn't he tell us?"

mittee to hear from former Canadian ambassador Gar war also wants the com-

Pardy is circulating a letter, signed by 125 retired diplomas, concerned by the unfair personal attacks' levied against fellow diplomat Richard Colvin. Colvin is the public servant who testified he started warning Ortawa in May 2006 that Afghan

finisher Peter MacKay before Christmas about the Alghan detaines scandal MacKay's tolks need to "get neal." We are talking about an event that happened three and shall have a bit of a reality check and put this into that new specifies. It's absolutely inflictious.

The bettle lines are drawn. This ley of the Mistay Police substrained are would not be decided. All of their sechemes. Commissive Commissive in the missaid Roch were thousan as

# Museum strikers hold march to boost morale

OTTAWA — Striking workers to from the Canadian Museum of fi Civilization and the Canadian War B Museum used their boots to build a

monale yesterday afternoon. About half the 420 men and women on strike since Sept. 21

took to the streets and marched from the War Museum, to the Bronson Centre for a rally and

rather than on contracts.

The final offer from the museum was rejected by the striking workers by a margin of 96%, but negotations restune today.

- Doug Hempstead, QMI Agency

Accused makes first court appearance

NOTICE OF PUBLIC MEETING They're fighting to have staff hired as full-time employees with benefits and pensions,

To be held by First Solar Development (Canada), inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Location: Township of St. Clair: south of Bentpath Line and east of Baseline Road Dated at the City of Toronto this  $2^{nd}$  day of December, 2009

Project Name: St. Clair - Sombra Solar Farm

First Solar Development (Canada), Inc. is planning to engage in a reviewable energy project in respect of which the lessance of a renewable energy approval is required. The proposal to engage in the project and the project and the project sort of the <u>European Formanianal Projects And (707)</u> per Vol. 1 and Comano Regulation 2009 (Regulation). This notice must be distributed in accordance with section 15 of the Regulation prior to an epplication being submitted and assessed for completeness by the Ministry of

Meeting Location: DATE: January 14, 2010 TIME: 4:00 p.m. – 8:00 p.m.

PLACE: Royal Canadian Legion Leslie Sutherland Branch 447, Albert St. and Beckwith St., Township of

Project Description:

Project Description:

Project Description:

Project in the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Cless 3 Solar Facility, it approved, this facility would have a total maximum name plate capecity of 20 MM. The project location is described in the map below.

The Draft Project Description Report littled Twp. of St. Clair - Sontva Solar Farm Project Description Report describes the project are a photovolities dotal farm which Mill owder the energy from the sun using thin film photovolities moddles and contract it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report was made evaluable for public. Documents for Public Inspection

copies of the draft supporting documents will be made available for public inspection at least 60 days before the final public meeting at Further, the applicant will prepare supporting documents in order to comply with the requirements of the Act and Regulation. Written http://Canada.FirstSolar.com.

Project Contacts and Information:

To learn more about the project proposal, public meetings, or to communicate concerns please contact: First Solar Development (Canada), Inc. 5115 Blackwell Sidenoad, Email: ontario@firstsolar.com elephone: 519-344-2187 Samia ON N7T 7H3

**7**¥

# husband of two years — faces be making an application for it. Second-degree murder charges "Mark himself is very dissafter his wife was found cheed or realty talk to him. He's running rather was no mention of a half on virtually no sleep," said Hale. he says it's too scon to say if he'll — Doug Hempstead, QMI Agency

OTTAWA — On the same day I dozens of Donna Ellen Jones Hurf's friends gathered to pay her ribute, the man accused of killing her made his first court Appearance yesterday morning. Mark Peter Hutt — Jones-Hutt's

To be held by First Solar Development (Canada), Inc. regarding a Proposal to Engage in a Renewable Energy Project NOTICE OF PUBLIC MEETING

Project Name: St. Clair - Moore Sokar Farm Project Location: Township of St. Clair: north of Roteby Line and west of Highway 40 Detect at the City of Toronto this 2" day of December, 2009

First Solar Development (Carada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a nenewable energy approval is required. The proposal to engage in the project and which the besulance of a nenewable energy approval is required. The project issuance of a nenewable provisions of the Environmental Protection Actif (FOT) Part Viol. 1 and Ontaino Regulation 358/08 (Regulation). This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of

Meeting Location:

PLACE: Royal Canadian Legion Lesie Sutherland Branch 447, Albert St. and Beckwith St., Township of DATE: January 14, 2010 TIME: 4:00 p.m. - 8:00 p.m.

Project Description: Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 3 Solar Facility. If approved, this facility would have a total modinum name plate capacity of 20

Documents for Public Inspection:
The Draft Project Descriptor, Report titled Twp. of St. Clair – Moore Solar Farm Project Description
Report describes the project as a photovoltaic solar farm which will collect the energy from the suin using
thin film photovoltable modelwes and convent it to electrical energy for distribution to the local electrical
distribution system. A written copy of the Draft Project Descriptor Report was made evaluate for public MW. The project location is described in the map below.

copies of the draft supporting documents will be made available for public inspection at least 60 days before the final public meeting at Further, the applicant will prepare supporting documents in order to comply with the requirements of the Act and Regulation. Written days before the final put http://Canada.FirstSolar.com.

PROPOSED SOLAR FARM SITE TOWNSHIP OF ST. CLARF - MOORE SOLAR FARM

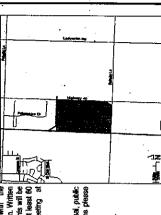
inspection on December 2, 2009 at http://Canada.FirstSolar.com

PROPOSED SOLAR FARM SITE TOWNISHER OF ST. CLAIR - SOMBRA SOLAR FARM

repection on December 2, 2009 at http://Canacle.FirstSolar.com

To learn more about the project proposal, public meetings, or to communicate concerns please Project Contacts and Information:

First Solar Development (Canada), Inc. 5115 Blackwell Sitienced, Samia ON N77 7H3 Email: ontarto@firstsolar.com Telephone: 519-344-2187



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# money

























## **CURRENCIES**

Wednesday Thereday 98 BOLLAR \$1,0003 \$1,0140 YER \$0,011190 \$0,011233 EURO SH UE \$1,3744 \$1,3769

STUDS Biggest % gains in stocks over \$5

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**DUD\$** Biggest % losses in stocks mer \$5 O INCOCCERCES (II) 10.14

2 THE ST. 6.00

GO FIGURE

\$13.8B RÉVENUE LOST

Megal downloading cost Europeans 10 billion euros (roughly \$13.8 billion) in lost revenue in 2008, a report by TERA Consultants for the

## \$75M US

ART ESTIMATE ART ESTIMATE.
The high-end of the estimated price set by Christie's for Picasso's Portrait of Angel Fernandez de Soto. It is the highest pre-auction estimate for any work of art offered in Europe. **IIII CURRENCY:** Loonie hits 99 cents US in trading as climb toward parity continues

# Canadian dollar closes in

The loomle continued its flight toward parity Wednesday moint - peaked forward by solid commodity prices, a renewed inw rate pledge south of the burder and better-than-expected Canadian wholesale trade numbers.

The tipping point could come the solid part of the s



OM AGENC

be their productivity and competi-riveness edge," Clement sald. Clement's views echo a report released by the Conference Board of Canada earlier this

ARORE FORSET (MIL againty
in this country are increasingly
flevable when it comes to curmency fluctuation because their
are more finemational hedging
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are more finemational hedging
options availation because their
are more finemational hedging
options available to them that
extracted service industry
which has not internationally
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which has not internationally
the same extent, is most value
created, the think-tank said.

For many industry watch
ets, the recession highlighted
the higher diversified firm
the large of the same of the same extent, is most value
created the same extent, is most value
for all of the same extent, is most value
created the same extent, is most value
for an access to cutting-edge
technology.

The new normal is that you
don't just rely van a low Canadian
oblier as your productivity pele
and it think most businesses have

stiglinia...morstit@canoa.ca

ARORE FORSET (MIL againty
again and them is a sure, a year asked.

Canadian such Said. Sale were
such the Garage and the same reary \$75.billion in select
committee over the next five
canadian whole.

Canadian bond prices fell
Wednesday as investors see at
spurring investor as the same reary \$75.billion in select
committee over the next five

## business briefs

TRANSCON BACK TO PROFIT

TRANSCON BACK TO PROFIT Transcontinental Inc., Canada is a largest commercial printer, said Wednesday it returned to profit in its first quarties, benefiting from whots made last year to cut costs, recognize and divest certain.

The company also said it is increasing the quarter to dividend by 12.5 percent from the previous quarter to 9 canadian cents a share. Last February, the company said it would drop close to 1.500 jobs. or 10 percent of its staff, as a said it is a reduced capital spending and introduced a hiring freeze, unpaid leaves and reduced work weeks. At 10.1 the measures were seen reducing costs by about 575 million amounty, costs were 15 percent lower, while costs were 15 percent lower, while casts, general and administrative costs were 62.62 million, or 32 cents a share, in the three months to Jan. 31, compared net notice of \$26.52 million, or 35 cents a share, a year earlier.

FIRMS FACING \$758 IN DEST

**COMMERCE:** Companies catering to handheld crowd with custom apps

## **Mobile money-moving mastered** through smartphone technology

STEFANIA MORETTI QMI Agency

OM Agency

Canadians are increasingly
using their amartphones for
mobile commerce—shapping
online, transferring money to
a friend instead of using cash
and checking their account balsonce—all using downloadable
applications.

Consumers worldwide acplications.

Consumers worldwide acplications
by 2015 ally using their mobile
by 2015 ally using their bills
from their devices in the nate 20%
plan to start paying their bills
from their devices in the nate
year, according to Boston-based
Mercaus LLC.

And latternet payment company Payfel appects the number

And laternet payment com-pany PayPal expects the number of Canadians who have a mobile banking account to double in the

pany PayPal expects the number of Canadians who have a mobile harking account to double in the next year.

All commerce was the litter of Canada's big six banks to truly embrace the technology with the launch of their free mobile banking application for the iPhorn last month.

The (TBIC app allows users to check account belances, transfer funds, my bills and send interactional most proper services and the commerce safety behind either, with Royal Bank of Canada. Sociabank and TD Canada Trust already offering text alerts and apps to find the nearest branch.



ALEX TAYLOR OMI Agency illustration

With PayPal's "bump" app, personal and financial informa-tion is never stored on the device so it can't be easily stolen like cash or a can't. IDC, (anada senior analyst Bob Burbach says banks today goarantee their on their online american was a senior and their on their notice american beautiful become tool of their contractions of their contractio

progresses.

It's been a constant cat-and-mouse game between engineers and hackers when it comes to cyber security, he said. But for the time being, banks seem to be

cyber security, be said. But for the time being, be said. But for the security could be sufficient to use online banking in spite of course online banking in spite of the security of the sec

## **JUSTICE:** Country under pressure to relax prized bank secrecy Swiss to share information on tax evasion

ZURICH — The Swiss parlisament's upper house on
Wednesday approved deals
Medion clay approved deals

# LOCAL NEWS EVERY DAY • FOR HOME DELIVERY CALL 519-344-3641

# NOTICE OF PUBLIC MEETING To be held by First Solar Development (Canada), inc. regus Proposal to Engage in a Renewable Energy Project

Project Name: St. Clear - Sombre Soler Farm
Project Location: Township of St. Clair: south of Bampath Line and east of Baseline Road
Bated at the City of Toronto this 26<sup>th</sup> day of Fabruary, 2010

First Solar Development (Canada), inc. is planning to engage in a ranswable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project had is adulted to the provisions of the Environmental Protection Act (ACT) Per IV-VL and Charles Requisition Space (Regulation). This notice must be distributed in accordance with except 15 of the Regulation prior to an application being submitted and excessed for conclidences by the Melitisty of the Environment.

Meeting Location: DATE: April 22, 2010 TAME: 500 pm. = 600 pm. PLACE: Mooretown Sports Complex - 1186 Emily St., Mooretown ON NON 1MD PLACE: Mooretown Sports Complex - 1186 Emily St., Mooretown ON NON 1MD

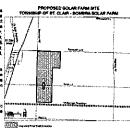
Project Description:
Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 3 Scient Facility. It approved, this facility with have a total mealinum name plate capacity of 20 MW. The project location is shown on the map below.

Documents for Fulfalc Inspection:

On the Property Committee of Property Committee Com

Project Contacts and information:
To learn more about the project proposal, public meetings, or to communicate concerns please contact:

First Soter Development (Caneda), Isc. 5115 Blockwell Siderced. Samas ON NTT 7H3 Errielt: ontario@firstsolar.com Telaphone: 519-344-2187



## IIII AUTO INDUSTRY: Initial public offering could also happen this year, CFO says General Motors says profitable 2010 a possibility

General Motors, which emerged from bankruptcy last year, first 9 when we're ready, so you profil in 2010 and could possibly make an initial public differing, the automaker's chief lineacle officer and Wedneday.

GNA has previously with Microsoft. GNA has previously with Microsoft. GNA had been planning for an or source of the source of



# localnews

■ BUSINESS: Forest family's maple syrup business going strong

# ow sweet it is

PAUL MORDEN The Observer

FORE MODES
The Observer
FOREST — Mary Vandenberg
wann's sure what to think when
her then future husband said he
had urapile syrup business.
I grew up on Aunt Iennima's
said he self-described "city git"
from Oshawa.

Ayan Vandenberg, on the
other hand, has been making
ample syrup every year since
he was in Grade 3, building the
forest area business known as
fount's Sween Magle.
That first meeting was about
That first meeting was about
standard and the sure of the
variables well of graden of the
variables well of graden on Rewlings
Road.
It was just another upgrade
Towards.

this parent's farm on Rewlings Road.

If was just another upgrade of the business he officially launched while in Grade 7, four years after topping his first tree.

years after topping his first tree.

bush at the Power of the superity of



VILLAGE OF POINT EDWARD OFFICIAL OPENING

Autismontario

III FUNDRAISER

# Box Lunch **Social** returns

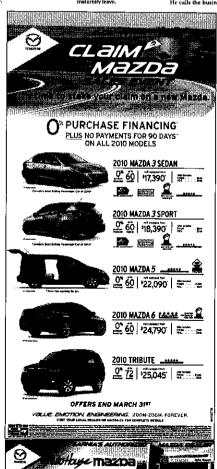
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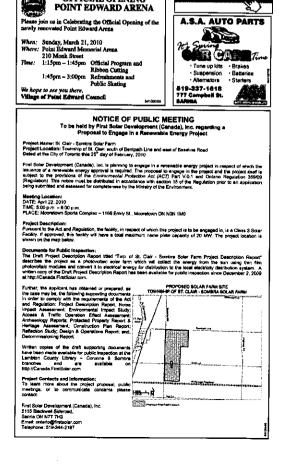
TYLER KULA
The Coher war
Keap a spot open on April 18th
for hund.
The Charle and Youth
for hund.
The Charle and Youth
Services is once equin tuding
orders for its 18th annual flox
Lunch Social.
About 2,000 lonches are made
every year, complete with either a harn and cheese or egg saled
andwich un a kaiser, a drink,
fruit, cooklea, a small prize and
the famous Lunch Box Pickle.
Deliveries are made across
the county, said Cheryl Cassin, a
community relations coordinators
deliveries are made across
the county, said Cheryl Cassin, a
community relations coordinators
deliveries are made across
with less than five people con
team up with neighbours.
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needed to assemble the lunches.
About 200 volunters are
needed to assemble the lunches.
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St. Clair supports children's
than the a restonable price and
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get delivered to the bustnesses.
St. Clair supports children's
und the social is a major
indicates for the eggalazation.
Orders are accepted up with April
C They can be fixed to \$19-337.

Urders are accepted up until April
6. They can be faxed to 519-3377750 or by calling 519-337-3701
ext. 243. Volunters can call or email boxiunc@st.clairchild.ca.

thula@theobserver.ca FOR MORE BREAKING NEWS

GO to
theobserver.ca





3. December 14, 2009 Notification Packages



December 14, 2009

VIA REGULAR MAIL

Chief Joseph Gilbert Bkejwanong Territory (Walpole Island) R.R. #3 Wallaceburg, ON N8A 4K9

Dear Chief Gilbert,

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project (solar farm) for which the issuance of a Renewable Energy Approval ("REA") is required from the Province of Ontario. The distribution of the enclosed Notice of Proposal to Engage in a Renewable Energy Project and notice of public meeting is provided to you according to the provisions of the *Environmental Protection Act ("Act")* Part V.0.1 and Ontario Regulation 359/09 ("Regulation"). In accordance with the Regulation, and as part of the REA process for proposed renewable energy project, First Solar is contacting you to provide you with initial information to commence the process of consulting with your community. The Regulation states that Aboriginal Communities must be consulted with who:

- (i) have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project, or
- (ii) otherwise may be interested in any negative environmental effects of the project.

The subject sites are located in the Township of St. Clair and are shown and described more particularly in the enclosed Project Description Report. As drafts of the documents that are required by the Regulation to be submitted as part of this application become available, First Solar will send a summary of each document to you. Full versions of the draft of each document when prepared will be posted to First Solar's website at <a href="http://canada.firstsolar.com">http://canada.firstsolar.com</a>.

We request that you provide in writing any information that you feel should be considered by First Solar in preparing the studies required by the Regulation.

We would be happy to arrange to meet with you and your band council individually, and/or to have you attend the first general public consultation meeting indicated on the enclosed notice. To learn more about the project proposal, public meetings, or provide comments or questions please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad, Sarnia ON N7T 7H3
Email: ontario@firstsolar.com
Telephone: 519-344-2187
http://canada.firstsolar.com/



December 14, 2009

**VIA REGULAR MAIL** 

Chief Chris Plain Aamjiwnaang First Nation 978 Tashmoo Avenue Sarnia, ON N7T 7H5

Dear Chief Plain,

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project (solar farm) for which the issuance of a Renewable Energy Approval ("REA") is required from the Province of Ontario. The distribution of the enclosed Notice of Proposal to Engage in a Renewable Energy Project and notice of public meeting is provided to you according to the provisions of the *Environmental Protection Act ("Act")* Part V.0.1 and Ontario Regulation 359/09 ("Regulation"). In accordance with the Regulation, and as part of the REA process for proposed renewable energy project, First Solar is contacting you to provide you with initial information to commence the process of consulting with your community. The Regulation states that Aboriginal Communities must be consulted with who:

- (i) have or may have constitutionally protected aboriginal or treaty rights that may be adversely impacted by the project, or
- (ii) otherwise may be interested in any negative environmental effects of the project.

The subject sites are located in the Township of St.Clair and are shown and described more particularly in the enclosed Project Description Report. As drafts of the documents that are required by the Regulation to be submitted as part of this application become available, First Solar will send a summary of each document to you. Full versions of the draft of each document when prepared will be posted to First Solar's website at <a href="http://canada.firstsolar.com">http://canada.firstsolar.com</a>.

We request that you provide in writing any information that you feel should be considered by First Solar in preparing the studies required by the Regulation.

We would be happy to arrange to meet with you and your band council individually, and/or to have you attend the first general public consultation meeting indicated on the enclosed notice. To learn more about the project proposal, public meetings, or provide comments or questions please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad, Sarnia ON N7T 7H3
Email: ontario@firstsolar.com
Telephone: 519-344-2187
http://canada.firstsolar.com/

### NOTICE OF A PROPOSAL

## By First Solar Development (Canada), Inc. to Engage in a Renewable Energy Project

Project Name: St. Clair - Sombra Solar Farm

**Project Location:** Township of St. Clair: south of Bentpath Line and east of Baseline Road **Dated at** the City of Toronto **this** 2<sup>nd</sup> **day of** December, 2009

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The distribution of this notice of a proposal to engage in this renewable energy project and the project itself are subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

#### **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is considered to be a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 20 MW. The project location is described in the map below.

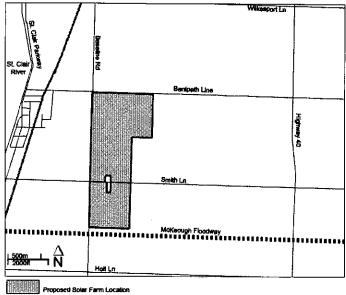
This project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled Twp. of St. Clair - Sombra Solar Farm Project Description Report describes the facility as a photovoltaic solar farm which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report is being made available for public inspection at http://Canada.FirstSolar.com.

#### **Project Contacts and Information:**

To learn more about the project proposal or to communicate concerns please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad. Samia ON N7T 7H3 Email: ontario@firstsolar.com Telephone: 519-344-2187

PROPOSED SOLAR FARM SITE TOWNSHIP OF ST. CLAIR - SOMBRA SOLAR FARM



#### **NOTICE OF PUBLIC MEETING**

# To be held by First Solar Development (Canada), Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: St. Clair - Sombra Solar Farm

Project Location: Township of St. Clair: south of Bentpath Line and east of Baseline Road

Dated at the City of Toronto this 2<sup>nd</sup> day of December, 2009

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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 Location:**

DATE: January 14, 2010 TIME: 4:00 p.m. – 8:00 p.m.

PLACE: Royal Canadian Legion Leslie Sutherland Branch 447, Albert St. and Beckwith St., Township of

St.Clair

#### **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 20 MW. The project location is described in the map below.

#### **Documents for Public Inspection:**

The Draft Project Description Report titled Twp. of St. Clair - Sombra Solar Farm Project Description Report describes the project as a photovoltaic solar farm which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report was made available for public inspection on December 2, 2009 at http://Canada.FirstSolar.com.

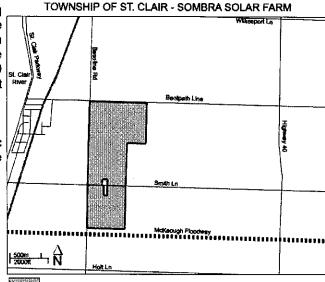
Further, the applicant will prepare supporting documents in order to comply with the requirements of the Act and Regulation. Written copies of the draft supporting documents will be made available for public inspection at least 60 days before the final public meeting at http://Canada.FirstSolar.com.

#### **Project Contacts and Information:**

To learn more about the project proposal, public meetings, or to communicate concerns please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad, Sarnia ON N7T 7H3

Email: ontario@firstsolar.com Telephone: 519-344-2187



PROPOSED SOLAR FARM SITE

### NOTICE OF A PROPOSAL

#### By First Solar Development (Canada), Inc. to Engage in a Renewable Energy Project

Project Name: St. Clair - Moore Solar Farm

**Project Location:** Township of St. Clair: north of Rokeby Line and west of Highway 40 **Dated at** the City of Toronto **this** 2<sup>nd</sup> **day of** December, 2009

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The distribution of this notice of a proposal to engage in this renewable energy project and the project itself are subject to the provisions of the Environmental Protection Act (ACT) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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.

#### **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is considered to be a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 20 MW. The project location is described in the map below.

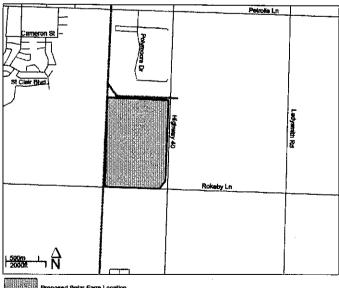
This project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled Twp. of St. Clair - Moore Solar Farm Project Description Report describes the facility as a photovoltaic solar farm which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report is being made available for public inspection at http://Canada.FirstSolar.com.

#### **Project Contacts and Information:**

To learn more about the project proposal or to communicate concerns please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad. Sarnia ON N7T 7H3 Email: ontario@firstsolar.com Telephone: 519-344-2187

PROPOSED SOLAR FARM SITE TOWNSHIP OF ST. CLAIR - MOORE SOLAR FARM



### **NOTICE OF PUBLIC MEETING**

To be held by First Solar Development (Canada), Inc. regarding a Proposal to Engage in a Renewable Energy Project

Project Name: St. Clair - Moore Solar Farm

Project Location: Township of St. Clair: north of Rokeby Line and west of Highway 40

Dated at the City of Toronto this 2<sup>nd</sup> day of December, 2009

First Solar Development (Canada), Inc. is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act (ACT)* Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be 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 Location:**

DATE: January 14, 2010 TIME: 4:00 p.m. – 8:00 p.m.

PLACE: Royal Canadian Legion Leslie Sutherland Branch 447, Albert St. and Beckwith St., Township of

St.Clair

#### **Project Description:**

Pursuant to the Act and Regulation, the facility, in respect of which this project is to be engaged in, is a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 20 MW. The project location is described in the map below.

#### **Documents for Public Inspection:**

The Draft Project Description Report titled Twp. of St. Clair — Moore Solar Farm Project Description Report describes the project as a photovoltaic solar farm which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. A written copy of the Draft Project Description Report was made available for public inspection on December 2, 2009 at http://Canada.FirstSolar.com

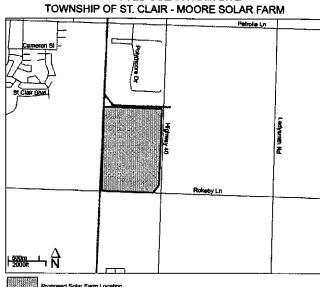
Further, the applicant will prepare supporting documents in order to comply with the requirements of the Act and Regulation. Written copies of the draft supporting documents will be made available for public inspection at least 60 days before the final public meeting at http://Canada.FirstSolar.com.

#### **Project Contacts and Information:**

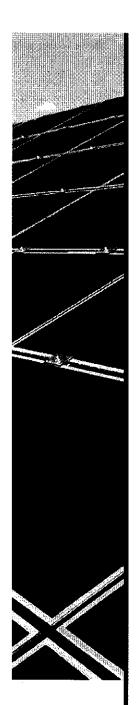
To learn more about the project proposal, public meetings, or to communicate concerns please contact:

First Solar Development (Canada), Inc. 5115 Blackwell Sideroad, Sarnia ON N7T 7H3

Email: ontario@firstsolar.com Telephone: 519-344-2187



PROPOSED SOLAR FARM SITE



# PROJECT DESCRIPTION REPORT Twp. Of St. Clair – St. Clair-Moore Solar Farm

Date: November 24, 2009



#### **Contact Information:**

Web Page: http://Canada.FirstSolar.com

Mailing: First Solar Development (Canada), Inc.

5115 Blackwell Sideroad,

Sarnia ON N7T 7H3

Email:

ontario@firstsolar.com

Telephone: 519-344-2187

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#### **Proponent**

First Solar Development (Canada), Inc. (hereinafter referred to as "First Solar").

## **Project Description**

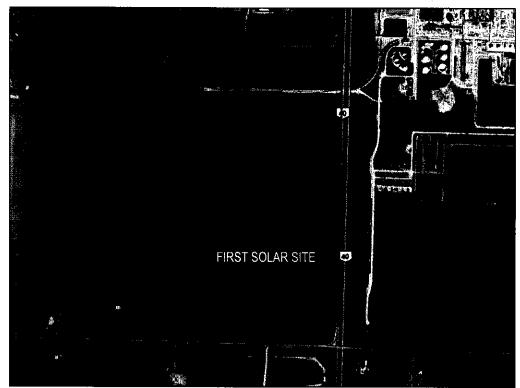
A solar farm is proposed which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. The proposed solar farm will be capable of producing 20 MW of electricity and will be developed on a 297 acre (120 ha) parcel of land located east of Mooretown in the Township of St. Clair (north of Rokeby Line, west of Highway 40). The solar farm is designated as a "class 3" solar facility as defined by Section 4 of O. Reg. 359/09 regarding Renewable Energy Approvals. A class 3 solar facility is a renewable energy facility with a name plate power capacity greater than 10kW situated at any location other than being mounted on the roof or wall of a building.

## **About The Proponent**

The proponent, First Solar, develops and constructs solar farms and is a solar module manufacturer producing low cost thin film photovoltaic modules. First Solar manufactures and uses low profile (up to 3.5m high), stationary thin film photovoltaic arrays which minimize wind loading and visual impacts. First Solar's modules consume no fuel and create no atmospheric emissions, ground vibrations or water pollution in the generation of electricity. The proponent has proposed and established a number of solar farms in North America, Europe and Asia, including projects developed by First Solar and its affiliates, and by project partners that use First Solar-manufactured modules in their projects. Projects include a planned solar farm in San Luis Obispo County, California which will generate 550 MW of electricity when complete. First Solar is also currently constructing an 80 MW solar farm in Sarnia, Ontario. The first phase of that project was completed in late 2009.

# General Location and Site Details of the Proposed St. Clair - Moore Solar Farm

The site of the proposed solar farm is located north of Rokeby Line, west of Highway 40 as shown below:



©2009 Google – Imagery ©2009 DigitalGlobe, GeoEye, U.S. Geological Survey, USDA Farm Service Agency, Map Data ©2009 Google

The subject site is approximately 297 acres (120 ha) in size and is currently used for traditional agricultural purposes. The land uses surrounding the site are industrial to the north, east and south; and, agriculture uses separated by a hydro corridor and railway tracks to the west.

The property is currently owned by local landowners under contract with First Solar.

# Photovoltaic Technology Overview

The proposed solar farm will use thin film photovoltaic modules manufactured by First Solar. The modules utilize a thin film semi-conductor layer encapsulated between two sheets of glass that produce electricity when exposed to the sun's rays. Each module produces a total of approximately 70 to 75 watts of direct current ("DC") electricity. Solar modules are connected and mounted together to form solar arrays, each containing many rows of solar modules. Depending on its size, a solar farm may contain many arrays, as shown in the image below:

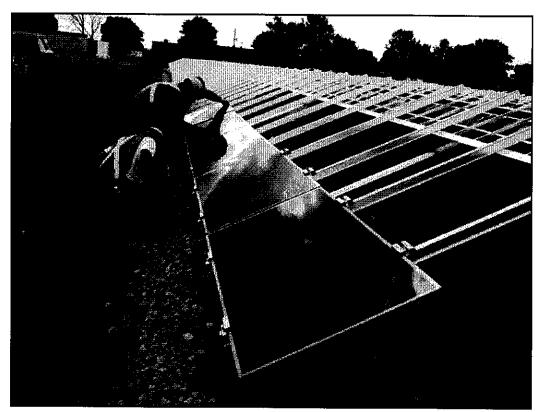


Image Source: First Solar

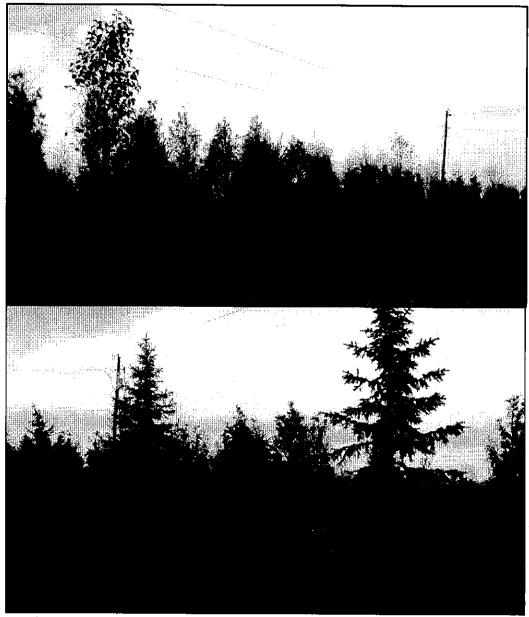
The DC electricity produced by the solar arrays is collected and is converted into Alternating Current (AC) by inverters and then sent to a transformer to increase the voltage of the electricity to the same level as the local electricity distribution system. The inverters, located at various points throughout the site, are enclosed within a concrete housing for noise reduction and weather protection purposes. Metering, safety disconnect and remote trip equipment is located at the utility connection point where the solar farm is connected to the local electricity distribution system. The local utility or Hydro One can control the solar farm grid connection during power outages or grid disruptions to ensure the safe and reliable operation of the electricity system.

# Visibility

Given the low profile of the solar arrays used by First Solar, the solar farm will create a visual horizon similar to, or lower than, many other agricultural structures such as a ginseng farm or commercial greenhouses.

The solar arrays have a height of up to 3.5m high and slope toward the ground at an angle suitable for maximum sun exposure.

Where appropriate, tree screens are used, alone or in conjunction with other visual barriers along various segments of the project's boundary to provide a visual screen and enhance aesthetics as shown below.



First Solar tree screen at Sarnia Solar Farm (Image Source: First Solar)

# Solar Farm Construction and the Natural Environment

Ensuring the protection and sustainability of the natural environment is a key consideration in any development. As part of its construction program, First Solar employs a variety of native grasses and other plants as groundcover between and under the solar arrays. This ground cover not only benefits soil quality, it improves stormwater runoff quality and the potential for erosion. Typical short grass plantings are shown in the image below at a solar farm in Dimbach Germany for which First Solar provided the modules:

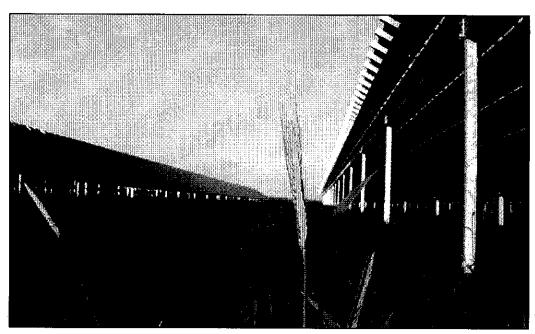


Image Source: First Solar

Because of its passive nature and limited land disturbance, the proposed solar farm will have minimal impacts on the natural environment. However, as part of the Renewable Energy Approval process, First Solar will be preparing a Natural Heritage Assessment and a Water Feature Assessment to identify, document, and investigate natural heritage features on and in the vicinity of the subject site. Should the project be located within a Provincial setback to a natural heritage feature (120 m in most cases), an Environmental Impact Study (EIS) must be prepared which will identify any negative environmental effects that may result from engaging in the project and note appropriate mitigation measures. If an EIS is necessary, First Solar will make this document available to the public at least 60 days prior to the final public meeting. As part of the Renewable Energy Approval process these environmental reports will also be reviewed by the Ministry of Natural Resources. Any needed mitigation will be implemented.

Related to the foregoing, First Solar has commissioned and will submit for public and government agency review, additional technical reports to ensure that all aspects of the project will minimize potential environmental impacts.

### **Traffic Generation**

During construction of the solar farm, as with any construction project, there will be short term, intermittent traffic generated from the delivery of materials and arrival/departure of construction personnel. Due to the short duration of this phase of development and the small number of on-site employees required for regular operation (1-2), limited impact on the local road network and community traffic patterns will occur. Traffic studies have been prepared identifying the amount and types of traffic to be expected during the construction and operation phases of the development. Mitigation measures, where required, will be implemented.

#### Air & Noise

The solar arrays and related equipment do not generate any air emissions other than a limited amount of noise that comes from the inverters, transformers and associated cooling fans located throughout the solar farm. All noise emissions must meet Ministry of the Environment (MOE) standards for noise levels at adjacent residences. These standards require that noise levels from the solar farm are literally "quieter than a library", at 40 decibels maximum at the point of reception. A detailed Acoustic Assessment Report will be prepared and made available to the public and government agencies at least 60 days prior to the final public meeting which quantifies noise generated from the solar farm.

#### Local Socio-Economic Benefits

Solar farm construction will create significant employment opportunities during the construction phase. There will be demand for construction and other skilled trades. Each 10 MW solar farm has hundreds of thousands of solar modules that must be put in place and connected to each other. Electricians are required for above-ground wiring and installation of the inverters, transformers and meters required to connect to the local electricity distribution system. Typically, a 10 MW solar farm will create the equivalent of about 50 jobs during the year of construction, or over 100,000 hours of skilled labour requirement.

In addition to direct construction employment, First Solar works with numerous local engineering and environmental consultants to help design the solar farm, and with many Ontario suppliers to provide equipment.

Local economic benefits will extend beyond the purchase of equipment to be used in the generation of solar electricity. For example, the local hospitality industry is expected to benefit from an increase in visitors and contractors associated with the construction and ongoing operation of the solar farm.

# Decommissioning

First Solar was the first solar manufacturer to develop a pre-funded recycling program for its solar modules that enables substantially all components, including the glass and the encapsulated semiconductor material, to be recycled and processed into new solar modules or other products. Detailed information can be found about First Solar's comprehensive module collection and recycling program on its website (www.firstsolar.com). A specific decommissioning plan for the subject site will be prepared in accordance with Ministry requirements and made available to the public and government agencies for review at least 60 days prior to the final public meeting.

# Provincial Policy Statement ("PPS")

The PPS provides policy direction on matters of Provincial interest related to land use planning and development. As a key part of Ontario's policy-led planning system, the PPS sets the policy foundation for regulating the development and use of land. The PPS came into effect on March 1<sup>st</sup>, 2005. The establishment of the solar farm on the subject site is encouraged by and consistent with the PPS, particularly with regard to long term economic prosperity, the Province's clean energy objectives, and air quality. Section 1.8.3 specifically permits renewable energy generation in "rural areas and prime agricultural areas in accordance with provincial and federal requirements" provided that they are designed to minimize impacts on agricultural operations. It is clear that the Provincial intent as confirmed in decisions of the Ontario Municipal Board is that Section 1.8.3 is the guiding policy for Renewable Energy project development and that a solar farm use is permitted on agricultural land as defined by the PPS.

A full analysis of the PPS in relation to the proposed solar farm will be made available to the public and government agencies a minimum of 60 days before the final public meeting.

# Greenbelt Plan (2005)

The project is not located within the boundary of the Greenbelt Plan (2005).

# Land Use Compatibility

The development of the proposed solar farm is encouraged by the Ontario government and has received from the Province a contract under Ontario's Renewable Energy Standard Offer Program (RESOP) to produce electricity, which will be fed into the local electricity distribution system.

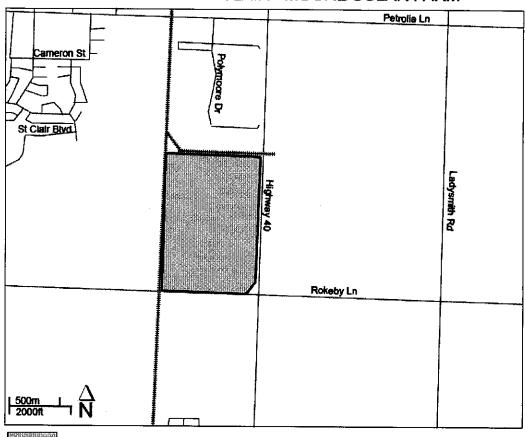
The proposed solar farm is a passive land use and is fully compatible with the land uses in proximity to the subject site. There are no atmospheric emissions or ground vibrations emitted from the project and stormwater flows are not increased from pre-development flows. In addition, proposed plantings between and under the arrays will improve storm water run-off flows, provide erosion control and help to improve soil quality over time.

The proposed solar farm will be constructed, operated and decommissioned without impeding the land's ability to sustain traditional agriculture at the end of the project's life.

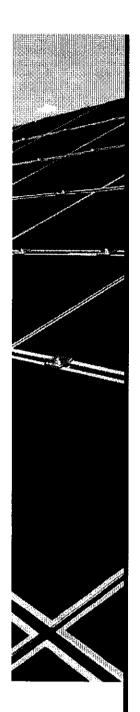
The low-profile character of the proposed solar farm arrays allows for easy screening, buffering and separation from any sensitive land uses.

# **Project Location Map**

# PROPOSED SOLAR FARM SITE TOWNSHIP OF ST. CLAIR - MOORE SOLAR FARM



Proposed Solar Farm Location



# PROJECT DESCRIPTION REPORT Twp. Of St. Clair – St. Clair-Sombra Solar Farm

Date: November 24, 2009



#### **Contact Information:**

Web Page: http://Canada.FirstSolar.com

Mailing: First Solar Development (Canada), Inc.

5115 Blackwell Sideroad,

Sarnia ON N7T 7H3

Email:

ontario@firstsolar.com

Telephone: 519-344-2187

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Provincial Policy Statement ("PPS")	
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#### Proponent

First Solar Development (Canada), Inc. (hereinafter referred to as "First Solar").

## **Project Description**

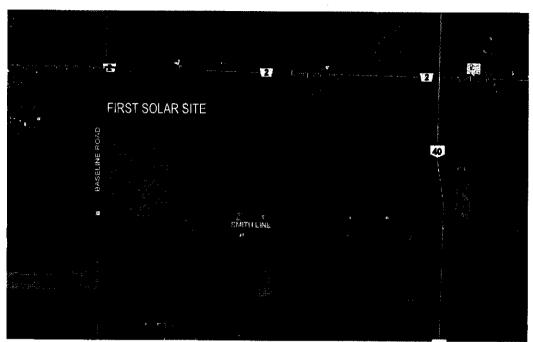
A solar farm is proposed which will collect the energy from the sun using thin film photovoltaic modules and convert it to electrical energy for distribution to the local electricity distribution system. The proposed solar farm will be capable of producing 20 MW of electricity and will be developed on a 347 acre (140 ha) parcel of land located east of Sombra Village in Township of St. Clair (south of Bentpath Line, east of Baseline Road). The solar farm is designated as a "class 3" solar facility as defined by Section 4 of O. Reg. 359/09 regarding Renewable Energy Approvals. A class 3 solar facility is a renewable energy facility with a name plate power capacity greater than 10kW situated at any location other than being mounted on the roof or wall of a building.

## **About The Proponent**

The proponent, First Solar, develops and constructs solar farms and is a solar module manufacturer producing low cost thin film photovoltaic modules. First Solar manufactures and uses low profile (up to 3.5m high), stationary thin film photovoltaic arrays which minimize wind loading and visual impacts. First Solar's modules consume no fuel and create no atmospheric emissions, ground vibrations or water pollution in the generation of electricity. The proponent has proposed and established a number of solar farms in North America, Europe and Asia, including projects developed by First Solar and its affiliates, and by project partners that use First Solar-manufactured modules in their projects. Projects include a planned solar farm in San Luis Obispo County, California which will generate 550 MW of electricity when complete. First Solar is also currently constructing an 80 MW solar farm in Sarnia, Ontario. The first phase of that project was completed in late 2009.

# General Location and Site Details of the Proposed St. Clair - Sombra Solar Farm

The site of the proposed solar farm is located south of Bentpath Line, east of Baseline Road as shown below:



©2009 Google – Imagery ©2009 DigitalGlobe, GeoEye, U.S. Geological Survey, USDA Farm Service Agency, Map Data ©2009 Google

The subject site is approximately 347 acres (140 ha) in size and is currently used for traditional agricultural purposes. The land uses surrounding the site are a mix of agriculture and rural residential uses.

The property is currently owned by local landowners under contract with First Solar.

# Photovoltaic Technology Overview

The proposed solar farm will use thin film photovoltaic modules manufactured by First Solar. The modules utilize a thin film semi-conductor layer encapsulated between two sheets of glass that produce electricity when exposed to the sun's rays. Each module produces a total of approximately 70 to 75 watts of direct current ("DC") electricity. Solar modules are connected and mounted together to form solar arrays, each containing many rows of solar modules. Depending on its size, a solar farm may contain many arrays, as shown in the image below:

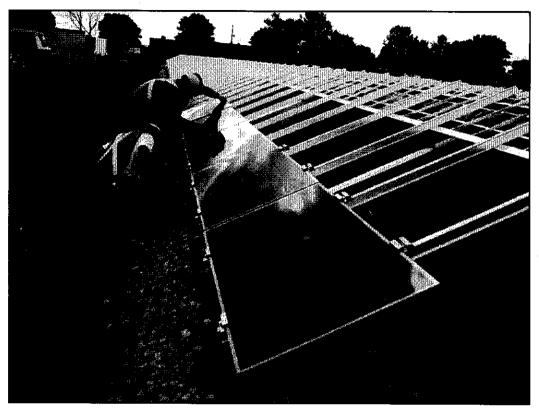


Image Source: First Solar

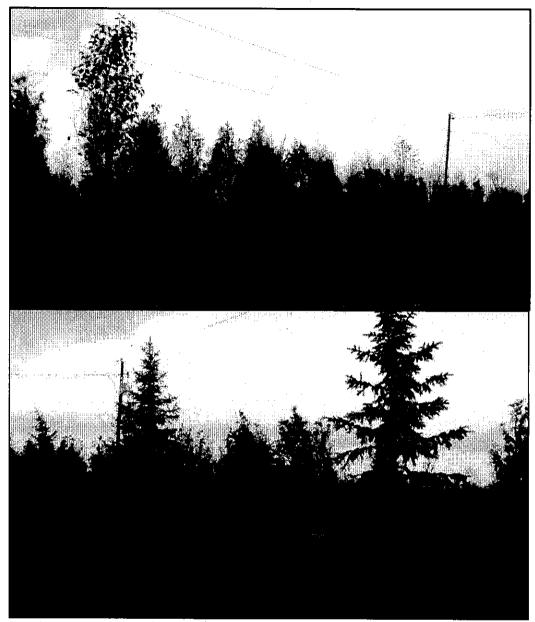
The DC electricity produced by the solar arrays is collected and is converted into Alternating Current (AC) by inverters and then sent to a transformer to increase the voltage of the electricity to the same level as the local electricity distribution system. The inverters, located at various points throughout the site, are enclosed within a concrete housing for noise reduction and weather protection purposes. Metering, safety disconnect and remote trip equipment is located at the utility connection point where the solar farm is connected to the local electricity distribution system. The local utility or Hydro One can control the solar farm grid connection during power outages or grid disruptions to ensure the safe and reliable operation of the electricity system.

# Visibility

Given the low profile of the solar arrays used by First Solar, the solar farm will create a visual horizon similar to, or lower than, many other agricultural structures such as a ginseng farm or commercial greenhouses.

The solar arrays have a height of up to 3.5m high and slope toward the ground at an angle suitable for maximum sun exposure.

Where appropriate, tree screens are used, alone or in conjunction with other visual barriers along various segments of the project's boundary to provide a visual screen and enhance aesthetics as shown below.



First Solar tree screen at Sarnia Solar Farm (Image Source: First Solar)

# Solar Farm Construction and the Natural Environment

Ensuring the protection and sustainability of the natural environment is a key consideration in any development. As part of its construction program, First Solar employs a variety of native grasses and other plants as groundcover between and under the solar arrays. This ground cover not only benefits soil quality, it improves stormwater runoff quality and the potential for erosion. Typical short grass plantings are shown in the image below at a solar farm in Dimbach Germany for which First Solar provided the modules:

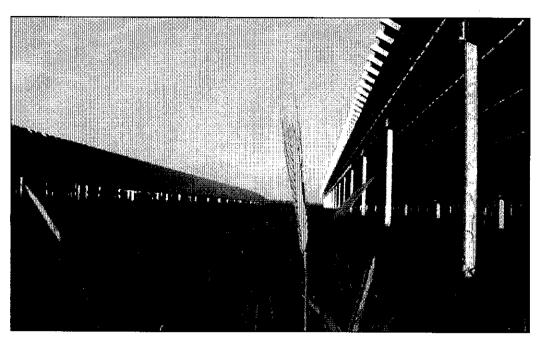


Image Source: First Solar

Because of its passive nature and limited land disturbance, the proposed solar farm will have minimal impacts on the natural environment. However, as part of the Renewable Energy Approval process, First Solar will be preparing a Natural Heritage Assessment and a Water Feature Assessment to identify, document, and investigate natural heritage features on and in the vicinity of the subject site. Should the project be located within a Provincial setback to a natural heritage feature (120 m in most cases), an Environmental Impact Study (EIS) must be prepared which will identify any negative environmental effects that may result from engaging in the project and note appropriate mitigation measures. If an EIS is necessary, First Solar will make this document available to the public at least 60 days prior to the final public meeting. As part of the Renewable Energy Approval process these environmental reports will also be reviewed by the Ministry of Natural Resources. Any needed mitigation will be implemented.

Related to the foregoing, First Solar has commissioned and will submit for public and government agency review, additional technical reports to ensure that all aspects of the project will minimize potential environmental impacts.

## **Traffic Generation**

During construction of the solar farm, as with any construction project, there will be short term, intermittent traffic generated from the delivery of materials and arrival/departure of construction personnel. Due to the short duration of this phase of development and the small number of on-site employees required for regular operation (1-2), limited impact on the local road network and community traffic patterns will occur. Traffic studies have been prepared identifying the amount and types of traffic to be expected during the construction and operation phases of the development. Mitigation measures, where required, will be implemented.

#### Air & Noise

The solar arrays and related equipment do not generate any air emissions other than a limited amount of noise that comes from the inverters, transformers and associated cooling fans located throughout the solar farm. All noise emissions must meet Ministry of the Environment (MOE) standards for noise levels at adjacent residences. These standards require that noise levels from the solar farm are literally "quieter than a library", at 40 decibels maximum at the point of reception. A detailed Acoustic Assessment Report will be prepared and made available to the public and government agencies at least 60 days prior to the final public meeting which quantifies noise generated from the solar farm.

#### Local Socio-Economic Benefits

Solar farm construction will create significant employment opportunities during the construction phase. There will be demand for construction and other skilled trades. Each 10 MW solar farm has hundreds of thousands of solar modules that must be put in place and connected to each other. Electricians are required for aboveground wiring and installation of the inverters, transformers and meters required to connect to the local electricity distribution system. Typically, a 10 MW solar farm will create the equivalent of about 50 jobs during the year of construction, or over 100,000 hours of skilled labour requirement.

In addition to direct construction employment, First Solar works with numerous local engineering and environmental consultants to help design the solar farm, and with many Ontario suppliers to provide equipment.

Local economic benefits will extend beyond the purchase of equipment to be used in the generation of solar electricity. For example, the local hospitality industry is expected to benefit from an increase in visitors and contractors associated with the construction and ongoing operation of the solar farm.

# Decommissioning

First Solar was the first solar manufacturer to develop a pre-funded recycling program for its solar modules that enables substantially all components, including the glass and the encapsulated semiconductor material, to be recycled and processed into new solar modules or other products. Detailed information can be found about First Solar's comprehensive module collection and recycling program on its website (www.firstsolar.com). A specific decommissioning plan for the subject site will be prepared in accordance with Ministry requirements and made available to the public and government agencies for review at least 60 days prior to the final public meeting.

## Provincial Policy Statement ("PPS")

The PPS provides policy direction on matters of Provincial interest related to land use planning and development. As a key part of Ontario's policy-led planning system, the PPS sets the policy foundation for regulating the development and use of land. The PPS came into effect on March 1<sup>st</sup>, 2005. The establishment of the solar farm on the subject site is encouraged by and consistent with the PPS, particularly with regard to long term economic prosperity, the Province's clean energy objectives, and air quality. Section 1.8.3 specifically permits renewable energy generation in "rural areas and prime agricultural areas in accordance with provincial and federal requirements" provided that they are designed to minimize impacts on agricultural operations. It is clear that the Provincial intent as confirmed in decisions of the Ontario Municipal Board is that Section 1.8.3 is the guiding policy for Renewable Energy project development and that a solar farm use is permitted on agricultural land as defined by the PPS.

A full analysis of the PPS in relation to the proposed solar farm will be made available to the public and government agencies a minimum of 60 days before the final public meeting.

# Greenbelt Plan (2005)

The project is not located within the boundary of the Greenbelt Plan (2005).

## Land Use Compatibility

The development of the proposed solar farm is encouraged by the Ontario government and has received from the Province a contract under Ontario's Renewable Energy Standard Offer Program (RESOP) to produce electricity, which will be fed into the local electricity distribution system.

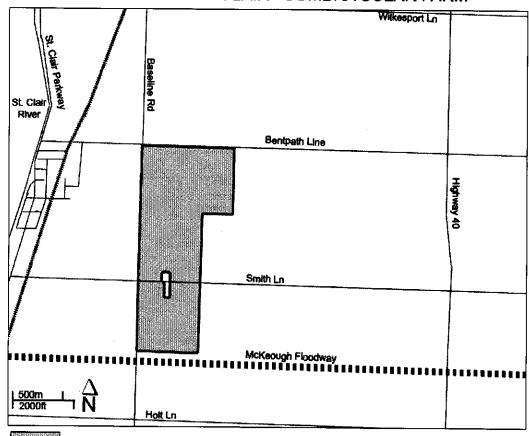
The proposed solar farm is a passive land use and is fully compatible with the land uses in proximity to the subject site. There are no atmospheric emissions or ground vibrations emitted from the project and stormwater flows are not increased from pre-development flows. In addition, proposed plantings between and under the arrays will improve storm water run-off flows, provide erosion control and help to improve soil quality over time.

The proposed solar farm will be constructed, operated and decommissioned without impeding the land's ability to sustain traditional agriculture at the end of the project's life.

The low-profile character of the proposed solar farm arrays allows for easy screening, buffering and separation from any sensitive land uses.

# **Project Location Map**

# PROPOSED SOLAR FARM SITE TOWNSHIP OF ST. CLAIR - SOMBRA SOLAR FARM



Proposed Solar Farm Location

# 4. February 26, 2010 Letters



February 26, 2010

**VIA REGULAR MAIL** 

Chief Chris Plain Aamjiwnaang First Nation 978 Tashmoo Avenue Samia, ON N7T 7H5

Dear Chief Plain,

Further to our letter dated December 14, 2009 regarding our proposed solar farm projects in St. Clair Township Ontario we are writing you to provide an update on the project. On January 14th, 2010 and in accordance with Ontario Regulation 359/09 ("Regulation"), we held the first public consultation meeting. We will send to you notice for the next public meeting once a date for this meeting has been set.

Draft versions of the required project reports and technical studies have been completed and were posted on First Solar's website (<a href="http://canada.firstsolar.com">http://canada.firstsolar.com</a>) during February 2010. The enclosed CD contains a full set of the reports, studies, and site plan drawings for you and your community to review. If you would like hard copies of the draft documents please let us know and we will arrange to have a set provided to you. As well, if you wish to make a set of the documents available to your community in a public location (i.e. your closest library or community centre), please let us know the appropriate contact and we will provide a printed set of the materials for them.

We kindly request that you provide in writing to us any information available to your community that you feel should also be considered by First Solar in finalizing the project studies and reports. In particular, if you have information on potential adverse impacts that the project may have and any measures for mitigating those potential adverse impacts, please let us know.

If you so desire, we would be happy to meet directly with you and your band council (or a community representative that you designate) at your convenience regarding the project. To learn more about the project proposal, public meetings, or to arrange for a meeting, please contact:

Peter Carrie, Vice President
First Solar Development (Canada), Inc.
5115 Blackwell Sideroad,
Sarnia ON. N7T 7H3
Email: ontario@firstsolar.com
Telephone: 519-344-2187
http://canada.firstsolar.com/



February 26, 2010

**VIA REGULAR MAIL** 

Chief Joseph Gilbert **Bkejwanong Territory** R.R. #3 Wallaceburg, ON N8A 4K9

Dear Chief Gilbert.

Further to our letter dated December 14, 2009 regarding our proposed solar farm projects in St. Clair Ontario and letter dated February 1, 2010 regarding our proposed solar farm project in Amherstburg Ontario we are writing you to provide an update on the projects. On January 14, 2010 and in accordance with Ontario Regulation 359/09 ("Regulation"), we held the first public consultation meeting for the St. Clair projects. The first public meeting for the Amherstburg project is scheduled for March 4th, 2010. We will send to you notice for the next public meetings once a date for these meetings has been set.

Draft versions of the required project reports and technical studies have been completed and were posted on First Solar's website (http://canada.firstsolar.com) during February 2010. The enclosed CD contains a full set of the reports, studies, and site plan drawings for you and your community to review. If you would like hard copies of the draft documents please let us know and we will arrange to have a set provided to you. As well, if you wish to make a set of the documents available to your community in a public location (i.e. your closest library or community centre). please let us know the appropriate contact and we will provide a printed set of the materials for them.

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Peter Carrie, Vice President First Solar Development (Canada), Inc. 5115 Blackwell Sideroad. Samia ON, N7T 7H3 Email: ontario@firstsolar.com Telephone: 519-344-2187

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