



Consultation Report

November 2017

TABLE OF CONTENTS

	<u>Page No.</u>
1.0 INTRODUCTION	1
2.0 THE PROPONENT.....	2
2.1 Nanticoke Solar	2
2.2 Project Contact	2
3.0 PROJECT LOCATION.....	3
4.0 OVERVIEW OF THE CONSULTATION PROCESS.....	5
4.1 Whom to Consult	6
4.2 Consultation Objectives.....	7
4.3 Summary of Consultation Activities to Date.....	8
5.0 PUBLIC CONSULTATION.....	13
5.1 Identification of Landowners.....	13
5.2 Notification.....	13
5.3 Release of Documents	14
5.4 Public Meetings	15
5.5 Interest Groups.....	18
5.6 Summary of Communications Received.....	18
5.7 Modifications to the Project Proposal or Draft Documents.....	19
6.0 ABORIGINAL CONSULTATION.....	20
6.1 Aboriginal Contact List Provided by MOECC.....	20
6.2 Notification, Requests for Information and Release of Documents.....	20
6.3 Additional Consultation Activities	21
6.4 Summary of Communications.....	22
6.5 Modifications to the Project Proposal or Draft Documents.....	22
7.0 MUNICIPAL CONSULTATION	23
7.1 Notification and Release of Documents.....	23
7.2 Municipal Consultation Form	23
7.3 Public Meetings	23
7.4 Summary of Communications.....	24
7.5 Modifications to the Project Proposal or Draft Documents.....	24
8.0 AGENCY CONSULTATION	25
8.1 Notification.....	25
8.2 Consultation with the Ministry of the Environment and Climate Change (MOECC)	25
8.3 Consultation with the Ministry of Natural Resources and Forestry (MNRF)	25
8.4 Consultation with the Ministry of Tourism, Culture, and Sport (MTCS).....	26
8.5 Consultation with the Ontario Ministry of Transportation (MTO)	27
8.6 Consultation with Conservation Authorities	27
8.7 Summary of Communications with Regulatory Agencies and Conservation Authority	28
8.8 Modifications to the Project Proposal or Draft Documents.....	28

9.0	ONGOING CONSULTATION AND STAKEHOLDER ENGAGEMENT.....	29
9.1	Ongoing Stakeholder Engagement.....	29
9.2	Communication Methods, Records and Complaints Resolution Process	29
10.0	OUTSTANDING CONCERNS	30
11.0	CONCLUSIONS	31

List of Tables

Table 1 – Ontario Regulation 359/09 Prescribed Consultation Activities to Date.....	9
Table 2 – Other Consultation Activities by Nanticoke Solar LP Beyond Ontario Regulation 359/09	11

List of Figures

Figure 1 – Site Location Plan.....	4
Figure 2 – REA Process and Consultation Requirements	6

Appendices

Appendix A: Mailing List, Notices and Comment/Response Table

- Appendix A-1: Mailing List
- Appendix A-2: Notices
- Appendix A-3: Comment/Response Table

Appendix B: Public Meeting Materials and Public Consultation

- Appendix B-1: Public Meeting #1
- Appendix B-2: Additional Public Meeting
- Appendix B-3: Public Meeting #2 (Final Public Meeting)
- Appendix B-4: Public Response Letters
- Appendix B-5: Other Public Consultation Materials

Appendix C: Aboriginal Correspondence

Appendix D: Municipal Correspondence

Appendix E: Agency Correspondence

Appendix F: Municipal, Conservation Authority, and Agency Comment/Response Table

1.0 INTRODUCTION

Nanticoke Solar LP is proposing to design, build and operate up to a 44 megawatts alternating current (MW_{AC}) solar electricity generation facility on and near the existing OPG Nanticoke Generating Station (G.S.) site in Haldimand County, Ontario (see Figure 1 – Site Location Plan) (“The Project”). The Project was selected through the Independent Electricity System Operator’s (IESO) Large Renewable Procurement (LRP) I Request for Proposal (RFP). The proposed Project is classified under the O.Reg. 359/09 Renewable Energy Approval (REA) process as a Class 3 Solar Facility and will generate up to 44 MW_{AC}. The Project will convert solar energy into electricity to be fed into the Hydro One transmission grid.

The Project will require approval under Ontario Regulation 359/09 (the Regulation) – Renewable Energy Approval (REA) under Part V.0.1. of the *Ontario Environmental Protection Act*. Subject to receiving all approvals, the preliminary schedule anticipates that full commercial operation will be achieved by March 9, 2019. The Project has received a 20-year LRP contract from the IESO to generate electricity and deliver it to the Ontario electricity grid. As such, the project is anticipated to operate until at least 2039, at which time it may continue to generate electricity or be decommissioned.

This Consultation Report has been prepared following the second (final) public meeting (PM) for the Nanticoke Solar Project, and is being submitted to the Ministry of Environment and Climate Change (MOECC) as part of a complete REA submission for the Project.

Other reports in the submission include:

- Project Description Report;
- Construction Plan Report;
- Design and Operations Report;
- Decommissioning Plan Report;
- Conceptual Stormwater Management Report;
- Noise Study Report (Acoustic Assessment Report);
- Water Assessment Report and Water Body Report;
- Natural Heritage Assessment (Records Review Report, Site Investigation Report, Evaluation of Significance Report and Environmental Impact Study);
- Archaeological Assessment (Stage 1 and 2);
- Cultural Heritage Assessment Report; and,
- Groundwater Monitoring Program Report.

The Consultation Report is required as part of a complete REA submission to the MOECC. It provides the MOECC with information on all consultation activities conducted in respect of the renewable energy project, including a record of comments and information received by the applicant, and demonstrates how the Project was modified as a result of the comments received. The content and format of this report follows that recommended in Chapter 2 of the MOECC’s *Technical Guide to Renewable Energy Approvals* (2013) (the Guide) and required by the Regulation.

2.0 THE PROPONENT

2.1 Nanticoke Solar

The Nanticoke Solar electricity generation project (herein referred to as “The Project”) is being developed by Nanticoke Solar LP (herein referred to as “Nanticoke Solar”), which is an Ontario limited partnership, with Ontario Power Generation Inc. (OPG), SunEdison Canadian Construction LP and 9374264 Canada Limited (the Six Nations of Grand River) as limited partners and Nanticoke Solar Inc. as general partner. OPG owns a majority of the shares and units in Nanticoke Solar Inc. and Nanticoke Solar LP and therefore has a controlling interest in these entities.

Nanticoke Solar LP leased the Nanticoke GS lands and the Central Parcel from OPG. Nanticoke Solar LP leased the West Parcel and the East Parcel from 172965 Canada Limited.

2.2 Project Contact

Name: Phil Shantz
Title: Environmental Planning Lead; ARCADIS
Address: 121 Granton Drive, Suite 12
Richmond Hill, ON L4B 3N4
Email: Phil.Shantz@arcadis.com

Name: Gillian MacLeod
Title: Senior Environmental Advisor; OPG
Address: 700 University Avenue; H18D16
Toronto, ON M5G 1X6
E-mail: Gillian.Macleod@opg.com

Project E-mail: info@nanticokesolar.com
Project Website: www.nanticokesolar.com

3.0 PROJECT LOCATION

The Project is located on four (4) parcels of property in Haldimand County, Ontario including the former Nanticoke G.S. site and lands nearby. The four parcels of the project land are privately owned. Rights sufficient to use the lands for construction and operation of a solar electricity generation facility have been acquired by Nanticoke Solar LP through lease agreements with private landowners. The defined project is approximately 178 hectares (ha).

The following coordinates (in UTM NAD 83, Zone 17T coordinate system) define the extremities of the Project Location:

- Northwest: 576608.8 m E; 4740369.14 m N
- Northeast: 579572.74 m E; 4741098.70 m N
- Southeast: 579830.45 m E; 4740246.62 m N
- Southwest: 577038.81 m E; 4738892.65 m N

Figure 1 illustrates the general location of the Project in Southwestern Ontario. The Project Location is defined in Ontario Regulation 359/09 to be “a part of land and all or part of any building or structure in, on or over which a person is engaging in or proposes to engage in the Project”. Information on the Project Location and facility components is found in the *Project Description Report* and *Design and Operations Report*.

Figure 1 – Site Location Plan



4.0 OVERVIEW OF THE CONSULTATION PROCESS

This Consultation Report details the formal consultation program for the Project which was formally initiated in April 2015 with the distribution of the draft Project Description Report and publication of a combined Notice of Proposal and Notice of First Public Meeting. It should be noted that consultation for the REA was undertaken in parallel with the requirements for the Independent Electricity System Operator (IESO) Large Renewable Procurement (LRP) I requirements. Two consultation plans were also drafted at this time for community engagement and for Aboriginal engagement. The formal consultation program is anticipated to conclude with publication of a notice informing the public that the REA application has been accepted for technical review by the MOECC. Nanticoke Solar LP is committed to continuing to consult with regulators, Aboriginal communities, and the public, during construction and operation phases of the Project.

This report documents how consultation activities were undertaken and provides a record of the comments and information received by the applicant through consultation. The report also documents how comments were considered and whether and how the Project was modified as a result of comments received.

Stakeholder consultation has been a vital component of this Project from the commencement. The applicant has provided opportunities for information sharing and stakeholder feedback throughout; and ongoing consultation activities and Project communications are planned throughout the proposed construction and operations stages as necessary. These are discussed in Section 9.0 of this report.

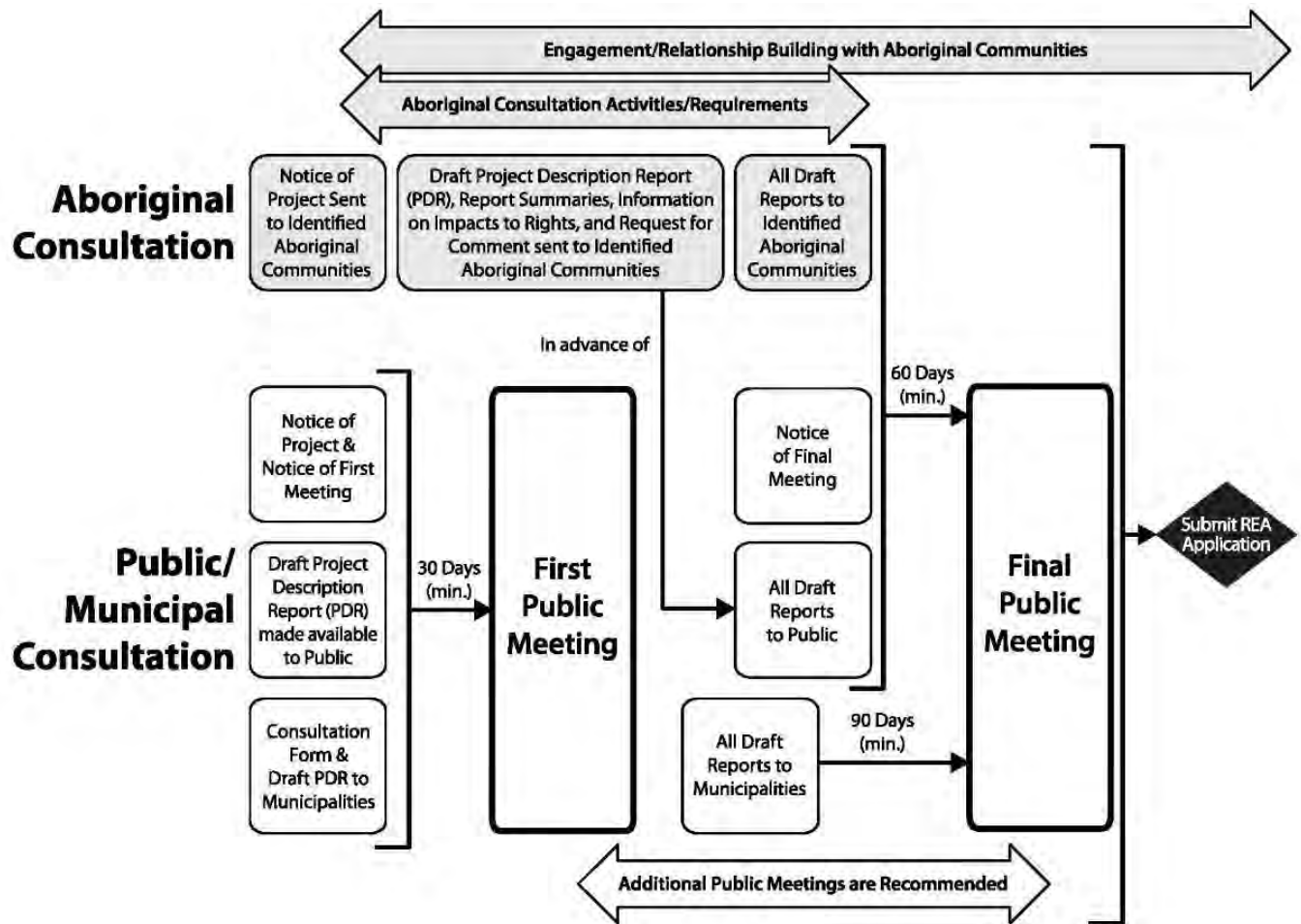
This report describes the key consultation activities that have been undertaken to date. Comments from the general public, landowners, Aboriginal communities, Haldimand County, Norfolk County, Long Point Region Conservation Authority (LPRCA), other authorities and agencies have been identified and addressed, and are identified in the appendices. The recommended REA consultation process as described by MOECC is illustrated in Figure 2.

The REA process includes prescribed minimum consultation requirements to ensure that the public, municipalities, Aboriginal communities and other stakeholders are notified about a project and are given sufficient opportunities to provide feedback and information to the proponent as outlined in Ontario Regulation 359/09 (the Regulation). These minimum requirements include rules for notification and consultation with Aboriginal communities, public notification, holding public meetings, making reports available, and engaging municipalities. Of particular importance is the timing of the release of reports prior to community meetings.

Mandatory consultation requirements with respect to the REA process include the following:

- Notices of the Project and of Public Community Meetings;
- Public Community Meetings (2);
- Use of a publicly accessible project website to post relevant project information; and,
- Provision of reports in a timely manner in accordance with the REA process requirements prior to consultation events. (refer to Figure 2)

Figure 2 REA Process and Consultation Requirements



4.1 Whom to Consult

Mandatory consultation activities are outlined in Sections 14 to 18 of Ontario Regulation 359/09. These include Project notification, release of draft REA documents, and public meetings. Consultation activities for ground-mount solar installations are stipulated for:

- Aboriginal communities that, in the opinion of the Director of the MOECC and applicant, have or may have constitutionally protected Aboriginal or treaty rights that may be adversely impacted by the project or otherwise may be interested in any negative environment effects of the Project;
- Assessed owners of land:
 - abutting a parcel of land on which the Project Location is situated; and/or,
 - are within 120 metres of the Project Location;
- Clerks of each local municipality and upper-tier municipality in with the Project Location is situated;
- Secretary-treasurers of each Local Roads Board of a local roads area in which the Project Location is situated (only if the project is within an unorganized territory);
- Secretaries of each Local Services Board of a board area in which the Project Location is situated (only if the project is within an unorganized territory);

- Secretary-treasurers of planning boards that have jurisdiction in an area in which the Project Location is situated;
- The Chair of the Niagara Escarpment Commission, if the Project Location is in the area of the Niagara Escarpment Plan;
- The Director of the MOECC;
- The MOECC District Manager in each district in which the Project Location is situated; and,
- The Secretary of every company operating an oil or natural gas pipeline, if a pipeline right of way for the pipeline is located within 200 metres of the Project Location.

The Project Location does not fall within the area of the Niagara Escarpment Plan and is not situated in unorganized territory. Therefore, consultation did not take place within the Niagara Escarpment Commission or Local Road, Services or Planning Boards. The Project Location is within 200 metres of an oil or natural gas pipeline, or pipeline right-of-way (an Imperial Oil Limited (IOL) pipeline corridor). Notices were sent to the Secretary of IOL, and, since Project commencement, Nanticoke Solar LP has been regularly consulting on an ongoing basis with this stakeholder.

To augment consultation beyond the requirements of the Regulation, the *Technical Guide to Renewable Energy Approvals* (Chapter 2), recommends consulting with other members of the public who may have an interest in the Project. These could include landowners in the vicinity of the Project Location, local interest groups, businesses and others who may be affected by the Project. It is also recommended that the proponent provide notification to and consult with relevant agencies and local conservation authorities. The Ministry of Natural Resources and Forestry (MNRF), Ministry of Tourism, Culture and Sport (MTCS) and the Long Point Region Conservation Authority (LPRCA) were consulted as part of this Project, as well as the local municipality, Haldimand County. Members of the public and/or local community groups who expressed an interest in the Project were added to the project contact list so they could be kept informed throughout the process.

4.2 Consultation Objectives

The design and implementation of an appropriately directed and effective community engagement and consultation program plays a pivotal role in ensuring that a Project receives all requisite environmental approvals. Consultation undertaken for this Project must meet the consultation requirements for the REA and it is a critical component of the REA process. Consultation which has taken place to date in respect of this Project, and OPG's past practices with respect to consultation, are consistent with best practices, approaches and techniques.

The objectives of community engagement and consultation are to:

- encourage early information sharing by all participants;
- identify public support or concerns in regard to the Project;
- promote transparency and accountability in government decision making;
- improve the Project by incorporating community knowledge, Aboriginal traditional knowledge, and public ideas and opinions where appropriate;
- identify and share various viewpoints on the Project;
- contribute to the conservation and enhancement of the environment by supporting development that is environmentally and economically sustainable; and,

- provide opportunities for the public to influence the planning of the Project and its design before irrevocable decisions are made.

Consultation involves a bilateral exchange of information between renewable energy project applicants and interested or potentially affected local groups, Aboriginal communities, members of the public as well as local municipalities, agencies, and other interested parties. Consultation aids in ensuring that any concerns are identified early and, where possible, addressed as the Project progresses. Consultation and community engagement also enables applicants to obtain and use local knowledge in their project designs and plans, and in the assessment of any potential negative environmental effects.

The goals of the Project consultation process were:

- to ensure that relevant information about the renewable energy project proposed to be developed is provided to the relevant Aboriginal communities, members of the public and municipalities;
- to obtain/identify relevant information and local knowledge from the community, the municipality, and Aboriginal communities;
- to identify concerns that may arise from the proposed Project; and,
- to address concerns by providing additional information, explanations, changing Project design, or making commitments in response to input received.

4.3 Summary of Consultation Activities to Date

Consultation activities prescribed by Ontario Regulation 359/09 were completed by Nanticoke Solar LP and are summarized in Table 1, which provides the type of activity, dates on which the activity took place, and a description of the activity conducted. Information in Table 1 is referenced in Sections 5 to 8 of this report. Detailed correspondence from stakeholders is not included in the table but is summarized in the subsequent sections and in the appendices.

Consultation Report

Table 1 – Ontario Regulation 359/09 Prescribed Consultation Activities to Date

Activity	Date / Timing	Description
Advertising in local newspapers	April 30, 2015	Combined First <i>Notice of a Proposal to Engage in a Renewable Energy Project and Notice of First Public Meeting</i> was published in the <i>Grand River Sachem</i> . ¹
	May 7, 2015	Combined Second <i>Notice of a Proposal to Engage in a Renewable Energy Project and Notice of First Public Meeting</i> was published in the <i>Grand River Sachem</i> . ²
	August 11, 2015	Notice of Public Community Meeting published in the <i>Simcoe Reformer</i> for additional public meeting.
	August 12, 2015	Notice of Public Community Meeting published in the <i>Haldimand Press</i> for additional public meeting.
	November 24, 2016	Combined First <i>Notice of Draft REA Documents Release and First Notice of Second Public Meeting</i> was published in the following newspapers: -Haldimand Press -Grand River Sachem
	December 1, 2016	Combined Second <i>Notice of Draft REA Documents Release and First Notice of Second Public Meeting</i> was published in the following newspapers: -Haldimand Press -Grand River Sachem
	January 26, 2016	<i>Reminder Notice of Second Public Meeting and Reminder Notice of Draft REA Documents Release</i> was published in the following newspapers: -Haldimand Press -Grand River Sachem
Landowner Mailouts	May 11, 2015	Letter to adjacent landowners residing within 120 m of the Project Site, and nearby landowners, with combined <i>Notice of Proposal and Notice of First Public Meeting</i> , and Project fact sheet couriered.
Landowner Notice and Direct Discussion Regarding Second Public Meeting	Multiple	Hand-delivery of Notice of Final Public Meeting; Of those property owners within 120 m of the Project location who were not able to attend the Final Public Meeting, appointments were made to meet to present meeting materials and record comments. Met with three individuals face-to-face, and one via e-mail, due to being out of the country.
Document Releases to the Public	April 28, 2015	<i>Project Description Report (PDR)</i> made available in advance of the first public meeting in electronic format on the Project website, and placed on public display in hard copy at the first public meeting.
	November 24, 2016	Draft REA Documents – hard copies placed on public display at the Haldimand County Municipal Offices (Cayuga Administration Building and the Clerk's office), the Jarvis Public Library, and electronically on the Project website.
Public Meetings	June 3, 2015	First Public Meeting
	August 27, 2015	Additional Public Meeting
	February 2, 2017	Second (Final) Public Meeting
Aboriginal Correspondence ³	March 30, 2015	Introductory letter and Project fact sheet mailed to: <ul style="list-style-type: none"> • Six Nations of the Grand River • Mississaugas of the New Credit First Nation • Haudenosaunee Confederacy Council / Haudenosaunee Development Institute
	May 12, 2015	Electronic version of <i>Notice of Proposal and Notice of First Public Meeting</i> , and electronic version of the draft PDR was sent via e-mail to: <ul style="list-style-type: none"> • Six Nations of the Grand River • Mississaugas of the New Credit First Nation

¹ A first *Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement* was published in the *Haldimand Press* on May 6, 2015, as the first public meeting was held to meet the requirements of the REA process and LRP I process.

² A second *Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement* was published in the *Haldimand Press* on May 13, 2015, as the first public meeting was held to meet the requirements of the REA process and LRP I process.

³ All Aboriginal consultation activities are described in Table 1, Table 2, and in Section 6.0.

Consultation Report

Activity	Date / Timing	Description
		<ul style="list-style-type: none"> • Haudenosaunee Confederacy Council / Haudenosaunee Development Institute
	November 4, 2016	Status update e-mail and link to electronic copies sent; and hard copies of draft REA documents as well as a CD containing the documents couriered to: <ul style="list-style-type: none"> • Six Nations of the Grand River • Mississaugas of the New Credit First Nation • Haudenosaunee Confederacy Council / Haudenosaunee Development Institute
	November 23, 2016	E-mail sent containing project update information and <i>Notice of REA Documents Release and Notice of Second Public Meeting</i> to the above listed Aboriginal communities.
Municipal Correspondence ⁴	May 11, 2015	Project update letter with <i>Notice of a Proposal and Notice of First Public Meeting</i> , Project fact sheet, and draft PDR couriered.
	October 28, 2016	E-mail sent containing link to electronic draft REA Documents and request that the documents be made available in the office for public viewing.
	November 1, 2016	Draft REA hard copies couriered.
	November 23, 2016	E-mail sent containing the combined <i>Notice of Draft REA Documents Release and Notice of Second Public Meeting</i> .
Agency Correspondence ⁵ (MOECC Director and MOECC District Manager)	December 5, 2014	Draft PDR provided.
	May 13, 2015	<i>Notice of a Proposal and Notice of First Public Meeting</i> e-mailed.
	October 20, 2016	Discussed combining final public meeting advertisement with REA documents release, and advertisement requirements
	November 2, 2016	Discussed advertisement size with MOECC File Coordinator.
	January 18, 2017	Letter and combined <i>Notice of REA Documents Release and Notice of Second Public Meeting</i> sent via e-mail.
Project Website (www.nanticokesolar.com)	The website went live on April 28, 2015. The items listed in the "Description" column were posted to the website, as required.	<i>Notice of Proposal and Notice of First Public Meeting</i> (April 28, 2015); Draft Project Description Report (April 28, 2015); All draft REA reports and documents (November 21, 2016); Combined <i>Notice of Draft REA Documents Release and Second Public Meeting</i> (November 24, 2016) Project website to remain active during construction phase.

In addition to the prescribed activities in Ontario Regulation 359/09, Nanticoke Solar LP pursued other additional consultation activities. A summary of these activities are provided in Table 2.

⁴ All municipal consultation activities are described in Table 1, Table 2, and in Section 7.0.

⁵ All agency consultation activities are described in Table 1, Table 2, and in Section 8.0.

Consultation Report

Table 2 – Other Consultation Activities by Nanticoke Solar LP Beyond *Ontario Regulation 359/09*

Topic	Consultation Activities Carried Out
Project Notice	<p>An extra public notice was published as a reminder to the public regarding the second (final) public meeting, entitled, <i>Reminder Notice of Second Public Meeting and Reminder Notice of Draft REA Documents Release</i>. This notice appeared in the following newspapers on January 26, 2017:</p> <ul style="list-style-type: none"> • Grand River Sachem • Haldimand Press
Consultation with Aboriginal Communities ⁶	<p>Introductory meetings were held by Nanticoke Solar LP with Mississaugas of the New Credit and Six Nations of the Grand River on December 15, 2014. An introductory meeting was also held with Haudenosaunee Confederacy Council / Haudenosaunee Development Institute on December 16, 2014.</p> <p>Draft Project Description report sent to Mississaugas of the New Credit on April 20, 2015, in advance of setting up a meeting date to discuss the project further.</p> <p>Nanticoke Solar LP sent a communication via e-mail to Aboriginal communities on the MOECC list on May 21, 2015, to introduce them to the archaeological assessment process, the opportunity to work with archaeological monitors-</p> <p>Nanticoke Solar LP met with Haudenosaunee Confederacy Council / Haudenosaunee Development Institute on June 3, 2015 to provide a project overview.</p> <p>Nanticoke Solar LP met with Mississaugas of the New Credit on June 3, 2015 to provide a project overview.</p> <p>Nanticoke Solar LP met with Six Nations of the Grand River Consultation Committee on June 4, 2015 to provide a project overview.</p> <p>On March 18, 2016, Nanticoke Solar LP mailed letters to the three Aboriginal communities on the MOECC list to advise them that Nanticoke Solar was successful in its Large Renewable Procurement I bid, was subsequently awarded a contract, and was looking forward to continuing to work with them.</p> <p>Nanticoke Solar LP consulted on numerous occasions with all three Aboriginal communities on the MOECC list to facilitate the participation of archaeological monitors.</p> <p>Nanticoke Solar LP went to meet with Haudenosaunee Confederacy Council / Haudenosaunee Development Institute on July 5, 2016. However, they declined to discuss the Project at that time. The Nanticoke Solar team left hard copies of the Power Point Presentation with Aaron Detlor.</p> <p>Nanticoke Solar LP met with Six Nations of the Grand River Consultation Committee on July 12, 2016 to provide a project overview, details on the REA process, and updates on field studies.</p> <p>Nanticoke Solar LP met with the Mississaugas of the New Credit on July 20, 2016 to provide a project overview, details on the REA process, and updates on field studies.</p> <p>An electronic version of the revised draft Acoustic Assessment Report was sent via e-mail on November 23, 2016, to each of the three aboriginal communities. The revised report included additional noise scenarios considered at the request of the MOECC.</p>

⁶ A log of consultation activities with Aboriginal communities is available under separate cover, and has been provided confidentially to the MOECC.

Consultation Report

Topic	Consultation Activities Carried Out
	<p>Nanticoke Solar LP was invited to attend a community barbeque by Mississaugas of New Credit on September 28, 2016. Nanticoke Solar LP attended the event and provided information regarding the project. As well, the team brought a solar panel to the event, for display and informative purposes.</p> <p>Nanticoke Solar LP met with Mississaugas of the New Credit to provide an updated project overview and REA and to review the REA document on January 23, 2017.</p>
Consultation with Municipalities	<p>Nanticoke Solar LPs consulted with Haldimand County Mayor, Council as well as staff, commencing in early 2015, and will continue during pre-construction, construction and operations phases.</p> <p>For example:</p> <ul style="list-style-type: none"> • On January 16, 2015, Nanticoke Solar LP met with the Mayor and CAO to introduce the Project as well as to discuss Official Plan Land Use designation of the Project Location. • A Project overview and update was provided to Council on August 17, 2015, August 25, 2015, and August 27, 2015. • Nanticoke Solar LP made a presentation to Haldimand County providing a project overview, details on the REA process, updates, field results, and a discussion regarding traffic, on September 28, 2016. • Arcadis provided letters to Haldimand County accompanied by a second set of hard copies of the Draft REA documents which were to be made available for public viewing on November 17, 2016. • An electronic version of the revised draft Acoustic Assessment Report and covering letter were sent via e-mail on November 15, 2016. The revised report included additional noise scenarios considered at the request of the MOECC. • Nanticoke Solar LP met with the Haldimand Mayor and Council in Chambers on January 17, 2017 to provide the municipality with a Project update, and the results of all field studies.
Public Consultation – Additional Public Meeting	Nanticoke Solar LP held an additional public meeting on August 27, 2015.
Consultation with Local Interest Groups	Nanticoke Solar LP consulted with the Haldimand Federation of Agriculture, Haldimand Stewardship Council, and the Nanticoke Generating Station Community Liaison Panel, as well as members of other local interest groups, throughout the REA process. More details are outlined in Section 5.5.

Based on comments received from members of the public, Aboriginal communities, Haldimand County, and/or any other agencies, there were requests to alter or modify the proposal to engage in the Project. These are identified in subsequent sections of this report.

5.0 PUBLIC CONSULTATION

Sections 15 and 16 of Ontario Regulation 359/09 describe mandatory public consultation activities required to complete the REA. The following outlines the consultation activities undertaken by Nanticoke Solar LP to provide members of the public with details of the proposed Project as well as to solicit their feedback and input. Where public input included requests to make modifications and/or influenced the Project, details are provided. Public correspondence can be made available on request.

The comment/response table is provided in Appendix A-3.

5.1 Identification of Landowners

The landowner consultation list was created to include landowners of properties situated within 120 metres of the Project Location. Five (5) landowners were identified as meeting this criterion. The list was developed through information in the Ontario land registry online system via GeoWarehouse, and by the Ontario Power Generation Real Estate team.

Landowners were notified of Project commencement and public meetings via mail, courier or hand-delivery; and for the final meeting, the proponent contacted and arranged appointments to meet face-to-face with the landowners within 120 m of the Project Location, and who were not in attendance at the meeting. Appointments with three property owners within 120 m of the Project Location were arranged. One additional owner was out of the country at the time, and materials from the final meeting were sent to them via e-mail, for review and comment. Nanticoke Solar LP will proceed to follow-up with this landowner upon their return. Should any material issues be raised in the future that would require changes to the Project, the proponent will advise MOECC.

Additionally, during consultation with nearby landowners located within 120 m of the Project Location, some landowners expressed support for the proposed Project in letters addressed to the proponent. Support was obtained during the LRP I process.

5.2 Notification

Ontario Regulation 359/09 includes a requirement for the publication and distribution of public notices to inform the public of proposed renewable energy projects and meetings. Notices, prepared and distributed in accordance with Ontario Regulation 359/09, were published in newspapers with general circulation in the Project vicinity.

The first public notice for the Project, the *Notice of a Proposal to Engage in a Renewable Energy Project and Notice of First Public Meeting*, was published in the *Grand River Sachem* on April 30, 2015 and subsequently on May 7, 2015. Additionally, a first *Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement* was published in the *Haldimand Press* on May 6, 2015 and in on May 13, 2015, as the first public meeting was held to meet the requirements of the REA process and LRP I process. Notices for an additional public meeting were published on August 11, 2015 in the *Simcoe Reformer* and August 12, 2015 in the *Haldimand Press*. The final public notice for the Project, the *Notice of Draft REA Documents Release and First Notice of Second Public Meeting*, was published in the *Haldimand Press* and *Grand River Sachem* on November 24, 2016 and December 1, 2016. As a courtesy, a reminder notice, the *Reminder Notice of Second Public Meeting and Reminder Notice of Draft REA*

Documents Release was published in the same two newspapers closer to the final public meeting date, on January 26, 2016.

For the first notification, the *Notice of a Proposal* was combined with the *Notice of Public Meeting*, and for the final notice, the *Notice of Draft REA Documents Release* was combined with the *Notice of Second Public Meeting* (as allowed by Subsection 15(4) of the Regulation). A list of notices and their publication dates is provided in Table 2. Copies of all notices were posted on the website either on the date of newspaper publication, or shortly thereafter. Copies of notices can be found in Appendix A-2.

Landowners were notified of Project commencement and public meetings via mail, courier or hand-delivery.

5.3 Release of Documents

In advance of the First Public Meeting on June 3, 2015, a draft Project Description Report (PDR) was prepared and provided for public review in accordance with Subsection 15(2) of Ontario Regulation 359/09, on the project website: www.nanticokesolar.com. A hard copy of the PDR was also available for public viewing at the first public meeting. Note that the availability of the PDR was provided in the Notice of Proposal and First Public Meeting.

Prior to the Second Public Meeting on February 2, 2017, all draft REA documents were made available for public review in accordance with Subsection 16(5), at the following locations:

- Haldimand County Municipal Offices, Cayuga Administration Building;
- The Haldimand County Clerk's office;
- Jarvis Public Library; and,
- Project Website: www.nanticokesolar.com.

Details associated with the availability of these documents was provided in the combined *Notice of Draft REA and First Notice of Second Public Meeting* published in the two local newspapers on November 24, 2016 and December 1, 2016. In addition, the same information was provided in the *Reminder Notice of Second Public Meeting and Reminder Notice of Draft REA Documents Release* which was advertised in the same two newspapers on January 26, 2017. Paper copies of the draft REA reports were provided to the following individuals:

- Haldimand County Clerk on October 28, 2016 (at least 90 days in advance of the final public meeting);
- Municipal staff on October 28, 2016 (at least 90 days in advance of the final public meeting);
- Three local Aboriginal communities indicated in the list provided by the MOECC on November 4, 2016 (at least 60 days in advance of the final public meeting); and,
- Placed on display for viewing by the public on November 24, 2016 (at least 60 days in advance of the final public meeting).

With the exception of this Consultation Report and the Groundwater Monitoring Program Report, all draft documents to be submitted in the final application to the MOECC were made available to the public.

5.4 Public Meetings

Two public meetings were held to meet the requirements of the REA. These meetings are an effective method of providing project information to the public while simultaneously collecting input, feedback and information from neighbours, stakeholders and collaborating with the public in a face-to-face setting.

First Public Meeting

The first public meeting was held on June 3, 2015 at the Nanticoke Community Hall from 3:30 pm until 8:00 pm. The meeting was attended by thirty-one (31) members of the public and all but one of the attendees registered by signing the sign-in sheet upon entering the meeting. Participants included members of the community, Haldimand County, and Norfolk County.

The first public meeting was held for the proposed Nanticoke Solar Project with the following objectives:

- to introduce the proposed Project and the proponent;
- to introduce the community to the REA process; and,
- to provide stakeholders and the local community with an opportunity to have meaningful input on the proposed Project and allow Nanticoke Solar LP to address public concerns where possible and feasible.

The meeting was held in a “trade fair” format. Fourteen (14) informational poster boards were on display which introduced the Project, and provided an overview of the proponent, the proposed Project, the REA process, proposed project location, project timeline and schedule. Project team representatives of Nanticoke Solar LP and Arcadis Canada were in attendance and available to address any comments, questions, or inquiries. A copy of the poster boards was posted to the project website after the meeting, and panel content is also located in Appendix B-1. Paper copies of the poster boards were also made available in handout form for all meeting attendees.

Copies of informational materials were made available for public viewing at the meeting, such as a project fact sheet, notices of public community meeting, and copies of OPG literature including the Community and Aboriginal Engagement Plans for the proposed Nanticoke Solar Project and the PDR. Attendees also had the option to fill in a comment sheet. A total of eight (8) comment sheets were received, with all eight individuals requesting that Project personnel provide follow-up information or address questions by signing their name and providing address details. A personalized response was provided to each individual at a later date. All response letters are provided in Appendix B-4. Sample comment sheets are also available in Appendix B-1. Note that Nanticoke Solar LP contacted the MOECC on February 9, 2017 to discuss the inclusion of completed comment sheets in this report, and it was agreed that they will be made available to the MOECC upon request. Topics and comments raised are included in this section, below, and in the Appendix A-3 public comment/response table.

The overall tone of the meeting was generally neutral to positive, with some questions raised. The main topics discussed were:

- effects due to construction;
- closure of the Nanticoke GS coal plant, and future use;
- employment opportunities;
- environmental effects;
- Project location; and,
- use of farmland.

Additionally, a *Public Community Meeting Summary Report* which provided a general summary and overview of the first meeting and which was required as a component of the LRP I process was written, further to the first public meeting, and was subsequently posted to the Project website. This Consultation Report has included and built on information from the *Public Community Meeting Summary Report*. A copy of the report is also available in Appendix B-1.

Second Public Meeting

The second public meeting was held on February 2, 2017 at the Nanticoke Community Hall from 3:30 pm until 8:00 pm. The meeting was attended by thirty-four (34) members of the public and all but one of the attendees registered by signing the sign-in sheet upon entering the meeting. Participants were mostly comprised of members of the local community.

The second public meeting was held with the following objectives:

- allow the public to understand how solar photovoltaic (PV) systems work;
- provide an overview of the Renewable Energy Approval (REA) process;
- allow the public to understand the proposed project; and,
- provide an overview and summary of the studies which have been undertaken and the major findings.

The meeting was held in a “trade fair” format. Twenty-six (26) informational poster boards were on display which introduced the Project, and provided an opportunity to meet with Project team members as well as the ability to view hard copies of the draft REA documents. The poster boards provided summaries of the details of the REA reports, results of field studies, Project timeline and schedule, and an emphasis on mitigation measures of environmental effects for the various phases of the Project. In addition, there was a solar panel on display at the meeting, for informative purposes. A copy of the poster boards was posted to the project website after the meeting, and panel content is also located in Appendix B-3. Paper copies of the poster boards were also made available in handout form for all meeting attendees.

Copies of informational materials were made available for public viewing at the meeting, such as a project fact sheet and draft REA documents. A total of seven (7) comment sheets were received at the meeting and one e-mail from a participant was received during the evening of February 2, 2017, following the public meeting. Nanticoke Solar LP responded via e-mail to the e-mail inquiry, and no further action is required. The Project team is currently in the process of following up with those who raised questions in their comment sheets.

The overall tone of the meeting was generally neutral to positive, with some questions raised. The main topics discussed were:

- Project timeline and life span;
- Project cost;
- procurement and construction scheduling;
- employment opportunities;
- decommissioning plans;
- environmental effects and mitigation measures; and,
- noise and dust effects due to construction and control measures.

Additional Public Meeting

An additional public meeting was held on August 27, 2015 at the Nanticoke Community Hall from 4:00 pm until 6:30 pm. The meeting was attended by ten (10) members of the public and all but one of the attendees registered by signing the sign-in sheet upon entering the meeting. Participants were mostly comprised of members of the local community.

The additional public meeting was held with the following objectives:

- to provide an overview of and review the proposed solar Project;
- to introduce the community to Nanticoke Solar LP (partnership between OPG and SunEdison);
- review the LRP I process;
- to provide the community with the opportunity to share their interests, concerns, input, questions, and ideas with respect to the Project; and,
- to understand the questions, concerns and expectations of stakeholders.

The meeting was held in a “trade fair” format. Nine (9) informational poster boards were on display which provided a review of the proposed Project, an overview of the individual Nanticoke Solar LP partners, a review of the IESO LRP I process, site considerations information, project timeline and schedule. Project team members were available to address any comments, questions, or inquiries. A copy of the poster boards was posted to the project website after the meeting, and panel content is also located in Appendix B-2. Paper copies of the poster boards were also made available in handout form for all meeting attendees.

Copies of informational materials were made available for public viewing at the meeting, such as a project fact sheet, the notice of public community meeting, and copies of literature including the Community and Aboriginal Engagement Plans for the proposed Project. A total of three (3) comment sheets were received, and for those who requested it, a response to the recorded comments was provided by the proponent.

The overall tone of the meeting was generally neutral to positive, with some questions raised. The main topics discussed were:

- closure of the Nanticoke GS coal plant, and future use;
- employment opportunities;
- environmental effects due to construction, operations, and long term effects; and,
- use of farmland.

Additionally, a *Second Public Community Meeting Summary Report* which provided a general summary and overview of the meeting and which was required as a component of the LRP I process was written, further to the additional public meeting, and was subsequently posted to the Project website. This Consultation Report has included and built on information from the *Second Public Community Meeting Summary Report*. A copy of the report is also available in Appendix B-2.

All comments from the public meetings, including those that were voiced verbally and those that were recorded in comment sheets, were incorporated into the public comment/response table located in Appendix A-3.

Copies of all display poster boards and examples of comment sheets from both public meetings are available in Appendix B.

5.5 Interest Groups

Nanticoke Solar LP consulted with the following interest groups during the Project planning process:

- Representatives of the Haldimand Federation of Agriculture;
- Representatives of the Haldimand Stewardship Council; and,
- Representatives of Nanticoke Generating Station (GS) Community Liaison Panel.

On April 25, 2015, Nanticoke Solar LP was invited as a guest and attended the Nanticoke GS Community Liaison Panel Meeting at the OPG Generating Station in order to introduce the proposed Project. The Community Liaison Panel was an existing OPG panel that had been originally created by Nanticoke GS, and held meetings on an ongoing basis. The panel consisted of different stakeholders representing various interest groups within the local community, including:

- Peacock Point Association;
- Nanticoke Village;
- Six Nations EcoCentre;
- Hagersville and District Chamber of Commerce;
- Habitat Haldimand;
- Haldimand Stewardship Council;
- Jarvis Village;
- Ontario Federation of Agriculture;
- Simcoe and District Chamber of Commerce;
- Hickory Beach Cottagers Association; and,
- Haldimand County.

By way of engaging the panel, the proponent was able to consult with various interest group representatives within the local community.

Project team members spoke with members of the Haldimand Federation of Agriculture at various formal and informal meetings such as a Community Liaison Panel meeting, the various public meetings and a meeting with the Haldimand Stewardship Council.

A meeting with the Haldimand Stewardship Council took place when Nanticoke Solar LP gave a presentation on January 23, 2017, to provide an overview of the Project, information on the proponent, information on the REA process, the results of the field studies and contents of the draft REA documents. This presentation is available in Appendix B-5.

5.6 Summary of Communications Received

In total, eighteen (18) comment sheets, approximately 150 e-mails, 10 letters and 10 phone messages were received from members of the public from Project commencement until the date of submission of this report to the MOECC in February 2017.

Responses to all comments received have been summarized in the comment/response table in Appendix A-3.

5.7 Modifications to the Project Proposal or Draft Documents

Some modifications were made to the Project, and some draft documents, based on consultation, as follows:

- Based on comments received from nearby landowners, Nanticoke Solar LP is planning to leave a strip of land at least 5 metres wide, along the entire eastern property boundary of the Project site, unfenced and unencumbered;
- Alterations to traffic flow during the Project construction phase by redirecting the flow of construction traffic from South Coast Drive, and confine construction traffic to main arterial roads;
- Modifications were made to the Project site plan throughout the planning process, based on public comments and feedback;
- Modifications were made to the Construction Plan report to include additional dust prevention measures, as a result of feedback received at the first public meeting;
- Modifications to the Project will be made to address nearby landowner comments expressing concern over visual impact, by the addition of selective vegetative visual barriers;
- Modifications that will be made, relevant to the construction phase of the Project include:
 - Litter avoidance and appropriate clean-up procedures will be added as a component of the Environmental Management Plan required by the general contractor for the construction phase of the project; and,
 - Full-time (24/7) security personnel will be stationed at the property throughout construction. During construction, security cameras will be installed to allow for a complete view of the interior fences of the facility, which will remain in operation throughout the term.
- Considerations to ensure that the stormwater management plan will make certain that flow rate and water quality from the Project location lands will be maintained at roughly pre-construction levels or better, and thus will ensure that flooded areas will not be larger than current conditions; and,
- Modifications to the Project will be made to address public and nearby landowner comments regarding visual impact by relocation small sections of the solar arrays.

6.0 ABORIGINAL CONSULTATION

Consultation with Aboriginal communities is a fundamental aspect of Nanticoke Solar LP's consultation program. All Aboriginal consultation activities have met the requirements of Section 17 of Ontario Regulation 359/09, and were undertaken in accordance with the MOECC's *Aboriginal Consultation Guide for Preparing a Renewable Energy Approval (REA) Application* (2013). Accordingly, relevant Aboriginal communities that were identified by the MOECC for this Project were consulted throughout all stages of the Project, from commencement until submission of this report to the MOECC in February 2017. Nanticoke Solar will continue to communicate with the relevant Aboriginal communities during construction and operation phases.

The following describes the consultation activities undertaken by Nanticoke Solar LP to consult with local Aboriginal communities regarding the proposed Project and to solicit their feedback and input, especially as it relates to potentially affected Aboriginal or treaty rights. All correspondence sent by Nanticoke Solar LP to Aboriginal communities is provided in Appendix C. However, MOECC correspondence relating to Aboriginal consultation is provided in Appendix E. These are also discussed below.

6.1 Aboriginal Contact List Provided by MOECC

The MOECC REA File Coordinator who was assigned to Nanticoke Solar LP was contacted via telephone and e-mail shortly after Arcadis Canada, the environmental consultant, was hired, in order to introduce them to the Project and arrange for a regulatory kick-off meeting by submitting a formal Pre-Submission Consultation Request form.

The Director of Environmental Approvals Access and Services Integration Branch at the MOECC responded on March 6, 2015 with a list of Aboriginal communities for consultation, which consisted of the following three groups:

- Six Nations of the Grand River;
- Haudenosaunee Confederacy Council; and,
- Mississaugas of the New Credit First Nation.

6.2 Notification, Requests for Information and Release of Documents

Copies of the notices and documents listed in Table 2 were sent to the three Aboriginal communities, as stipulated in Sections 15 and 17 of Ontario Regulation 359/09.

Nanticoke Solar LP approached all Aboriginal communities in the early phases of Project planning, and has been consulting with them on an ongoing and regular basis. The Project team is in regular contact with consultation leads for all three communities. In accordance with subsection 17(1) of the Regulation, requests were made by Nanticoke Solar in face-to-face meetings, correspondence and phone conversations regarding information that should be considered in the planning of the Project, and in particular, any information that the community would have regarding potential adverse impacts of the Project on Aboriginal or treaty rights, as well as recommendations for measures to mitigate adverse impacts. Discussions were also held regarding knowledge that the communities may have regarding potential negative environmental impacts or impacts on the community, and how these could be avoided, minimized, and/or mitigated.

Follow up phone calls were made to each Aboriginal community after the courier of the PDR and the draft REA documents, to confirm receipt of the documents and inquire if there were questions. No questions were received. Offers to meet to review the draft reports were also made. Six Nations of the Grand River indicated that they were undertaking their review and did not arrange for the Nanticoke Solar team to meet with them at that time. Mississaugas of the New Credit agreed to meet on January 23, 2017 to review the draft REA documents. Questions were answered at the meeting and there were no outstanding questions posed. The Haudenosaunee Confederacy Council / Haudenosaunee Development Institute sent correspondence to Nanticoke Solar LP requesting funding through their application process, among other items. Nanticoke Solar completed the application form and indicated that they would provide financial support, up to a stipulated amount, to assist HCC/HDI to review the REA documents. No further correspondence or contact has been received since.

The Six Nations Development Corporation, a partner (part owner) of Nanticoke Solar LP, is planning to hold a meeting with the Six Nations community, in the near future. Display boards which were displayed at the final public meeting have been provided to Six Nations Development Corporation to assist at this meeting. As well, the team Project Manager and the environmental lead will attend if requested to answer questions.

Members of Six Nations of the Grand River attended the final public meeting, and registered on the sign-in sheet. No formal comment sheet was filled out by members of this Aboriginal community at the meeting.

6.3 Additional Consultation Activities

On December 15, 2014, meetings were held with representatives of the Mississaugas of the New Credit and Six Nations of the Grand River to introduce them to the proposed Project. An introductory meeting was also held with representatives of Six Nations of the Grand River on December 15, 2014. An introductory meeting was also held with Haudenosaunee Confederacy Council / Haudenosaunee Development Institute on December 16, 2014.

On June 3, 2015, meetings were held with representatives of the Haudenosaunee Confederacy Council / Haudenosaunee Development Institute and with representatives of the Mississaugas of the New Credit. While a meeting was also held with representatives of the Six Nations of the Grand River on June 4, 2015. The purpose of each meeting was to provide an overview of the Project, discuss field studies to be completed (including natural heritage, archaeology and cultural heritage), and to ensure consistent, open engagement with the communities throughout all project planning stages.

Nanticoke Solar LP met with the Haudenosaunee Confederacy Council / Haudenosaunee Development Institute on July 5, 2016. They declined to discuss the Project at that time. Nanticoke Solar LP left hard copies of the PowerPoint Presentation with Aaron Detlor. On July 12, 2016 a meeting was held with the Six Nations of the Grand River Consultation Committee while a meeting was held with representatives of the Mississaugas of the New Credit on July 20, 2016 to provide a Project overview, details on the REA process, and updates on field studies, including archaeological and cultural heritage updates. Information regarding archaeological monitor participation in the archaeological field work was also discussed.

Nanticoke Solar LP met with representatives of the Mississaugas of the New Credit on January 23, 2017 to review the draft REA documents. Nanticoke Solar LP also reiterated that tall grass prairie seeds will be provided to them, as discussed in August 2016, to be planted on currently existing reserve farmland when it is ploughed this year. Bird boxes will be provided to them in the spring of 2017, as well. At this meeting, the team also discussed the anticipated Stage 3 and 4 archaeological investigations slated to take place in 2017.

Nanticoke Solar LP provided opportunities for all three Aboriginal communities to provide one archaeological monitor who was invited to participate in archaeological field investigations with the professional archaeologist conducting the Stage 1 and 2 archaeological investigations. Six Nations of the Grand River, Haudenosaunee Confederacy Council / Haudenosaunee Development Institute and Mississaugas of the New Credit agreed to send one archaeology monitor for the May 2016 field campaign to undertake Stage 1 and 2 investigations on the East and West parcels. Similar offers to participate were made for the September 2016 campaign. Mississaugas of the New Credit provided a monitor for this work.

6.4 Summary of Communications

A summary log of consultation activities with Aboriginal communities is available under separate cover, and has been provided confidentially to the MOECC. Official correspondence is provided in Appendix C.

6.5 Modifications to the Project Proposal or Draft Documents

No modifications to the proposal to engage in the Project or the Project design were made as a result of the consultation with Aboriginal communities. Issues raised during the consultation activities were addressed directly with the First Nation, and agreements were reached, such as the provision of Bobolink habitat seed and bird boxes. As required under subsection 16 (5) of Ontario Regulation 359/09, copies of all draft documents were made available to Aboriginal communities more than 60 days prior to the final public meeting. The Mississaugas of the New Credit asked questions and received answers during the meeting. They provided favourable feedback with respect to the archaeology report, and the natural heritage and water body reports. Draft meeting notes were sent to them for their review. No additional comments were received after the meeting. Thus, no revisions were made to the documents as a result of consultation with Aboriginal communities.

A summary of consultation with Aboriginal communities is provided in Appendix C.

7.0 MUNICIPAL CONSULTATION

The local municipality has a perspective of project feasibility issues pertaining to local infrastructure and servicing. This section outlines consultation activities undertaken by the proponent with local municipality. All municipal correspondence can be located in Appendix D.

7.1 Notification and Release of Documents

As per the regulation, copies of notices listed in Table 2 were provided to Haldimand County as well as Norfolk County, as a means of informing the neighbouring single-tier municipality of the Project commencement. The majority of municipal consultation activities took place with the single-tier municipality in which the proposed Project is located, Haldimand County. Where required, notices sent to the County were combined with the required mailings for document releases and the Municipal Consultation Form.

7.2 Municipal Consultation Form

As required under Section 18 of the Regulation, a copy of the Municipal Consultation Form was provided to Haldimand County, as described in Table 2. The completed Municipal Consultation Form was received on January 27, 2017. The form and other correspondence with the municipality are provided in Appendix D.

The comments provided on the form included the following:

- Two of the County's roads will be impacted by the Project location by an increase in traffic, entrances, and one overhead hydro crossing on each road.
- A Road Use Agreement (RUA) is currently in development and will be executed, to govern the proposed road access. Thus, any issues raised will be resolved through the RUA and discussions with the County's Roads Operations and Engineering Services Divisions.
- A Traffic Management Plan will be required and is to be developed in consultation with the County's Roads Operations and Engineering Services Divisions.
- An Emergency Management Plan including safety protocols will have to be developed in consultation with the County's Emergency Services Division.
- Easements for road access and overhead hydro crossings and damage and repair caused by construction to the County's right of way will be governed by the RUA.
- The proponent shall obtain all required permits, all construction activity must follow the County's Noise By-law, and storm water management shall follow all recommendations in the "Storm Water Management Plan Report". Any changes to the plan shall be communicated to the County.

7.3 Public Meetings

Some Council members of Haldimand County and Norfolk County attended the first public meeting and one Haldimand County Council member attended the additional public meeting held a few months

following the first meeting. No formal comment sheets were completed by any of the attendees at the public meeting.

7.4 Summary of Communications

An initial introductory meeting with Haldimand County (Mayor and Council) took place in December 2014, to introduce the proposed Project to the County. Ongoing consultation has been taking place with representatives of the County and its staff throughout all planning stages. Written correspondence with the County is included in Appendix D. Municipal comments and responses are provided in the table in Appendix F.

A few consultation milestones in the form of face-to-face meetings with Haldimand County are described below.

Consultation with Mayor and Council took place as follows:

- Nanticoke Solar LP met with the County Mayor and CAO to introduce the project and discuss Project location official plan designation. Meetings were also held with Council on August 17, August 25, and August 27, 2015.
- A meeting was also held with the Haldimand Council in Chambers on January 17, 2017 where Nanticoke Solar LP made a presentation to provide the municipality with a Project update, and the results of all field studies.
- Consultation with municipal staff took place as follows:
 - Nanticoke Solar LP conducted a presentation to Haldimand County providing a project overview, details on the REA process, updates, field results, on September 28, 2016. At this meeting, Nanticoke Solar LP also met with municipal staff to discuss noise, storm water, and road use (traffic). The proponent will continue to work with municipal staff and civil engineers throughout the construction phase of the Project, continue to dialogue on road use and traffic.
- In addition to formal meetings, Nanticoke Solar staff is communicating regularly with County staff.

7.5 Modifications to the Project Proposal or Draft Documents

Modifications to the Project due to the anticipated effects of increased construction traffic were requested by the County. Alterations to traffic flow during the Project construction phase will be achieved by redirecting the flow of construction traffic from South Coast Drive, and confining construction traffic to main arterial roads.

8.0 AGENCY CONSULTATION

An integral component of the consultation process for proponents of renewable energy projects is the consultation with government and regulatory agencies (e.g., MOECC; other relevant ministries, conservation authorities). Details of the consultation activities undertaken with these stakeholders are outlined in this section. All written correspondence with agencies is provided in Appendix E. Agency comments and responses are located in Appendix F.

8.1 Notification

As per subsection 15(5) of the Regulation, copies of the required notices listed in Table 2 were provided to the MOECC District Manager (at the Hamilton District Office) and MOECC Director on the listed dates. Notification was also provided to the MOECC File Coordinator.

8.2 Consultation with the Ministry of the Environment and Climate Change (MOECC)

Nanticoke Solar LP began consultation with the MOECC on a continuous, ongoing basis, starting in November 2014. Consultation and communications with the MOECC REA File Coordinator were in the form of e-mails, telephone calls, and face-to-face meetings, as required.

Nanticoke Solar LP held an initial kick-off meeting on December 5, 2014, after submitting a Pre-Submission Consultation Meeting Request with the MOECC.

Another kick-off meeting was held with the MOECC on June 22, 2016, after Nanticoke Solar LP was awarded a LRP I contract. The focus of the meeting was to provide a status update to the MOECC and to confirm Nanticoke Solar's proposed plan and schedule for the REA work planned.

Nanticoke Solar LP also met with the MOECC to discuss methodologies and aspects of the noise study. In addition, a conference call took place on October 25, 2016 with the MOECC, Nanticoke Solar LP and Arcadis Canada regarding the acoustic assessment. The topic of the teleconference meeting pertained to the approach and scenarios that had been used in the assessment. Additional scenarios were recommended by the MOECC, and the proposed noise study approach was approved by the MOECC. The report was revised accordingly.

8.3 Consultation with the Ministry of Natural Resources and Forestry (MNRF)

An e-mail containing the Notice of a Proposal to Engage in a Renewable Energy Project and Notice of First Public Meeting was sent to representatives of the MNRF on May 13, 2015,

On March 2, 2015, the consultant conducting the natural heritage assessment for Nanticoke Solar LP consulted with the MNRF to obtain information regarding species at risk and natural heritage features.

A meeting was held between Nanticoke Solar LP, their environmental consultants conducting the natural heritage assessment, and the MNRF on July 15, 2016, at the Peterborough District offices. At this meeting, the Peterborough office outlined the areas of responsibility between the Guelph District office

and their office. The Nanticoke Solar team worked with both offices to complete various reports, as required.

The draft Natural Heritage Assessment (NHA) and Environmental Impact Study report was provided to the MNRF (both Peterborough and Guelph District offices) for review and comment on November 1, 2016. The comments received were incorporated into the relevant REA reports. A NHA confirmation letter was received from the MNRF on March 6, 2017. The MNRF Letter stated the following:

- The MNRF confirms that the determination of the existence of natural features and the boundaries of natural features was made using applicable evaluation criteria or procedures established or accepted by MNRF.
- The MNRF confirms that the site investigation and records review were conducted using applicable evaluation criteria or procedures established or accepted by MNRF, if no natural features were identified.
- The MNRF confirms that the evaluation of the significance or provincial significance of the natural features was conducted using applicable evaluation criteria or procedures established or accepted by MNRF.
- The MNRF confirms that the project location is not in a provincial park or conservation reserve.
- The MNRF confirms that the environmental impact study report has been prepared in accordance with procedures established by the MNRF.

8.4 Consultation with the Ministry of Tourism, Culture, and Sport (MTCS)

An e-mail containing the Notice of a Proposal to Engage in a Renewable Energy Project and Notice of First Public Meeting was sent to representatives of the MTCS on May 13, 2015,

Sections 19 to 23 of the Regulation outline that proponents are to consider potential impacts to protected properties, and archaeological and heritage resources, when planning their projects. Consultation with the Ministry of Tourism, Culture and Sport (MTCS) was undertaken for the Archaeological Assessment and full Cultural Heritage Assessment, as required.

A Stage 1 and 2 Archaeological Assessment (AA) was conducted in May 2016 on the East and West Parcel followed by a Stage 1 and 2 AA on the Central Parcel in September 2016. A draft Stage 1 and 2 and Archaeological Assessment Report was submitted to the MTCS for review and comment on November 1, 2016. A confirmation letter was received on January 26, 2017 from the MTCS which confirmed the review and entry of the report into the Ontario Public Register of Archaeological Reports. The letter also mentioned that the MTCS was satisfied that the report was prepared in accordance with MTCS guidelines.

A Heritage Assessment field work was completed for the Project between May and August of 2016. The assessment concluded that there are no protected properties and potential heritage resources located within the Project location. One potential cultural heritage resource was identified adjacent to the Project Location. This property is not designated under the *Ontario Heritage Act* or included as a non-designated property on the Municipal Heritage Register. A draft Cultural Heritage Assessment Report was submitted to the MTCS for review and comment on October 26, 2016. A comment letter was received from the MTCS on December 9, 2016 which provided comments and recommendations for inclusion in the report. Changes were made and a revised version was circulated to the MTCS on January 18, 2017. A

confirmation letter was received from the MTCS on February 6, 2017 which confirmed that the heritage assessment process and reporting are consistent with the applicable heritage assessment requirements established in Section 23 of the Regulation.

Copies of the above mentioned letters are provided in Appendix E.

8.5 Consultation with the Ontario Ministry of Transportation (MTO)

An e-mail containing the Notice of a Proposal to Engage in a Renewable Energy Project and Notice of First Public Meeting was sent to representatives of the MTO on May 13, 2015.

At the first public meeting, an MTO corridor management planner expressed interest in the proposed Project pertaining to effects to provincial roads. On September 23, 2016, e-mails were sent and received whereby it was clarified that there would be no impacts to provincial roads by the Project.

8.6 Consultation with Conservation Authorities

Section 5.1, Chapter 1 of the Guide indicates that proponents are encouraged to consult with local conservation authorities to determine if there are natural hazard lands in the vicinity of the Project Location, and to determine if any changes to the Project may be required. Details of consultation with the conservation authority having jurisdiction over the Project Location, the Long Point Region Conservation Authority (LPRCA) are discussed below.

On May 13, 2015, an email with the Combined Notice of a Proposal to Engage in a Renewable Energy Project and Notice of First Public Meeting was sent to the General Manager/Secretary Treasurer of the LPRCA.

Nanticoke Solar has consulted with the conservation authority on numerous occasions throughout the Project planning process, on both the natural heritage and stormwater management aspects of the Project. The consultant conducting the natural heritage assessment for Nanticoke Solar LP consulted with the LPRCA via e-mail regarding natural heritage features and mapping. A response was provided on November 24, 2016, and the information was incorporated into natural heritage mapping and the natural heritage report.

Telephone discussions and e-mail correspondence took place between Nanticoke Solar, their environmental consultants, and the LPRCA regarding the conceptual storm water management plan, from October 2016 until January 2017. A conference call took place on October 13, 2016 with the LPRCA, Nanticoke Solar LP and Arcadis Canada regarding flood plains. The Conceptual Stormwater Management Plan Report was subsequently finalized and later circulated via e-mail to the LPRCA on January 10, 2017 for review. On January 17, 2017, the conservation authority responded in writing that they had no objections to the proposed design.

More details pertaining to the consultation with the LPRCA are available in Appendix F.

8.7 Summary of Communications with Regulatory Agencies and Conservation Authority

Ongoing consultation has taken place with various provincial ministries and regulatory agencies, including the Long Point Region Conservation Authority, during the LRP I pre-bid phase and again once Nanticoke Solar LP was successful in its bid. Copies of written correspondence are included in Appendix E. LPRCA comments and responses are located in Appendix F.

8.8 Modifications to the Project Proposal or Draft Documents

Some modifications were made to the Project draft documents as a result of agency consultation:

- Additional noise scenarios were considered for the acoustic assessment, based on consultation with the MOECC. The draft Acoustic Assessment Report was revised accordingly to incorporate the changes.
- The draft Natural Heritage Assessment Report was modified in accordance with recommendations from the MNRF.
- The draft Design and Operations Plan Report was modified in accordance with recommendations from the MNRF.
- The draft Natural Heritage Assessment Report and Water Assessment and Water Body Report were modified in accordance with recommendations from the MOECC.
- Based on comments received from the MTCS, the draft Stage 1 and Stage 2 Archaeological Assessment Report was modified to incorporate Ministry recommendations.
- Based on comments received from the MTCS, the draft Cultural Heritage Report was modified to incorporate Ministry recommendations.

9.0 ONGOING CONSULTATION AND STAKEHOLDER ENGAGEMENT

Nanticoke Solar LP is committed to continue engagement of stakeholders and consultation with the local community and landowners into the following Project phases, as well as maintaining communication with interested stakeholders over the life cycle of the Project.

This section outlines ongoing future consultation and communication activities.

9.1 Ongoing Stakeholder Engagement

Nanticoke Solar LP welcomes open dialogue, public consultation, and stakeholder engagement activities through the entire Project life cycle. The project web site will be maintained to facilitate two way communications. Information will be circulated to stakeholders as needed. Additionally, during the construction and operation phases of the Project, a sign will be posted on site in an easily visible location which will include contact information, should the public have any comment, questions, or concerns.

In the near future, the following consultation activities are scheduled:

- final copies of REA documents will be posted on the Project website;
- notice announcing application to MOECC and posting on EBR will be circulated;
- continued consultation with Haldimand County regarding traffic, permitting, and the Environmental Management Plan;
- posting on the Project website when the MOECC review is complete and the OPA Notice to Proceed has been issued;
- notices announcing construction dates and milestones;
- ongoing engagement with public; and,
- continued consultation with the local Aboriginal communities, including maintaining personal correspondence to communicate major Project milestones and the availability to meet to discuss the Project, if requested.

9.2 Communication Methods, Records and Complaints Resolution Process

Correspondence received by Nanticoke Solar LP has been maintained in an electronic log. If correspondence is received after the final REA submission to the MOECC, and during the six-month review period, it will be recorded. If the correspondence necessitates a response, it will be provided in a timely manner and the response will be recorded.

Complaints and their subsequent resolutions, and other communications received during the construction, operations, maintenance and decommissioning phases will be recorded in an electronic log.

A record will be kept of all complaints, including the history of the complaint resolution process that was followed and all measures taken to mitigate the cause of the complaint. Where appropriate, steps will be taken to prevent reoccurrence of similar complaints in the future and this information will also be recorded.

10.0 OUTSTANDING CONCERNS

Based on the consultation activities described in this report, Nanticoke Solar LP has not identified any outstanding concerns related to the Project. Concerns have either been already considered or are currently in the process of consideration.

11.0 CONCLUSIONS

Nanticoke Solar LP's consultation program for the Project has met the requirements outlined by Ontario Regulation 359/09. The program has been centred on open dialogue with the general public, landowners, Aboriginal communities, Haldimand County, government and other regulatory agencies.

Via the circulation of notices, mailouts, a project website, public meetings, and other consultation activities, Nanticoke Solar LP has noted, listened to, and responded to stakeholder concerns in an open and transparent manner. Comments were resolved through consultation with the relevant stakeholders in addition to addressing comments in the REA reports. Nanticoke Solar LP prides itself in its commitment to continued communications and engagement with interested stakeholders.

Appendices

Appendix A: Mailing List, Notices and Comment/Response Table

Appendix A-1: Mailing List

Appendix A-2: Notices

Appendix A-3: Comment/Response Table

Appendix B: Public Meeting Materials and Public Consultation

Appendix B-1: Public Meeting #1

Appendix B-2: Additional Public Meeting

Appendix B-3: Public Meeting #2 (Final Public Meeting)

Appendix B-4: Public Response Letters

Appendix C: Aboriginal Correspondence

Appendix D: Municipal Correspondence

Appendix E: Agency Correspondence

Appendix F: Municipal, Conservation Authority, and Agency Comment/Response Table

Appendix A: Mailing List, Notices and Comment/Response Table

Appendix A-1: Mailing List

REA-Required Abutting/Adjacent Landowners and Other Interested Members of the Public: Mailing List

Organization	First Name	Last Name	Mailing Address	Postal Code
1426607 Ontario Inc.	Travis			
Hydro One Networks Inc.	Maria			
172965 Canada Ltd. (Imperial Oil Ltd.)	Richard			
172965 Canada Ltd. (Imperial Oil Ltd.)	Lara			
	Donald and David			
	Ian and Margaret			
	Jeffrey Wray			
	Elliot and Paul			
	Sean Grover			
	Nick and Rachel			
	James			
	Adam Tyler			
	Ronald and Karen			
	Maurice and Elizabeth			
	Ross and Michele			
	Ian and Maybelle			
	Donald and Stephanie			
	Aldo and Paola			
	George and Dorothy			
	Douglas and Jeffrey			
	Thomas and Deborah			
	Donald and David; and Carl			
	Keith and Paul			
	Uwe			
	Sonny			
	Stephanie			
	Aldo and Paola			
	Derek and Carolyn			
	Charlie			
	Jim			

REA-Required Abutting/Adjacent Landowners and Other Interested Members of the Public: Mailing List

Organization	First Name	Last Name	Mailing Address	Postal Code
	Grant			
	Joe			
	Doug			
	Jill			
	Dan			
	Chris			
	Donna and Myron			
	Kathleen			
	Zohrab			
	Uwe and Felix			
	Gary			
Oneida Baptist Camp	Oneida			
	Daryl			
	Grant			
	Ross			
	Sean			
	Leroy			
	Nicole			
	Betty			
	Frank			
	Bill			
	Kaitlin			
	Larry			
	MaryLou and Geoffrey			
	Gary			
	Deb and Ken			
	Frank			
	Gord			
	Jim and Gaye			
	Matt			
	Andrew			
	Peter and Hazel			

REA-Required Abutting/Adjacent Landowners and Other Interested Members of the Public: Mailing List

Organization	First Name	Last Name	Mailing Address	Postal Code
	Betty			
	Todd			
	John			
	Jenny			
	Bill			
	Nancy			
	Lucio			
	Tabitha			
	Jennifer			
	Don			
	Mike			
	Wade			
	Larry			
	Dan			
	Rocco			
	Pamela and John			
	Raymond			
	Darryl			
	Susan			
	Brant			
	Jason and Marg			
	Wilfred			
	Ivan			
	Ian			
	Anne			
	Matt			
	Alan and Linda			
Nanticoke GS Community Liaison Panel	Paul			
Nanticoke GS Community Liaison Panel	Nick			
Nanticoke GS Community Liaison Panel	Anne			
Nanticoke GS Community Liaison Panel	Wayne			
Nanticoke GS Community Liaison Panel	Nova			

Municipal Mailing List

Organization	First Name	Last Name	Title / Role	Mailing Address	Postal Code	Phone & Fax
Haldimand County	Don	Boyle	Chief Administrative Officer	PO Box 400 45 Munsee Street North Cayuga, ON	N0A 1E0	T: (905)318-5932 Ext. 6320
Haldimand County	Ken	Hewitt	Mayor	PO Box 400 45 Munsee Street North Cayuga, ON	N0A 1E0	T: (905)318-5932 Ext. 6101
Haldimand County	Evelyn	Eichenbaum	Clerk	PO Box 400 45 Munsee Street North Cayuga, ON	N0A 1E0	T: (905)318-5932 Ext. 6349
Haldimand County	Paul	Mungar	General Manager, Public Works Department	Cayuga Administration Building, 45 Munsee Street North, PO Box 400, Cayuga, ON,	N0A 1E0	T: 905-318-5932, Ext: 6318
Haldimand County	Craig	Manley	General Manager, Planning and Economic Development	Cayuga Administration Building, 45 Munsee Street North, PO Box 400, Cayuga, ON,	N0A 1E0	T: 905-318-5932, Ext: 6308
Norfolk County	Keith	Robicheau	County Manager	50 Colborne Street South Simcoe, ON	N3Y 4H3	T: (519)426-5870 Ext. 1225
Norfolk County	Charlie	Luke	Mayor	PO Box 545 50 Colborne Street South Simcoe, ON	N3Y 4N5	T: (519)426-5870 Ext. 1220
Norfolk County	Andy	Grozelle	Clerk/Manager of Council Services	PO Box 545 50 Colborne Street South Simcoe, ON	N3Y 4N5	T: (519)426-5870 Ext. 1228

Agency, Government, and Conservation Authority Mailing List

Organization	First Name	Last Name	Title / Role	Mailing Address	Postal Code	Phone & Fax
Canadian Environmental Assessment Agency	Anjala	Puvanananthan	Director, Ontario Region	55 St. Clair Avenue East, Suite 907 Toronto ON	M4T 1M2	T: (416) 952-1575
Environment Canada	Rob	Dobos	Manager Environmental Assessment Section Environmental Protection Operations Division - Ontario	Environment Canada P.O. Box 5050, 867 Lakeshore Rd. Burlington ON	L7R 4A6	T: (905) 336-4953 F: (905) 336-8901
Ministry of Aboriginal Affairs	David	Didluck	Assistant Deputy Minister (Acting), Aboriginal Relations and Ministry Partnerships Division	Ministry of Aboriginal Affairs 9th Floor, 160 Bloor Street East Toronto ON	M7A 2E6	T: (416) 325-4044 F: (416) 326-1066
Ministry of Natural Resources	Heather	Riddell	District Planner	Aylmer District Ministry of Natural Resources, Southern Region 615 John St. N Aylmer, ON	N5H 2S8	T: (519) 773-4757 F: (519) 773-9014
Ministry of Infrastructure	Andrew	Theoharis	Manager (A) Growth Policy Ontario Growth Secretariat	Ministry of Infrastructure 777 Bay Street, 4th Floor, Suite 425 Toronto ON	M5G 2E5	T: (416) 325-5794 F: (416) 325-740
Ministry of Tourism, Culture and Sport	Malcolm	Horne	Archaeology Review Officer Archaeology Programs Unit Programs and Services Branch, Culture Division	Ministry of Tourism, Culture and Sport Archaeology Programs Unit 401 Bay Street, Suite 1700	M7A 0A7	T: (416) 314-7146 F: (416) 314-7175
Ministry of Tourism, Culture and Sport	Robert	von Bitter	Archaeological Data Coordinator Archaeology Programs Unit Programs and Services Branch, Culture Division	Ministry of Tourism, Culture and Sport Archaeology Programs Unit 401 Bay Street, Suite 1700 Toronto ON	M7A 0A7	T: (416) 314-7161 F: (416) 314-7175
Ministry of Municipal Affairs and Housing	Michael	Elms	Manager	Community Planning and Development 8 Estate Lane, Rockwood House Kingston ON	K7M 9A8	T: (613) 545-2132 F: (613) 548-6822

Agency, Government, and Conservation Authority Mailing List

Organization	First Name	Last Name	Title / Role	Mailing Address	Postal Code	Phone & Fax
Ministry of the Environment and Climate Change	Sarah	Paul	Director, Approval Services	Environmental Approvals Access and Service Integration Branch 12A Flr 2 St Clair Ave W Toronto ON	M4V 1L5	T: 416-314-8171 F: 416-314-8452
Ministry of the Environment and Climate Change	Mili	New	Director	West Central Region, Hamilton Ellen Fairclough Building 12th Floor 119 King St W Hamilton, ON	L8P 4Y7	T: (905) 521-7652 F: (905) 521-7820
Ministry of the Environment and Climate Change	Michelle	Schlag	Senior Advisor, Aboriginal Energy Policy	77 Grenville Street Toronto, ON	M7A 1B3	T: 416-327-7158
Ministry of the Environment and Climate Change	John	Arciuch	Aboriginal Consultation Advisor	EAASIB - Aboriginal Consultation 135 St. Clair Ave. W., 1st Floor Toronto, ON	M4V 1P5	T: 416-326-9608
Ministry of Energy	Alan	Jenkins	Sr. Policy Specialist Energy Markets Energy Supply and Competition Branch	Ministry of Energy 880 Bay Street, 3rd Floor Toronto ON	M7A 2C1	T: (416) 325-6926 F: (416)-325-6972
Ministry of Energy	Hartley	Springman	Sr. Policy Advisor Strategic Policy Branch Regulatory Affairs & Strategic Policy Division	Ministry of Energy 2nd Floor, 880 Bay St. Toronto ON	M7A 2C1	T: (416) 327-7276 F: (416) 327-7204
Ministry of Agriculture, Food & Rural Affairs	Ray	Valaitis	Rural Planner Environmental & Land Use Policy Food Safety and Environmental Policy Branch	Ministry of Agriculture, Food & Rural Affairs RR #3, 95 Dundas Street, Brighton ON	OK 1H0	T: (613)475-4764 F: (613) 475-3835
Ministry of Transportation	Louis	Tay	Head, Corridor Management	Eastern Region, Ministry of Transportation, 347 Preston Street, 4th Floor, Ottawa, Ontario, K1S 3J4	K7L 5A3	T: 613 545-4865 F: 613-540-5106

Agency, Government, and Conservation Authority Mailing List

Organization	First Name	Last Name	Title / Role	Mailing Address	Postal Code	Phone & Fax
Ontario Provincial Police	-	-	-	OPP Haldimand County Detachment - Cayuga 72 Haldimand County Hwy 54 Haldimand, ON	N0A 1E0	T: 905-772-3322
Hydro One	Walter	Kloostr	Manager, Transmission Lines Sustainment Investment Planning	Hydro One Networks Inc. 483 Bay Street, North Tower, 15th Floor Toronto, ON	M5G 2P5	T: (416) 345-5114 F: (416) 345-5443
Ministry of the Environment and Climate Change	Vicki	Mitchell	Environmental Resource Planner and EA Coordinator, Technical Support Section	Ontario Ministry of the Environment and Climate Change PO Box 22032 Kingston, ON	K7M 8S5	T: 613-540-6852
Ministry of the Environment and Climate Change	Shareen	Han	Application Processor - Service Integration	Ontario Ministry of the Environment and Climate Change Environmental Approvals Access & Service Integration Branch 2 St. Clair Avenue West, Floor 12A Toronto, ON	M4V 1L5	T: (416) 314-0149 F: (416) 212-5938
Ministry of the Environment and Climate Change	William	Alvey	Acting Supervisor	Ontario Ministry of the Environment and Climate Change West Central Region Office 9th Floor 119 King St W Hamilton, ON	L8P 4Y7	T: 905-521-7301 F: 905-521-7181
Ministry of the Environment and Climate Change	Narren	Santos	Senior Program Support Coordinator, Service Integration, Environmental Approvals Access and Service Integration Branch	Floor 12A 2 St. Clair Avenue West Toronto, ON	M4V 1L5	T: 416-314-8442

Agency, Government, and Conservation Authority Mailing List

Organization	First Name	Last Name	Title / Role	Mailing Address	Postal Code	Phone & Fax
Long Point Region Conservation Authority	Cliff	Finley	General Manager/Secretary Treasurer	Long Point Conservation Authority Administration Office 4 Elm St Tillsonburg, ON	N4G 0C4	T: 519-842-4242
Long Point Region Conservation Authority	Bonnie	Bravener	Resource Technician	Long Point Conservation Authority Administration Office 4 Elm St Tillsonburg, ON	N4G 0C4	T: 519-842-4242
Legislative Assembly of Ontario	Toby	Barrett	Member of Provincial Parliament - Haldimand- Norfolk	39 Norfolk Street North Simcoe, ON	N3Y 3N6	T: 519-428-0446
House of Commons	Diane	Finley	Member of Parliament - Haldimand-Norfolk	76 Kent Street South Simcoe, ON	N3Y 2Y1	T: 519-426-3400

Aboriginal Mailing List

First Nation	First Name	Last Name	Title / Role	Mailing Address	Postal Code
Six Nations of the Grand River	Ava	Hill	Chief	PO Box 5000 Ohsweken, ON	NOA 1M0
Six Nations of the Grand River	Joanne	Thomas	Consultation Supervisor, Land Use Unit	2498 Chiefswood Road P. O. Box 5000. Ohsweken ON	NOA 1M0
Mississaugas of the New Credit First Nation	R. Stacey	LaForme	Chief	2789 Mississauga Road RR #6 Hagersville, ON	NOA 1H0
Mississaugas of the New Credit First Nation	Fawn	Sault	Consultation Manager	2789 Mississauga Road RR #6 Hagersville, ON	NOA 1H0
Haudenosaunee Confederacy Council	Hazel	Hill	Director	2634 6th Line RR #2 Ohsweken, ON	NOA 1M0
Haudenosaunee Confederacy Council	Jock	Hill	Secretary	2634 6th Line RR #2 Ohsweken, ON	NOA 1M0

Appendix A-2: Notices

NOTICE OF A PROPOSAL

by Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") to Engage in a Renewable Energy Project
and

NOTICE OF PUBLIC COMMUNITY MEETING

To be held by OPG regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar

Project Location: the Project involves the design, construction and operation of up to 50 MW Solar Energy Project in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Dated at Haldimand County this 30th of April 2015

Ontario Power Generation Inc. (OPG) is concurrently applying to obtain a Renewable Energy Approval (REA) and a contract under the IESO's Large Renewable Procurement (LRP) I Request for Proposal. OPG 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 the renewable energy project and the Project itself are subject to the provisions of the *Environmental Protection Act (EPA)* 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 and Climate Change.

Under the Renewable Energy Approval, a key component of the approval process is public consultation. The purpose of this Notice is to invite your participation in the approvals and the consultation process.

Meeting Location:

Public Community Meeting #1:

Date: Wednesday June 3, 2015

Time: 3:30 p.m. to 8:00 p.m.

Place: Nanticoke Community Hall 38 Rainham Road, Nanticoke, ON N0A 1L0

Project Description:

Pursuant to the Act and Regulation, this is a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 50 MW. The project location is described in the map on the right.

Documents for Public Inspection:

The Project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled *Draft Project Description Report Ontario Power Generation Nanticoke Solar* describes the facility as a ground mounted solar photovoltaic (PV) panel facility with the cumulative capacity to generate up to 50 MW power. A written copy of the Draft Project Description Report is being made available for public inspection at the public community meeting and will also be made available at www.nanticokesolar.com.

The Process:

The Renewable Energy Approval process includes public, aboriginal, municipal and review agency consultation, assessment of the potential effects of the proposed project and identification of measures to mitigate any potential adverse effects. Public input is encouraged throughout the Renewable Energy Approval process. Input will be facilitated through two rounds of public community meetings and the Project website. The first public community meeting is being held, as noted above, to provide a general overview of the Project and the Renewable Energy Approval process, and to seek public input. We invite the public to attend the meeting so that we can answer your questions and receive your feedback.

Project Contacts and Information:

To learn more about the Project, public community meetings, or to communicate concerns please contact:

Name: Svetlana Helc

Title: Project Manager, Corporate Business Development

Address: 700 University Avenue H18 E22 Toronto, ON M5G 1X6

Telephone: (416) 592-6658

Fax: (416) 592-3489

Name: Gillian MacLeod

Title: Senior Environmental Advisor

Address: 700 University Avenue H18 D16 Toronto, ON M5G 1X6

Telephone: (416) 592-3481

Fax: (416) 592-3489

Project Email: info@nanticokesolar.com

Project Website: www.nanticokesolar.com

Project Location:



ONTARIOPOWER
GENERATION

opg.com

Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement

The proponent identified below is proposing to submit a proposal to the Independent Electricity System Operator (IESO) to design, build, and operate a Large Renewable Project for the generation of electricity under the IESO's Large Renewable Procurement (LRP).

The LRP is a competitive process for procuring large renewable energy projects generally larger than 500 kilowatts. At the conclusion of the LRP, the IESO may award contracts for successful projects up to the specified procurement targets for each renewable fuel: 300 megawatts (MW) for wind, 140 MW for solar, 75 MW for waterpower, and 50 MW for bioenergy.

This notice is being distributed to notify members of the public of a public community meeting that has been scheduled to discuss the Large Renewable Project proposal. Information regarding the proponent, the Large Renewable Project proposal, and the meeting details are described below.

This public community meeting is being held as part of the early community engagement requirements of the LRP. The public community meeting will present details about the Large Renewable Project and its proposed connection line. Representatives of the proponent will be available to discuss the Large Renewable Project and the overall LRP process. Should this Large Renewable Project be awarded a contract, the Large Renewable Project would need to obtain all required permits and approvals and conduct any further required community engagement activities.

Further details regarding the LRP are available at www.ieso.ca/lrp.

Proponent and the Large Renewable Project proposal

Proponent:	Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent")
Qualified Applicant from the LRP Request for Qualifications stage associated with the proponent:	Same as above
Name of the Large Renewable Project proposal:	Nanticoke Solar
Renewable fuel of the Large Renewable Project:	Groundmount Solar
Proposed capacity of the Large Renewable Project (MW):	50 MW
Proposed connection point of the Large Renewable Project:	On-site connection to existing overhead transmission lines leading from Hydro One operated switchyard at Nanticoke Generating Station (GS) OR Off-site connections to existing local distribution network leading to the Jarvis Transformer Station (TS).

Proposed location of the Large Renewable Project and proposed connection line

Located in Haldimand County, on and adjacent to OPG owned land, south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Public community meeting information

Nanticoke Community Hall
38 Rainham Road, Nanticoke, ON N0A 1L0

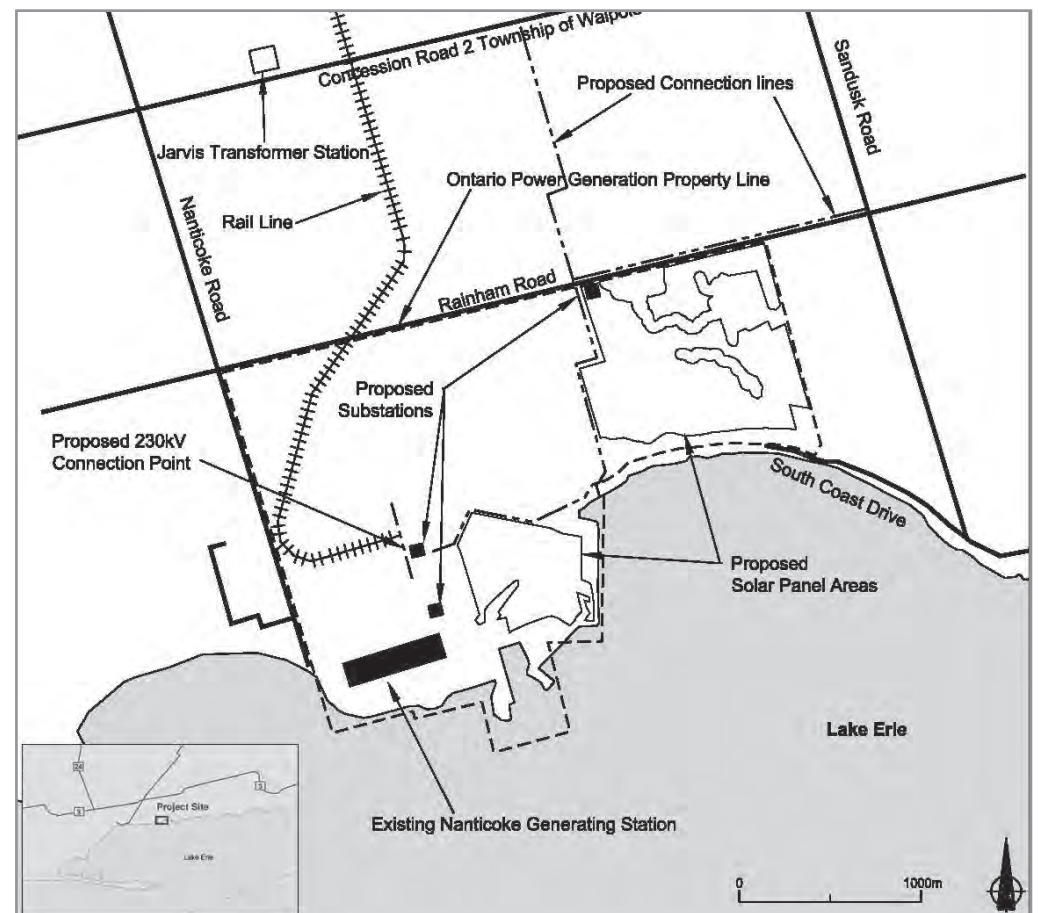
Wednesday June 3, 2015

3:30 p.m. to 8:00 p.m.

Contact information for the proponent

Svetlana Helc	Gillian MacLeod
Project Manager, Corporate Business Development	Senior Environmental Advisor
(416) 592-6658	(416) 592-3481
700 University Avenue H18 E22 Toronto, ON M5G 1X6	700 University Avenue H18 D16 Toronto, ON M5G 1X6
Project E-mail: info@nanticokesolar.com	
Project Website: www.nanticokesolar.com	

**ONTARIOPOWER
GENERATION**
opg.com



From: DiGiuseppe, Marilena

Sent: May 13, 2015 6:51 PM

Subject: A message from Ontario Power Generation's Nanticoke Solar project team – Notices and Invitations to Attend Public Community Meeting

Greetings from Ontario Power Generation's Nanticoke Solar project team.

On behalf of OPG, I would like to advise you that Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Please refer to the attached letter for further details. In addition, copies of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility are also attached, for your reference.

We would also like to extend to you, an invitation to our Public Community Meeting taking place on Wednesday June 3, 2015 at the Nanticoke Community Hall in Nanticoke, Ontario. This event will be held between 3:30 p.m. and 8:00 p.m. and the public is invited to come speak with OPG about the solar project. Details about this event can also be found in the attached letter and notices. We look forward to seeing you there!

If you have any comments, concerns, or questions, please contact us at info@nanticokesolar.com. For further details about the project, please visit our website at www.nanticokesolar.com.

Regards,

The OPG Nanticoke Solar Team

ONTARIO POWER
GENERATION

Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement

Ontario Power Generation Inc. (OPG) hosted a public community meeting for the Nanticoke Solar Project on June 3, 2015. Subsequently, OPG and SunEdison Canadian Construction LP (SunEdison) entered into a joint venture to submit a proposal for the Project in the Independent Electricity System Operator's Large Renewable Procurement. The Project details have not changed and SunEdison will abide by all commitments made to date. With the formation of this joint venture, we invite you to attend an additional public community meeting hosted jointly by SunEdison and OPG.

The proponent identified below is proposing to submit a proposal to the Independent Electricity System Operator (IESO) to design, build, and operate a Large Renewable Project for the generation of electricity under the IESO's Large Renewable Procurement (LRP).

The LRP is a competitive process for procuring large renewable energy projects generally larger than 500 kilowatts. At the conclusion of the LRP, the IESO may award contracts for successful projects up to the specified procurement targets for each renewable fuel: 300 megawatts (MW) for wind, 140 MW for solar, 75 MW for waterpower, and 50 MW for bioenergy.

This notice is being distributed to notify members of the public of a public community meeting that has been scheduled to discuss the Large Renewable Project proposal. Information regarding the proponent, the Large Renewable Project proposal, and the meeting details are described below.

This public community meeting is being held as part of the early community engagement requirements of the LRP. The public community meeting will present details about the Large Renewable Project and its proposed connection line. Representatives of the proponent will be available to discuss the Large Renewable Project and the overall LRP process. Should this Large Renewable Project be awarded a contract, the Large Renewable Project would need to obtain all required permits and approvals and conduct any further required community engagement activities.

Further details regarding the LRP are available at www.ieso.ca/lrp.

Proponent and the Large Renewable Project proposal

Proponent:	Nanticoke Solar LP
Qualified Applicant from the LRP Request for Qualifications stage associated with the proponent:	SunEdison Canadian Construction LP
Name of the Large Renewable Project proposal:	Nanticoke Solar
Renewable fuel of the Large Renewable Project:	Non-rooftop solar
Proposed capacity of the Large Renewable Project (MW):	50 MW
Proposed connection point of the Large Renewable Project:	On-site connection to existing overhead transmission lines leading from Hydro One operated switchyard at Nanticoke Generating Station (GS) OR Off-site connections to existing local distribution network leading to the Jarvis Transformer Station (TS).

Proposed location of the Large Renewable Project and proposed connection line

Located in Haldimand County, on and adjacent to OPG owned land, south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Public community meeting information

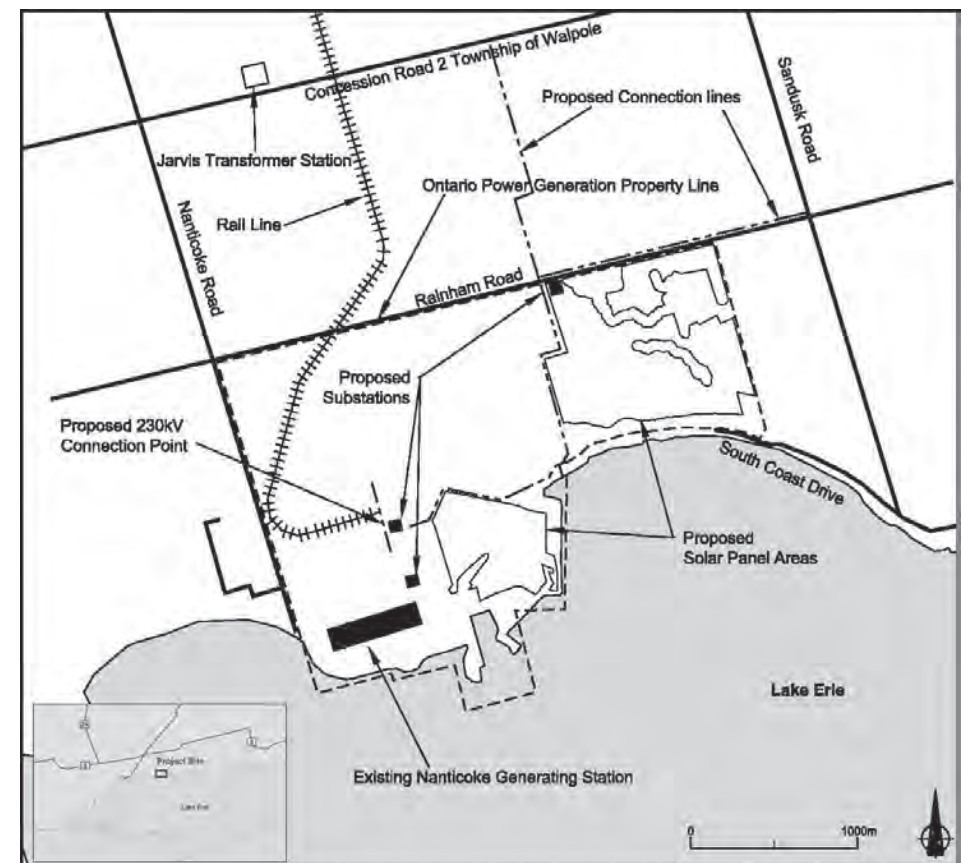
Nanticoke Community Hall
38 Rainham Road, Nanticoke, ON N0A 1L0

Thursday, August 27, 2015

4 p.m. to 6:30 p.m.

Contact information for the proponent

Svetlana Helc	Gillian MacLeod
Project Manager, Corporate Business Development	Senior Environmental Advisor
(416) 592-6658	(416) 592-3481
700 University Avenue H18 E22 Toronto, ON M5G 1X6	700 University Avenue H18 D16 Toronto, ON M5G 1X6
Project E-mail: info@nanticoquesolar.com	
Project Website: www.nanticoquesolar.com	



From: DiGiuseppe, Marilena

Sent: August 11, 2015 11:17 PM

Subject: A Message from the Nanticoke Solar Project Team – Updated Information

This message is sent on behalf of Ontario Power Generation (OPG).

Greetings from the Nanticoke Solar project team.

OPG is pleased to announce that it has entered into a partnership with SunEdison Canadian Construction LP for the purpose of jointly submitting bids for Non-rooftop solar projects on September 1st to the Independent Electricity System Operator's – Large Renewable Procurement (LRP).

OPG and SunEdison will be hosting a Public Community Meeting on August 27th from 4:00 pm to 6:30 pm at the Nanticoke Community Hall – 38 Rainham Road, Nanticoke, ON N0A 1L0, where we would like to take the opportunity to introduce members of the community to SunEdison. Attached, please find the Notice of Public Community Meeting for our upcoming event, which contains further details. Please note that there have been no changes to the footprint of the Nanticoke Solar Project, or to any environmental information and technical information, that was presented at the June 3, 2015 Public Community Meeting. The Project website has been updated to reflect the announcement of the partnership between OPG and SunEdison.

We look forward to seeing you at our upcoming Public Community Meeting!

If you have any comments, concerns, or questions, please contact us at info@nanticokesolar.com. For further details about the project, please visit our website at www.nanticokesolar.com.

Regards,

The Nanticoke Solar Team



NOTICE OF DRAFT REA DOCUMENTS RELEASE
By Nanticoke Solar LP

FIRST NOTICE OF SECOND PUBLIC MEETING

To be held by Nanticoke Solar LP regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar Project

IESO Contract Number: L-006354-SPV-001-044

Project Location:

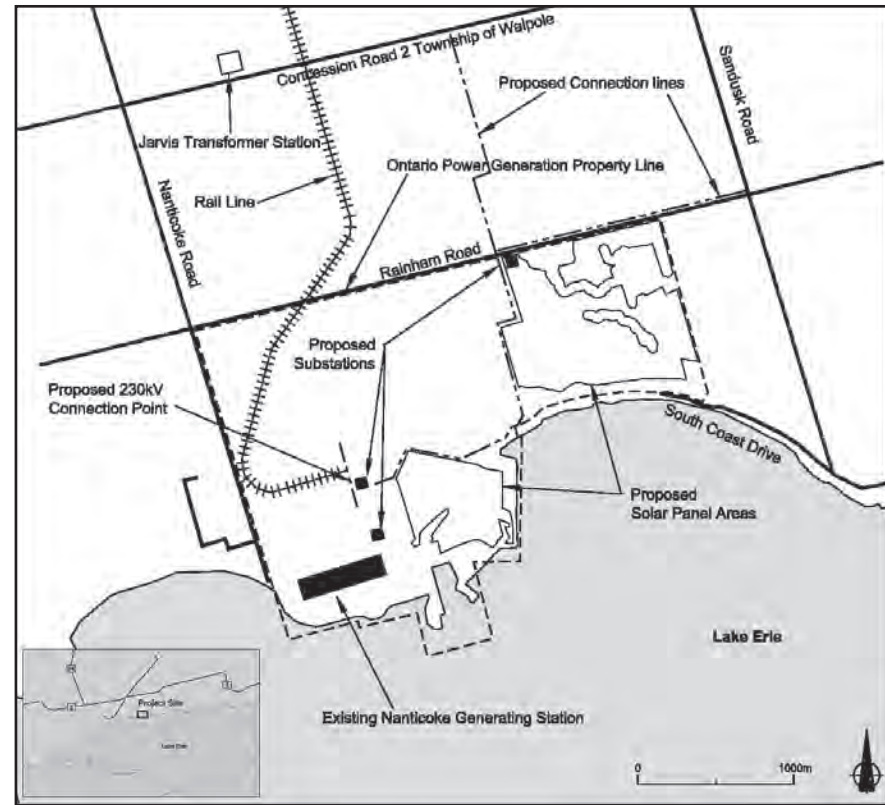
The project involves the design, construction and operation of an approximately 44 megawatt (MW) solar electricity facility in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Dated at Haldimand County on Nov. 24, 2016

Nanticoke Solar Limited Partnership (LP) is planning to engage in a renewable energy project in respect of which the issuance of a Renewable Energy Approval (REA) 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 and Climate Change.

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 alternating current (MW_{AC}) solar electricity generation facility. If approved, this facility would have an approximate nameplate capacity of 44 MW. The project location is depicted on the included map. The *Draft Project Description Report for the Nanticoke Solar Project* provides an overview of the proposed project including location, components, activities and potential negative effects.



Meeting Information and Location:

A public meeting was first held on June 3, 2015, to provide information to, and consult with, community members, stakeholder groups, Indigenous communities and government agencies. Nanticoke Solar LP is hosting a second public meeting subsequent to releasing the draft REA documents for public review, in order to comply with the requirement of the ACT and Regulation. Copies of the draft documents will be made available at the meeting for viewing.

DATE: Thursday, February 2, 2017	TIME: 3:30 p.m. to 8 p.m.	PLACE: Nanticoke Community Hall, 38 Rainham Rd, Nanticoke, ON
---	----------------------------------	--

Documents for Public Inspection:

Draft copies of the REA documents will be available for public inspection as of Nov. 24, 2016, at the following locations:

Haldimand County Municipal Offices, Cayuga Administration Building 45 Munsee St North, Cayuga, ON Monday to Friday, 8:30 a.m. to 4:30 p.m. T: 905-318-5932	Jarvis Public Library 2 Monson St, Jarvis, ON T: 289-674-0400
---	--

An electronic copy of the REA will be available on the applicant's website at www.nanticokesolar.com.

Draft reports which make up the REA package include:

<ul style="list-style-type: none"> • Project Description Report • Construction Plan Report • Design and Operations Report • Decommissioning Plan Report • Cultural Heritage Assessment 	<ul style="list-style-type: none"> • Archaeological Assessment • Natural Heritage Assessment • Water Assessment • Site-specific Noise Study Report • Conceptual Stormwater Management Report
---	---

Project Contacts and Information:

To learn more about the project and public community meeting, or to communicate concerns, please contact:

Phil Shantz	Gillian MacLeod
Environmental Planning Lead (Canada), Arcadis Canada Inc.	Senior Environmental Advisor, Ontario Power Generation
121 Granton Drive, Unit 12 Richmond Hill, ON L4B 3N4	700 University Ave Toronto, ON M5G 1X6
T: 905-764-9380 ext. 434	T: 416-592-3481 F: 416-592-3489

Project Email: info@nanticokesolar.com **Project Website:** www.nanticokesolar.com



REMINDER NOTICE OF SECOND PUBLIC MEETING

To be held by Nanticoke Solar LP regarding a Proposal to Engage in a Renewable Energy Project

REMINDER NOTICE OF DRAFT REA DOCUMENTS RELEASE

By Nanticoke Solar LP

Project Name: Nanticoke Solar Project

IESO Contract Number: L-006354-SPV-001-044

Project Location:

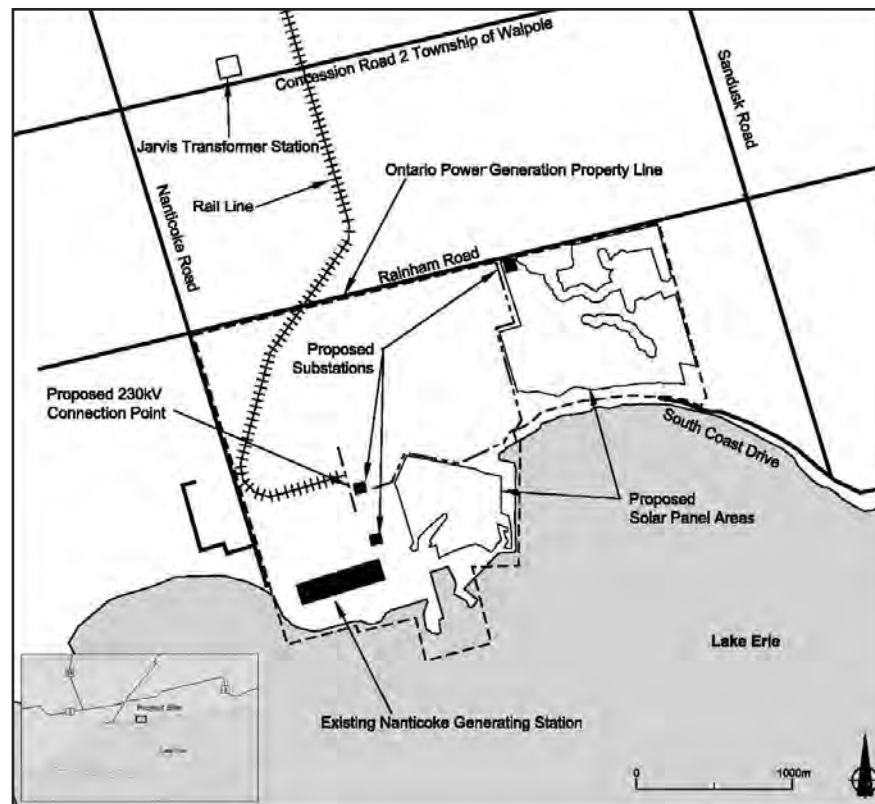
The project involves the design, construction and operation of an approximately 44-megawatt (MW) solar electricity facility in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Dated at Haldimand County on November 24, 2016

Nanticoke Solar Limited Partnership (LP) is planning to engage in a renewable energy project in respect of which the issuance of a Renewable Energy Approval (REA) is required. The proposal to engage in the 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 and Climate Change.

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 alternating current (MW_{AC}) solar electricity generation facility. If approved, this facility would have an approximate nameplate capacity of 44 MW. The project location is depicted on the included map. The *Draft Project Description Report for the Nanticoke Solar Project* provides an overview of the proposed project including location, components, activities and potential negative effects.



Meeting Information and Location:

A public meeting was first held on June 3, 2015, to provide information to, and consult with, community members, stakeholder groups, Indigenous communities and government agencies. Nanticoke Solar LP is hosting a second public meeting in order to comply with the requirement of the ACT and Regulation. Copies of the draft documents will also be made available at the meeting for viewing.

DATE: Thursday, February 2, 2017	TIME: 3:30 p.m. to 8 p.m.	PLACE: Nanticoke Community Hall, 38 Rainham Rd, Nanticoke, ON
---	----------------------------------	--

Documents for Public Inspection:

Draft copies of the REA documents are available for public inspection as of November 24, 2016, at the following locations:

Haldimand County Municipal Offices Cayuga Administration Building 45 Munsee St North, Cayuga, ON Monday to Friday, 8:30 a.m. to 4:30 p.m. T: 905-318-5932	Jarvis Public Library 2 Monson St, Jarvis, ON T: 289-674-0400
--	--

An electronic copy of the REA is available on the applicant's website at www.nanticokesolar.com

Draft reports which make up the REA package include:

<ul style="list-style-type: none"> • Project Description Report • Construction Plan Report • Design and Operations Report • Decommissioning Plan Report • Cultural Heritage Assessment 	<ul style="list-style-type: none"> • Archaeological Assessment • Natural Heritage Assessment • Water Assessment • Site-Specific Noise Study Report • Conceptual Stormwater Management Report
---	---

Project Contacts and Information:

To learn more about the project and public community meeting, or to communicate concerns, please contact:

Phil Shantz	Gillian MacLeod
Environmental Planning Lead (Canada) Arcadis Canada Inc.	Senior Environmental Advisor Ontario Power Generation
121 Granton Drive, Unit 12 Richmond Hill, ON L4B 3N4	700 University Ave Toronto, ON M5G 1X6
T: 905-764-9380 ext. 434	T: 416-592-3481 F: 416-592-3489
Project Email: info@nanticokesolar.com Project Website: www.nanticokesolar.com	



**Evidence of Notices
Published in
Local Newspapers**

NOTICE OF A PROPOSAL

by Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") to Engage in a Renewable Energy Project and

NOTICE OF PUBLIC COMMUNITY MEETING

To be held by OPG regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar

Project Location: the Project involves the design, construction and operation of up to 50 MW Solar Energy Project in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Dated at Haldimand County this 30th of April 2015

Ontario Power Generation Inc. (OPG) is concurrently applying to obtain a Renewable Energy Approval (REA) and a contract under the IESO's Large Renewable Procurement (LRP) I Request for Proposal. OPG 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 the renewable energy project and the Project itself are subject to the provisions of the *Environmental Protection Act (EPA)* 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 and Climate Change.

Under the Renewable Energy Approval, a key component of the approval process is public consultation. The purpose of this Notice is to invite your participation in the approvals and the consultation process.

Meeting Location:

Public Community Meeting #1:

Date: Wednesday June 3, 2015

Time: 3:30 p.m. to 8:00 p.m.

Place: Nanticoke Community Hall 38 Rainham Road, Nanticoke, ON N0A 1L0

Project Description:

Pursuant to the Act and Regulation, this is a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 50 MW. The project location is described in the map on the right.

Documents for Public Inspection:

The Project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled *Draft Project Description Report Ontario Power Generation Nanticoke Solar* describes the facility as a ground mounted solar photovoltaic (PV) panel facility with the cumulative capacity to generate up to 50 MW power. A written copy of the Draft Project Description Report is being made available for public inspection at the public community meeting and will also be made available at www.nanticokesolar.com.

The Process:

The Renewable Energy Approval process includes public, aboriginal, municipal and review agency consultation, assessment of the potential effects of the proposed project and identification of measures to mitigate any potential adverse effects. Public input is encouraged throughout the Renewable Energy Approval process. Input will be facilitated through two rounds of public community meetings and the Project website. The first public community meeting is being held, as noted above, to provide a general overview of the Project and the Renewable Energy Approval process, and to seek public input. We invite the public to attend the meeting so that we can answer your questions and receive your feedback.

Project Contacts and Information:

To learn more about the Project, public community meetings, or to communicate concerns please contact:

Name: Svetlana Helc

Title: Project Manager, Corporate Business Development

Address: 700 University Avenue H18 E22 Toronto, ON M5G 1X6

Telephone: (416) 592-6658

Fax: (416) 592-3489

Name: Gillian MacLeod

Title: Senior Environmental Advisor

Address: 700 University Avenue H18 D16 Toronto, ON M5G 1X6

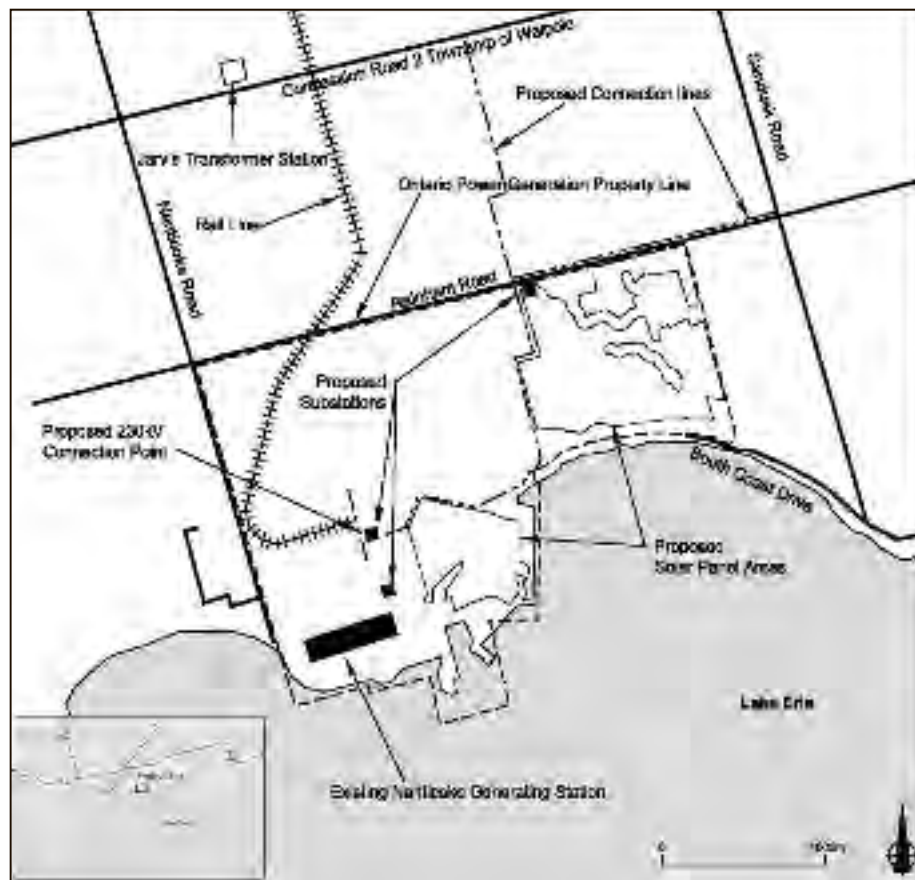
Telephone: (416) 592-3481

Fax: (416) 592-3489

Project Email: info@nanticokesolar.com

Project Website: www.nanticokesolar.com

Project Location:



NOTICE OF A PROPOSAL

by Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") to Engage in a Renewable Energy Project and

NOTICE OF PUBLIC COMMUNITY MEETING

To be held by OPG regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar

Project Location: the Project involves the design, construction and operation of up to 50 MW Solar Energy Project in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Dated at Haldimand County this 30th of April 2015

Ontario Power Generation Inc. (OPG) is concurrently applying to obtain a Renewable Energy Approval (REA) and a contract under the IESO's Large Renewable Procurement (LRP) I Request for Proposal. OPG 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 the renewable energy project and the Project itself are subject to the provisions of the *Environmental Protection Act (EPA)* 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 and Climate Change.

Under the Renewable Energy Approval, a key component of the approval process is public consultation. The purpose of this Notice is to invite your participation in the approvals and the consultation process.

Meeting Location:

Public Community Meeting #1:

Date: Wednesday June 3, 2015

Time: 3:30 p.m. to 8:00 p.m.

Place: Nanticoke Community Hall 38 Rainham Road, Nanticoke, ON N0A 1L0

Project Description:

Pursuant to the Act and Regulation, this is a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 50 MW. The project location is described in the map on the right.

Documents for Public Inspection:

The Project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled *Draft Project Description Report Ontario Power Generation Nanticoke Solar* describes the facility as a ground mounted solar photovoltaic (PV) panel facility with the cumulative capacity to generate up to 50 MW power. A written copy of the Draft Project Description Report is being made available for public inspection at the public community meeting and will also be made available at www.nanticokesolar.com.

The Process:

The Renewable Energy Approval process includes public, aboriginal, municipal and review agency consultation, assessment of the potential effects of the proposed project and identification of measures to mitigate any potential adverse effects. Public input is encouraged throughout the Renewable Energy Approval process. Input will be facilitated through two rounds of public community meetings and the Project website. The first public community meeting is being held, as noted above, to provide a general overview of the Project and the Renewable Energy Approval process, and to seek public input. We invite the public to attend the meeting so that we can answer your questions and receive your feedback.

Project Contacts and Information:

To learn more about the Project, public community meetings, or to communicate concerns please contact:

Name: Svetlana Helc

Title: Project Manager, Corporate Business Development

Address: 700 University Avenue H18 E22 Toronto, ON M5G 1X6

Telephone: (416) 592-6658

Fax: (416) 592-3489

Name: Gillian MacLeod

Title: Senior Environmental Advisor

Address: 700 University Avenue H18 D16 Toronto, ON M5G 1X6

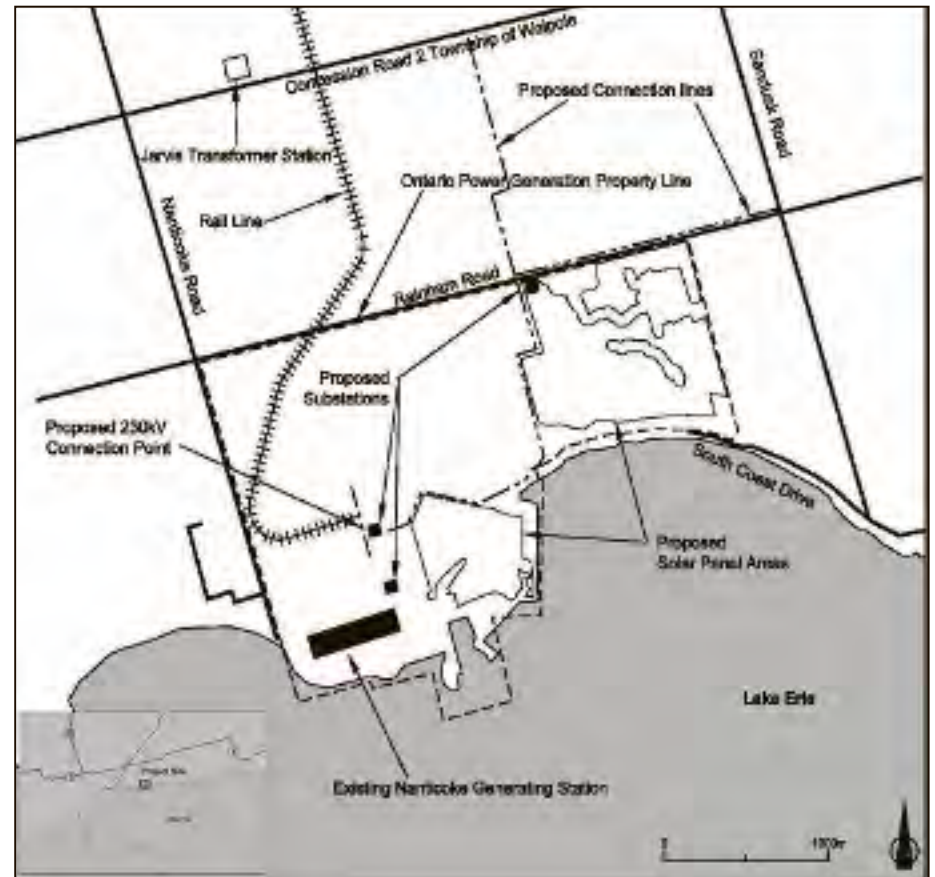
Telephone: (416) 592-3481

Fax: (416) 592-3489

Project Email: info@nanticokesolar.com

Project Website: www.nanticokesolar.com

Project Location:



NOTICE OF DRAFT REA DOCUMENTS RELEASE

By Nanticoke Solar LP

FIRST NOTICE OF SECOND PUBLIC MEETING

To be held by Nanticoke Solar LP regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar Project

IESO Contract Number: L-006354-SPV-001-044

Project Location:

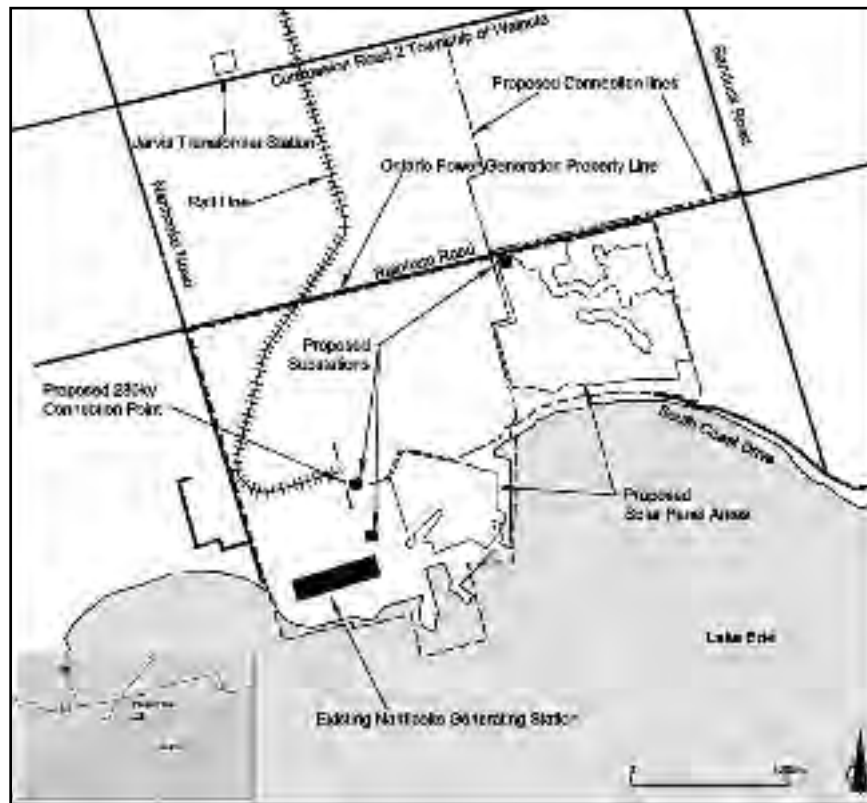
The project involves the design, construction and operation of an approximately 44 megawatt (MW) solar electricity facility in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Dated at Haldimand County on Nov. 24, 2016

Nanticoke Solar Limited Partnership (LP) is planning to engage in a renewable energy project in respect of which the issuance of a Renewable Energy Approval (REA) 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 and Climate Change.

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 alternating current (MW_{AC}) solar electricity generation facility. If approved, this facility would have an approximate nameplate capacity of 44 MW. The project location is depicted on the included map. The *Draft Project Description Report for the Nanticoke Solar Project* provides an overview of the proposed project including location, components, activities and potential negative effects.



Meeting Information and Location:

A public meeting was first held on June 3, 2015, to provide information to, and consult with, community members, stakeholder groups, Indigenous communities and government agencies. Nanticoke Solar LP is hosting a second public meeting subsequent to releasing the draft REA documents for public review, in order to comply with the requirement of the ACT and Regulation. Copies of the draft documents will be made available at the meeting for viewing.

DATE: Thursday, February 2, 2017	TIME: 3:30 p.m. to 8 p.m.	PLACE: Nanticoke Community Hall, 38 Rainham Rd, Nanticoke, ON
---	----------------------------------	--

Documents for Public Inspection:

Draft copies of the REA documents will be available for public inspection as of Nov. 24, 2016, at the following locations:

Haldimand County Municipal Offices, Cayuga Administration Building 45 Munsee St North, Cayuga, ON Monday to Friday, 8:30 a.m. to 4:30 p.m. T: 905-318-5932	Jarvis Public Library 2 Monson St, Jarvis, ON T: 289-674-0400
---	--

An electronic copy of the REA will be available on the applicant's website at www.nanticokesolar.com.

Draft reports which make up the REA package include:

<ul style="list-style-type: none"> • Project Description Report • Construction Plan Report • Design and Operations Report • Decommissioning Plan Report • Cultural Heritage Assessment 	<ul style="list-style-type: none"> • Archaeological Assessment • Natural Heritage Assessment • Water Assessment • Site-specific Noise Study Report • Conceptual Stormwater Management Report
---	---

Project Contacts and Information:

To learn more about the project and public community meeting, or to communicate concerns, please contact:

Phil Shantz Environmental Planning Lead (Canada), Arcadis Canada Inc. 121 Granton Drive, Unit 12 Richmond Hill, ON L4B 3N4 T: 905-764-9380 ext. 434	Gillian MacLeod Senior Environmental Advisor, Ontario Power Generation 700 University Ave Toronto, ON M5G 1X6 T: 416-592-3481 F: 416-592-3489
Project Email: info@nanticokesolar.com Project Website: www.nanticokesolar.com	



NOTICE OF DRAFT REA DOCUMENTS RELEASE

By Nanticoke Solar LP

FIRST NOTICE OF SECOND PUBLIC MEETING

To be held by Nanticoke Solar LP regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar Project

IESO Contract Number: L-006354-SPV-001-044

Project Location:

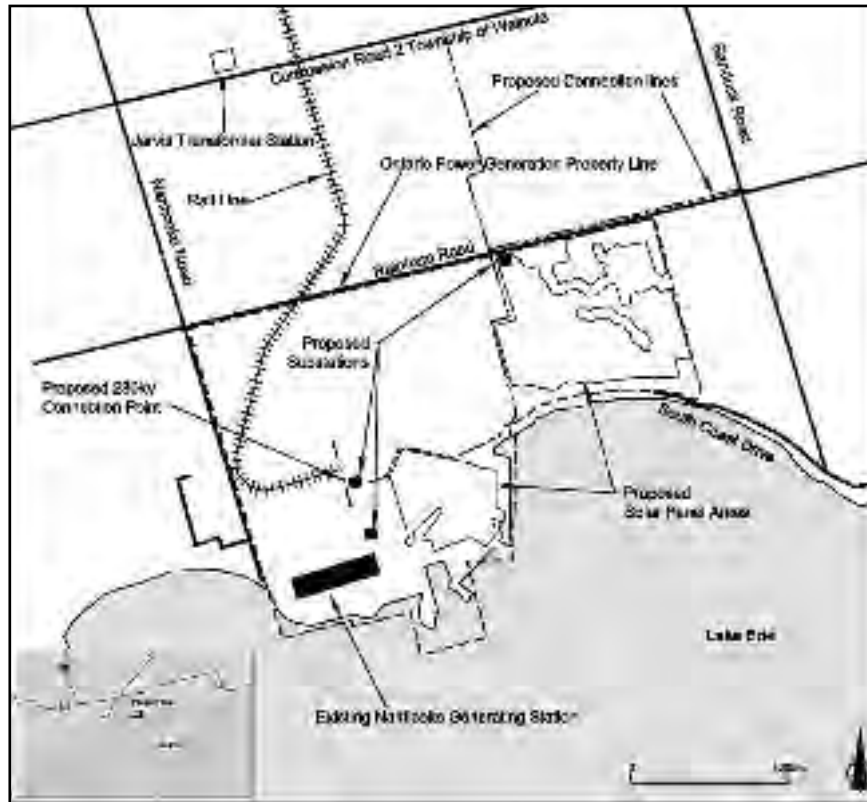
The project involves the design, construction and operation of an approximately 44 megawatt (MW) solar electricity facility in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Dated at Haldimand County on Nov. 24, 2016

Nanticoke Solar Limited Partnership (LP) is planning to engage in a renewable energy project in respect of which the issuance of a Renewable Energy Approval (REA) 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 and Climate Change.

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 alternating current (MW_{AC}) solar electricity generation facility. If approved, this facility would have an approximate nameplate capacity of 44 MW. The project location is depicted on the included map. The *Draft Project Description Report for the Nanticoke Solar Project* provides an overview of the proposed project including location, components, activities and potential negative effects.



Meeting Information and Location:

A public meeting was first held on June 3, 2015, to provide information to, and consult with, community members, stakeholder groups, Indigenous communities and government agencies. Nanticoke Solar LP is hosting a second public meeting subsequent to releasing the draft REA documents for public review, in order to comply with the requirement of the ACT and Regulation. Copies of the draft documents will be made available at the meeting for viewing.

DATE: Thursday, February 2, 2017	TIME: 3:30 p.m. to 8 p.m.	PLACE: Nanticoke Community Hall, 38 Rainham Rd, Nanticoke, ON
---	----------------------------------	--

Documents for Public Inspection:

Draft copies of the REA documents will be available for public inspection as of Nov. 24, 2016, at the following locations:

Haldimand County Municipal Offices, Cayuga Administration Building 45 Munsee St North, Cayuga, ON Monday to Friday, 8:30 a.m. to 4:30 p.m. T: 905-318-5932	Jarvis Public Library 2 Monson St, Jarvis, ON T: 289-674-0400
---	--

An electronic copy of the REA will be available on the applicant's website at www.nanticokesolar.com.

Draft reports which make up the REA package include:

<ul style="list-style-type: none"> • Project Description Report • Construction Plan Report • Design and Operations Report • Decommissioning Plan Report • Cultural Heritage Assessment 	<ul style="list-style-type: none"> • Archaeological Assessment • Natural Heritage Assessment • Water Assessment • Site-specific Noise Study Report • Conceptual Stormwater Management Report
---	---

Project Contacts and Information:

To learn more about the project and public community meeting, or to communicate concerns, please contact:

Phil Shantz Environmental Planning Lead (Canada), Arcadis Canada Inc. 121 Granton Drive, Unit 12 Richmond Hill, ON L4B 3N4 T: 905-764-9380 ext. 434	Gillian MacLeod Senior Environmental Advisor, Ontario Power Generation 700 University Ave Toronto, ON M5G 1X6 T: 416-592-3481 F: 416-592-3489
Project Email: info@nanticokesolar.com Project Website: www.nanticokesolar.com	



REMINDER NOTICE OF SECOND PUBLIC MEETING

To be held by Nanticoke Solar LP regarding a Proposal to Engage in a Renewable Energy Project

REMINDER NOTICE OF DRAFT REA DOCUMENTS RELEASE

By Nanticoke Solar LP

Project Name: Nanticoke Solar Project

IESO Contract Number: L-006354-SPV-001-044

Project Location:

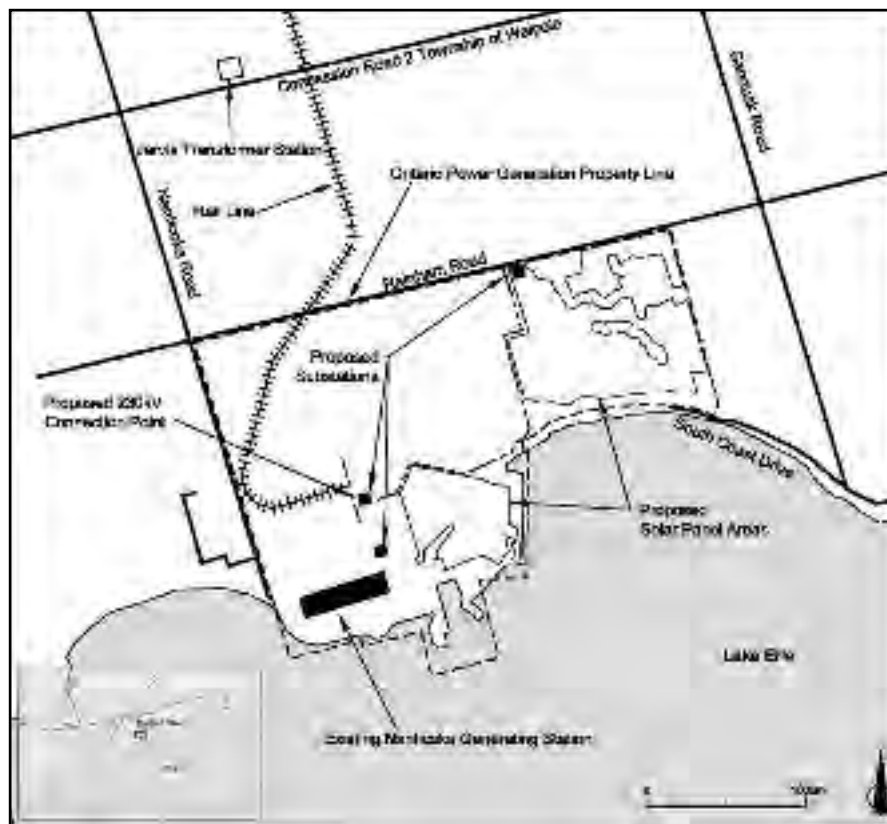
The project involves the design, construction and operation of an approximately 44-megawatt (MW) solar electricity facility in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Dated at Haldimand County on November 24, 2016

Nanticoke Solar Limited Partnership (LP) is planning to engage in a renewable energy project in respect of which the issuance of a Renewable Energy Approval (REA) is required. The proposal to engage in the 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 and Climate Change.

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 alternating current (MW_{AC}) solar electricity generation facility. If approved, this facility would have an approximate nameplate capacity of 44 MW. The project location is depicted on the included map. The *Draft Project Description Report for the Nanticoke Solar Project* provides an overview of the proposed project including location, components, activities and potential negative effects.



Meeting Information and Location:

A public meeting was first held on June 3, 2015, to provide information to, and consult with, community members, stakeholder groups, Indigenous communities and government agencies. Nanticoke Solar LP is hosting a second public meeting in order to comply with the requirement of the ACT and Regulation. Copies of the draft documents will also be made available at the meeting for viewing.

DATE: Thursday, February 2, 2017	TIME: 3:30 p.m. to 8 p.m.	PLACE: Nanticoke Community Hall, 38 Rainham Rd, Nanticoke, ON
---	----------------------------------	--

Documents for Public Inspection:

Draft copies of the REA documents are available for public inspection as of November 24, 2016, at the following locations:

Haldimand County Municipal Offices Cayuga Administration Building 45 Munsee St North, Cayuga, ON Monday to Friday, 8:30 a.m. to 4:30 p.m. T: 905-318-5932	Jarvis Public Library 2 Monson St, Jarvis, ON T: 289-674-0400
--	--

An electronic copy of the REA is available on the applicant's website at www.nanticokesolar.com

Draft reports which make up the REA package include:

<ul style="list-style-type: none"> Project Description Report Construction Plan Report Design and Operations Report Decommissioning Plan Report Cultural Heritage Assessment 	<ul style="list-style-type: none"> Archaeological Assessment Natural Heritage Assessment Water Assessment Site-Specific Noise Study Report Conceptual Stormwater Management Report
---	---

Project Contacts and Information:

To learn more about the project and public community meeting, or to communicate concerns, please contact:

Phil Shantz	Gillian MacLeod
Environmental Planning Lead (Canada) Arcadis Canada Inc.	Senior Environmental Advisor Ontario Power Generation
121 Granton Drive, Unit 12 Richmond Hill, ON L4B 3N4	700 University Ave Toronto, ON M5G 1X6
T: 905-764-9380 ext. 434	T: 416-592-3481 F: 416-592-3489
Project Email: info@nanticokesolar.com Project Website: www.nanticokesolar.com	



Selkirk & District Lions Club Report

SELKIRK—Tuesday, April 28th was our first meeting of the month and we covered quite a lot of business, we had the first reading of our executive and although it was nice of the Hagersville Lions to want to combine our induction of new officers night together, we decided to hold our service in our own hall and on our own. Thanks Hagersville for the invite but we would like to do it ourselves this year.

We made the plans for our year-end party coming up in June and the report on the Bowl for Kids at the Simcoe Bowling Lanes was excellent—our club alone, with seven bowlers raised \$1300. Good going gang, it makes me proud to be able to brag a little for our Club. It may be only small but we are mighty, haha. Our Club is adding a new section to the building at the end of the pavilion.

We have a new Charter Club in Grimsby now. Lion Norm reported on Fisherville Lions 60th Anniversary Night and said they had a great time and the food was excellent. For upcoming events, we now are collecting donations for the Lions Foundation Walk for Dogguides. You don't have to walk, you can make a donation to one of our Lions and participate or just make that donation—it all helps us to raise the funds for another dog trained to help the blind, deaf or handicapped in some way to participate in life to the best of their ability with their best friend's help. The walk will be have registrations at the Selkirk Park starting at 9am and the walk will start at 10am and then after a nice walk along the lake part way, we will return to the pavilion for hotdogs and prizes etc., along with the Church selling their baked goods as well.

For getting your donation sheet or making a donation yourself, call 905-776-1571 or any of our Selkirk Lions will see that you get one or make that donation. The Selkirk Lions held their first Lions' Walk for Dogguides nineteen years ago and at that time we were the first club down this way that took on the challenge and now we have a few more Lions starting to participate with their own walks which is good because it all goes to the same cause. Looking forward to seeing you at the park with your donation list, donation and if you have a dog that would enjoy the walk bring him or her along too, on Saturday, May 30th, 9am to register.

Our Club's wind up party is going to be at Lions Anne and Ron Pavlovich's home on June 26th and then it's get the finishing plans and touches ready for our annual Gas Fest in August.

SPCA Brings Pets To Dunnville Adoptathon



DUNNVILLE—The Welland and District SPCA held an adoptathon at the GrandErie Home Hardware store in Dunnville on Highway 3 on Saturday, May 2nd. SPCA staff brought 6 dogs and 5 cats which were available for adoption. A special member of the "staff" is a dog called Striker. Striker, now a full-grown German Shepherd, was found abandoned on the side of the road, with a broken leg about a year ago. Despite such a rough start, Striker has become a valued member of the team that focuses on familiarizing kids and adults with bite-prevention training. The team demonstrates to kids and adults some of the body language clues a dog will display to let a person know that the dog does not want contact. Many students, municipal employees, postal workers and by-law enforcement officers have benefited from such training. The SPCA's new community outreach van was brought to the BBQ and it will be travelling throughout Haldimand in the next few weeks for rescue operations and to help transport animals to the Welland shelter for low-cost spay and neuter operations. GrandErie Home Hardware donated the space, and Lakeview Turkey Farms provided turkey sausages and burgers for the event. Shown in photo are Amanda Ellis, PET Team, "Striker" the training dog, Tammy Gaboury, Animal Care manager, Nathaniel McLaren, SPCA Officer and Naomi Robins of Home Hardware, Pet Supplies.

—Haldimand Press photo by Frank Powers.

What's New At The Ontario Trillium Foundation (OTF)

Attend one of the upcoming information sessions to find out about significant changes that have been made to the foundation's granting programs.

Details of OTF's new Invest-

ment Strategy will be released this spring.

Information sessions are being held to offer local non-profit groups and charities an opportunity to learn more about OTF's new granting programs and the changes to the application process.

These sessions will include details of the application deadlines for 2015, in-depth discussion of OTF's new granting priorities, information about how to apply and time for questions.

There have been significant changes to what and how OTF funds. Local community groups planning to apply for an OTF grant in 2015 are strongly encouraged to attend one of the upcoming information sessions in Haldimand:

Monday, May 25th, 6:30 p.m. Community Lifespan Centre, Dunnville

Wednesday, June 10th, 6:30 p.m., Haldimand County Caledonia Centre, Caledonia

Space is limited. Please reserve a space to attend one of the sessions. RSVP via the events calendar on the OTF website www.otf.ca.

The Ontario Trillium Foundation (OTF) is an agency of the Government of Ontario, and Canada's largest granting foundation. Over \$110 million is awarded annually to some 1,300 non-profit and charitable organizations across the province.

For more information, please contact Trudi Collins at tcollins@otf.ca 1-800-263-2887 ext. 620 or 519-752-3862 for additional information.

York, Grand River Historical Society May Meeting

The York, Grand River Historical Society meeting on Tuesday, May 19th at 7 p.m. at St. Andrew's Lodge Hall, 173 Argyle St. N., Caledonia.

Speaker will be Craig Brookhouse from Mount Hope's Warplane Museum. All are welcome.

Please Drive Carefully!

Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement

The proponent identified below is proposing to submit a proposal to the Independent Electricity System Operator (IESO) to design, build, and operate a Large Renewable Project for the generation of electricity under the IESO's Large Renewable Procurement (LRP).

The LRP is a competitive process for procuring large renewable energy projects generally larger than 500 kilowatts. At the conclusion of the LRP, the IESO may award contracts for successful projects up to the specified procurement targets for each renewable fuel: 300 megawatts (MW) for wind, 140 MW for solar, 75 MW for waterpower, and 50 MW for bioenergy.

This notice is being distributed to notify members of the public of a public community meeting that has been scheduled to discuss the Large Renewable Project proposal. Information regarding the proponent, the Large Renewable Project proposal, and the meeting details are described below.

This public community meeting is being held as part of the early community engagement requirements of the LRP. The public community meeting will present details about the Large Renewable Project and its proposed connection line. Representatives of the proponent will be available to discuss the Large Renewable Project and the overall LRP process. Should this Large Renewable Project be awarded a contract, the Large Renewable Project would need to obtain all required permits and approvals and conduct any further required community engagement activities.

Further details regarding the LRP are available at www.ieso.ca/lrp.

Proponent and the Large Renewable Project proposal

Proponent:	Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent")
Qualified Applicant from the LRP Request for Qualifications stage associated with the proponent:	Same as above
Name of the Large Renewable Project proposal:	Nanticoke Solar
Renewable fuel of the Large Renewable Project:	Groundmount Solar
Proposed capacity of the Large Renewable Project (MW):	50 MW
Proposed connection point of the Large Renewable Project:	On-site connection to existing overhead transmission lines leading from Hydro One operated switchyard at Nanticoke Generating Station (GS) OR Off-site connections to existing local distribution network leading to the Jarvis Transformer Station (TS).

Proposed location of the Large Renewable Project and proposed connection line

Located in Haldimand County, on and adjacent to OPG owned land, south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

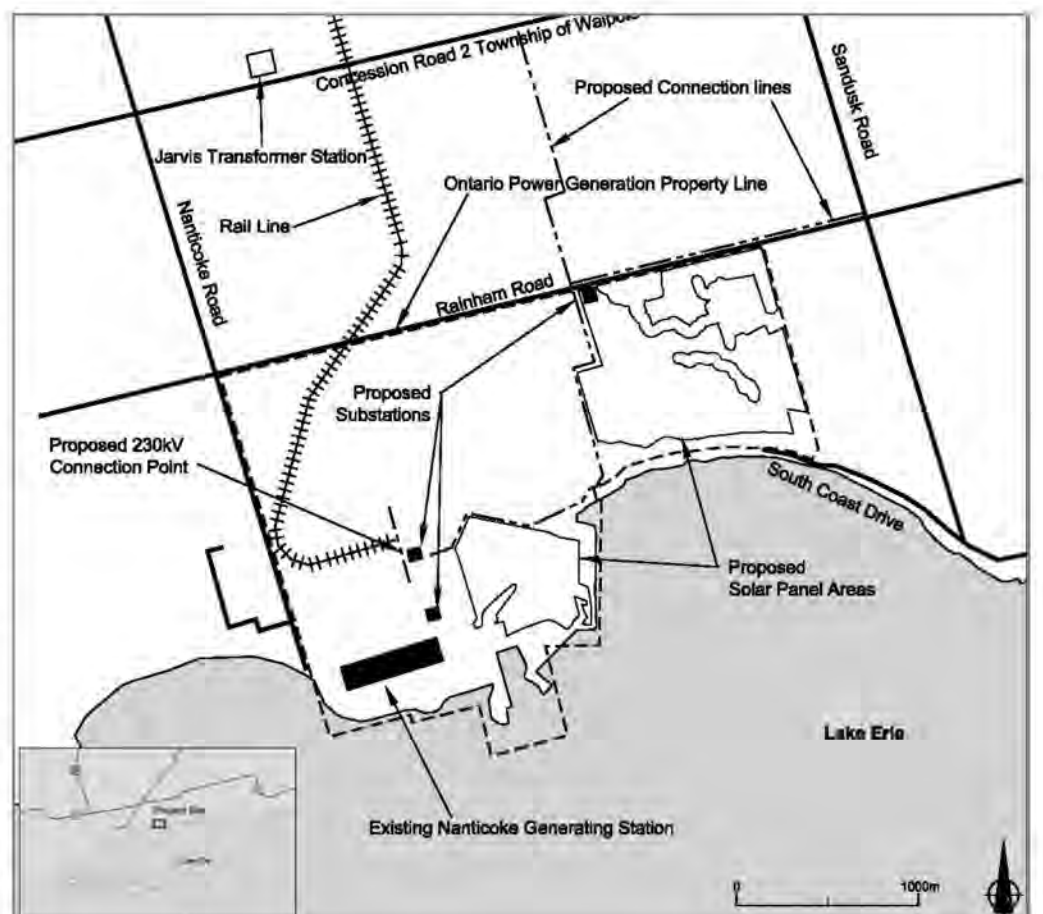
Public community meeting information

Nanticoke Community Hall 38 Rainham Road, Nanticoke, ON N0A 1L0
Wednesday June 3, 2015
3:30 p.m. to 8:00 p.m.

Contact information for the proponent

Svetlana Helc	Gillian MacLeod
Project Manager, Corporate Business Development	Senior Environmental Advisor
(416) 592-6658	(416) 592-3481
700 University Avenue H18 E22 Toronto, ON M5G 1X6	700 University Avenue H18 D16 Toronto, ON M5G 1X6
Project E-mail: info@nanticoke.com	
Project Website: www.nanticoke.com	

**ONTARIOPOWER
GENERATION**
opg.com



Crime Stoppers Looking For Information On Armed Robbery

Robbery
YORK—Crime Stoppers is looking for your anonymous tips to help solve a robbery at a Concession Road #2, York

address.
On Friday, May 1, 2015 at approximately 2:30 p.m. police were contacted by a concerned citizen after their vehicle had been stolen at gun point.

Investigation has thus far revealed that two unknown males attended the Concession Road #2 address and were in the process of stealing a car when the owner approached in a black 1996 Dodge pickup truck. The truck was approached and a rifle was pointed at the driver who exited the vehicle. The suspects fled the area in the pickup truck. They were last seen travelling westbound on Haldimand Road #9. The Dodge pickup was located abandoned at a Haldimand Hwy #54 address. The suspects fled the area on foot crossing the Grand River. A short time later a 2013 Ford SUV was reported stolen from a River Road, York address.

The OPP Canine Unit and Emergency Response Team (ERT) responded to the area and conducted a search for the suspects with negative results. During the search, officers were able to recover a stolen firearm and other property from break and enters in

the Niagara Region.
The suspects are described as:

- Suspect #1**
- First Nation male
 - 20's year of age
 - Approx. 188 cm (6'2") tall
 - Weighing approx. 100 kgs to 105 kgs (220 - 230 lbs)
 - Husky build
 - Black buzz cut hair
- Last seen wearing blue jeans, and a beige t-shirt style hoodie

- Suspect #2**
- White male
 - 170 cm (5'7") tall
 - Weighing approx. 68 kgs (150 lbs)
- Last seen wearing a small rim ball cap and white rimmed sole, running shoes.

If you have information on this or any crime, call Crime Stoppers at 1-800-222-8477 (TIPS) or log onto www.helpsolvecrime.com. All reports are 100% anonymous and you could earn a cash reward up to \$2000.

- Anonymous
- Confidential
- Cash rewards

Fisherville Seniors Meet On Thursdays

FISHERVILLE—On May 7th at the Fisherville Lion's Hall, 23 seniors sat down to an afternoon of Hoss card games.

The most Hosses for the day were 3 held by Dan Johnson.

Pink High was Lorna Williams 331; 2nd Cheryl McMaster 296 and the special winner was Jean Fess.

Blue High was Don Booker 301; 2nd Bob Innes 297 and the special winner was Dave Smuck.

The 9's and 10's were held by no one today.

The Lucky Spot winner was Gordon Hoover.

Next week May 14th will be regular cards and Birthday Celebrations. Lunch will be hotdogs, ice cream and cake.

Everyone is welcome to join us for cards commencing at 1:30 p.m.

Elmer At H.E.S. In Promotion Of Dog Walk



HAGERSVILLE—On Thursday morning, April 30, 2015 our Hagersville dog guide, Elmer, (together with Carol Liscombe) were very welcome guests to the classroom of Mrs. Sandra Mattice. The students were eager to hear about the important roles that service dogs play in the lives of those with physical and medical disabilities. Students were also encouraged to participate in the 9th annual Purina Walk for Dog Guides on May 30th sponsored by Hagersville District Lions Club. The school with the highest amount of pledges will win an ice cream party for the entire school, as sponsored by Pharmasave with great appreciation. Elmer is surrounded by a group of his admirers (left to right) Austin Splatt, Summer Wolfe, Mrs. Mattice, Alexis Sault, Nate Veldstra, Austin Culp and Danielle Montour.

—submitted photo.

2009 Honda CR-V EX SUV

2.4L, auto, AWD, power windows & locks, cruise, A/C, telescoping steering, keyless, sunroofs.

Only \$16,500.
+ HST & Lic.
Certified & E-tested

Simcoe HONDA
443 Queensway West, Simcoe
Ontario Honda Dealers - SMARTER
519-426-9050

Selkirk Seniors Play Hoss

SELKIRK—The Selkirk Seniors met on Monday, March 11th with 19 in attendance.

Most Hosses went to Ruth Fleming, Wray Reichheld and Marion Drehmer with one each.

Blue High: Orville McCreight, 346; Second: Garry Culp, 341; Special: Stan Sheppard.

Pink High: Joyce Clarke, 334; Second: Lois Gordon, 315; Special: Marion Culp.

Lucky chair was Ruth Fleming.

Please Recycle This Newspaper

Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement

The proponent identified below is proposing to submit a proposal to the Independent Electricity System Operator (IESO) to design, build, and operate a Large Renewable Project for the generation of electricity under the IESO's Large Renewable Procurement (LRP).

The LRP is a competitive process for procuring large renewable energy projects generally larger than 500 kilowatts. At the conclusion of the LRP, the IESO may award contracts for successful projects up to the specified procurement targets for each renewable fuel: 300 megawatts (MW) for wind, 140 MW for solar, 75 MW for waterpower, and 50 MW for bioenergy.

This notice is being distributed to notify members of the public of a public community meeting that has been scheduled to discuss the Large Renewable Project proposal. Information regarding the proponent, the Large Renewable Project proposal, and the meeting details are described below.

This public community meeting is being held as part of the early community engagement requirements of the LRP. The public community meeting will present details about the Large Renewable Project and its proposed connection line. Representatives of the proponent will be available to discuss the Large Renewable Project and the overall LRP process. Should this Large Renewable Project be awarded a contract, the Large Renewable Project would need to obtain all required permits and approvals and conduct any further required community engagement activities.

Further details regarding the LRP are available at www.ieso.ca/lrp.

Proponent and the Large Renewable Project proposal

Proponent:	Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent")
Qualified Applicant from the LRP Request for Qualifications stage associated with the proponent:	Same as above
Name of the Large Renewable Project proposal:	Nanticoke Solar
Renewable fuel of the Large Renewable Project:	Groundmount Solar
Proposed capacity of the Large Renewable Project (MW):	50 MW
Proposed connection point of the Large Renewable Project:	On-site connection to existing overhead transmission lines leading from Hydro One operated switchyard at Nanticoke Generating Station (GS) OR Off-site connections to existing local distribution network leading to the Jarvis Transformer Station (TS).

Proposed location of the Large Renewable Project and proposed connection line

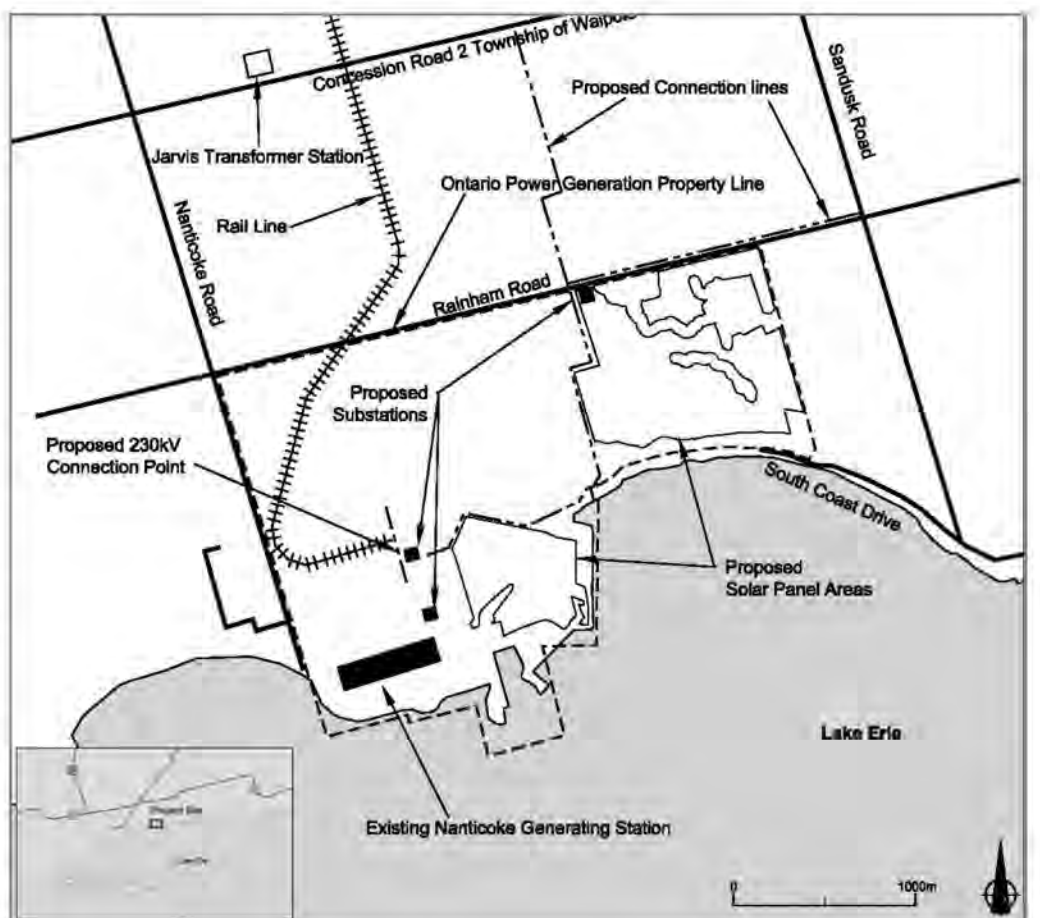
Located in Haldimand County, on and adjacent to OPG owned land, south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Public community meeting information

Nanticoke Community Hall 38 Rainham Road, Nanticoke, ON N0A 1L0
Wednesday June 3, 2015
3:30 p.m. to 8:00 p.m.

Contact information for the proponent

Svetlana Helc	Gillian MacLeod
Project Manager, Corporate Business Development	Senior Environmental Advisor
(416) 592-6658	(416) 592-3481
700 University Avenue H18 E22 Toronto, ON M5G 1X6	700 University Avenue H18 D16 Toronto, ON M5G 1X6
Project E-mail: info@nanticoke.com	
Project Website: www.nanticoke.com	



Retired Teachers Meet



HALDIMAND—Pictured (l-r) are Lois Lockhart, Provincial 2nd Vice-President; Peggy Stock, Provincial President; Evelyn Martin, local President; and Sandra Salerno, local Vice-President. —Submitted photo.

By Linda Enns Pitts
Special To
The Haldimand Press

HALDIMAND—Three times each year, the Haldimand Retired Women Teachers' Association meets for a luncheon and socializing with former teaching colleagues. These luncheons take place throughout Haldimand County, usually in church halls, and are catered by the women's groups of those churches. These luncheons give retired women teachers the opportunity to catch up on each other's lives, children and grandchildren, travels and hobbies.

The motto of each branch of the Retired Women Teachers of Ontario (RWTO) is Caring and Sharing. To that end, our local works very hard to donate time and resources in various forms to a wide variety

of county-wide organizations and non-profits. To name just a few: women's shelters, food banks, Ontario Early Years Centres, Welland SPCA, animal rescue shelters, hospice care, Grandview Lodge, the Regional Heritage Fair and school breakfast programs. As well, many of our members volunteer at various non-profits and schools. We also donate handmade lap quilts to people who are shut-ins and/or in need of special comfort. These quilts are made by a group of our members using donated materials and time.

We are very proud of what we have contributed during our teaching careers and we continue in the spirit of Caring and Sharing once our careers in the classroom have passed.

Our most recent luncheon took place at the South Cayuga Community Church.

We were very pleased to welcome our Provincial President Peggy Stock.

We are also very proud of our own Lois Lockhart. Currently she is second vice-president of RWTO, but will be sworn in as provincial president in June 2017 at our annual provincial convention to be held in Ajax. Lois taught for many years in Haldimand county and served as a provincial director for several years before letting her name stand for a provincial executive position. Many of us are planning on attending the luncheon and cheering Lois on at her "swearing-in ceremony" next June.

If you are a retired teacher and are interested in learning more about our group, contact our Membership Convenor, Roberta Bridge at 905-765-3351 or email her at rebridge49@rogers.com.

Jarvis Seniors

JARVIS—On November 15 we had 14 people out for an afternoon of Hoss and friendship. After Monica welcomed all we started our games. Winners were: High Pink Ruth Smith, Special Pink to Anne Butler. High Blue to Marg Columbus. Special Muriel Phibbs. Doug Weaver took most Hosses. 9s & 10s not won this week.

Thanks to anyone who helped set up or straighten up at the end of the afternoon.

The Royal Canadian Legion
Branch #164 Hagersville

TURKEY RAFFLE

Hagersville Legion
Thursday, November 24, 2016
Rolls starting at 7 p.m.
\$5 tickets for 20 draws (ticket stays in)
Light Lunch Served
Come out and support your Legion!

Drive Safely



As our 4th anniversary approaches in December the Volunteers and Board of Directors of The Hagersville Food Bank would like to extend our sincere appreciation to our numerous ongoing neighborhood partners that are helping us to provide food without cost to those in need. The generosity of businesses, churches, schools, service groups and organizations, as well as individuals in and around Hagersville is deeply appreciated and will make a positive difference in the lives of our clients. Through your thoughtful gifts, monetary and otherwise, our commitment to operate a hunger relief centre by collecting donated food and other basic necessities continues to be accomplished. We are so very fortunate to be supported by this Hagersville compassionate community spirit.

Our works continue and so please continue helping those who are having a hard time. Thank you so very much to everyone who gives back each and every day.

"Appreciation is a wonderful thing:
It makes what is excellent in others belong to us as well." *Voltaire*

NOTICE OF DRAFT REA DOCUMENTS RELEASE By Nanticoke Solar LP

FIRST NOTICE OF SECOND PUBLIC MEETING

To be held by Nanticoke Solar LP regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar Project

IESO Contract Number: L-006354-SPV-001-044

Project Location:

The project involves the design, construction and operation of an approximately 44 megawatt (MW) solar electricity facility in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Dated at Haldimand County on Nov. 24, 2016

Nanticoke Solar Limited Partnership (LP) is planning to engage in a renewable energy project in respect of which the issuance of a Renewable Energy Approval (REA) 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 and Climate Change.

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 alternating current (MW_{AC}) solar electricity generation facility. If approved, this facility would have an approximate nameplate capacity of 44 MW. The project location is depicted on the included map. The *Draft Project Description Report for the Nanticoke Solar Project* provides an overview of the proposed project including location, components, activities and potential negative effects.

Meeting Information and Location:

A public meeting was first held on June 3, 2015, to provide information to, and consult with, community members, stakeholder groups, Indigenous communities and government agencies. Nanticoke Solar LP is hosting a second public meeting subsequent to releasing the draft REA documents for public review, in order to comply with the requirement of the ACT and Regulation. Copies of the draft documents will be made available at the meeting for viewing.

DATE: Thursday, February 2, 2017	TIME: 3:30 p.m. to 8 p.m.	PLACE: Nanticoke Community Hall, 38 Rainham Rd, Nanticoke, ON
---	----------------------------------	--

Documents for Public Inspection:

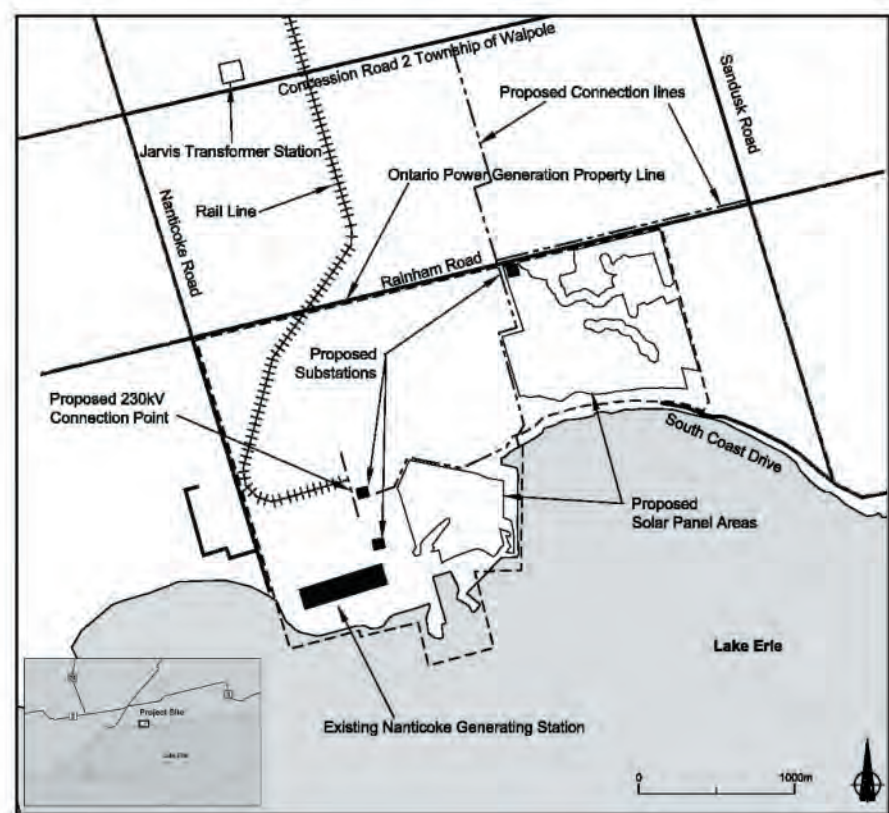
Draft copies of the REA documents will be available for public inspection as of Nov. 24, 2016, at the following locations:

Haldimand County Municipal Offices, Cayuga Administration Building 45 Munsee St North, Cayuga, ON Monday to Friday, 8:30 a.m. to 4:30 p.m. T: 905-318-5932	Jarvis Public Library 2 Monson St, Jarvis, ON T: 289-674-0400
---	--

An electronic copy of the REA will be available on the applicant's website at www.nanticokesolar.com.

Draft reports which make up the REA package include:

<ul style="list-style-type: none"> • Project Description Report • Construction Plan Report • Design and Operations Report • Decommissioning Plan Report • Cultural Heritage Assessment 	<ul style="list-style-type: none"> • Archaeological Assessment • Natural Heritage Assessment • Water Assessment • Site-specific Noise Study Report • Conceptual Stormwater Management Report
---	---



Project Contacts and Information:

To learn more about the project and public community meeting, or to communicate concerns, please contact:

Phil Shantz Environmental Planning Lead (Canada), Arcadis Canada Inc. 121 Granton Drive, Unit 12 Richmond Hill, ON L4B 3N4 T: 905-764-9380 ext. 434	Gillian MacLeod Senior Environmental Advisor, Ontario Power Generation 700 University Ave Toronto, ON M5G 1X6 T: 416-592-3481 F: 416-592-3489
--	--

Project Email: info@nanticokesolar.com **Project Website:** www.nanticokesolar.com



Celebrating Dunnville's Youth



DUNNVILLE—On Monday, November 7 the Optimist Club of Dunnville recognized several youths who go above and beyond that which is expected. Youth came from several organizations including the DREAM program, Dunnville Secondary School (DSS) and the 611 Harvard Squadron. Shown (top row from left) are Leading Air Cadet Andrew Bearegard, Flight Corporal Jack O'Hara, Flight Sergeant David Heffner and Sergeant Nikita Garrison, (middle row from left) Sergeant Alexander Auger, Sarah Taylor (DSS) and Flight Corporal Aaron Carte, (bottom row from left) Shae-Lyn Pinnance (DSS), Shaunasy Thomas (DSS) and Mackenzie Green-Johnson. Absent from photo: Thomas Flannigan (DREAM), Caleb Noon (DREAM), Warrant Officer 2nd Class Jonathon DeGois and Sergeant John Graves. —Haldimand Press photo by Jillian Zynomirski.

You're Invited

to our **RIBBON CUTTING CEREMONY**

which will take place on **Saturday, December 3, 2016**

from **10 am to 12 noon**

at **MARANATHA CHRISTIAN REFORMED CHURCH**

We have recently undergone extensive renovations, adding 8000 sq ft. to our building. Included in the expansion is a 440 seat new sanctuary, new office space, a large fellowship hall, extended nurseries and educational meeting rooms.

Coffee and refreshments will be served from 10-11, at which time there will be an opportunity for visitors to view the new facilities.

The ribbon-cutting will follow at 11:00am. Some of our local dignitaries will be in attendance, and we look forward to you joining us, as we celebrate the growth of our church, within this community.

Photo Contest Winners

HALDIMAND—This fall local MP Diane Finley hosted a Canada 150 photo contest that called on the residents of Haldimand-Norfolk to submit their favourite photos from across the two counties. Of the photos submitted, MP Finley chose 13 photos to be a part of her annual calendar, which is distributed to every household in the riding.

"My office received an overwhelming amount of photos for this competition. It was very difficult to decide

on just 13 photos," said Finley.

The winners of the contest were contacted on November 25, 2016. The names include:

- Holly MacAdam, Nanticoke
- Melanie Kivell, Caledonia
- James Allen Shepherd, Dunnville
- Ray Poirier, Caledonia
- Christine Nisan, Vanessa
- Deborah Beauchamp, Caledonia

- Brian Arsenault, Port Dover
- Leah Cottle, Port Dover
- Bill Meems, Simcoe
- Terry Moore, Simcoe
- Ellen Coffey, Port Dover
- Vince Hooley, Simcoe
- Pauline Lasko, Delhi

"Through these photos, I see the great pride that the residents of our riding have for this area. It's just another reason why I'm honoured to represent these people and why I'm so proud to call this place my home," says Finley.

BioPed ORTHOTICS, FOOTWEAR & PEDORTHIC CARE

BioPed Stoney Creek - 905-662-1222
Battfield Square, 826 Queenston Rd, Unit 13, Stoney Creek, ON L8G 4A8

BioPed Caledonia - 905-541-3337
Cloete Health Center, 55 Argyle St N Caledonia, ON N3W 1B8

BioPed Simcoe - 226-931-5045
West Street Health Centre - Walk In Clinic
216 West St, Simcoe ON Canada N3Y 1S8

NOTICE OF DRAFT REA DOCUMENTS RELEASE By Nanticoke Solar LP

FIRST NOTICE OF SECOND PUBLIC MEETING To be held by Nanticoke Solar LP regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar Project

IESO Contract Number: L-006354-SPV-001-044

Project Location:

The project involves the design, construction and operation of an approximately 44 megawatt (MW) solar electricity facility in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Dated at Haldimand County on Nov. 24, 2016

Nanticoke Solar Limited Partnership (LP) is planning to engage in a renewable energy project in respect of which the issuance of a Renewable Energy Approval (REA) 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 and Climate Change.

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 alternating current (MW_{AC}) solar electricity generation facility. If approved, this facility would have an approximate nameplate capacity of 44 MW. The project location is depicted on the included map. The *Draft Project Description Report for the Nanticoke Solar Project* provides an overview of the proposed project including location, components, activities and potential negative effects.

Meeting Information and Location:

A public meeting was first held on June 3, 2015, to provide information to, and consult with, community members, stakeholder groups, Indigenous communities and government agencies. Nanticoke Solar LP is hosting a second public meeting subsequent to releasing the draft REA documents for public review, in order to comply with the requirement of the ACT and Regulation. Copies of the draft documents will be made available at the meeting for viewing.

DATE: Thursday, February 2, 2017	TIME: 3:30 p.m. to 8 p.m.	PLACE: Nanticoke Community Hall, 38 Rainham Rd, Nanticoke, ON
---	----------------------------------	--

Documents for Public Inspection:

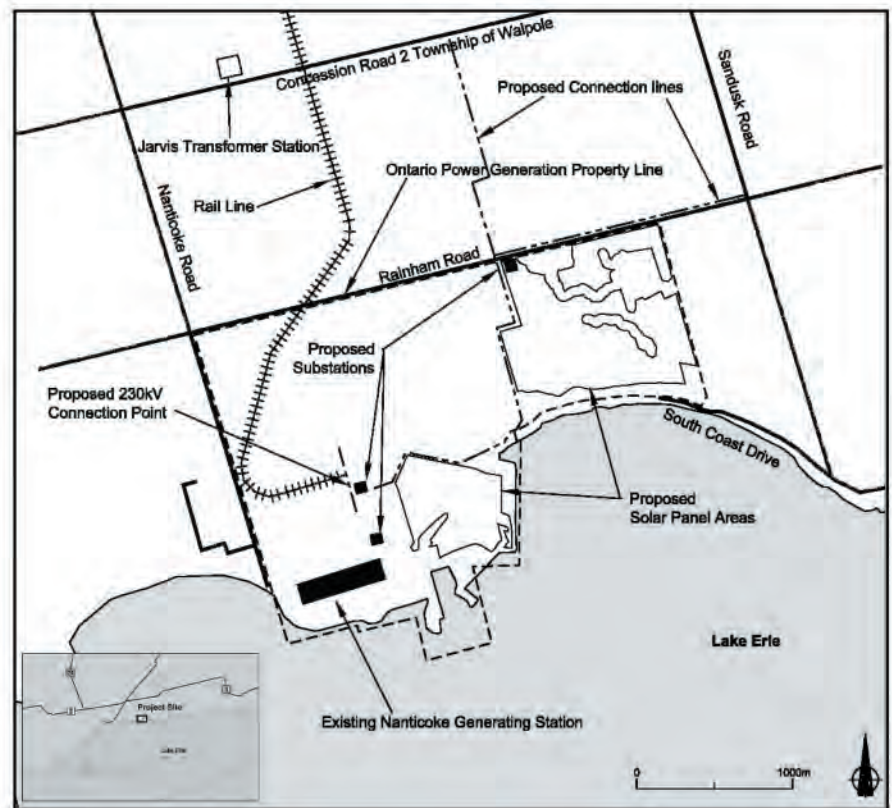
Draft copies of the REA documents will be available for public inspection as of Nov. 24, 2016, at the following locations:

Haldimand County Municipal Offices, Cayuga Administration Building 45 Munsee St North, Cayuga, ON Monday to Friday, 8:30 a.m. to 4:30 p.m. T: 905-318-5932	Jarvis Public Library 2 Monson St, Jarvis, ON T: 289-674-0400
--	--

An electronic copy of the REA will be available on the applicant's website at www.nanticokesolar.com.

Draft reports which make up the REA package include:

<ul style="list-style-type: none"> Project Description Report Construction Plan Report Design and Operations Report Decommissioning Plan Report Cultural Heritage Assessment 	<ul style="list-style-type: none"> Archaeological Assessment Natural Heritage Assessment Water Assessment Site-specific Noise Study Report Conceptual Stormwater Management Report
---	---



Project Contacts and Information:

To learn more about the project and public community meeting, or to communicate concerns, please contact:

Phil Shantz Environmental Planning Lead (Canada), Arcadis Canada Inc. 121 Granton Drive, Unit 12 Richmond Hill, ON L4B 3N4 T: 905-764-9380 ext. 434	Gillian MacLeod Senior Environmental Advisor, Ontario Power Generation 700 University Ave Toronto, ON M5G 1X6 T: 416-592-3481 F: 416-592-3489
Project Email: info@nanticokesolar.com Project Website: www.nanticokesolar.com	



Habitat For Humanity Seeking \$25,000



DUNNVILLE—Habitat For Humanity Haldimand Chapter Chairman Sid Drury made a delegation to Council January 17 requesting \$25,000 to go towards the home they plan to build on John Street in Dunnville. Drury noted this would be paid back in three to five years through permit fees and property taxes. Staff were asked to report back on the request. The home would be a 1,200-square-foot bungalow with a carport and at least three bedrooms. Drawings are currently being prepared for permits and the next step would be to service the lot. Construction will begin when 75 per cent of the funding is in place. There have been 10 requests for residency applications, which will be assessed by Habitat Hamilton. The chosen family must commit a minimum 500 hours to the project. To request an application, email dunnville-home@habitathamilton.ca. For more information, email haldimand@habitathamilton.ca or call 905-765-4408. Donations, which go 100 per cent to construction, can be sent to Habitat for Humanity Haldimand County Chapter, 103 Inverness Street, Caledonia N3W 1B1.

—Submitted photo.

Haldimand O.P.P. Report

Driver Charged In Collision Investigation
DUNNVILLE—Haldimand OPP has charged a 21-year-old male driver after investigating a two-vehicle collision that occurred at a George Street, Dunnville address.

On January 23 at 8:42 a.m. OPP and Haldimand County paramedics responded to the area of

George Street and Main Street West for a two-vehicle collision where it was reported that a vehicle had struck a parked vehicle near Dunnville Secondary School.

OPP investigation has determined that a silver Dodge Dakota pickup truck was travelling eastbound on Main Street West turning northbound onto George

Street when the driver failed to negotiate the turn and the vehicle left the roadway and struck an unoccupied Nissan Frontier pickup truck that was parked in the school parking lot.

The driver was examined by paramedics and was not injured. OPP has charged a 21-year-old with careless driving under the Highway Traffic Act.

PLEASE DRIVE SAFELY

DR. DENISE E. RICHARDS
OPTOMETRIST
12 Alma St. S. (on the Market Square)
HAGERSVILLE
Free Parking Hours: Mon-Fri. 9 a.m. - 5 p.m.
905-768-5721

WARM UP YOUR WINTER WITH THESE HOT DEALS FROM STIHL

MS 171 Gas Chain Saw \$249⁹⁵
MS 171 \$289.95 with 16" bar
30.1 cc / 1.3 kW / 4.3 kg (9.5 lb)*

MS 211 Gas Chain Saw \$349⁹⁵
MS 211 \$389.95 with 16" bar
35.2 cc / 1.7 kW / 4.3 kg (9.5 lb)*

MS 251 Gas Chain Saw \$449⁹⁵
MS 251 \$489.95 with 16" bar
45.6 cc / 2.2 kW / 4.9 kg (10.8 lb)*

PRO SAW SPECIALS

MS 261 C-M Gas Chain Saw \$629⁹⁵
MS 261 \$669.95 with 16" bar
50.2 cc / 3.0 kW / 4.95 kg (10.9 lb)*
STIHL Arctic™ version also available for \$729.95

MS 441 C-M Gas Chain Saw \$999⁹⁵
MS 441 \$1,039.95 with 16" bar
70.7 cc / 4.2 kW / 6.6 kg (14.6 lb)*
Wrap-Handle version also available for \$1,029.95
STIHL Arctic™ version also available for \$1,089.95

STIHL MOTOMIX™ THE ULTIMATE PREMIXED FUEL!
GET YOURS HERE TODAY!
Feature prices are in effect until February 3, 2017 for all power tools at participating STIHL Dealers, while supplies last.
*Powerhead only.

STIHLCanada
www.stihl.ca

Peter's Engine & RENTAL CENTRE

851 NORTH SHORE DR., DUNNVILLE
905.774.7615
1.888.226.5105 • www.petersengine.ca

Find Us On Twitter At: @haldimandpress

REMINDER NOTICE OF SECOND PUBLIC MEETING

To be held by Nanticoke Solar LP regarding a Proposal to Engage in a Renewable Energy Project

REMINDER NOTICE OF DRAFT REA DOCUMENTS RELEASE

By Nanticoke Solar LP

Project Name: Nanticoke Solar Project

IESO Contract Number: L-006354-SPV-001-044

Project Location:

The project involves the design, construction and operation of an approximately 44-megawatt (MW) solar electricity facility in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Dated at Haldimand County on November 24, 2016

Nanticoke Solar Limited Partnership (LP) is planning to engage in a renewable energy project in respect of which the issuance of a Renewable Energy Approval (REA) is required. The proposal to engage in the 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 and Climate Change.

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 alternating current (MW_{AC}) solar electricity generation facility. If approved, this facility would have an approximate nameplate capacity of 44 MW. The project location is depicted on the included map. The *Draft Project Description Report for the Nanticoke Solar Project* provides an overview of the proposed project including location, components, activities and potential negative effects.

Meeting Information and Location:

A public meeting was first held on June 3, 2015, to provide information to, and consult with, community members, stakeholder groups, Indigenous communities and government agencies. Nanticoke Solar LP is hosting a second public meeting in order to comply with the requirement of the ACT and Regulation. Copies of the draft documents will also be made available at the meeting for viewing.

DATE: Thursday, February 2, 2017	TIME: 3:30 p.m. to 8 p.m.	PLACE: Nanticoke Community Hall, 38 Rainham Rd, Nanticoke, ON
---	----------------------------------	--

Documents for Public Inspection:

Draft copies of the REA documents are available for public inspection as of November 24, 2016, at the following locations:

Haldimand County Municipal Offices Cayuga Administration Building 45 Munsee St North, Cayuga, ON Monday to Friday, 8:30 a.m. to 4:30 p.m. T: 905-318-5932	Jarvis Public Library 2 Monson St, Jarvis, ON T: 289-674-0400
--	--

An electronic copy of the REA is available on the applicant's website at www.nanticokesolar.com

Draft reports which make up the REA package include:

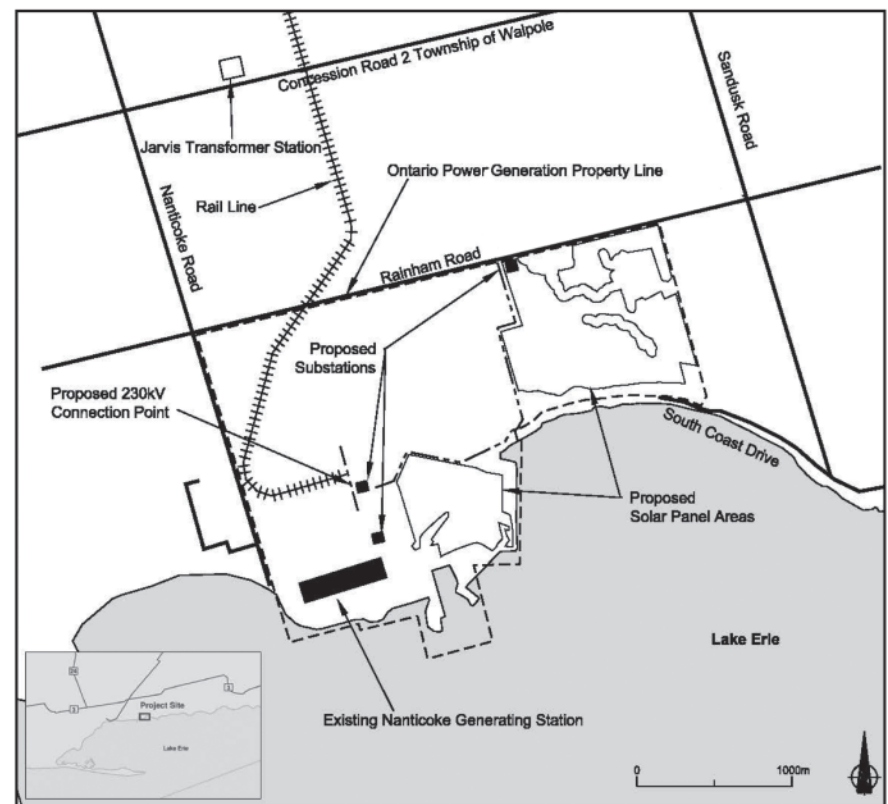
<ul style="list-style-type: none"> • Project Description Report • Construction Plan Report • Design and Operations Report • Decommissioning Plan Report • Cultural Heritage Assessment 	<ul style="list-style-type: none"> • Archaeological Assessment • Natural Heritage Assessment • Water Assessment • Site-Specific Noise Study Report • Conceptual Stormwater Management Report
---	---

Project Contacts and Information:

To learn more about the project and public community meeting, or to communicate concerns, please contact:

Phil Shantz Environmental Planning Lead (Canada) Arcadis Canada Inc. 121 Granton Drive, Unit 12 Richmond Hill, ON L4B 3N4 T: 905-764-9380 ext. 434	Gillian MacLeod Senior Environmental Advisor Ontario Power Generation 700 University Ave Toronto, ON M5G 1X6 T: 416-592-3481 F: 416-592-3489
---	---

Project Email: info@nanticokesolar.com **Project Website:** www.nanticokesolar.com



Appendix A-3: Comment/Response Table

APPENDIX A-3: Comment / Response Table

Summary of Public Comments/Responses

Section	Comments	Response
Aesthetics/Appearance		
	Concern that the solar project will have a large, ugly profile, and hope that it will not have a profound impact on the appearance of the area.	The proposed project will be located within the footprint of the Nanticoke GS Coal Yard, and the East, Centre, and West land parcels, and it will be enclosed in security fencing. The visual impact of the Project will be minimized by selective placement of module rows to minimize impact, and selective placement of vegetative visual buffers.
	Will there be berms to block the view of solar panels and address visual impacts?	No berms are planned. The visual impact of the Project will be minimized by selective placement of module rows to minimize impact, and selective placement of vegetative visual buffers.
Closure of the Nanticoke GS Coal Plant and Future Use		
	Has Nanticoke given up its fossil fuel licence? I was under the impression that it would expire soon if the station was no longer operating.	Nanticoke Solar is not in a position to address this question.
	Although I understand the prudence of keeping the coal-fired facility functional for contingency purposes, I support the demolition of the emission stacks.	Comment noted
	How will the decommissioning of the Nanticoke GS impact water and electricity for Haldimand County?	The REA for the Nanticoke Solar Project did not assess the closure of the OPG Nanticoke GS. Nanticoke Solar is a separate entity and is not able to address this question. Ontario Power Generation is responsible for the Nanticoke Generating Station.
	When the Nanticoke GS closes, who will be responsible for managing water runoff from the coal pile?	Nanticoke Solar is leasing the former coal yard from OPG. Prior to commencing the term of the lease, Ontario Power Generation (the Landlord under the lease) will be removing all coal from the former coal yard. Stormwater at the former coal yard will continue to utilize the existing water treatment process for storm water. This treatment system is currently used to manage existing runoff.
	Why can't the Nanticoke GS be a natural gas station?	Nanticoke Solar is not in a position to address this question. Ontario Power Generation is responsible for the Nanticoke Generating Station.

Section	Comments	Response
Closure of the Nanticoke GS Coal Plant and Future Use (Cont'd)		
	What are the decommissioning plans for the Nanticoke Generating Station and what is the anticipated timing?	Ontario Power Generation is responsible for the decommissioning of the generating station. Nanticoke Solar is not in a position to address this question.
	Why are there utility poles being erected in the Nanticoke GS?	The Hydro One switchyard is currently supplied by OPG's Reserve Station Service Transformer. The Nanticoke GS Site is erecting utility poles to bring in a feed from the Local Utility to the Switchyard.
Coal Pile / Coal Yard / Fly Ash Pile		
	What is the long term plan for the fly ash pile? Will the fly ash contaminate drinking water?	Ontario Power Generation is responsible for the decommissioning of the generating station, including the ash pile. Nanticoke Solar is not in a position to address this question.
Construction		
	When will construction begin?	Construction is scheduled to begin as early as November 2017, with the majority of construction activities taking place in 2018.
	How much concrete will be used to construct the project?	Very little concrete will be used. The foundation system for the solar panel racking will utilize concrete. Concrete may be used for Inverter and Main Output Transformer foundations.
	Will construction cause dust and grime to accumulate on neighbouring properties and solar projects?	Some dust is possible during the construction phase. Dust will be managed by enforcing speed limits within the site during construction and the use of water to suppress dust, if required. During operations, vegetation will be used to minimize dust.
	Concern about the possibility of dust migrating to the Oneida Baptist Camp in July and August.	Dust will be managed by enforcing speed limits within the site during construction and the use of water to suppress dust, if required. During operations, vegetation will be used to minimize dust.
	Concern regarding erosion.	The Solar site will be managed during construction to ensure proper erosion and sediment control measures are implemented to prevent erosion and the transport of sediment off site. A Conceptual Stormwater Management Plan Report has been prepared and reviewed by regulators including the conservation authority.

Section	Comments	Response
Construction (Cont'd)		
	Concern regarding noise due to construction.	All construction activities are planned to comply with any applicable requirements by Haldimand County regarding noise.
	Support for the solar project and no concern regarding construction.	Comment noted.
	Assuming that trucks will be coming in from off-site to deposit soil etc. to assist in grading; what type of material will be used?	We will not be importing any fill material to the property; instead we will ensure that grading utilizes only materials currently existing on the property.
	What is the 10 micron particle count with moving dirt and dust around?	Dust during construction will be minimized by way of speed limits and enforcements within the property on interior access roads, as well as the use of water for dust suppression if required.
	What is the project schedule? How will OPG conduct procurement?	The schedule overview can be found in the Project Description Report. Procurement will be completed by Nanticoke Solar LP via a services contract with the OPG Supply Chain team. Requests for Proposals will be issued for the major components and qualified parties will be invited to submit proposals.
	Heavy equipment will ruin our roads, so ensure that any damage that is done will be fixed. Who will be responsible for fixing the roads following construction?	Nanticoke Solar LP is currently in the process of finalizing a Road Use Agreement (RUA) with Haldimand County, which will govern road use. Road damage and repair as a result of construction will be governed by the RUA, and Nanticoke Solar LP will be responsible for repairing damage.
	What hours of the day will construction take place?	All construction activity will take place in accordance with Haldimand County's requirements regarding noise.
	Will topsoil be brought from off-site?	No
	Will grass/vegetation be planted following construction?	Yes
	Where are the connections located?	The connection to the Hydro One transmission system will be near the substation location adjacent to the Hydro One Nanticoke TS (within the Nanticoke GS lands).

Section	Comments	Response
Construction (Cont'd)		
	Why were construction activities recently taking place (January 2017) in the agricultural lands of the project location?	Nanticoke Solar LP was conducting testing in order to reduce the geotechnical risks of the site by conducting a pile testing program. The program tested driven piles, helical piles, and ground screws. Approximately 45 piles were axially and laterally tested. In addition, approximately 200 locations were torque tested.
	Concern regarding littering and garbage by workers during construction.	Litter avoidance and appropriate clean-up procedures will be added as a component of the Environmental Management Plan required by the general contractor for the construction phase of the project.
	Concern regarding security in and around the area, and that the project may attract vandals and crime. Will there be full-time staff and security cameras on the premises?	Full-time (24/7) security personnel will be stationed at the property throughout construction. During construction, security cameras will be installed to allow for a complete view of the interior fences of the facility, which will remain in operation throughout the operation phase.
Cost		
	What is the cost of the project?	This project entered into a power purchase agreement through the IESO LRP I tender process. Information about electricity and procurement programs can be found on the Independent Electricity System Operator (IESO) website, please visit the IESO website at http://www.ieso.ca .
	Solar power is too expensive. There are too many costs when compared to the amount of electricity generated.	Comment noted.
	Cost overruns and project inefficiencies steal work from fellow Ontarians because high electricity rates drive industry to other jurisdictions.	Comment noted.
	Concern about affordability of the project without having a radical impact on taxes.	Comment noted.

Section	Comments	Response
Decommissioning / Project Life Cycle		
	What will be the anticipated project life, in years?	The project is expected to be operational for a minimum of 20 years, and is planned to be operational for 30 years or greater.
	Please rehabilitate the land when the project is decommissioned.	Please see Decommissioning Plan for details about planned decommissioning activities.
	What is the life span of the equipment? What happens once the equipment reaches end of life?	The life span of the equipment is approximately 20-35 years. It may be determined that the project is still viable and equipment may be refurbished or replaced, at a future date. Once a decision is made to decommission the facility, the project will follow the Decommissioning Plan.
Employment Opportunities		
	How many jobs will be created following the construction of the Nanticoke Solar Project?	It has been estimated approximately two full time or equivalent will be required for maintenance and repair of Nanticoke Solar. There are additional employment opportunities for site landscaping, road maintenance grass maintenance and snow removal.
	OPG has been good with unions, will this continue? Will unions be involved with this solar project?	Yes, use of unionized labour will be a requirement for this project.
	Please secure as much local labour as possible.	Comment noted.
	The solar project will create local jobs, so the economic benefits are welcome.	Comment noted.
	What are the timelines for the construction and contractor selection process?	The schedule overview can be found in the Project Description Report. Procurement of services and equipment will take place in Q2 and Q3 2017.
	How can prospective candidates be notified regarding the Nanticoke Solar Contractor or Equipment supply bid lists?	Prospective candidates can contact OPG's Supply Chain or provide their information via the e-mail address, info@naticokesolar.com .

Section	Comments	Response
Employment Opportunities (Cont'd)		
	Are there any requirements to procure Canadian products?	The Large Renewable Procurement I (LRP I) program does not have any restrictions on procurement.
Environmental Effects		
	Concern regarding the creek that runs through the Dennis Farm lands. Currently, runoff from the creek results in a buildup of <i>E.coli</i> which causes the Oneida Baptist Camp to close their beach every summer.	Nanticoke Solar has produced a Conceptual Stormwater Management Plan that has been reviewed by the regulators including the conservation authority. Stormwater drainage is expected to be very similar pre and post construction. Construction and operation of Nanticoke Solar is not expected to alter the baseline or future conditions with respect to <i>E.coli</i> levels of the creek either upstream or downstream. Nanticoke Solar will not generate <i>E.coli</i> as a result of its construction or operations.
	What impact will the project have on ground water runoff and runoff via Hickory Creek? Are any mitigation measures planned?	The construction and operation of the proposed solar facility are not expected to have an impact on runoff. Post-construction drainage patterns are expected to be very similar to pre-construction levels. A Conceptual Stormwater Management Plan Report has been drafted and reviewed by the regulators and the conservation authority.
	Concern regarding groundwater management at the coal pile, where the solar project might result in runoff into Lake Erie that will affect water quality, particularly as the County's water intake facility is located west of the coal pile on OPG's Nanticoke GS site.	There will be no direct runoff from the proposed solar facility into Lake Erie. Coal will be removed from the lands to be leased by Nanticoke Solar LP prior to the start of construction. The storm water management system for the former coal yard will utilize the existing operational stormwater treatment infrastructure. Adverse impacts are not anticipated.
	Once the solar project will be built and operational, will OPG continue to use its existing Nanticoke GS monitoring wells to monitor groundwater, particularly around the coal pile?	Residual Coal is being removed from the Coal Pile by the Landlord, OPG, prior to construction. Nanticoke Solar will have its groundwater monitoring program in place and no groundwater concerns are anticipated for lands leased by Nanticoke Solar. Nanticoke Solar is not in a position to address questions regarding Ontario Power Generation's continued activities at their GS.
	Concern about glare from the solar panels.	Any glare that may exist in the viewsheds of neighbouring residences will be mitigated with selective vegetative visual buffers.

Section	Comments	Response
Environmental Effects (Cont'd)		
	Will the solar panels increase the amount of benzene in the water?	The solar panels will not contribute to benzene in surface or ground water
	The microclimate of solar farms affects local residents and agriculture (within 300 metres according to one Columbia University study). I expect measures will be put into place to mitigate against that.	Nanticoke Solar has undertaken an environmental assessment in accordance with the Renewable Energy Approval by identifying baseline conditions, identifying potential impacts and associated mitigation measures.
	It is likely that trees will need to be cleared for the solar project, so I encourage the forestation of other areas to make up for any loss of habitat and carbon sequestration.	All woodlots are being preserved in a buffered zone that will not be cleared or disturbed.
	Solar panels could be harmful to the environment which would eliminate the benefit of a green energy source.	Comment noted.
	Please ensure the preservation of as much surrounding green space / ecological surroundings as possible, and that the wildlife will not be affected.	Woodlots, wetlands and watercourses are being preserved in a buffered zone that will not be cleared or disturbed.
	Please be sensitive to the Bald Eagles. Will the project impact the Bald Eagles in the vicinity of the project location? Also, what happened to the nesting platforms?	To the best of our knowledge no Bald Eagles or nests have been observed in or near the Project Location. There are no records of Bald Eagles nesting on or within 120 m of the Project Location during the records review. None of the habitat on or within 50 m of the Project Location is suitable wintering habitat for Bald Eagles
	Extreme weather conditions are becoming the norm. How will overall drainage be integrated to prevent erosion during exceptional rainfall events?	A Conceptual Stormwater Management Plan has been drafted and reviewed by regulators and the Conservation Authority.
	What are the anticipated impacts on ground water resources quality/quantity?	A Groundwater Monitoring Program Report was developed to monitor and mitigate impacts on ground water. No impacts on groundwater are anticipated as a result of the Nanticoke Solar project.

Section	Comments	Response
Environmental Effects (Cont'd)		
	Why is the Bobolink replacement habitat located in Sarnia?	Nanticoke Solar LP was obligated to source lands for replacement habitat which met a number of criteria listed in O Reg. 242/08, including the requirement for lands to be located in the same 'Ecoregion' to our Project Location. Nanticoke Solar LP used commercially reasonable efforts to source replacement habitat as close to the Project Location as possible, and was successful in securing suitable lands near Sarnia, within the same Ecoregion.
	What is required under the regulation with regard to the Bobolink? Is this the same for all Species at Risk? Was a permit obtained?	For Information on the Bobolink Regulations please refer to the MNRF website: https://www.ontario.ca/page/bobolink-and-eastern-meadowlark-habitats-and-land-development The <i>Endangered Species Act</i> regulates individual species. The Bobolink regulation 242/08 is specific to Bobolink. There are habitat regulations for each individual species that require an overall benefit permit. No overall benefit permit was required for this project.
	Are there fox snakes, and endangered species, located on the project site?	Field work undertaken for the Nanticoke Solar Project did not identify any Fox Snakes. No regulated habitat was located during fieldwork. No other endangered species other than Bobolink were found on the Project Location.
	I did not find anything in the Natural Heritage Assessment Report about the Bobolink. Also wild turkeys were not even listed on the list of mammals as being present in the project area. Is the overall benefit permit concerning bobolink available for the public to view in the REA documents?	Under the REA, threatened and endangered species such as the bobolink are dealt with outside the Natural Heritage Assessment Report (NHA) and details are not included in the NHA due to confidentiality issues related to disclosing locations of the species at risk. They are included in a separate report which is provided directly to MNRF. Nanticoke Solar biologists observed wild turkey and this is reported in the section dealing with the records review of the NHA as well as the field work list under birds. We will add information to the project file that wild turkeys have been seen by residents in the area

Section	Comments	Response
Environmental Effects (Cont'd)		
		Because Nanticoke Solar met all the requirements of the Bobolink regulation (O Reg. 242/08) a benefits permit was not required, but rather followed the prescribed process/procedure in the regulation to register with MNRF.
	I worked over the last 7 years maintaining and monitoring 150 bird boxes which were used as part of a larger study of migration and breeding in Ontario. Who do I contact to continue this project?	Nanticoke Solar has made OPG aware of this inquiry and staff from OPG have contacted the interested party to discuss bird boxes.
Miscellaneous		
	Concern about access to property using a laneway that currently runs through Imperial Oil lands. Will OPG continue to allow such access?	Nanticoke Solar is planning to leave a strip of land at least 5 meters wide along the eastern property boundary of the East Parcel Lands unfenced and unencumbered. We do not require use of this area for our project. Nanticoke Solar LP leases this parcel from Imperial Oil, and since this 5m wide area will not be used by our solar project, whatever previous arrangements other parties had with Imperial Oil should not be affected by Nanticoke Solar.
	There has been very poor communication regarding local wind projects and we are fearful that OPG would be the same way.	Nanticoke Solar started consulting with the community in 2015 prior to winning the LRP1 bid. Two public meetings were held in 2015 (one on June 3, 2015 and one on August 27, 2015). A project web site has been operational since 2015. Reports were distributed in accordance with the REA process and a final public meeting was held on February 2, 2017. Nanticoke Solar is committed to consulting with the community during construction and operations.
	Concern about cell phones not working (i.e., the creation of a dead zone).	Comment noted.
	General concern regarding the cost of electricity in Ontario.	Comment noted.
	I support OPG and see OPG as a big supporter of the local community. I would like to continue to see open communication with the community as they have always done.	Nanticoke Solar is committed to communicating with the community during construction and operations as they have done during the REA process.
	How will the solar project impact property values in the area?	There is no anticipated impact to property values as a result of the Nanticoke Solar Project.

Section	Comments	Response
Miscellaneous (Cont'd)		
	I read on a blog that hydro spilled 1.5 terawatt hours (TWh) last year. I think this is unfortunate given how clean the power is.	Comment noted.
	I am grateful for green energy initiatives in our province, and support this project.	Comment noted.
	Maintaining clean water and clean air are the most important for a healthy environment.	Comment noted.
	What measures will be employed to limit the fire hazard conditions under the panels during extended dry periods?	Nanticoke Solar is committed to working with the Municipality on an Emergency Management Procedure/Safety Protocol with the County's Emergency Services Division. Design of Nanticoke Solar will comply with all relevant Laws and Codes.
	If berms are to be installed for screening, what measures will be used to control weed growth?	There are no berms planned at this time.
	What role does OPG have in the Ontario electrical system?	OPG is one of many generators of electricity in Ontario as will be Nanticoke Solar LP.
	What role does SunEdison have in this project? Are SunEdison the people who will construct the solar farm?	SunEdison will not have an active role in this project. Construction and Operations of the Nanticoke Solar Project will be led by Ontario Power Generation, via a services contract between Nanticoke Solar LP and OPG.
	I am glad that coal is gone, and happy to see this land used for renewable energy. I do not like the air emissions.	Comment noted.
	What is happening with the Lake Erie underwater cable?	Nanticoke Solar is not responsible for the underwater cable and is not in a position to address this question.
	Would it be possible to establish public access to the Nanticoke GS property in the Northwest corner where naturalization has occurred?	Nanticoke Solar does not have land use rights with respect to the Northwest corner of OPGs property. Nanticoke Solar is only leasing the former coal pile area and the Central Parcel from OPG.
	OPG participated in many environmental initiatives, and they are leaders and good corporate citizens. What will happen to these initiatives?	Nanticoke Solar is a separate entity to OPG, however it is our understanding that OPG is assessing options.

Section	Comments	Response
Miscellaneous (Cont'd)		
	Many attendees of the public meetings were pleased that Nanticoke Solar LP held the public meetings to inform the community about project updates and information.	Comment noted.
	Will the project website remain online after the final REA reports are submitted to the MOECC?	Yes. The project website will remain online following submission of the final REA reports to the MOECC. Key project updates and milestones will be posted to the website, as they arise, and will continue through the construction period
Post-Construction / Operations		
	How will groundwater and erosion be controlled? What will happen to drainage, post-construction.	Nanticoke Solar has prepared a Conceptual Stormwater Management Plan that describes baseline and future drainage patterns. It is anticipated that there is minimal difference between baseline and future drainage. This Plan has been reviewed by the regulators and the Conservation Authority. A Groundwater Monitoring Program Report has also been developed and will be implemented.
Project Location		
	Will the solar project be fenced in? Ensure that people will not be able to wander off and be exposed to electrical risks.	The solar project will be enclosed with security fencing.
	I was worried that the solar project would be too close to me and I'm glad that it will be located on the other side.	Comment noted.
	I think the solar project is a good use of existing lands, and I have no concerns regarding the project.	Comment noted.
REA Field Studies		
	General interest in archaeology. What is studied and what is the cost? Have all archaeological studies been completed? If not, what studies remain to be done?	Stage 1 and Stage 2 archaeological assessments have been completed. Stage 3 and 4 studies will be completed in 2017. For more information on the archaeological studies, please consult the <i>Report on the Stage 1 and 2 Archaeological Assessment in Support of the Nanticoke Solar Project</i> .
	When was the field work conducted?	Field studies took place in the spring, summer, and fall of 2016.

Section	Comments	Response
REA Field Studies (Cont'd)		
	Concern that noise is an issue.	Nanticoke solar will meet Haldimand County and MOECC noise requirements.
	Concern regarding wildlife and species at risk (i.e., snakes, deer, coyotes, and animals identified in the draft natural heritage assessment report).	The Natural Heritage Assessment Report has been reviewed by the regulators, specifically the MNRF, who are satisfied that Nanticoke Solar has undertaken appropriate baseline studies, identified potential impacts and committed to appropriate mitigation where needed.
Solar Power / Solar Panels		
	I would like to know what the solar cell grade will be.	Poly-Si or Mono-Si photovoltaic modules will be used for this project, with a wattage of between 300W – 380W.
	How much of the solar panels will I see from my own front door?	The visual impact of the Project will be minimized by selective placement of module rows to minimize impact, and selective placement of vegetative visual buffers.
	What is the efficiency of solar panels?	Solar panels convert energy from sunlight into electricity. The more sunlight the panels receive; the more power they are able to produce. Detailed climate models were employed to predict the annual production of the Project given the average amount of expected sunlight at the Project location. A condition of the LRP1 was a requirement that solar equipment be more than or equal to 15% efficient.
	Will the solar panels track the sun?	Nanticoke Solar may employ a fixed racking system, or a tracking racking system that tracks the sun. This decision will be made at the time of detailed design.
	What is the structure proposed to keep the solar panels down?	Nanticoke Solar may employ a fixed racking system, or a racking system that tracks the sun. This decision will be made at the time of detailed design.
Use of Farmland		
	Concerned with the loss of productive farmland occupied by the solar panels.	Nanticoke Solar is proposing a solar project on land located on the former coal pile, as well as the East, Center, and West parcel. These lands are designated in the Official Plan as industrial and mineral aggregate resource lands.
	Is the land for the solar project Class I agricultural land?	Lands used for Nanticoke Solar are not Class I agricultural land.
	Are there opportunities for the solar project and agriculture to coexist on the same site?	Given health and safety requirements, there are limited opportunities for agricultural use to coexist with an industrial electricity generating facility.

Section	Comments	Response
Use of Farmland (Cont'd)		
	<p>The Haldimand clay plain is characterized by shallow topsoils, resulting in a very fragile agricultural profile. Is it necessary to flatten the site, thereby disturbing the topsoil, disrupting natural drainage patterns, and limiting future potential rehabilitation to a productive agricultural resource?</p>	<p>Topsoil will be left wherever possible, and site grading will be conducted in a manner that minimizes impact on storm water drainage patterns and limits them to approximately pre-construction conditions. If grading is required, efforts will be made to replace topsoil over disturbed and graded areas to maintain possible agricultural use after the operation phase of the Project.</p>
	<p>What kind of vegetative ground cover is planned under the panels?</p>	<p>A low-growth, slow-growing vegetation is planned for under the panels.</p>
	<p>How is the growth of weeds planned to be managed?</p>	<p>Noxious weeds will be limited, and low-growth vegetation will be maintained throughout the site. Periodic mechanical maintenance (cutting) will be required to ensure that the height of vegetation is maintained at an adequate level.</p>
	<p>Is there potential for crop production under the panels? If so, is there potential for grazing for small animals/livestock (i.e., sheep, goats)?</p>	<p>Nanticoke Solar did assess the viability of crops and small animals/livestock, but safety considerations, among others, make this an unviable option.</p>

Appendix B: Public Meeting Materials and Public Consultation

Appendix B-1: Public Meeting #1



Nanticoke Solar Project

Welcome to our First Public Community Meeting

June 2015

ONTARIO **POWER**
GENERATION



Meeting Objectives

- To introduce the community to the proposed Solar Project, and the related processes that are taking place
 - Large Renewable Procurement (LRP I)
 - Renewable Energy Approval (REA)
- To provide the community with the opportunity to share with OPG their interests, concerns, input, questions, ideas with respect to the Solar Project

Public consultation will occur throughout both concurrent processes



About OPG

OPG was created in 1999 from the assets of Ontario Hydro



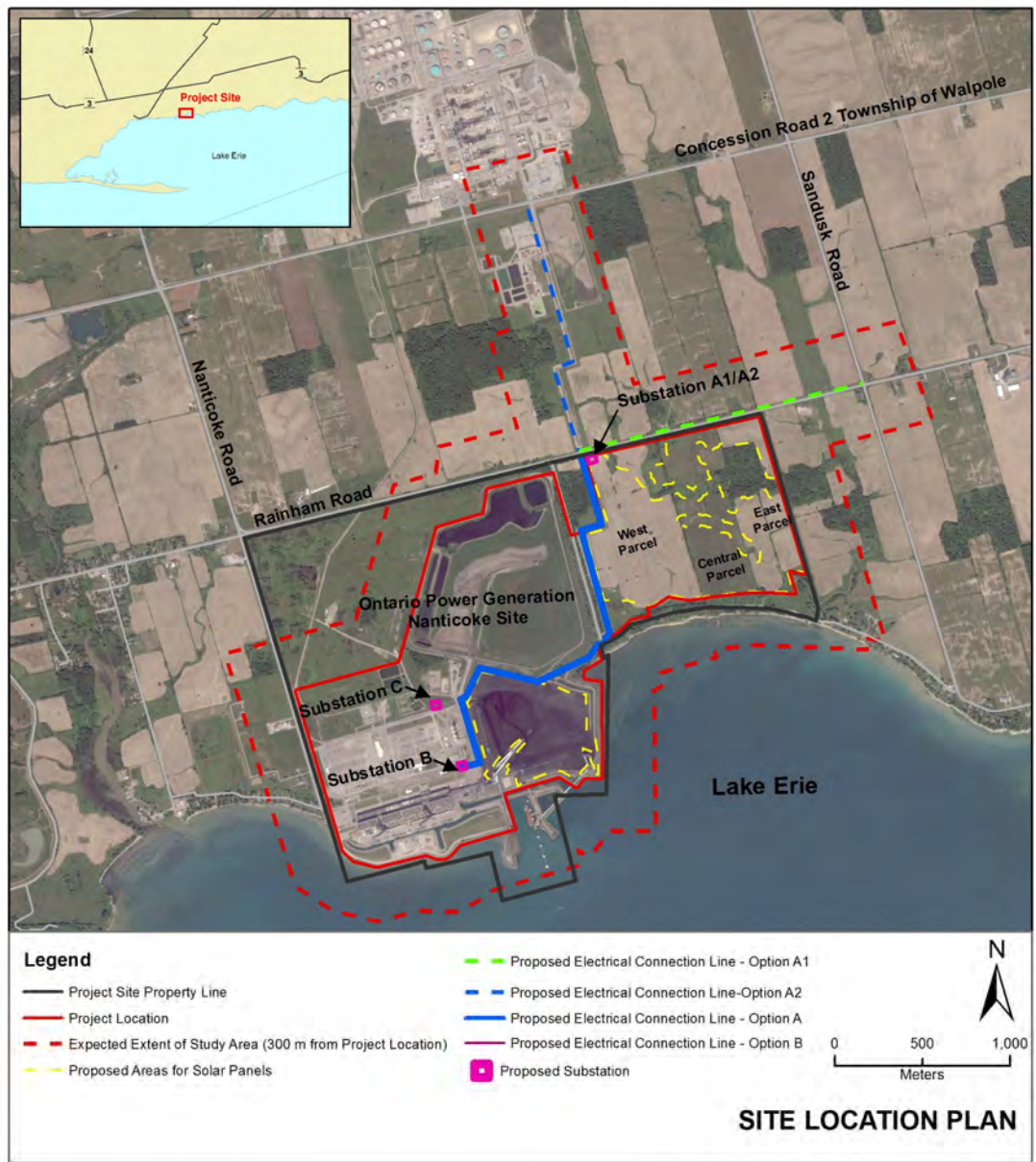
- OPG’s generating portfolio has a total capacity of over 16,000 megawatts (MW)
 - 2 Nuclear Stations
 - 3 Thermal Stations
 - 65 Hydroelectric Stations
- OPG is allowed to participate in the Large Renewable Procurement (LRP)
- Solar projects are one of the best short to medium term growth opportunities for OPG:
 - OPG’s market share has been shrinking (coal closure)
 - Limited demand for new generation in the Province
 - New revenue stream (from Green Energy)
- Allows OPG to leverage and utilize existing sites
- OPG is bidding this project as part of the Independent Electricity System Operator (IESO) LRP I





Site Location Plan

- OPG is proposing to design, build and operate up to a 50 MW Solar Energy Project in Haldimand County
- To be located on 4 land parcels at:
 - Existing OPG Nanticoke GS site
 - Additional lands OPG owns
 - Adjacent lands OPG plans to lease (East and West Parcels)





Large Renewable Procurement (LRP)

- Solar generation in Ontario will grow from 2% of installed capacity in 2013 to 8% in 2025.
- The Ministry of Energy has directed the IESO to develop a Large Renewable Procurement (LRP) program for projects over 500 kW in which OPG can participate.

LTEP - Renewable Energy Competitive Procurement Targets (Ministry of Energy, 2013)				
	Wind	Solar	Bioenergy	Hydroelectric
LRP I (2014-2015)	300 MW	140 MW	50 MW	75 MW
LRP II (2015-2016)	300 MW	140 MW	50 MW	45 MW
LRP III (2016)	TBD	TBD	TBD	TBD

TBD based on capacity re-allocated from projects not procured or developed through previous procurements.

- The Solar procurement process is highly competitive with 32 applicants qualifying to submit proposals into the LRP.
- Multi-faceted evaluation criteria
- The LRP timeline:
 - Proposals submitted to IESO in September 2015
 - Decision on what projects proceed expected December 2015



Site Considerations Information

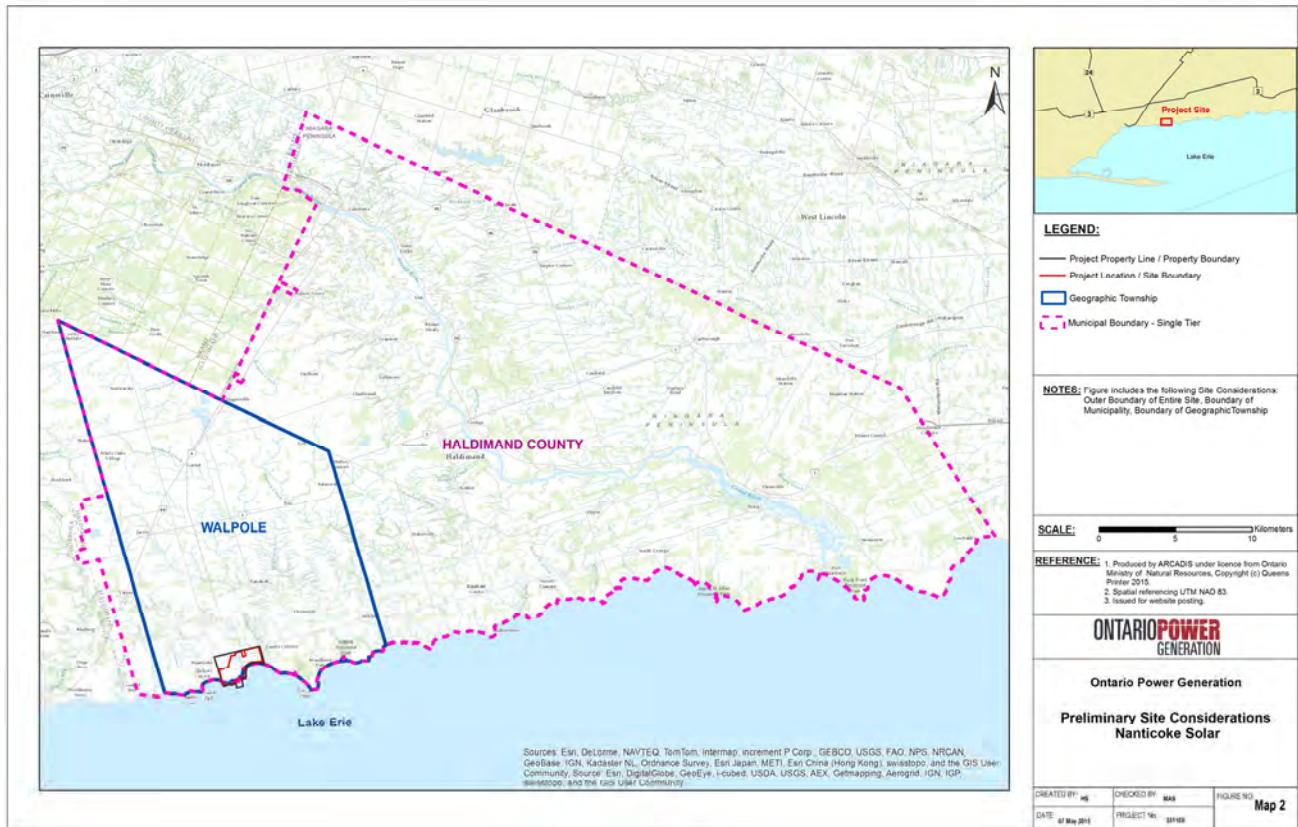
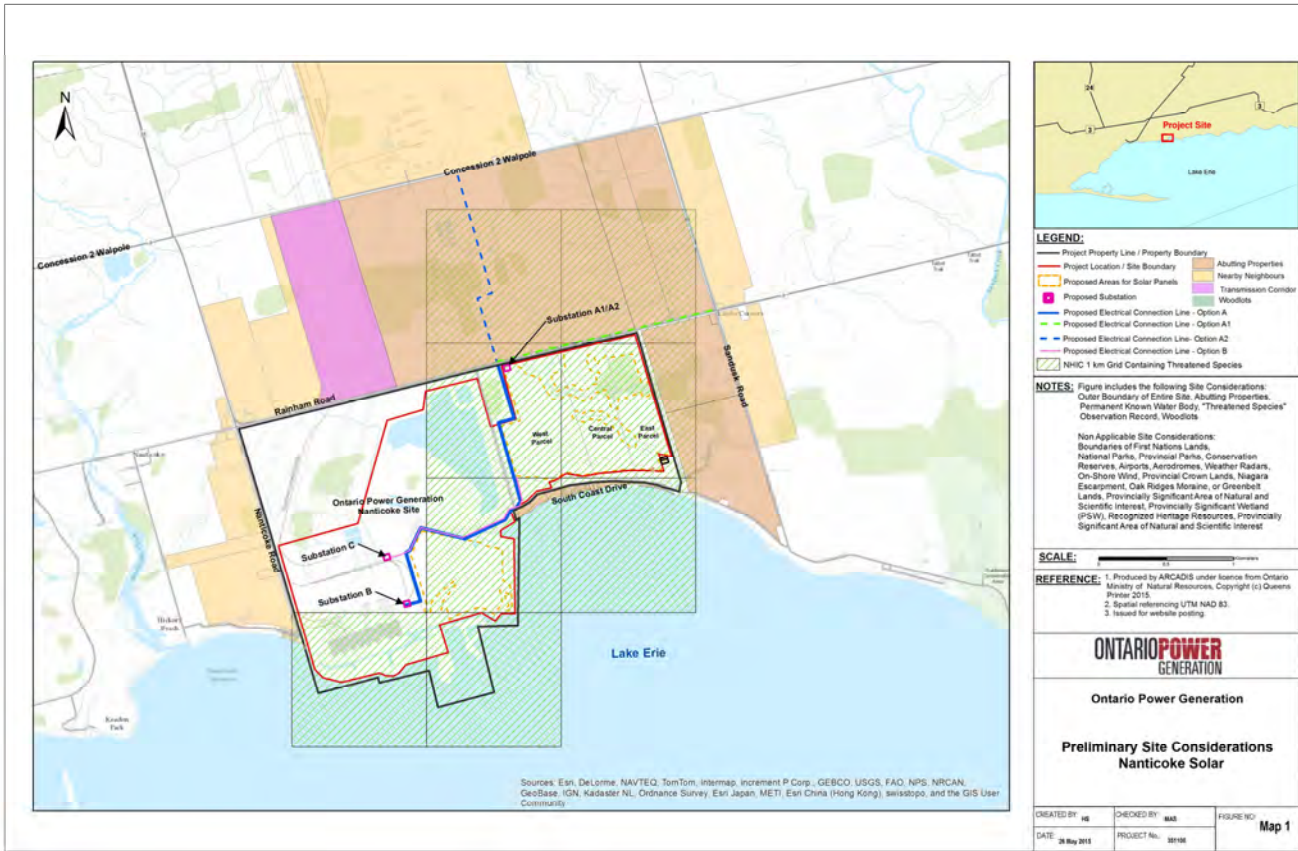
The following table outlines where site considerations information required by the LRP process can be found on the maps:

Site Considerations Information	Map Location
Site location and extent of property	See Map 1
Proposed Connection Lines and Points	See Map 4 and 5
Proposed location of Key features of the project	See Map 6
Municipal boundaries	See Map 2
Boundaries of First Nations Land on which site or connection line is to be located	The project and proposed connection line does not affect boundaries of First Nations Land
Boundaries of geographic township in which project is located	See Map 2
Highways (as defined by Highway Traffic Act) within 5 km of the project site	See Map 3
Railways within 5 km of project site	See Map 3
National park, provincial park, and or conservation reserves located within 120 metres of site or proposed connection line	None of these features are located within 120 m of the site or proposed connection line
Any airports, aerodromes and weather radar within 5km of the site or the proposed connection line.	None of these features are located within 5 km of the site or proposed connection line
Property boundaries for each site on which project and proposed connection line are situated and all properties abutting these properties	See Map 1
Any permanent known water body located within 120 m of the site and proposed connection line	See Map 1
If project is to utilize on-shore wind	Not applicable
If project is to be located on crown lands	Not applicable
If project and proposed connection line is to be located within <ul style="list-style-type: none"> • a Natural Heritage Information Centre 1km grid square which contains endangered or threatened species observations • within 120 m of a provincially significant area of natural and scientific interest • within 120 m of a known provincially significant wetland • within or abutting an area designated in the plan approved under the Niagara Escarpment Planning and Development Act, the Oak Ridges Moraine Conservation Act, the Green belt Act and the Lake Simcoe watershed • or abutting a recognized heritage resource 	See Map 1

Note: Information for Site Considerations Mapping is from the following electronic sources:

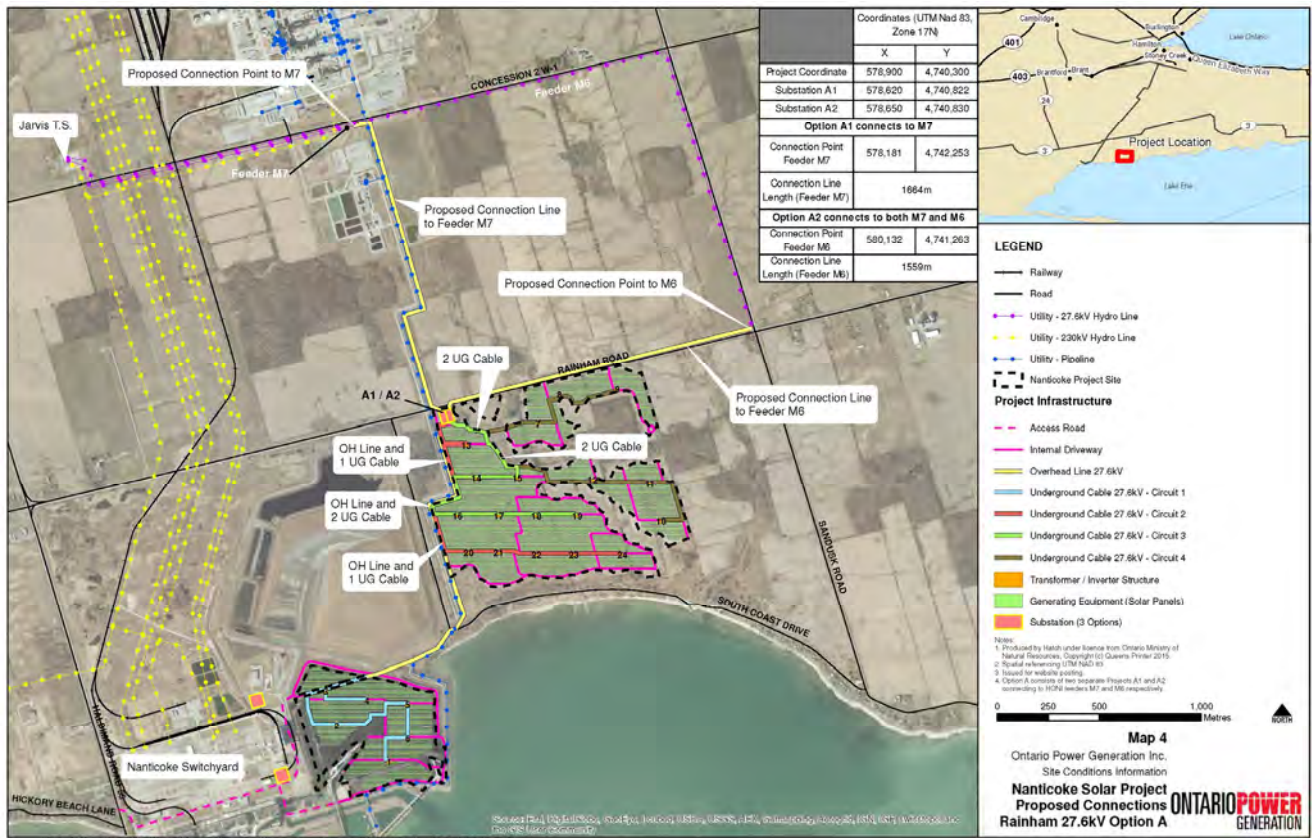
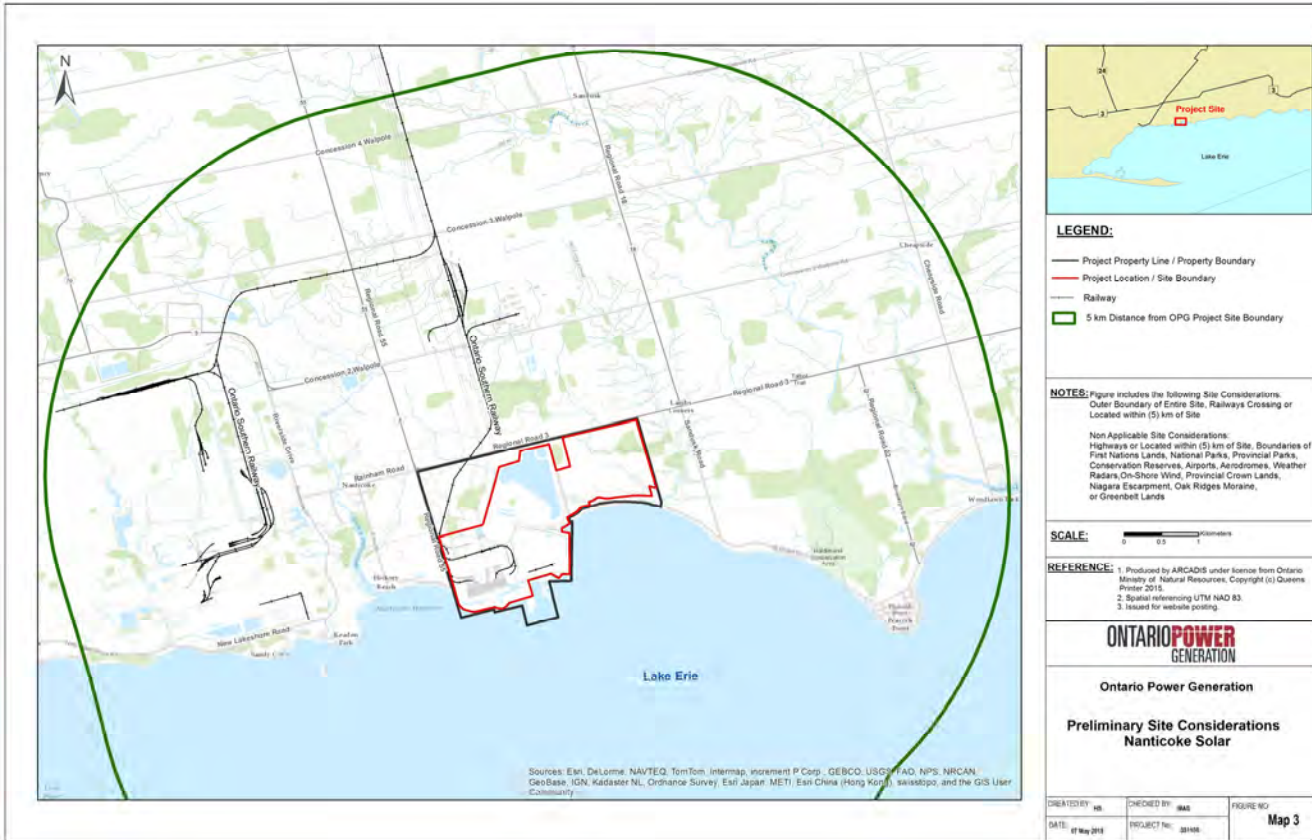
- World Topographic Map hosted by ESRI, including boundaries, cities, water features, physiographic features, parks, landmarks, transportation, and buildings.
- Land Information Ontario open database, as provided by the Ontario Ministry of Natural Resources and Forestry.
- Geowarehouse – Title Search Ontario and Land Titles.
- Heritage Resource locations were provided by municipal, provincial and federal heritage planners with jurisdiction over the Project Property Boundaries. The Large Renewable Energy Project and proposed Connection line are not located within or Abutting a recognized heritage resource.

Site Considerations Maps



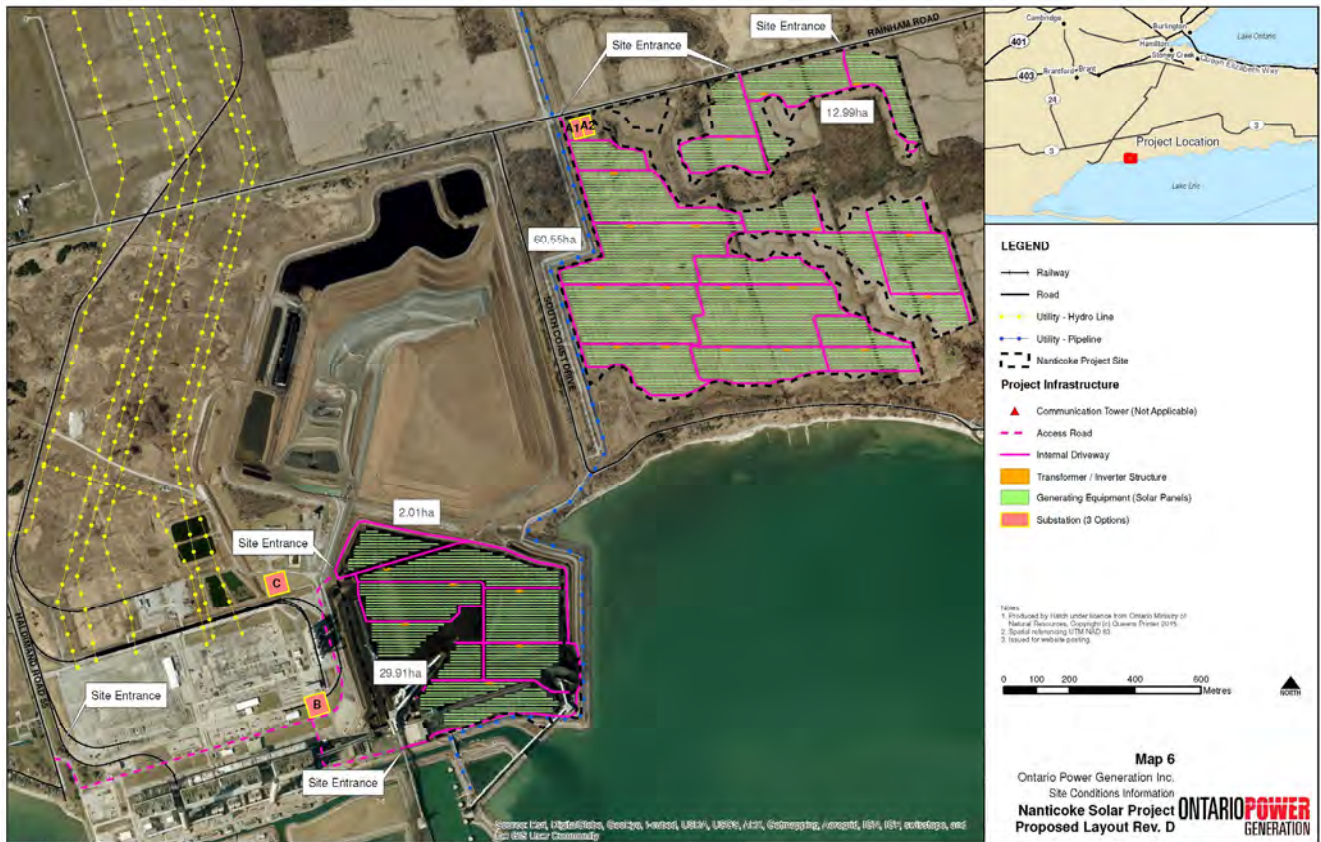
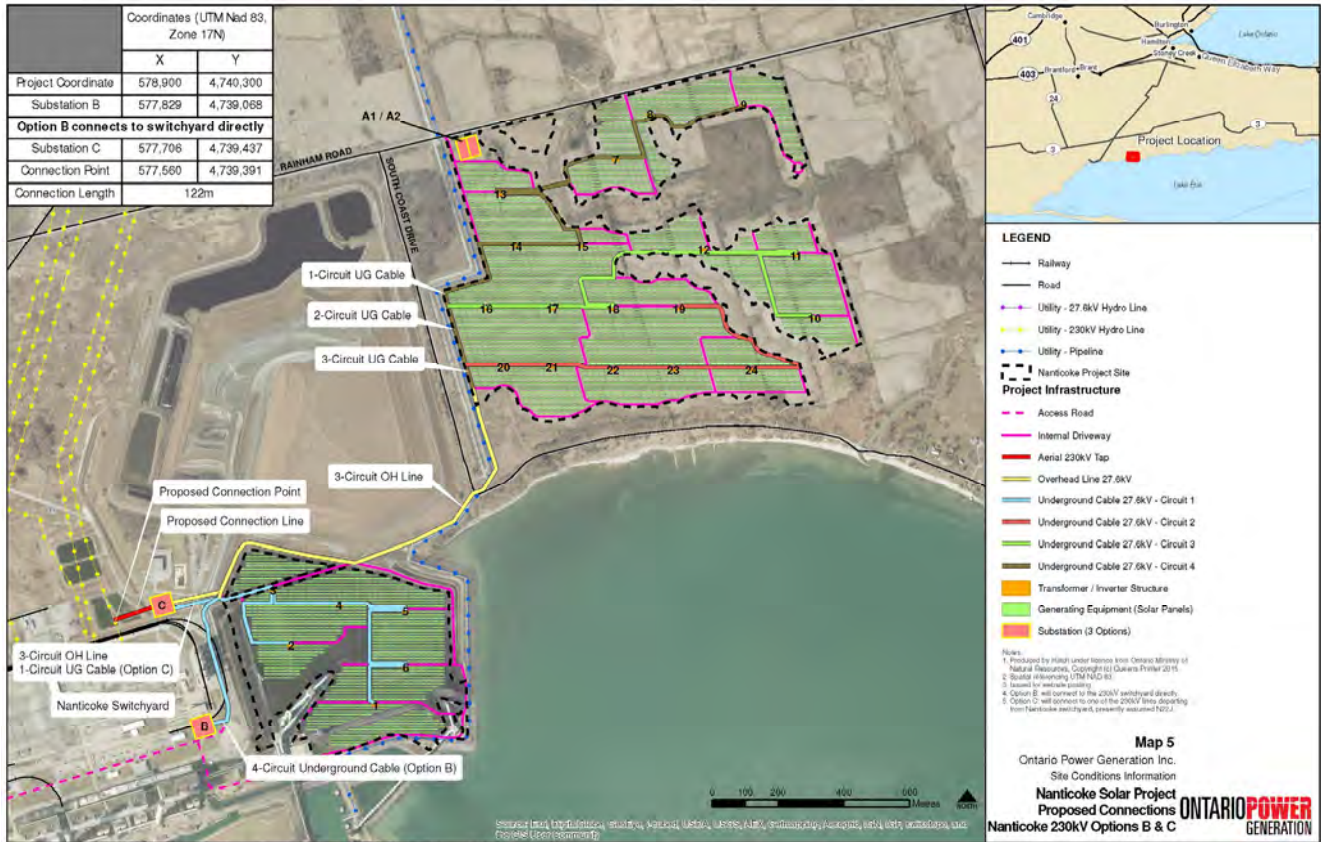


Site Considerations Maps





Site Considerations Maps





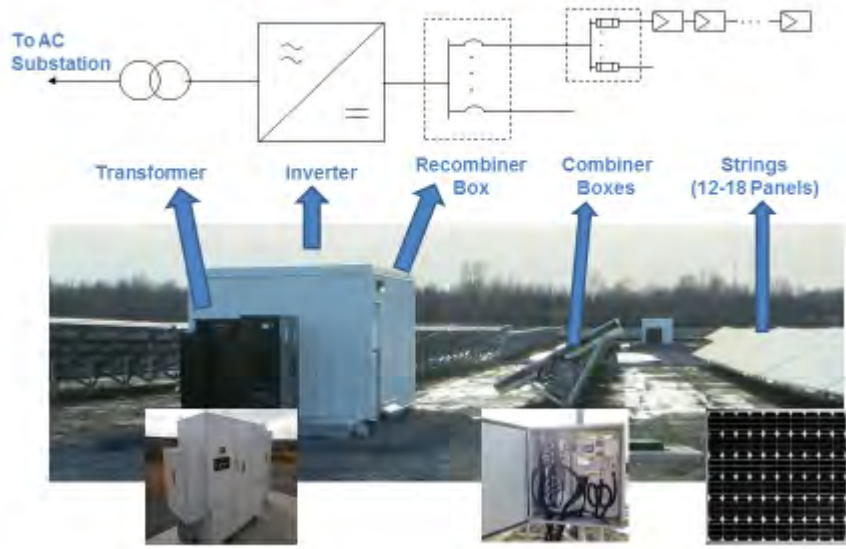
Renewable Energy Approval (REA)

- O.Reg. 359/09 under the *Environmental Protection Act*
- Required approval from the Ministry of the Environment and Climate Change (MOECC)
- Proposed Solar Project classified as a Class 3 Solar Facility
- Recently completed Draft Project Description available for review
- Initiated preliminary environmental investigations underway within an area that extends 300 m from the expected extent of the Project Location
 - Natural Heritage
 - Surface Water
 - Species at Risk
 - Archaeology
 - Cultural Heritage
- A number of reports are prepared as part of the REA process. Some are available now and others will be issued throughout the process for public review and comments.

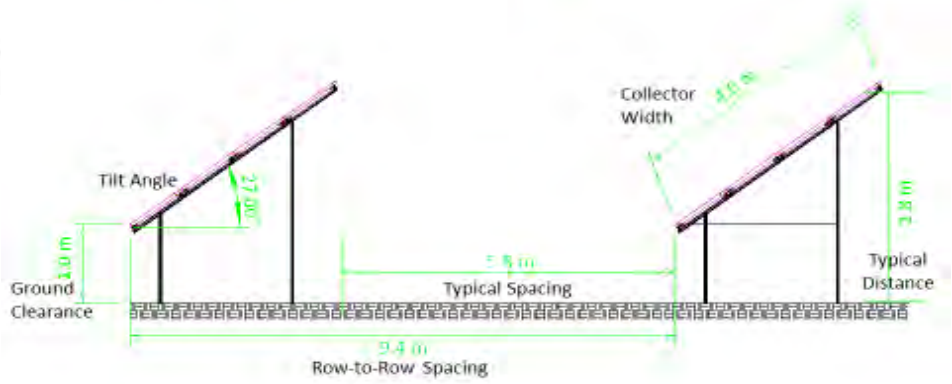


Ground Mounted Solar Panels

Solar Overview



Typical Spacing & Pitch





Environmental Studies

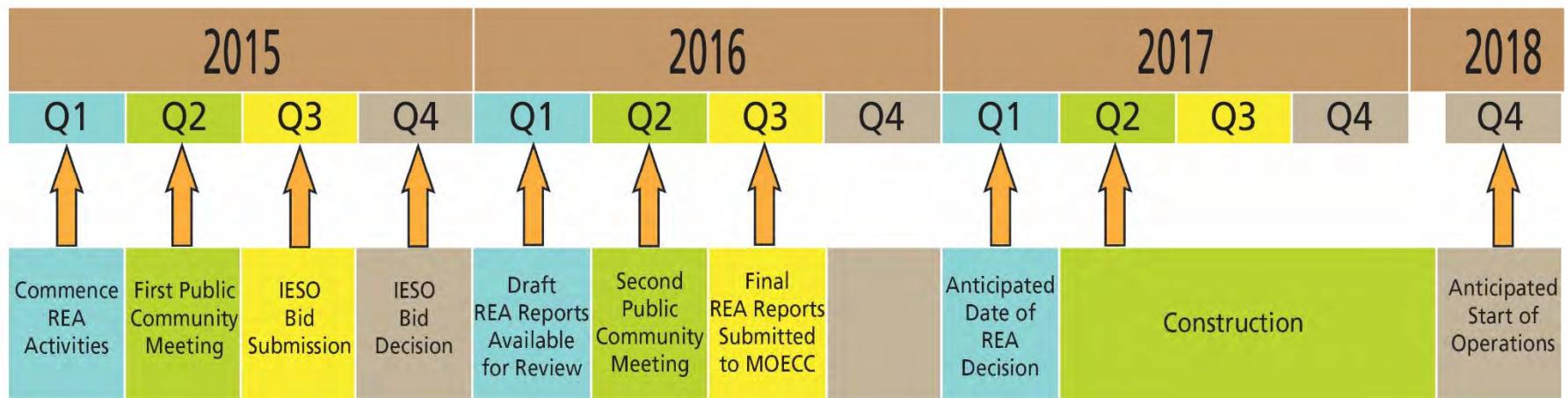
As part of the REA process we are undertaking a number of environmental studies. In order to ensure we are studying and valuing features of importance to you please tell us:

- What aspects of the local environment and your community are most important to you?
- Do you have concerns about the location of the proposed solar project?
- Do you have concerns about the construction of the proposed solar project?
- Do you have concerns about the operation of the proposed solar project?

Preliminary Project Schedule



PRELIMINARY PROJECT SCHEDULE



* All dates are subject to change





Community Engagement Activities

- Consultation with Aboriginal communities, public, municipalities and review agencies is an integral part of the LRP and REA processes and are on-going
- Aboriginal and Stakeholder Community Engagement Plans are posted on the Project Website
- Second Public Community Meeting, if OPG is successful in LRP bid process, likely Q2 2016 to present results of REA studies
- OPG appreciates and encourages public input and welcomes questions and feedback throughout the process
- Please fill in a comment sheet before you leave or send to us by June 20, 2015
- We will post a written meeting summary and summary of comments received and responses to the project website during the first week of July
- Project information available at www.nanticokesolar.com
- Project E-mail: info@nanticokesolar.com

Proposed Nanticoke Solar Project – Final Public Community Meeting

February 2, 2017

3:30 p.m. to 8:00 p.m.

Nanticoke Community Hall, Nanticoke

Comment Sheet

Please take a few minutes to complete this questionnaire and leave it in the “comments” box or with a project representative. We are interested in hearing your comments and questions regarding the proposed Nanticoke Solar Project.

1. What aspects of the local environment and your community are most important to you?

2. Do you have concerns about the proposed solar project?

3. Do you have concerns about the construction of the proposed solar project?

4. Do you have concerns about the operation of the proposed solar project?

5. Do you have any other comments you would like to share with members of the Project Team at this time?

Please submit your comments by the end of the public meeting, today, to allow us to include them in the final reports that will be submitted to the MOECC in February. Nanticoke Solar will still be open to receiving comments after this time and will respond accordingly.

If you would like us to provide follow-up information or address questions, please leave your name and address below. ***Please print clearly.***

Name _____ Phone number _____

E-mail Address _____

Street address _____

City _____ Postal code _____

Please leave your completed form in the “comments” box or with a project representative.



NANTICOKE SOLAR PROJECT

APRIL 22, 2015

Project Overview

Ontario Power Generation Inc. (OPG) or an associated Special Purpose Entity is proposing to design, build and operate up to a 50 megawatt (MW) Solar Energy Project at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County, Ontario.

The Nanticoke Generating Station is located on a major industrial zoned land located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Solar panels are being considered for four land parcels. One land parcel is located on the former coal pile. There are also three land parcels located immediately east of the Nanticoke GS site (west, central and east parcels).

Solar power captures the sun's energy to generate electricity. Photovoltaic (PV) panels generate no greenhouse gas emissions, pollutants or noise.

Project Activities

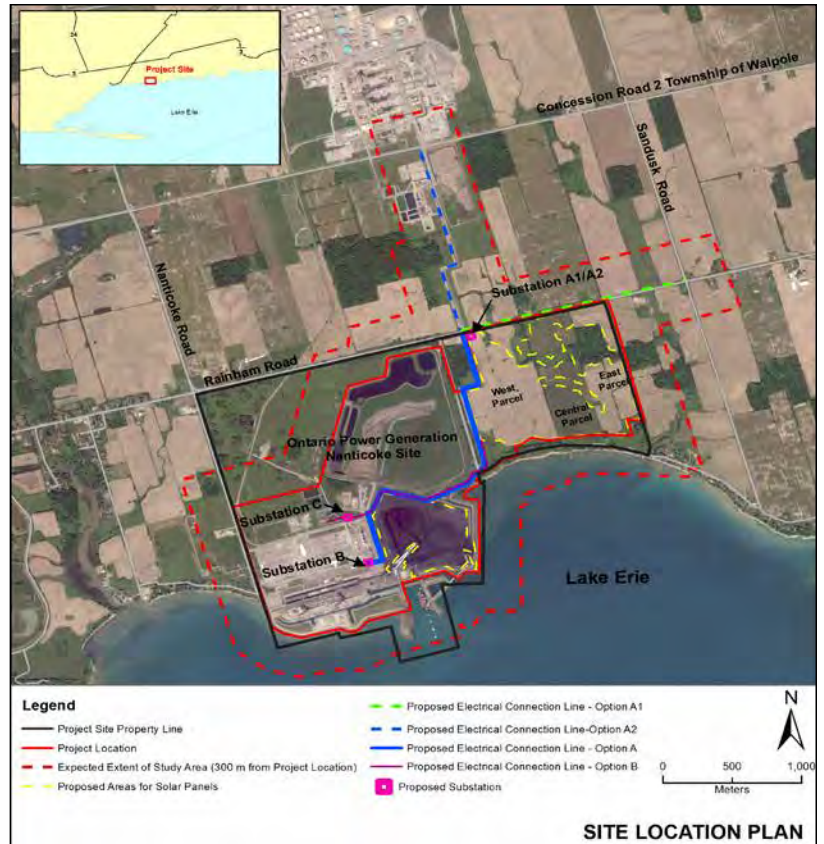
The key activities related to the Nanticoke Solar Project include:

Construction: Planned to commence in 2016 and last for approximately two years. General construction activities include site preparation, solar panel installation, and electrical collection system and interconnection.

Operation: Projected to commence in 2018-2019 based on current schedule and operate for a 20-year period (with proper maintenance, project could continue to operate for an additional 10 or more years). Equipment will be monitored remotely and qualified personnel will be available to complete regular preventative maintenance work.

Decommissioning: Process involves the removal of all Project components and restoring the land to an acceptable condition for its future use.

Decommissioning activities include removal of scrap metal and cabling for recycling, removal and disposal of non-recyclable material to approved disposal sites, removal of industrial waste to be categorized and disposed of in compliance with regulatory requirements and restoring the Project Location for future land uses.



Project Components

Major equipment and infrastructure associated with the Nanticoke Solar Project are described below. Note that all electrical equipment will meet Electrical Safety Authority and Ontario Electrical Safety Code requirements. The Project components include:

- Arrays of solar photovoltaic (PV) panels with the cumulative capacity to generate up to 50 MW power, mounted to racking and anchored to the ground or foundations;
- Electrical inverters to convert DC electricity generated by the solar panels to AC;
- Intermediate step-up transformers, which will be connected to a main transformer prior to interconnection to the provincial grid;
- Electrical cables to connect all the panels and inverters and transformers;
- Site drainage and access roads;
- Weather stations;
- Enclosures for electrical equipment (e-houses);
- Security fencing around the Project Site; and
- During construction, temporary construction laydown area and facilities (e.g., office trailers, portable toilets, etc.).

NANTICOKE SOLAR PROJECT

APRIL 22, 2015

Large Renewable Procurement

The Nanticoke Solar Project will be submitted into the Independent Electricity System Operator (IESO)/ Ontario Power Authority (OPA) Large Renewable Procurement (LRP) I request for proposal process. The IESO/OPA is expected to award contracts to successful projects at the end of 2015.

Potential Environmental Effects

OPG is committed to studying and mitigating potential environmental effects of constructing, operating and decommissioning a solar facility. OPG welcomes any comments, questions or concerns regarding potential environmental effects. As part of OPG's environmental commitment, the following studies will be completed:

Cultural Heritage and Archeological Assessments:

There are no known heritage or archaeological resources on the Project Site, but a cultural heritage and archaeological assessment will be carried out in accordance with the Ontario Heritage Act.

Natural Heritage Assessment:

There are no areas of natural and scientific interest, provincial parks or conservation areas located within 50 metres of the project location. If OPG studies confirm any natural features within 120 metres of the project location an Environmental Impact Study may be required.

Water Body Assessment:

OPG will identify potential surface water features and assess any negative environmental effects of the project on the water body.

Screening of Potential Environmental Effects:

OPG will study potential environmental effects, including air, odour and dust emissions, noise emissions; sewage and stormwater management concerns; local interests, land use, resources and infrastructure; public health and safety; wetlands and woodlands; and water bodies.

We Want To Hear From You!

OPG is committed to Aboriginal and public consultation throughout the Renewable Energy Approvals process. We would be pleased to receive any comments, concerns or questions.

Contact

Svetlana Helc

Corporate Business Development

Phone: (416) 592-6658

Ray Davies

Corporate Business Development

Phone: (416) 592-1743

Gillian MacLeod

Senior Environmental Advisor

Phone: (416) 592-3481

Email: info@nanticokesolar.com

Website: www.nanticokesolar.com

**NANTICOKE SOLAR PROJECT
PUBLIC COMMUNITY MEETING
SUMMARY REPORT**

Submitted to:

ONTARIO POWER GENERATION INC.

700 University Avenue

Toronto, Ontario

M5G 1X6

Prepared by:

SENES Consultants

now ARCADIS CANADA INC.,

121 Granton Drive, Suite 12

Richmond Hill, Ontario

L4B 3N4

June 2015

Table of Contents

1.0	Introduction	1
2.0	Overview of First Public Community Meeting	2

Tables

Table 1.	Summary of Comments and Questions Received	3
----------	--	---

List of Appendices

Appendix A: Public Notices

Appendix B: Display Panels for Nanticoke Solar Project First Public Community Meeting

Appendix C: Comment Sheet for Nanticoke Solar Project First Public Community Meeting

1.0 Introduction

Public Community Meetings were held to meet the requirements of the Renewable Energy Approval (REA) process and the Large Renewable Procurement (LRP I) process for the proposed Nanticoke Solar project. These meetings are an effective method of providing Project information to the public while simultaneously collecting input, feedback and information from neighbours, stakeholders and collaborating with the public in a live face-to-face setting.

The first Public Community Meeting was held for the proposed Nanticoke Solar Project with the following objectives:

- to introduce the proposed Solar Project and the proponent;
- to introduce the community to the REA and LRP I processes and how they related to the proposed Solar Project;
- to provide stakeholders and the local community with an opportunity to have meaningful input on the proposed Project and allow Ontario Power Generation (OPG) to address public concerns where possible and feasible.

2.0 Overview of First Public Community Meeting

The First Public Community Meeting for the proposed Nanticoke Solar Project was held at the Nanticoke Community Hall located at 39 Rainham Road in Nanticoke, Ontario on Wednesday June 3, 2015 from 3:30 pm to 8:00 pm.

The public was given notification of the meeting via distribution of the “Notice to Engage in a Project and Public Community Meeting” in accordance with the REA, a minimum of 30 days prior to the meeting, as well as via the LRP I Prescribed Form – “Notice of Public Community Meeting”, a minimum of 15 days prior to the meeting, using the following methods:

- Advertised in local newspapers once a week, for two weeks:
 - Public Notice in accordance with the REA published in **Grand River Sachem**:
 - Round 1 – Thursday April 30
 - Round 2 – Thursday May 7
 - Public Notice in accordance with the LRP I published in **Haldimand Press**:
 - Round 1 – Wednesday May 6
 - Round 2 – Wednesday May 13
- Posted on the www.nanticokesolar.com project website:
 - Public Notice in accordance with the REA posted on April 28
 - Public Notice in accordance with the LRP I posted on May 9
- Both notices sent to stakeholders via courier:
 - week of May 11
- Both notices sent to stakeholders via e-mail:
 - May 13

A copy of both public notices is provided in Appendix A.

The meeting was held in a “trade fair” format with Project Team members on hand to meet with the attendees, hear concerns and issues, and address questions where appropriate. Seven (7) Ontario Power Generation (OPG) employees were present in addition to one member of the SENES (ARCADIS) consultant team, for a total of eight (8) Project Team members. Fourteen (14) informational poster boards were on display which introduced the Project, and provided an overview of OPG, the proposed Project, the REA process, LRP process, site considerations information, project timeline and schedule. Project Team members were available to address any comments, questions, or inquiries. A copy of the display panels was posted to the project website after the meeting, and panel content is also located in Appendix B.

Copies of informational materials were made available for public viewing at the meeting, such as a project fact sheet, notices of public community meeting, and copies of OPG literature including the Community and Aboriginal Engagement Plans for the proposed Nanticoke Solar

Project and the Project Description Report required for the Renewable Energy Approval. These materials are also available on the Project website.

Thirty-one (31) members of the public attended the public community meeting and all but one of the attendees registered by signing the sign-in sheet upon entering the meeting. All attendees were also provided with a comment sheet upon signing in, and were asked to provide any comments, concerns, or questions to OPG via this mechanism as well as speaking to team members. There was an option to submit the sheet personally at the public meeting or to send the sheet at a later date via e-mail (info@nanticoke.com), fax, or regular mail. The comment sheet was made available on the project website following the meeting. A copy of the comment sheet is located in Appendix C.

The overall tone of the meeting was generally neutral to positive, with some concerns raised (see Table 1 below). OPG has noted and recorded all questions, comments, and concerns received at the meeting, and following the meeting via the comment form.

Table 1 below provides an overview of general comments and questions.

OPG is committed to building an open and transparent relationship with the local community and is intent on consultation and communication with the public from the early project stages, throughout the course of the LRP and REA processes, and beyond, should OPG be successful in the LRP bid.

OPG appreciates and encourages public input and welcomes questions and feedback.

Table 1. Summary of Comments and Questions Received

Issue	Comments and Questions Received
Aesthetics	Concern that the solar project will have a large, ugly profile, and hope that it will not have a profound impact on the appearance of the area.
Closure of the Nanticoke GS Coal Plant and Future Use	Has Nanticoke given up its fossil fuel licence? I was under the impression that it would expire soon if the station was no longer operating.
	Although I understand the prudence of keeping the coal-fired facility functional for contingency purposes, I support the demolition of the emission stacks.
Coal Pile / Coal Yard / Fly Ash Pile	What is the long term plan for the fly ash pile? Will the fly ash contaminate drinking water?
Construction	Will construction cause dust and grime to accumulate on neighbouring properties and solar projects?
	Concern about the possibility of dust migrating to the Oneida Baptist Camp in July and August.
	Concern regarding noise due to construction.
	Support for the solar project and no concern regarding construction.

Nanticoke Solar Project Public Community Meeting Summary Report

Issue	Comments and Questions Received
Construction	Assuming that trucks will be coming in from off-site to deposit soil etc. to assist in grading; what type of material will be used?
	What is the 10 micron particle count with moving dirt and dust around?
	What is the project schedule? How will OPG conduct procurement?
	Heavy equipment will ruin our roads, so ensure that any damage that is done will be fixed.
	What hours of the day will construction take place?
Cost	Solar power is too expensive. There are too many costs when compared to the amount of electricity generated.
	Cost overruns and project inefficiencies steal work from fellow Ontarians because high electricity rates drive industry to other jurisdictions.
	Concern about affordability of the project without having a radical impact on taxes.
Decommissioning	Please rehabilitate the land when the project is decommissioned.
Employment Opportunities	The solar project will create local jobs, so the economic benefits are welcome.
	Please secure as much local labour as possible.
Environmental Effects	Concern regarding the creek that runs through the Dennis Farm lands. Currently, runoff from the creek results in a buildup of <i>E.coli</i> which causes the Oneida Baptist Camp to close their beach every summer.
	Concern regarding groundwater management at the coal pile, where the solar project might result in runoff into Lake Erie that will affect water quality, particularly as the County's water intake facility is located west of the coal pile on OPG's Nanticoke GS site.
	Once the solar project will be built and operational, will OPG continue to use its existing Nanticoke GS monitoring wells to monitor groundwater, particularly around the coal pile?
	Concern about glare from the solar panels.
	Will the solar panels increase the amount of benzene in the water?
	The microclimate of solar farms affects local residents and agriculture (within 300 metres according to one Columbia University study). I expect measures will be put into place to mitigate against that.
	It is likely that trees will need to be cleared for the solar project, so I encourage the forestation of other areas to make up for any loss of habitat and carbon sequestration.
	Solar panels could be harmful to the environment which would eliminate the benefit of a green energy source.

Nanticoke Solar Project Public Community Meeting Summary Report

Issue	Comments and Questions Received
	Please ensure the preservation of as much surrounding green space / ecological surroundings as possible, and that the wildlife will not be affected.
	Please be sensitive to the Bald Eagles.
Miscellaneous	Concern about access to property using a laneway that currently runs through Imperial Oil lands. Will OPG continue to allow such access?
	There has been very poor communication regarding local wind projects and we are fearful that OPG would be the same way.
	Concern about cell phones not working (i.e., the creation of a dead zone).
	General concern regarding the cost of electricity in Ontario.
	I support OPG and see OPG as a big supporter of the local community. I would like to continue to see open communication with the community as they have always done.
	How will the solar project impact property values in the area?
	I read on a blog that hydro spilled 1.5 terawatt hours (TWh) last year. I think this is unfortunate given how clean the power is.
	I am grateful for green energy initiatives in our province, and support this project.
	Maintaining clean water and clean air are the most important for a healthy environment.
Project Location	I was worried that the solar project would be too close to me and I'm glad that it will be located on the other side.
	Will the solar project cut off the access to the bible camp? The bible camp is land locked, and the campers access the camp via a footpath at the side of the Imperial Oil east parcel.
	I think the solar project is a good use of existing lands, and I have no concerns regarding the project.
Solar Power / Solar Panels	I would like to know what the solar cell grade will be.
	How much of the solar panels will I see from my own front door?
	With the solar project be fenced? Ensure that people will not be able to wander off and be exposed to electrical risks.
	What is the efficiency of solar panels?
Use of Farmland	Concerned with the loss of productive farmland occupied by the solar panels.
	Is the land for the solar project Class I zoned agricultural land?
	Are there opportunities for the solar project and agriculture to coexist on the same site?

APPENDIX A
Public Notices

NOTICE OF A PROPOSAL

by Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") to Engage in a Renewable Energy Project
and

NOTICE OF PUBLIC COMMUNITY MEETING

To be held by OPG regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Nanticoke Solar

Project Location: the Project involves the design, construction and operation of up to 50 MW Solar Energy Project in Haldimand County. The site is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Dated at Haldimand County this 30th of April 2015

Ontario Power Generation Inc. (OPG) is concurrently applying to obtain a Renewable Energy Approval (REA) and a contract under the IESO's Large Renewable Procurement (LRP) I Request for Proposal. OPG 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 the renewable energy project and the Project itself are subject to the provisions of the *Environmental Protection Act (EPA)* 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 and Climate Change.

Under the Renewable Energy Approval, a key component of the approval process is public consultation. The purpose of this Notice is to invite your participation in the approvals and the consultation process.

Meeting Location:

Public Community Meeting #1:

Date: Wednesday June 3, 2015

Time: 3:30 p.m. to 8:00 p.m.

Place: Nanticoke Community Hall 38 Rainham Road, Nanticoke, ON N0A 1L0

Project Description:

Pursuant to the Act and Regulation, this is a Class 3 Solar Facility. If approved, this facility would have a total maximum name plate capacity of 50 MW. The project location is described in the map on the right.

Documents for Public Inspection:

The Project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled *Draft Project Description Report Ontario Power Generation Nanticoke Solar* describes the facility as a ground mounted solar photovoltaic (PV) panel facility with the cumulative capacity to generate up to 50 MW power. A written copy of the Draft Project Description Report is being made available for public inspection at the public community meeting and will also be made available at www.nanticokesolar.com.

The Process:

The Renewable Energy Approval process includes public, aboriginal, municipal and review agency consultation, assessment of the potential effects of the proposed project and identification of measures to mitigate any potential adverse effects. Public input is encouraged throughout the Renewable Energy Approval process. Input will be facilitated through two rounds of public community meetings and the Project website. The first public community meeting is being held, as noted above, to provide a general overview of the Project and the Renewable Energy Approval process, and to seek public input. We invite the public to attend the meeting so that we can answer your questions and receive your feedback.

Project Contacts and Information:

To learn more about the Project, public community meetings, or to communicate concerns please contact:

Name: Svetlana Helc

Title: Project Manager, Corporate Business Development

Address: 700 University Avenue H18 E22 Toronto, ON M5G 1X6

Telephone: (416) 592-6658

Fax: (416) 592-3489

Name: Gillian MacLeod

Title: Senior Environmental Advisor

Address: 700 University Avenue H18 D16 Toronto, ON M5G 1X6

Telephone: (416) 592-3481

Fax: (416) 592-3489

Project Email: info@nanticokesolar.com

Project Website: www.nanticokesolar.com

Project Location:



ONTARIOPOWER
GENERATION

opg.com

Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement

The proponent identified below is proposing to submit a proposal to the Independent Electricity System Operator (IESO) to design, build, and operate a Large Renewable Project for the generation of electricity under the IESO's Large Renewable Procurement (LRP).

The LRP is a competitive process for procuring large renewable energy projects generally larger than 500 kilowatts. At the conclusion of the LRP, the IESO may award contracts for successful projects up to the specified procurement targets for each renewable fuel: 300 megawatts (MW) for wind, 140 MW for solar, 75 MW for waterpower, and 50 MW for bioenergy.

This notice is being distributed to notify members of the public of a public community meeting that has been scheduled to discuss the Large Renewable Project proposal. Information regarding the proponent, the Large Renewable Project proposal, and the meeting details are described below.

This public community meeting is being held as part of the early community engagement requirements of the LRP. The public community meeting will present details about the Large Renewable Project and its proposed connection line. Representatives of the proponent will be available to discuss the Large Renewable Project and the overall LRP process. Should this Large Renewable Project be awarded a contract, the Large Renewable Project would need to obtain all required permits and approvals and conduct any further required community engagement activities.

Further details regarding the LRP are available at www.ieso.ca/lrp.

Proponent and the Large Renewable Project proposal

Proponent:	Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent")
Qualified Applicant from the LRP Request for Qualifications stage associated with the proponent:	Same as above
Name of the Large Renewable Project proposal:	Nanticoke Solar
Renewable fuel of the Large Renewable Project:	Groundmount Solar
Proposed capacity of the Large Renewable Project (MW):	50 MW
Proposed connection point of the Large Renewable Project:	On-site connection to existing overhead transmission lines leading from Hydro One operated switchyard at Nanticoke Generating Station (GS) OR Off-site connections to existing local distribution network leading to the Jarvis Transformer Station (TS).

Proposed location of the Large Renewable Project and proposed connection line

Located in Haldimand County, on and adjacent to OPG owned land, south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Public community meeting information

Nanticoke Community Hall
38 Rainham Road, Nanticoke, ON N0A 1L0

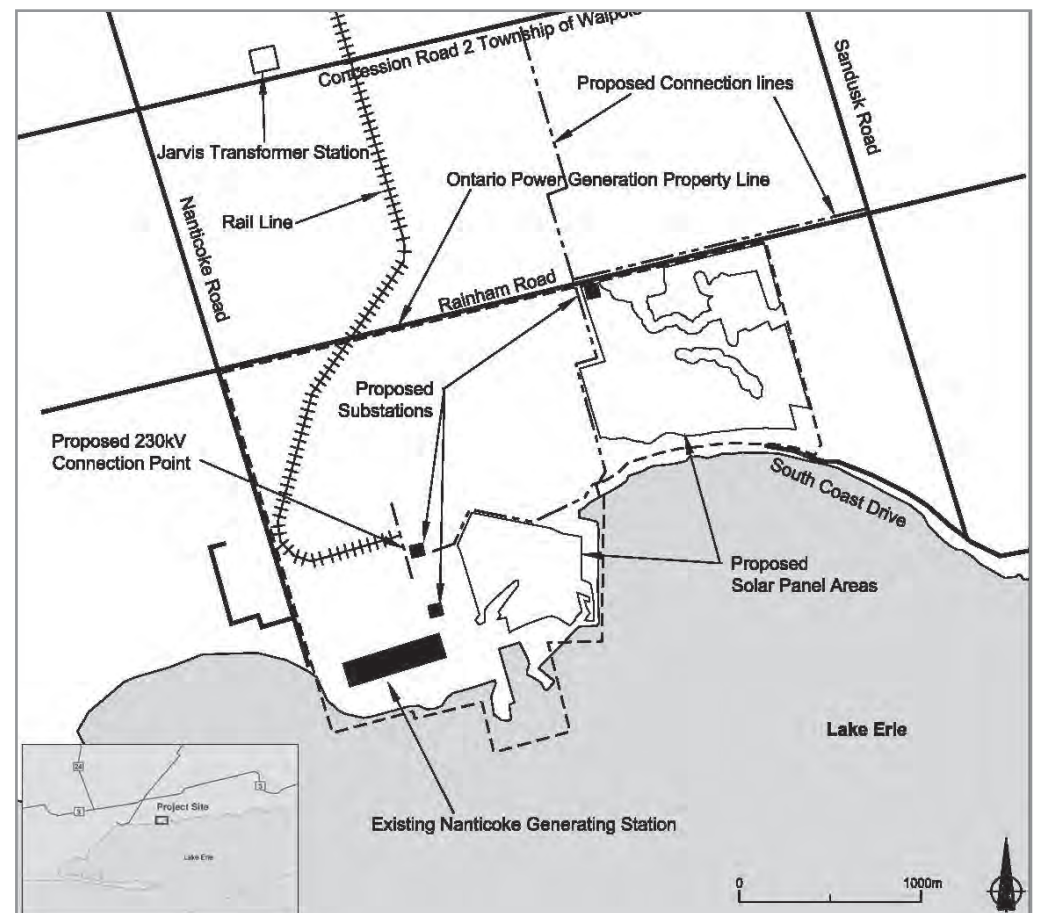
Wednesday June 3, 2015

3:30 p.m. to 8:00 p.m.

Contact information for the proponent

Svetlana Helc	Gillian MacLeod
Project Manager, Corporate Business Development	Senior Environmental Advisor
(416) 592-6658	(416) 592-3481
700 University Avenue H18 E22 Toronto, ON M5G 1X6	700 University Avenue H18 D16 Toronto, ON M5G 1X6
Project E-mail: info@nanticokesolar.com	
Project Website: www.nanticokesolar.com	

**ONTARIOPOWER
GENERATION**
opg.com



APPENDIX B

Display Panels for Nanticoke Solar Project First Public Community Meeting



Nanticoke Solar Project

Welcome to our First Public Community Meeting

June 2015

ONTARIO**POWER**
GENERATION



Meeting Objectives

- To introduce the community to the proposed Solar Project, and the related processes that are taking place
 - Large Renewable Procurement (LRP I)
 - Renewable Energy Approval (REA)

- To provide the community with the opportunity to share with OPG their interests, concerns, input, questions, ideas with respect to the Solar Project

Public consultation will occur throughout both concurrent processes



About OPG

OPG was created in 1999 from the assets of Ontario Hydro



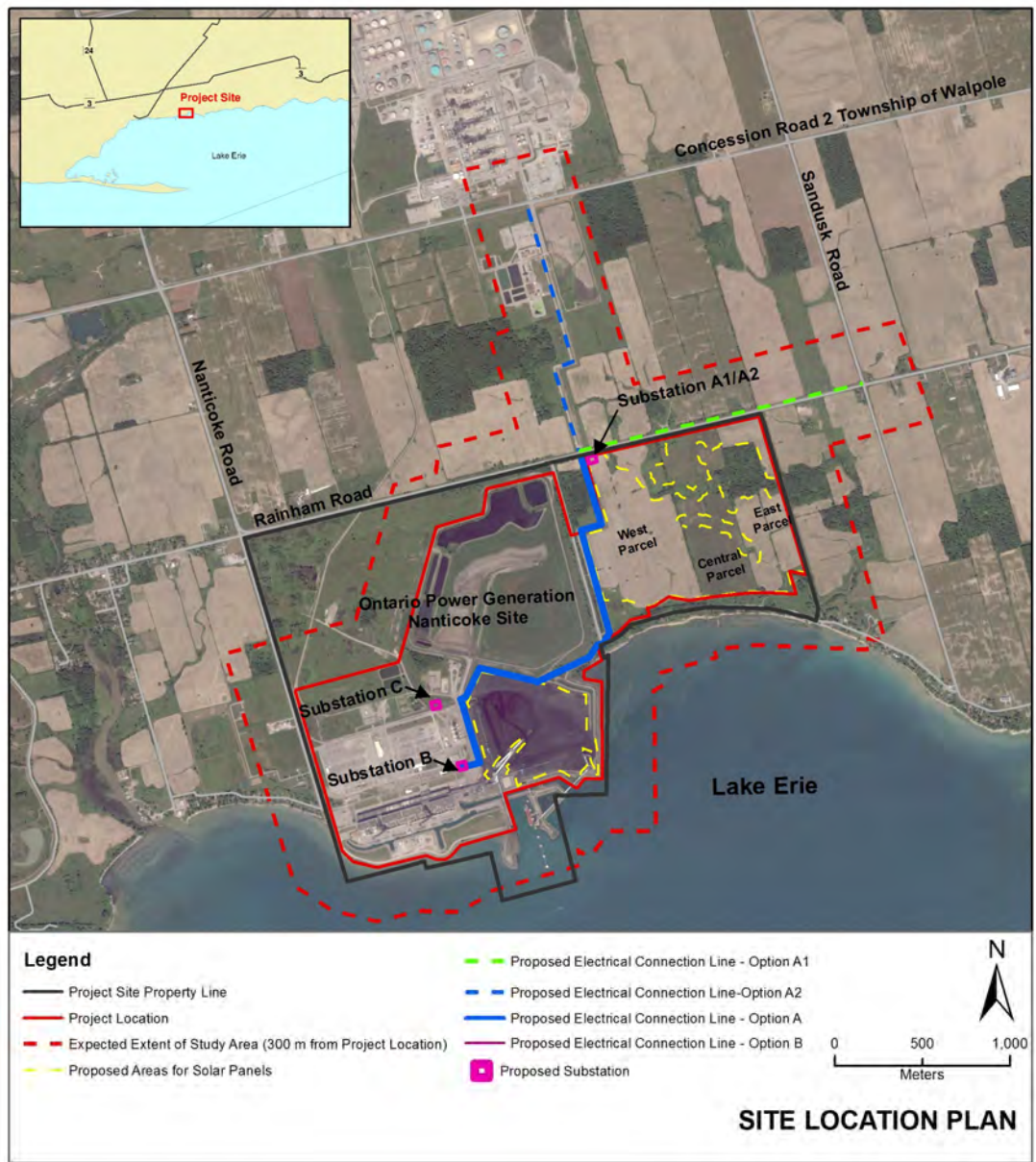
- OPG’s generating portfolio has a total capacity of over 16,000 megawatts (MW)
 - 2 Nuclear Stations
 - 3 Thermal Stations
 - 65 Hydroelectric Stations
- OPG is allowed to participate in the Large Renewable Procurement (LRP)
- Solar projects are one of the best short to medium term growth opportunities for OPG:
 - OPG’s market share has been shrinking (coal closure)
 - Limited demand for new generation in the Province
 - New revenue stream (from Green Energy)
- Allows OPG to leverage and utilize existing sites
- OPG is bidding this project as part of the Independent Electricity System Operator (IESO) LRP I





Site Location Plan

- OPG is proposing to design, build and operate up to a 50 MW Solar Energy Project in Haldimand County
- To be located on 4 land parcels at:
 - Existing OPG Nanticoke GS site
 - Additional lands OPG owns
 - Adjacent lands OPG plans to lease (East and West Parcels)





Large Renewable Procurement (LRP)

- Solar generation in Ontario will grow from 2% of installed capacity in 2013 to 8% in 2025.
- The Ministry of Energy has directed the IESO to develop a Large Renewable Procurement (LRP) program for projects over 500 kW in which OPG can participate.

LTEP - Renewable Energy Competitive Procurement Targets (Ministry of Energy, 2013)				
	Wind	Solar	Bioenergy	Hydroelectric
LRP I (2014-2015)	300 MW	140 MW	50 MW	75 MW
LRP II (2015-2016)	300 MW	140 MW	50 MW	45 MW
LRP III (2016)	TBD	TBD	TBD	TBD

TBD based on capacity re-allocated from projects not procured or developed through previous procurements.

- The Solar procurement process is highly competitive with 32 applicants qualifying to submit proposals into the LRP.
- Multi-faceted evaluation criteria
- The LRP timeline:
 - Proposals submitted to IESO in September 2015
 - Decision on what projects proceed expected December 2015



Site Considerations Information

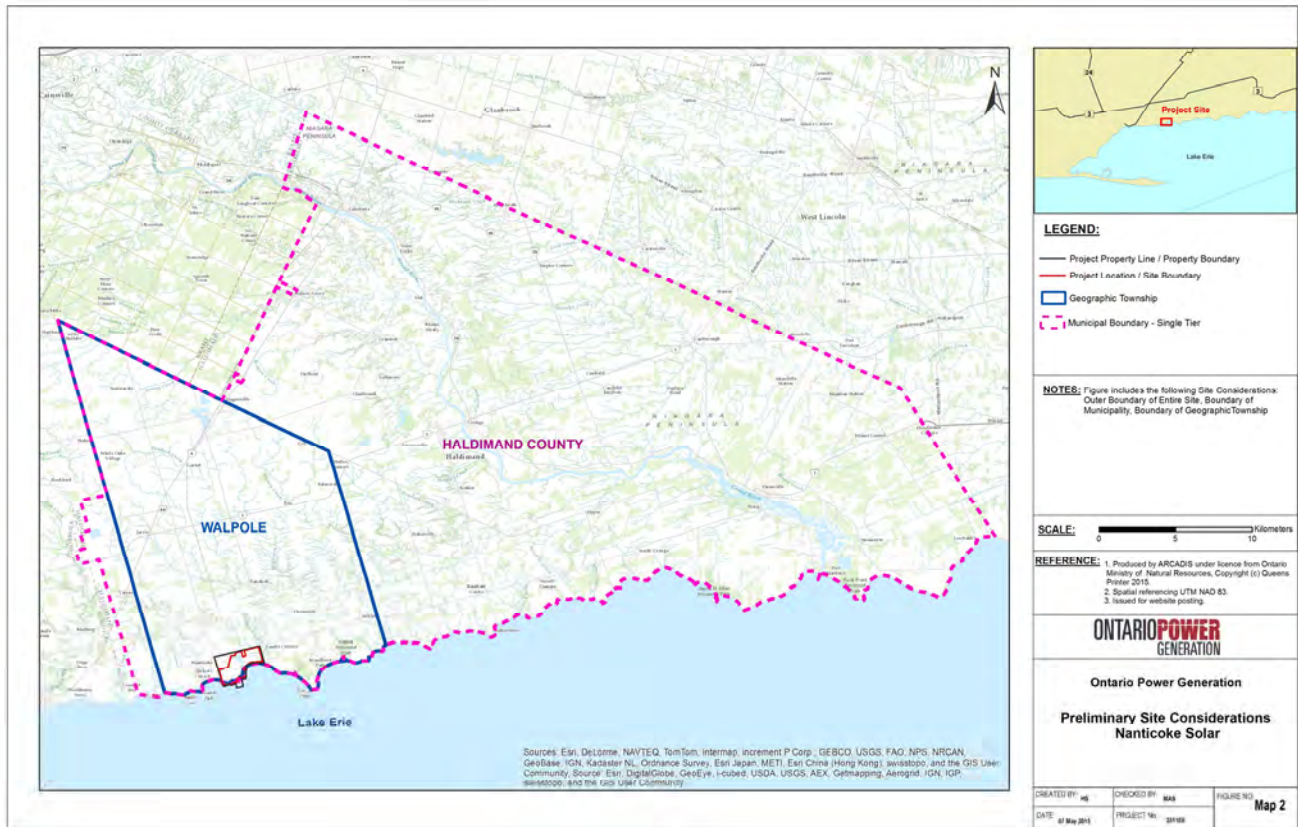
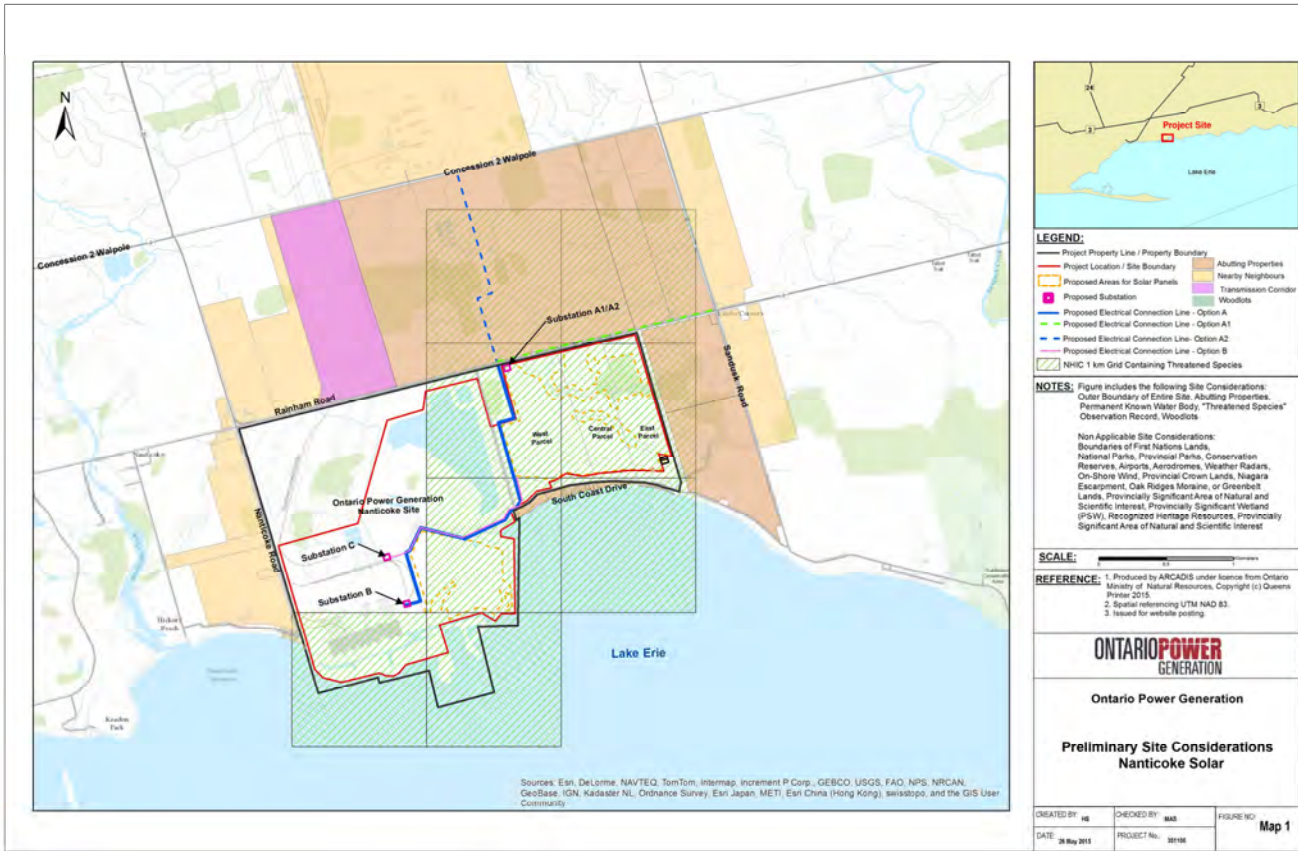
The following table outlines where site considerations information required by the LRP process can be found on the maps:

Site Considerations Information	Map Location
Site location and extent of property	See Map 1
Proposed Connection Lines and Points	See Map 4 and 5
Proposed location of Key features of the project	See Map 6
Municipal boundaries	See Map 2
Boundaries of First Nations Land on which site or connection line is to be located	The project and proposed connection line does not affect boundaries of First Nations Land
Boundaries of geographic township in which project is located	See Map 2
Highways (as defined by Highway Traffic Act) within 5 km of the project site	See Map 3
Railways within 5 km of project site	See Map 3
National park, provincial park, and or conservation reserves located within 120 metres of site or proposed connection line	None of these features are located within 120 m of the site or proposed connection line
Any airports, aerodromes and weather radar within 5km of the site or the proposed connection line.	None of these features are located within 5 km of the site or proposed connection line
Property boundaries for each site on which project and proposed connection line are situated and all properties abutting these properties	See Map 1
Any permanent known water body located within 120 m of the site and proposed connection line	See Map 1
If project is to utilize on-shore wind	Not applicable
If project is to be located on crown lands	Not applicable
If project and proposed connection line is to be located within <ul style="list-style-type: none"> • a Natural Heritage Information Centre 1km grid square which contains endangered or threatened species observations • within 120 m of a provincially significant area of natural and scientific interest • within 120 m of a known provincially significant wetland • within or abutting an area designated in the plan approved under the Niagara Escarpment Planning and Development Act, the Oak Ridges Moraine Conservation Act, the Green belt Act and the Lake Simcoe watershed • or abutting a recognized heritage resource 	See Map 1

Note: Information for Site Considerations Mapping is from the following electronic sources:

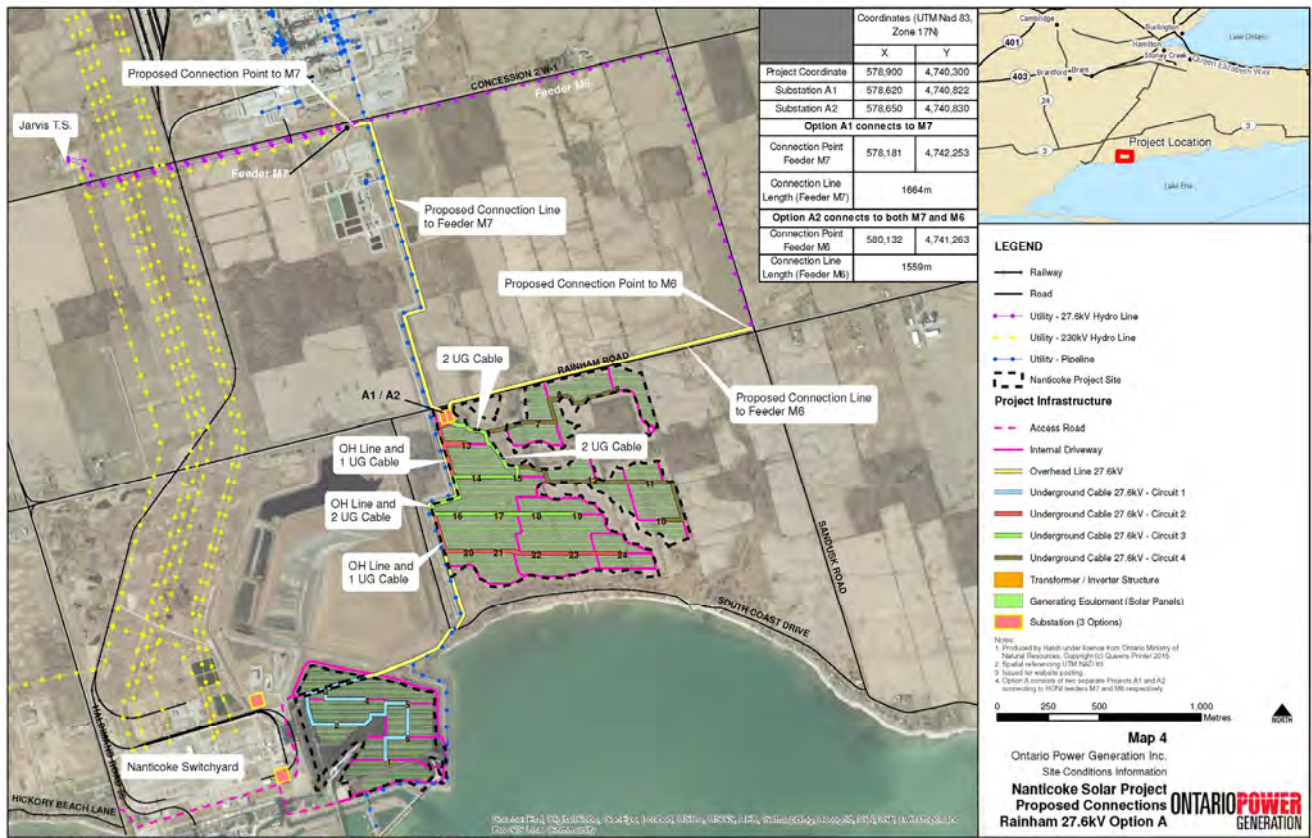
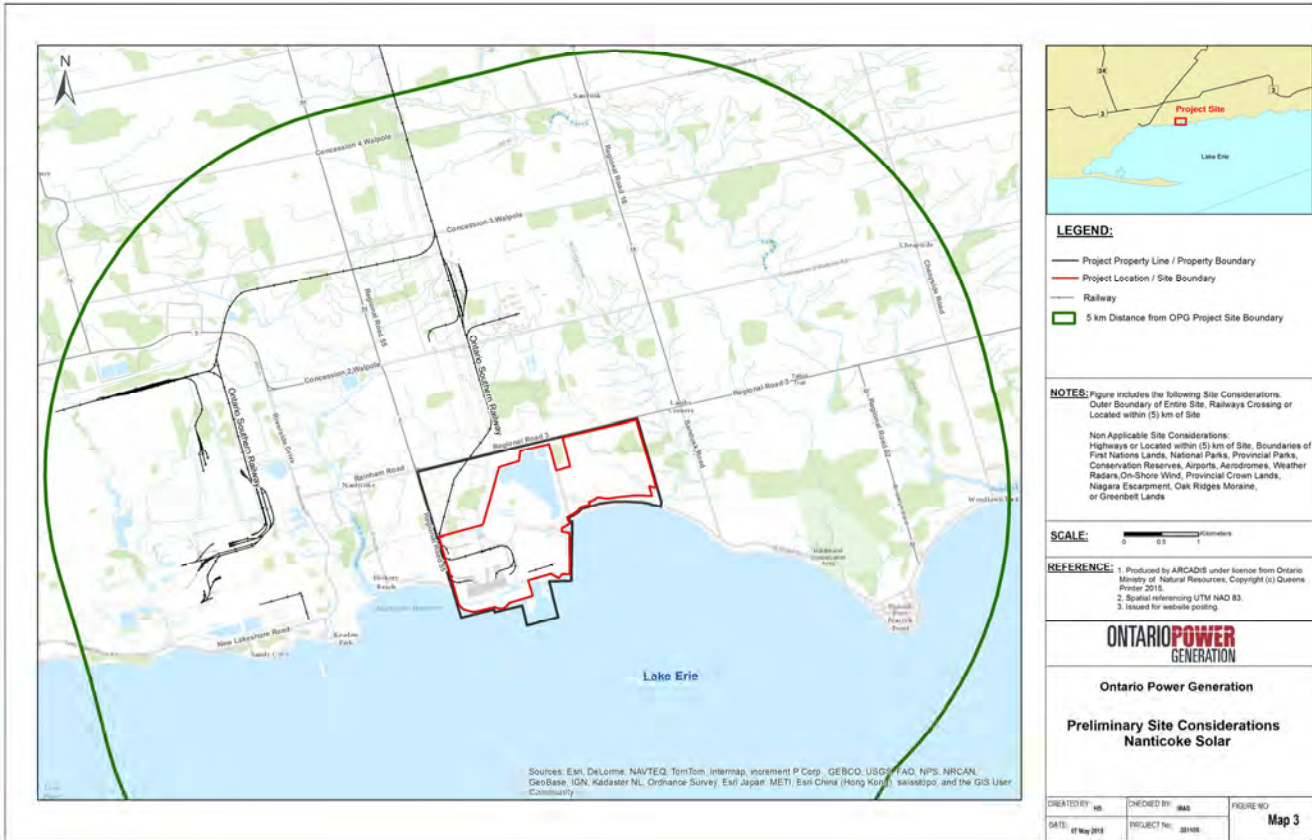
- World Topographic Map hosted by ESRI, including boundaries, cities, water features, physiographic features, parks, landmarks, transportation, and buildings.
- Land Information Ontario open database, as provided by the Ontario Ministry of Natural Resources and Forestry.
- Geowarehouse – Title Search Ontario and Land Titles.
- Heritage Resource locations were provided by municipal, provincial and federal heritage planners with jurisdiction over the Project Property Boundaries. The Large Renewable Energy Project and proposed Connection line are not located within or Abutting a recognized heritage resource.

Site Considerations Maps



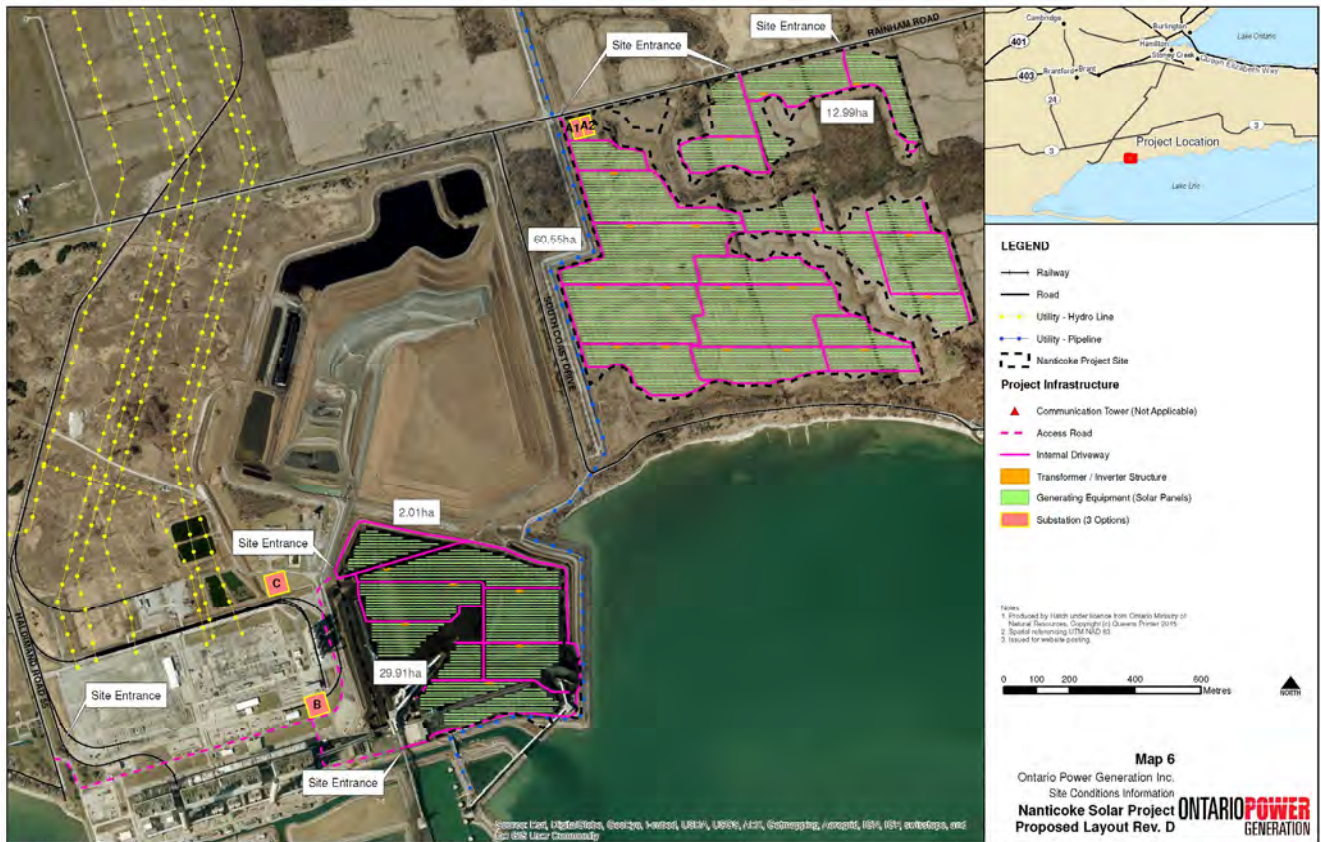
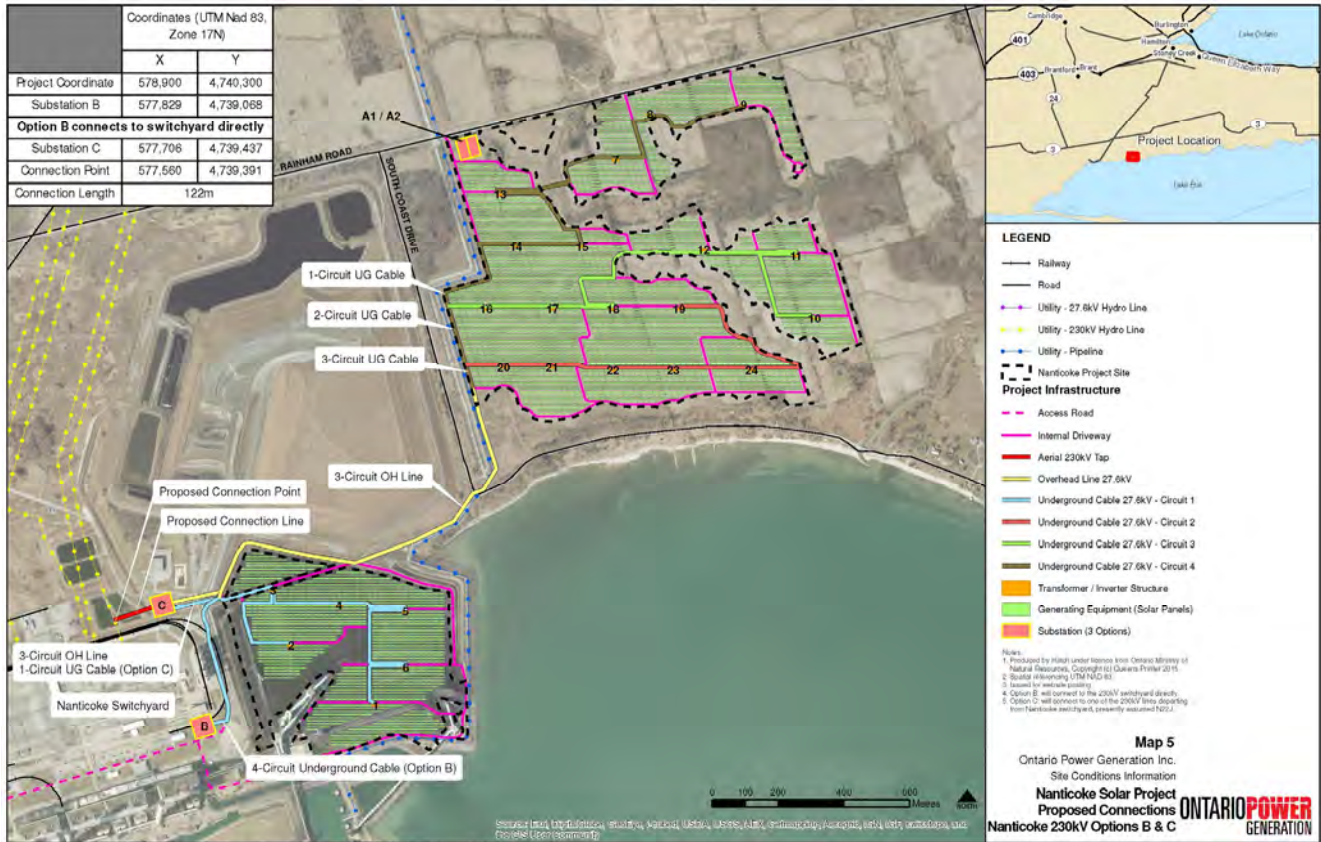


Site Considerations Maps





Site Considerations Maps





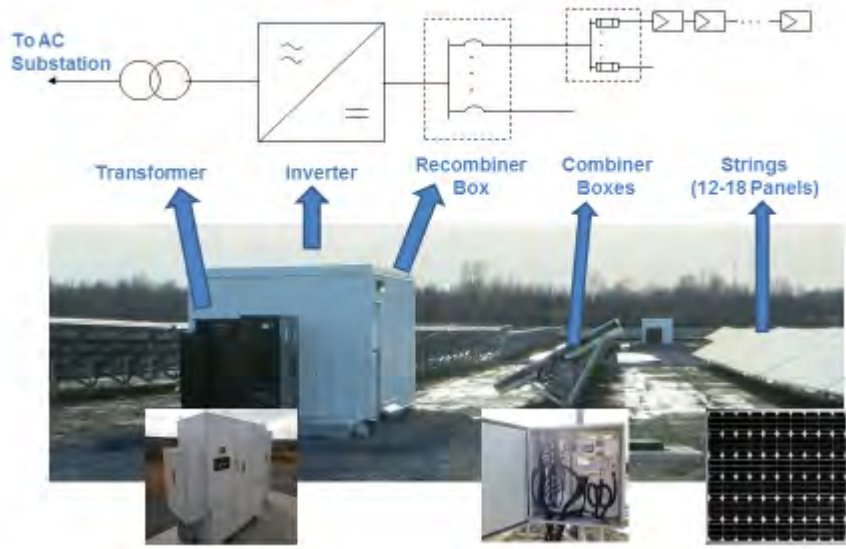
Renewable Energy Approval (REA)

- O.Reg. 359/09 under the *Environmental Protection Act*
- Required approval from the Ministry of the Environment and Climate Change (MOECC)
- Proposed Solar Project classified as a Class 3 Solar Facility
- Recently completed Draft Project Description available for review
- Initiated preliminary environmental investigations underway within an area that extends 300 m from the expected extent of the Project Location
 - Natural Heritage
 - Surface Water
 - Species at Risk
 - Archaeology
 - Cultural Heritage
- A number of reports are prepared as part of the REA process. Some are available now and others will be issued throughout the process for public review and comments.

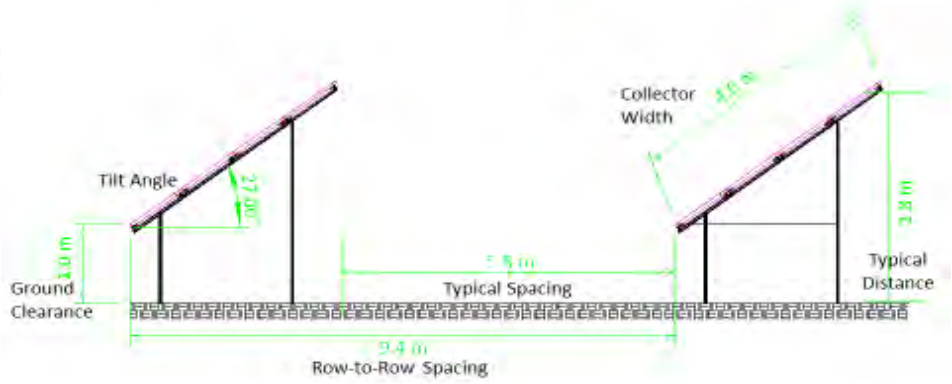


Ground Mounted Solar Panels

Solar Overview



Typical Spacing & Pitch





Environmental Studies

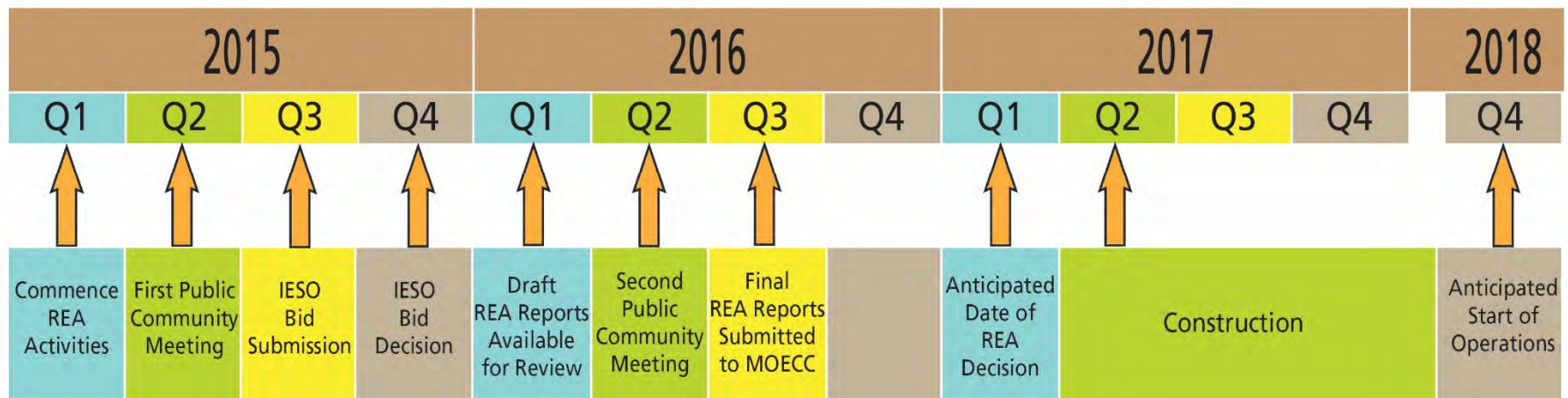
As part of the REA process we are undertaking a number of environmental studies. In order to ensure we are studying and valuing features of importance to you please tell us:

- What aspects of the local environment and your community are most important to you?
- Do you have concerns about the location of the proposed solar project?
- Do you have concerns about the construction of the proposed solar project?
- Do you have concerns about the operation of the proposed solar project?

Preliminary Project Schedule



PRELIMINARY PROJECT SCHEDULE



* All dates are subject to change





Community Engagement Activities

- Consultation with Aboriginal communities, public, municipalities and review agencies is an integral part of the LRP and REA processes and are on-going
- Aboriginal and Stakeholder Community Engagement Plans are posted on the Project Website
- Second Public Community Meeting, if OPG is successful in LRP bid process, likely Q2 2016 to present results of REA studies
- OPG appreciates and encourages public input and welcomes questions and feedback throughout the process
- Please fill in a comment sheet before you leave or send to us by June 20, 2015
- We will post a written meeting summary and summary of comments received and responses to the project website during the first week of July
- Project information available at www.nanticokesolar.com
- Project E-mail: info@nanticokesolar.com

APPENDIX C

Comment Sheet for Nanticoke Solar Project First Public Community Meeting

Proposed Nanticoke Solar Project – First Public Community Meeting

June 3, 2015

3:30 p.m. to 8:00 p.m.

Nanticoke Community Hall, Nanticoke

Please take a few minutes to complete this questionnaire and leave it in the “comments” box or with an OPG representative. OPG is interested in hearing your comments and questions regarding the proposed Nanticoke Solar Project.

1. What aspects of the local environment and your community are most important to you?

2. Do you have concerns about the location of the proposed solar project?

3. Do you have concerns about the construction of the proposed solar project?

4. Do you have concerns about the operation of the proposed solar project?

5. Do you have any other comments you would like to share with members of the Project Team at this time?

If you would like Ontario Power Generation personnel to provide follow-up information or address questions, please leave your name and address below. ***Please print clearly.***

Name _____ Phone number _____

E-mail Address _____

Street address _____

City _____ Postal code _____

Please leave your completed form in the “comments” box or with an OPG representative. You may also send the form by fax, e-mail or mail to:

Nanticoke Solar Project
Fax: (905) 764-9386
E-mail: info@nanticokesolar.com
Mail: 121 Granton Drive, Unit 12
Richmond Hill, ON L4B 3N4



Appendix B-2: Additional Public Meeting



Nanticoke Solar Project

Welcome to our Second Public Community Meeting

August 2015





About OPG

OPG was created in 1999 from the assets of Ontario Hydro



- OPG’s generating portfolio has a total capacity of over 16,000 megawatts (MW)
 - 2 Nuclear Stations
 - 3 Thermal Stations
 - 65 Hydroelectric Stations

- OPG is allowed to participate in the Large Renewable Procurement (LRP)

- Solar projects are one of the best short to medium term growth opportunities for OPG:
 - OPG’s market share has been shrinking (coal closure)
 - Limited demand for new generation in the Province
 - New revenue stream (from Green Energy)

- Allows OPG to leverage and utilize existing sites

- OPG is bidding this project as part of the Independent Electricity System Operator (IESO) LRP I



Who is SunEdison?

SunEdison is dedicated to transforming the way energy is generated, distributed, and owned around the globe. We manufacture solar technology and develop, finance, install, own and operate solar and wind energy power plants. SunEdison is one of the world's largest renewable energy asset managers and provides asset management, operations and maintenance, monitoring and reporting services for its renewable energy customers around the world.



SunEdison is the World's Largest Renewable Energy Developer

- Formed in 1959
- Listed on NYSE (SUNE), Member of Fortune 1000
- 5,600+ employees in 35 global locations
- Manufacturing plants on 3 continents
- Over 5 GW of wind and solar interconnected

Innovation and Technology Leader

- Over 750 patents awarded
- Leading the next generation of solar panel performance and cost reduction with the world's lowest cost silicon via HP-FBR technology and the world's most efficient n-type silicon via proprietary CCZ technology

Leader in Utility Scale Power Plants

Wind. Solar. A complete clean energy platform. SunEdison works with the world's leading utilities to help them meet their clean generation needs.

Global and Financial Leader

- Over \$5.6 Billion in structured solar financing
- Original inventor of the Power Purchase Agreement (PPA)
- Leading finance partners

SunEdison in the Community Engagement:

Committed to open and honest communications with stakeholders.

Committed to working closely with local Municipalities and First Nation and Métis Communities.

Rural Electrification: Publicly committed to electrifying 20 million people by 2020.

Gender Diversity: Committed to attracting top women executives, providing career growth opportunities, mentorship, and ensuring family friendly office policies.



Large Renewable Procurement (LRP)

- Solar generation in Ontario will grow from 2% of installed capacity in 2013 to 8% in 2025.
- The Ministry of Energy has directed the IESO to develop a Large Renewable Procurement (LRP) program for projects over 500 kW.

LTEP - Renewable Energy Competitive Procurement Targets (Ministry of Energy, 2013)				
	Wind	Solar	Bioenergy	Hydroelectric
LRP I (2014-2015)	300 MW	140 MW	50 MW	75 MW
LRP II (2015-2016)	300 MW	140 MW	50 MW	45 MW
LRP III (2016)	TBD	TBD	TBD	TBD

TBD based on capacity re-allocated from projects not procured or developed through previous procurements.

- The Solar procurement process is highly competitive with 32 applicants qualifying to submit proposals into the LRP.
- Multi-faceted evaluation criteria
- The LRP timeline:
 - Proposals submitted to IESO in September 2015
 - Decision on what projects proceed expected December 2015



Site Considerations Information

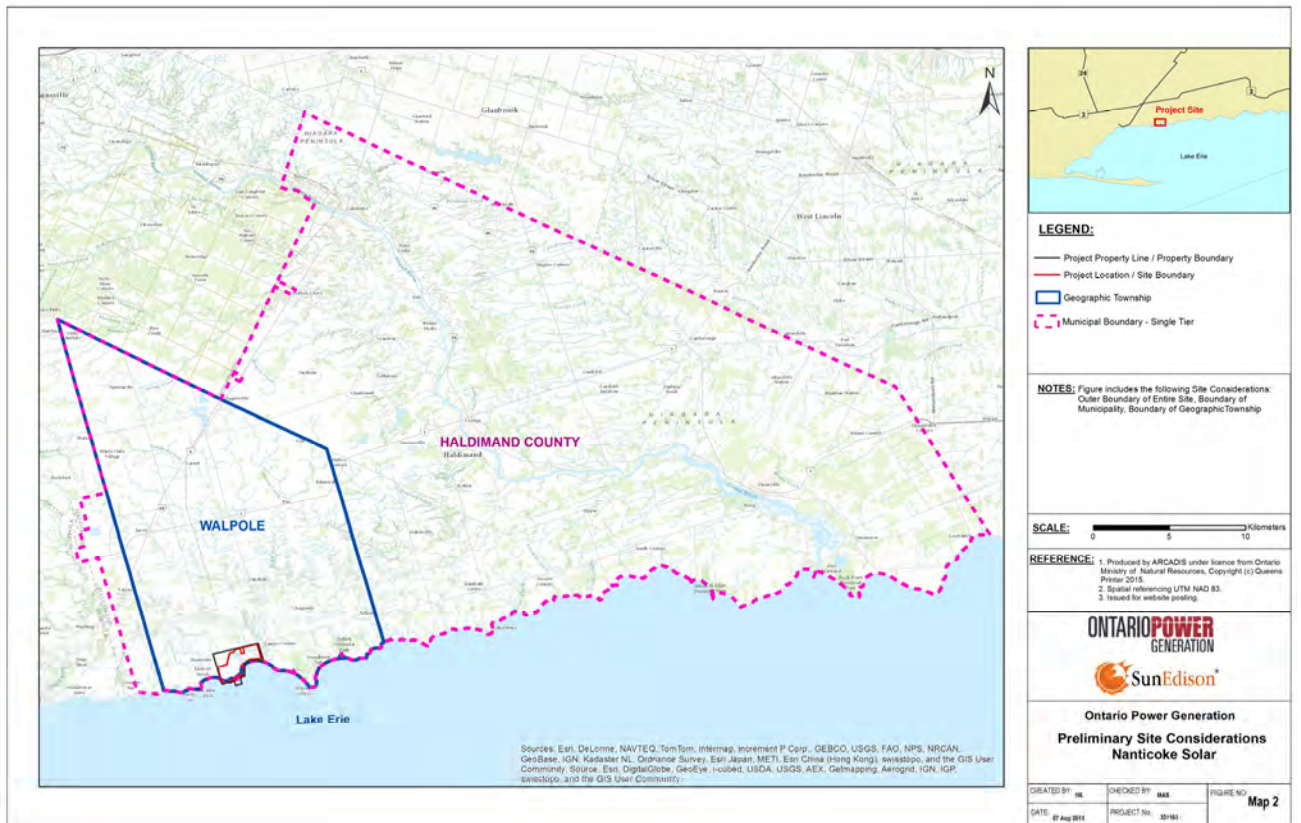
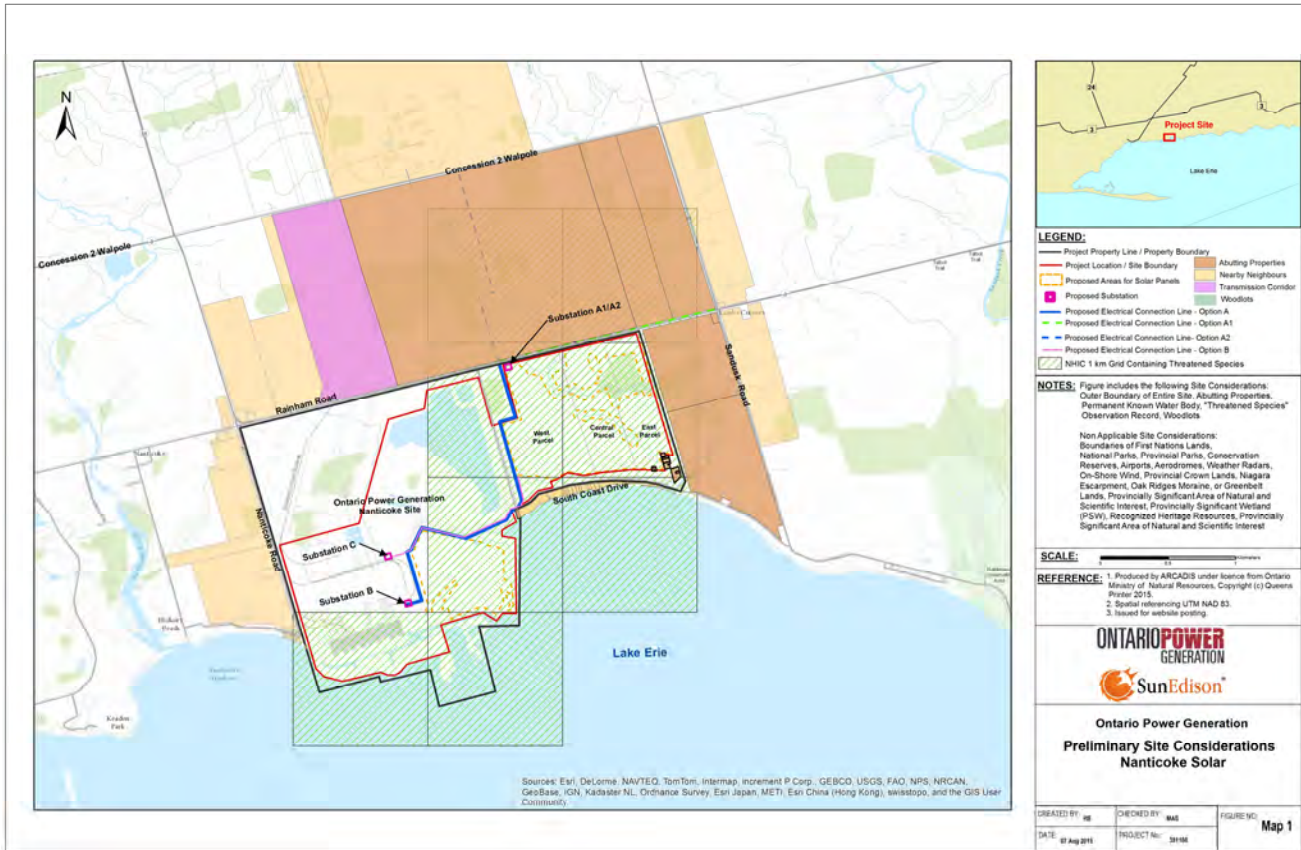
The following table outlines where site considerations information required by the LRP process can be found on the maps:

Site Considerations Information	Map Location
Site location and extent of property	See Map 1
Proposed Connection Lines and Points	See Map 4 and 5
Proposed location of Key features of the project	See Map 6
Municipal boundaries	See Map 2
Boundaries of First Nations Land on which site or connection line is to be located	The project and proposed connection line does not affect boundaries of First Nations Land
Boundaries of geographic township in which project is located	See Map 2
Highways (as defined by Highway Traffic Act) within 5 km of the project site	See Map 3
Railways within 5 km of project site	See Map 3
National park, provincial park, and or conservation reserves located within 120 metres of site or proposed connection line	None of these features are located within 120 m of the site or proposed connection line
Any airports, aerodromes and weather radar within 5km of the site or the proposed connection line.	None of these features are located within 5 km of the site or proposed connection line
Property boundaries for each site on which project and proposed connection line are situated and all properties abutting these properties	See Map 1
Any permanent known water body located within 120 m of the site and proposed connection line	See Map 1
If project is to utilize on-shore wind	Not applicable
If project is to be located on crown lands	Not applicable
If project and proposed connection line is to be located within <ul style="list-style-type: none"> • a Natural Heritage Information Centre 1km grid square which contains endangered or threatened species observations • within 120 m of a provincially significant area of natural and scientific interest • within 120 m of a known provincially significant wetland • within or abutting an area designated in the plan approved under the Niagara Escarpment Planning and Development Act, the Oak Ridges Moraine Conservation Act, the Green belt Act and the Lake Simcoe watershed • or abutting a recognized heritage resource 	See Map 1

Note: Information for Site Considerations Mapping is from the following electronic sources:

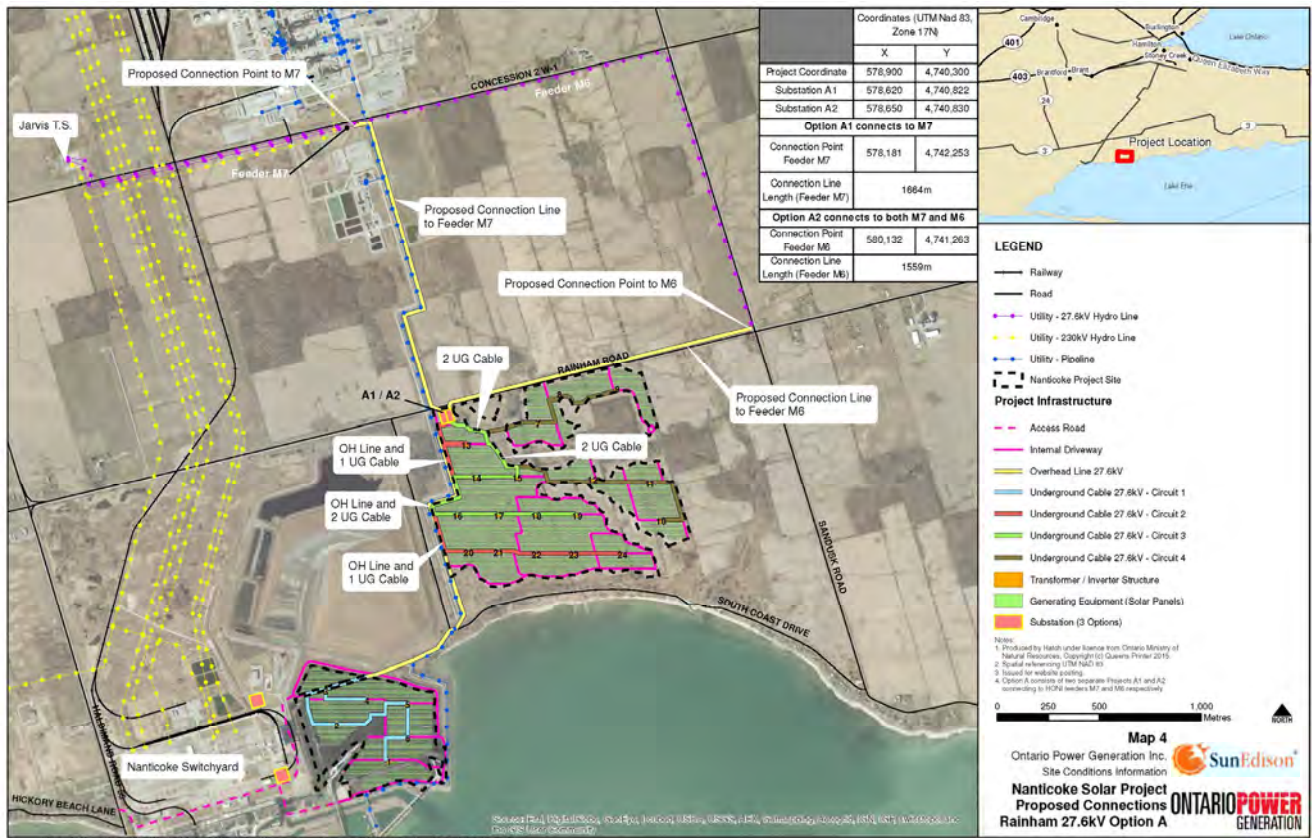
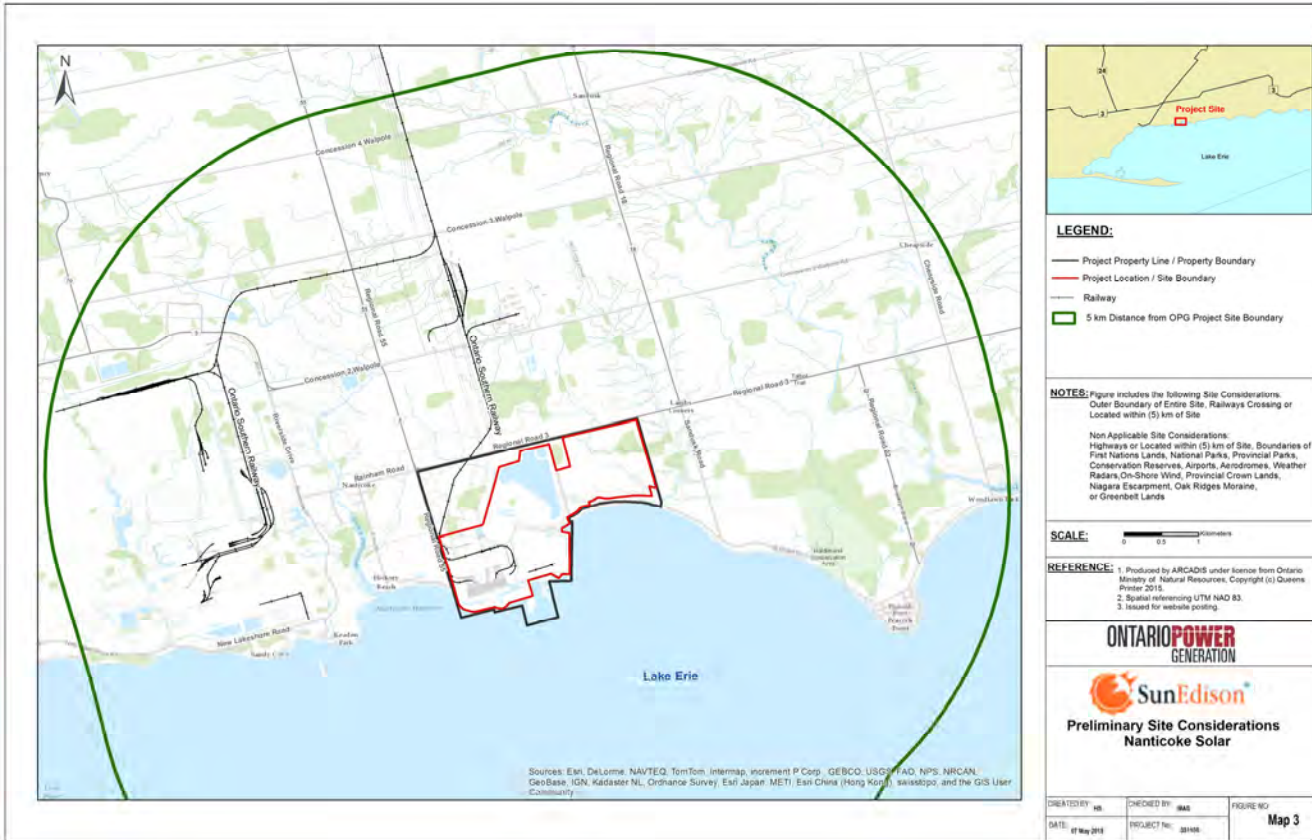
- World Topographic Map hosted by ESRI, including boundaries, cities, water features, physiographic features, parks, landmarks, transportation, and buildings.
- Land Information Ontario open database, as provided by the Ontario Ministry of Natural Resources and Forestry.
- Geowarehouse – Title Search Ontario and Land Titles.
- Heritage Resource locations were provided by municipal, provincial and federal heritage planners with jurisdiction over the Project Property Boundaries. The Large Renewable Energy Project and proposed Connection line are not located within or Abutting a recognized heritage resource.

Site Considerations Maps



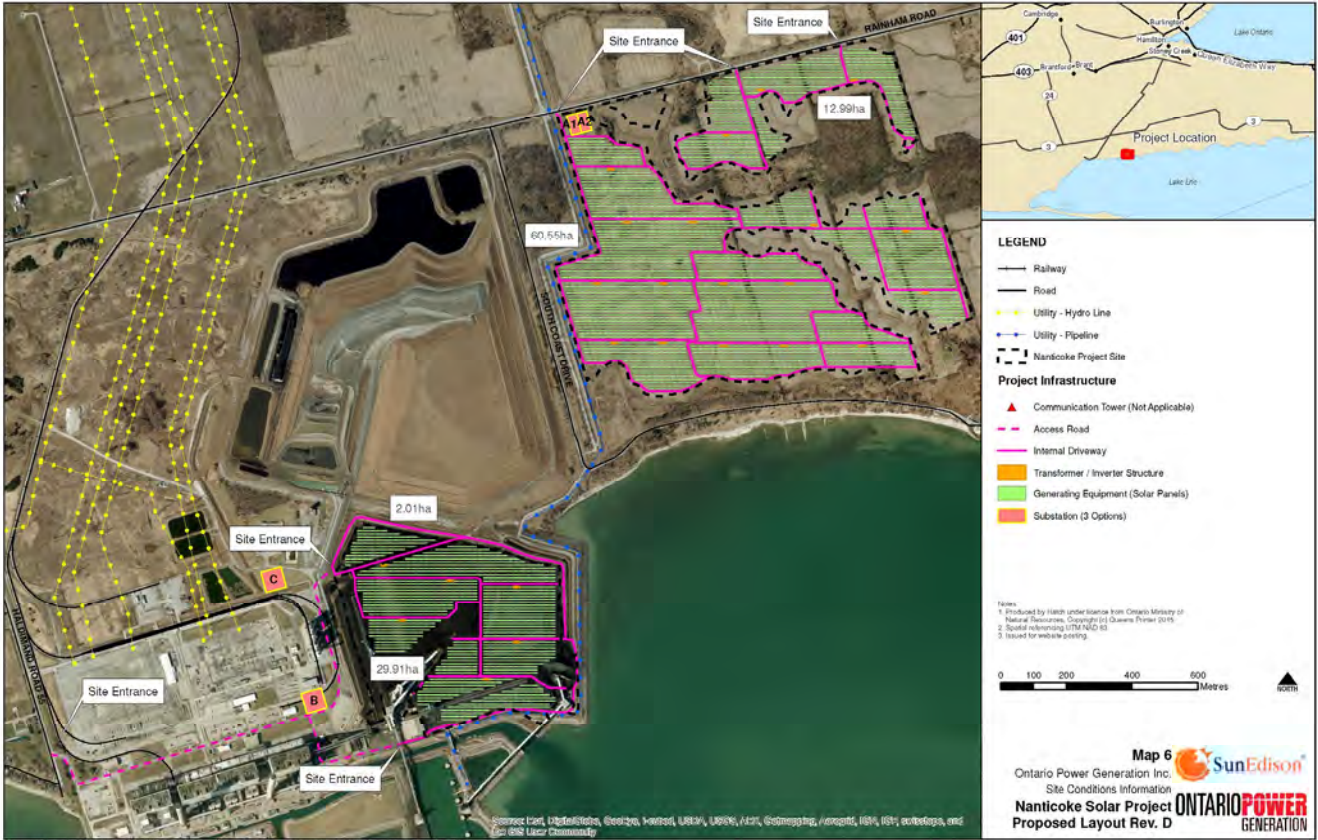
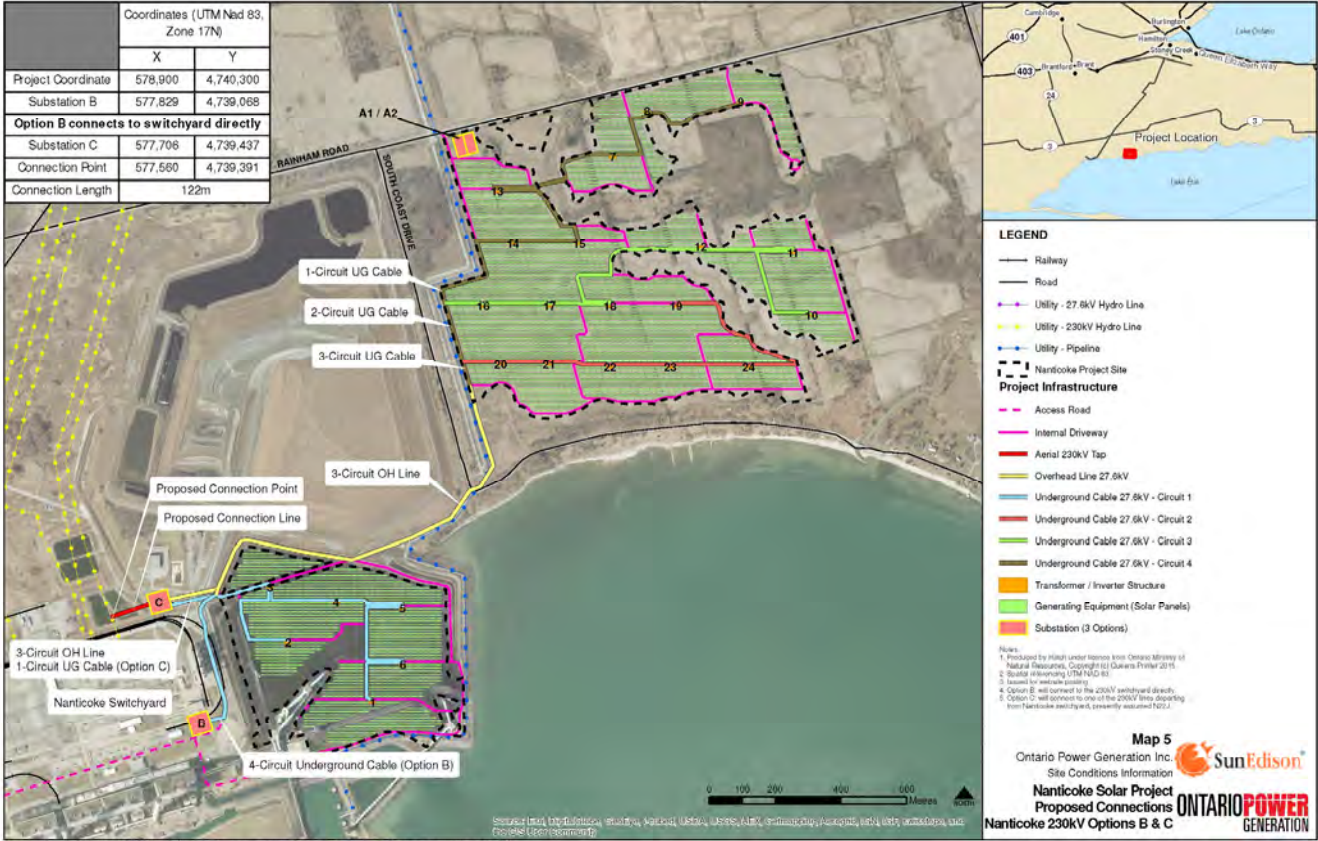


Site Considerations Maps





Site Considerations Maps

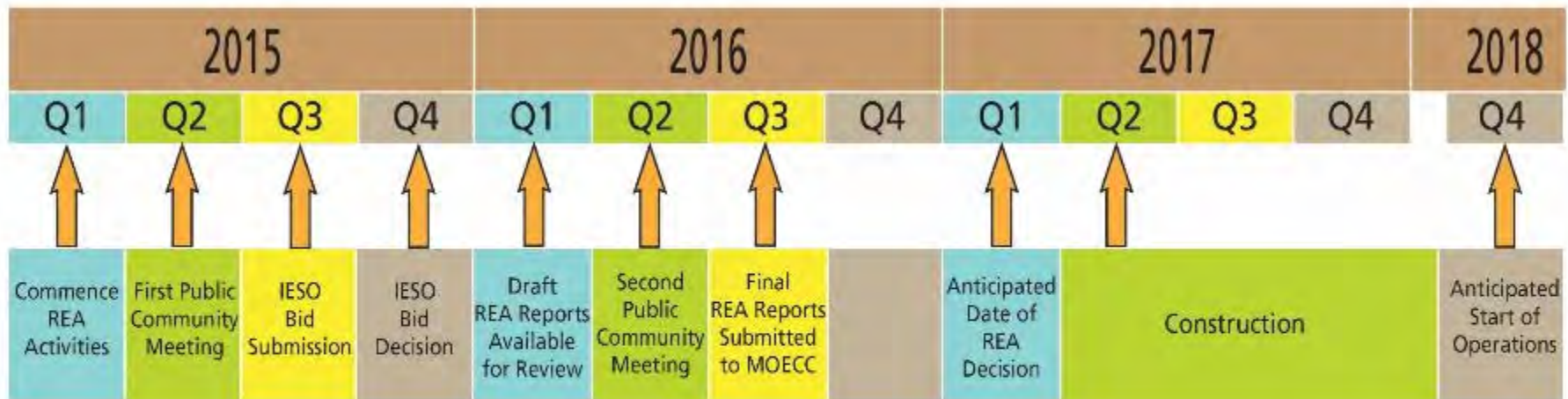




Preliminary Project Schedule



PRELIMINARY PROJECT SCHEDULE



* All dates are subject to change



Proposed Nanticoke Solar Project – Second Public Community Meeting

August 27, 2015

4:00 p.m. to 6:30 p.m.

Nanticoke Community Hall, Nanticoke

Please take a few minutes to complete this questionnaire and leave it in the “comments” box or with a project representative. We are interested in hearing your comments and questions regarding the proposed Nanticoke Solar Project.

1. What aspects of the local environment and your community are most important to you?

2. Do you have concerns about the location of the proposed solar project?

3. Do you have concerns about the construction of the proposed solar project?

4. Do you have concerns about the operation of the proposed solar project?

5. Do you have any other comments you would like to share with members of the Project Team at this time?

If you would like us to provide follow-up information or address questions, please leave your name and address below. ***Please print clearly.***

Name _____ Phone number _____

E-mail Address _____

Street address _____

City _____ Postal code _____

Please leave your completed form in the “comments” box or with a project representative.



NANTICOKE SOLAR PROJECT

AUGUST 17, 2015

Project Overview

SunEdison Canadian Construction LP (the Qualified Applicant) and Ontario Power Generation Inc. (OPG) are proposing to design, build and operate up to a 50 megawatt (MW) Solar Energy Project at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County, Ontario.

The Nanticoke Generating Station is located on a major industrial zoned land located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Solar panels are being considered for four land parcels. One land parcel is located on the former coal pile. There are also three land parcels located immediately east of the Nanticoke GS site (west, central and east parcels).

Solar power captures the sun's energy to generate electricity. Photovoltaic (PV) panels generate no greenhouse gas emissions, pollutants or noise.

Project Activities

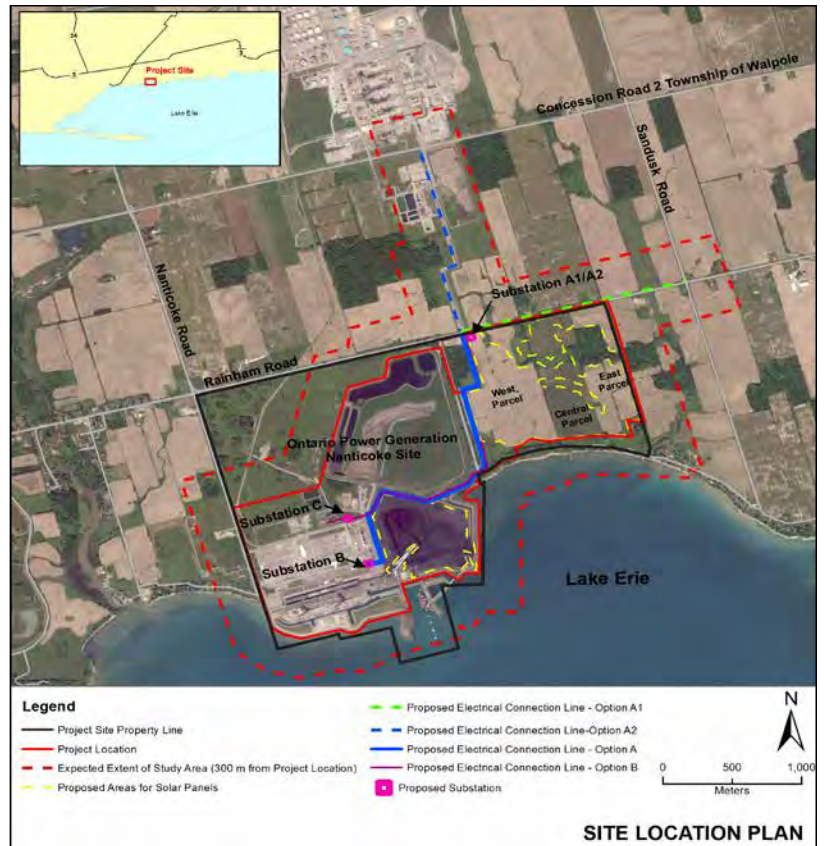
The key activities related to the Nanticoke Solar Project include:

Construction: Planned to commence in 2017 and last for approximately two years. General construction activities include site preparation, solar panel installation, and electrical collection system and interconnection.

Operation: Projected to commence in 2018-2019 based on current schedule and operate for a 20-year period (with proper maintenance, project could continue to operate for an additional 10 or more years). Equipment will be monitored remotely and qualified personnel will be available to complete regular preventative maintenance work.

Decommissioning: Process involves the removal of all Project components and restoring the land to an acceptable condition for its future use.

Decommissioning activities include removal of scrap metal and cabling for recycling, removal and disposal of non-recyclable material to approved disposal sites, removal of industrial waste to be categorized and disposed of in compliance with regulatory requirements and restoring the Project Location for future land uses.



Project Components

Major equipment and infrastructure associated with the Nanticoke Solar Project are described below. Note that all electrical equipment will meet Electrical Safety Authority and Ontario Electrical Safety Code requirements. The Project components include:

- Arrays of solar photovoltaic (PV) panels with the cumulative capacity to generate up to 50 MW power, mounted to racking and anchored to the ground or foundations;
- Electrical inverters to convert DC electricity generated by the solar panels to AC;
- Intermediate step-up transformers, which will be connected to a main transformer prior to interconnection to the provincial grid;
- Electrical cables to connect all the panels and inverters and transformers;
- Site drainage and access roads;
- Weather stations;
- Enclosures for electrical equipment (e-houses);
- Security fencing around the Project Site; and
- During construction, temporary construction laydown area and facilities (e.g., office trailers, portable toilets, etc.).

NANTICOKE SOLAR PROJECT

AUGUST 17, 2015

Large Renewable Procurement

The Nanticoke Solar Project will be submitted into the Independent Electricity System Operator (IESO)/ Ontario Power Authority (OPA) Large Renewable Procurement (LRP) I request for proposal process. The IESO/OPA is expected to award contracts to successful projects at the end of 2015.

Potential Environmental Effects

We are committed to studying and mitigating potential environmental effects of constructing, operating and decommissioning a solar facility. We welcome any comments, questions or concerns regarding potential environmental effects. As part of our environmental commitment, the following studies will be completed:

Cultural Heritage and Archeological Assessments:

There are no known heritage or archaeological resources on the Project Site, but a cultural heritage and archaeological assessment will be carried out in accordance with the Ontario Heritage Act.

Natural Heritage Assessment:

There are no areas of natural and scientific interest, provincial parks or conservation areas located within 50 metres of the project location. If our studies confirm any natural features within 120 metres of the project location an Environmental Impact Study may be required.

Water Body Assessment:

We will identify potential surface water features and assess any negative environmental effects of the project on the water body.

Screening of Potential Environmental Effects:

We will study potential environmental effects, including air, odour and dust emissions, noise emissions; sewage and stormwater management concerns; local interests, land use, resources and infrastructure; public health and safety; wetlands and woodlands; and water bodies.

We Want To Hear From You!

We are committed to Aboriginal and public consultation throughout the Renewable Energy Approvals process. We would be pleased to receive any comments, concerns or questions.

Contact

Svetlana Helc

Corporate Business
Development

Phone: (416) 592-6658

Ray Davies

Corporate Business
Development

Phone: (416) 592-1743

Gillian MacLeod

Senior Environmental
Advisor

Phone: (416) 592-3481

Email: info@nanticokesolar.com

Website: www.nanticokesolar.com



**NANTICOKE SOLAR PROJECT
SECOND PUBLIC COMMUNITY MEETING
SUMMARY REPORT**

Submitted to:

NANTICOKE SOLAR LP

700 University Avenue

Toronto, Ontario

M5G 1X6

Prepared by:

SENES Consultants

now ARCADIS CANADA INC.,

121 Granton Drive, Suite 12

Richmond Hill, Ontario

L4B 3N4

August 2015

Table of Contents

1.0	Introduction	1
2.0	Overview of Second Public Community Meeting	2

Tables

Table 1.	Summary of Comments and Questions Received	3
----------	--	---

List of Appendices

Appendix A: LRP I Prescribed Form – “Notice of Public Community Meeting for a Project Proposal under the Large Renewable Procurement”

Appendix B: Display Panels for Nanticoke Solar Project Second Public Community Meeting

Appendix C: Comment Sheet for Nanticoke Solar Project Second Public Community Meeting

Appendix D: Project Fact Sheet and SunEdison Informational Brochures

1.0 Introduction

A public community meeting for the Nanticoke Solar Project was hosted by Ontario Power Generation Inc. (OPG) on June 3, 2015, to meet the requirements of the Renewable Energy Approval (REA) process and the Large Renewable Procurement (LRP I) process for the proposed Nanticoke Solar Project. Subsequently, OPG and SunEdison Canadian Construction LP (SunEdison) entered into a joint venture to submit a proposal for the Project in the Independent Electricity System Operator's (IESO) Large Renewable Procurement (LRP). The Project details have not changed since the first public community meeting, and SunEdison will abide by all commitments made to date.

With the formation of the joint venture, SunEdison and OPG jointly hosted an additional public community meeting, with the main objective of introducing SunEdison to the community. Public community meetings are an effective method of providing Project information to the public while simultaneously collecting input, feedback and information from neighbours, stakeholders and collaborating with the public in a live face-to-face setting.

The second public community meeting was held for the proposed Nanticoke Solar Project with the following objectives:

- Introduce the community to SunEdison and inform them of the partnership between OPG and SunEdison;
- Provide an overview of and review the proposed solar project;
- Review the LRP I process;
- Provide the community with the opportunity to share their interests, concerns, input, questions, ideas with respect to the Solar Project; and
- Understand the questions, concerns and expectations of stakeholders.

2.0 Overview of Second Public Community Meeting

The second public community meeting for the proposed Nanticoke Solar Project was held at the Nanticoke Community Hall located at 39 Rainham Road in Nanticoke, Ontario on Thursday August 27, 2015 from 4:00 pm to 6:30 pm.

The public was given notification of the meeting via distribution of the LRP I Prescribed Form – “Notice of Public Community Meeting for a Project Proposal under the Large Renewable Procurement”, a minimum of 15 days prior to the meeting, using the following methods:

- Advertised in local newspapers on two separate days:
 - **Simcoe Reformer** – Tuesday August 11, 2015; and
 - **Haldimand Press** – Wednesday August 12, 2015
- Posted on the www.nanticokesolar.com Project website on Tuesday August 11, 2015
- Delivered to individuals on the Project contact list, which includes all people and groups specified in the LRP.

A copy of the LRP I Prescribed Form public notice is provided in Appendix A.

The meeting was held in a “trade fair” format with Project Team members on hand to meet with the attendees, hear concerns and issues, and address questions where appropriate. Four (4) Ontario Power Generation (OPG) employees were present in addition to one (1) SunEdison employee, and one (1) member of the SENES (ARCADIS) consultant team, for a total of six (6) Project Team members. Nine (9) informational poster boards were on display which provided a review of the proposed Project, an overview of OPG and SunEdison, a review of the LRP process, site considerations information, project timeline and schedule. Project Team members were available to address any comments, questions, or inquiries. A copy of the display panels was posted to the project website after the meeting, and panel content is also located in Appendix B.

Copies of informational materials were made available for public viewing at the meeting, such as a project fact sheet, SunEdison informational brochures (Appendix D), the notice of public community meeting, and copies of literature including the Community and Aboriginal Engagement Plans for the proposed Nanticoke Solar Project. These materials are also available on the Project website.

Ten (10) members of the public attended the public community meeting and all but one attendees registered by signing the sign-in sheet upon entering the meeting. All attendees were also provided with a comment sheet upon signing in, and were asked to provide any comments, concerns, or questions via this mechanism as well as speaking to team members. Two comment sheets were received at the meeting. A copy of a blank sample comment sheet was posted to the Project website following the meeting, and it is also located in Appendix C.

Attendees are also invited to submit any comments, question, or concerns, after the meeting via e-mail to info@nanticoke.com.

The overall tone of the meeting was generally neutral to positive, with some concerns raised (see Table 1 below). OPG and SunEdison have noted and recorded all questions, comments, and concerns received at the meeting, and following the meeting via the comment form.

Table 1 below provides an overview of general comments and questions.

OPG and SunEdison are committed to building an open and transparent relationship with the local community and we are intent on consultation and communication with the public from the early project stages, and beyond, should the LRP bid be successful.

OPG and SunEdison appreciate and encourage public input and welcome questions and feedback.

Table 1. Summary of Comments and Questions Received

Issue	Comments and Questions Received
Aesthetics	Will there be berms to block the view of solar panels?
Closure of the Nanticoke GS Coal Plant and Future Use	How will the decommissioning of the Nanticoke GS impact water and electricity for Haldimand County?
	When the Nanticoke GS closes, who will be responsible for managing water runoff from the coal pile?
	Why can't the Nanticoke GS be a natural gas station?
	Concern that the Nanticoke GS site lost, and would like to see the site used either for a gas plant or for some other industrial use.
Coal Pile / Coal Yard / Fly Ash Pile	Will the fly ash contaminate drinking water?
Construction	Concern about the possibility of dust migrating to the Oneida Baptist Camp in July and August.
Employment Opportunities	OPG has been good with unions, will this continue? Will unions be involved with this solar project?
	Please secure as much local labour as possible.
Environmental Effects	Concern regarding the creek that runs through the Dennis Farm lands. Currently, runoff from the creek results in a buildup of <i>E.coli</i> which causes the Oneida Baptist Camp to close their beach every summer.
	Once the solar project will be built and operational, will OPG continue to use its existing Nanticoke GS monitoring wells to monitor groundwater, particularly around the coal pile?
	Extreme weather conditions are becoming the norm. How will overall drainage be integrated to prevent erosion during

Issue	Comments and Questions Received
	exceptional rainfall events?
	What are the anticipated impacts on ground water resources quality/quantity?
Miscellaneous	Concern about access to property using a laneway that currently runs through Imperial Oil lands. Will OPG continue to allow such access?
	What measures will be employed to limit the fire hazard conditions under the panels during extended dry periods?
	If berms are to be installed for screening, what measures will be used to control weed growth?
	What role does OPG have in the Ontario electrical system?
	What role does SunEdison have in this project? Are SunEdison the people who will construct the solar farm?
	I am glad that coal is gone, and happy to see this land used for renewable energy.
Project Location	Will the solar project cut off the access to the bible camp? The bible camp is land locked, and the campers access the camp via a footpath at the side of the Imperial Oil east parcel.
	Will the solar project be fenced in?
Solar Power / Solar Panels	Will the solar panels track the sun?
	What is the structure proposed to keep the solar panels down?
Use of Farmland	Concerned with the loss of productive farmland occupied by the solar panels.
	The Haldimand clay plain is characterized by shallow topsoils, resulting in a very fragile agricultural profile. Is it necessary to flatten the site, thereby disturbing the topsoil, disrupting natural drainage patterns, and limiting future potential rehabilitation to a productive agricultural resource?
	What kind of vegetative ground cover is planned under the panels?
	How is the growth of weeds planned to be managed?
	Is there potential for crop production under the panels? If so, is there potential for grazing for small animals/livestock (i.e., sheet, goats)?

APPENDIX A

**LRP I Prescribed Form – “Notice of Public Community Meeting for a Project Proposal
under the Large Renewable Procurement”**

Notice of Public Community Meeting For a Project Proposal Under the Large Renewable Procurement

Ontario Power Generation Inc. (OPG) hosted a public community meeting for the Nanticoke Solar Project on June 3, 2015. Subsequently, OPG and SunEdison Canadian Construction LP (SunEdison) entered into a joint venture to submit a proposal for the Project in the Independent Electricity System Operator's Large Renewable Procurement. The Project details have not changed and SunEdison will abide by all commitments made to date. With the formation of this joint venture, we invite you to attend an additional public community meeting hosted jointly by SunEdison and OPG.

The proponent identified below is proposing to submit a proposal to the Independent Electricity System Operator (IESO) to design, build, and operate a Large Renewable Project for the generation of electricity under the IESO's Large Renewable Procurement (LRP).

The LRP is a competitive process for procuring large renewable energy projects generally larger than 500 kilowatts. At the conclusion of the LRP, the IESO may award contracts for successful projects up to the specified procurement targets for each renewable fuel: 300 megawatts (MW) for wind, 140 MW for solar, 75 MW for waterpower, and 50 MW for bioenergy.

This notice is being distributed to notify members of the public of a public community meeting that has been scheduled to discuss the Large Renewable Project proposal. Information regarding the proponent, the Large Renewable Project proposal, and the meeting details are described below.

This public community meeting is being held as part of the early community engagement requirements of the LRP. The public community meeting will present details about the Large Renewable Project and its proposed connection line. Representatives of the proponent will be available to discuss the Large Renewable Project and the overall LRP process. Should this Large Renewable Project be awarded a contract, the Large Renewable Project would need to obtain all required permits and approvals and conduct any further required community engagement activities.

Further details regarding the LRP are available at www.ieso.ca/lrp.

Proponent and the Large Renewable Project proposal

Proponent:	Nanticoke Solar LP
Qualified Applicant from the LRP Request for Qualifications stage associated with the proponent:	SunEdison Canadian Construction LP
Name of the Large Renewable Project proposal:	Nanticoke Solar
Renewable fuel of the Large Renewable Project:	Non-rooftop solar
Proposed capacity of the Large Renewable Project (MW):	50 MW
Proposed connection point of the Large Renewable Project:	On-site connection to existing overhead transmission lines leading from Hydro One operated switchyard at Nanticoke Generating Station (GS) OR Off-site connections to existing local distribution network leading to the Jarvis Transformer Station (TS).

Proposed location of the Large Renewable Project and proposed connection line

Located in Haldimand County, on and adjacent to OPG owned land, south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Note, one of the connection options extends off-site north of Rainham Road.

Public community meeting information

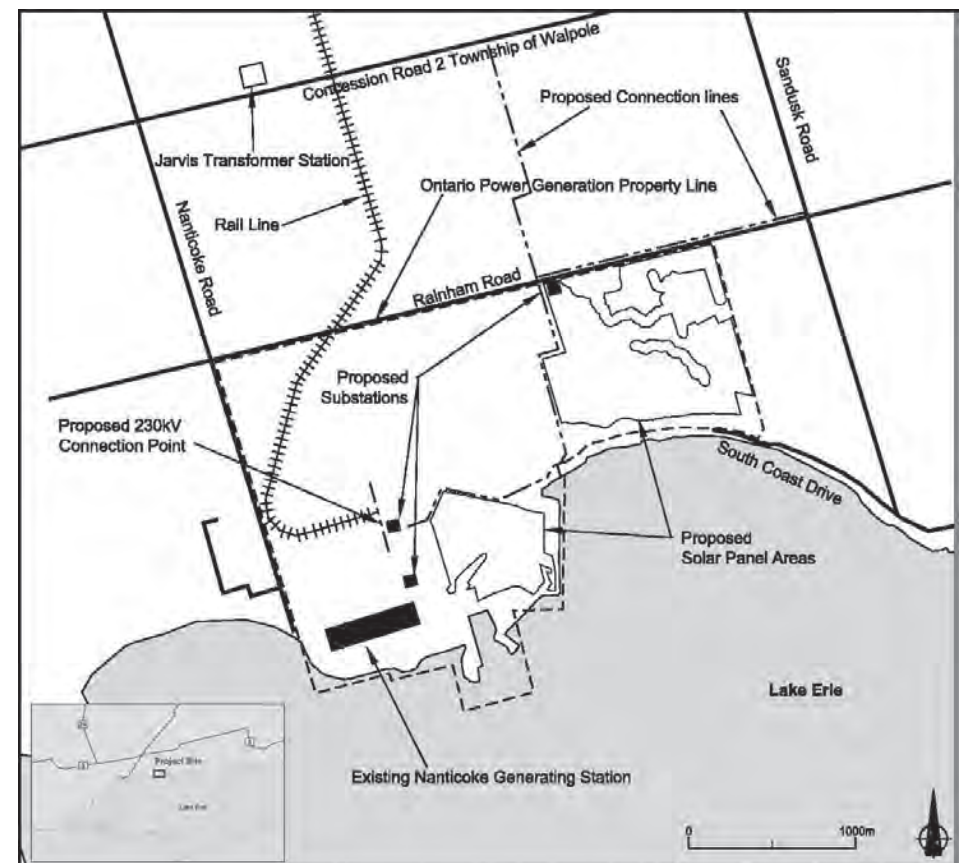
Nanticoke Community Hall
38 Rainham Road, Nanticoke, ON N0A 1L0

Thursday, August 27, 2015

4 p.m. to 6:30 p.m.

Contact information for the proponent

Svetlana Helc	Gillian MacLeod
Project Manager, Corporate Business Development	Senior Environmental Advisor
(416) 592-6658	(416) 592-3481
700 University Avenue H18 E22 Toronto, ON M5G 1X6	700 University Avenue H18 D16 Toronto, ON M5G 1X6
Project E-mail: info@nanticoquesolar.com	
Project Website: www.nanticoquesolar.com	



APPENDIX B

Display Panels for Nanticoke Solar Project Second Public Community Meeting



Nanticoke Solar Project

Welcome to our Second Public Community Meeting

August 2015





About OPG

OPG was created in 1999 from the assets of Ontario Hydro



- OPG’s generating portfolio has a total capacity of over 16,000 megawatts (MW)
 - 2 Nuclear Stations
 - 3 Thermal Stations
 - 65 Hydroelectric Stations

- OPG is allowed to participate in the Large Renewable Procurement (LRP)

- Solar projects are one of the best short to medium term growth opportunities for OPG:
 - OPG’s market share has been shrinking (coal closure)
 - Limited demand for new generation in the Province
 - New revenue stream (from Green Energy)

- Allows OPG to leverage and utilize existing sites

- OPG is bidding this project as part of the Independent Electricity System Operator (IESO) LRP I



Who is SunEdison?

SunEdison is dedicated to transforming the way energy is generated, distributed, and owned around the globe. We manufacture solar technology and develop, finance, install, own and operate solar and wind energy power plants. SunEdison is one of the world's largest renewable energy asset managers and provides asset management, operations and maintenance, monitoring and reporting services for its renewable energy customers around the world.



SunEdison is the World's Largest Renewable Energy Developer

- Formed in 1959
- Listed on NYSE (SUNE), Member of Fortune 1000
- 5,600+ employees in 35 global locations
- Manufacturing plants on 3 continents
- Over 5 GW of wind and solar interconnected

Innovation and Technology Leader

- Over 750 patents awarded
- Leading the next generation of solar panel performance and cost reduction with the world's lowest cost silicon via HP-FBR technology and the world's most efficient n-type silicon via proprietary CCZ technology

Leader in Utility Scale Power Plants

Wind. Solar. A complete clean energy platform. SunEdison works with the world's leading utilities to help them meet their clean generation needs.

Global and Financial Leader

- Over \$5.6 Billion in structured solar financing
- Original inventor of the Power Purchase Agreement (PPA)
- Leading finance partners

SunEdison in the Community Engagement:

Committed to open and honest communications with stakeholders.

Committed to working closely with local Municipalities and First Nation and Métis Communities.

Rural Electrification: Publicly committed to electrifying 20 million people by 2020.

Gender Diversity: Committed to attracting top women executives, providing career growth opportunities, mentorship, and ensuring family friendly office policies.



Large Renewable Procurement (LRP)

- Solar generation in Ontario will grow from 2% of installed capacity in 2013 to 8% in 2025.
- The Ministry of Energy has directed the IESO to develop a Large Renewable Procurement (LRP) program for projects over 500 kW.

LTEP - Renewable Energy Competitive Procurement Targets (Ministry of Energy, 2013)				
	Wind	Solar	Bioenergy	Hydroelectric
LRP I (2014-2015)	300 MW	140 MW	50 MW	75 MW
LRP II (2015-2016)	300 MW	140 MW	50 MW	45 MW
LRP III (2016)	TBD	TBD	TBD	TBD

TBD based on capacity re-allocated from projects not procured or developed through previous procurements.

- The Solar procurement process is highly competitive with 32 applicants qualifying to submit proposals into the LRP.
- Multi-faceted evaluation criteria
- The LRP timeline:
 - Proposals submitted to IESO in September 2015
 - Decision on what projects proceed expected December 2015



Site Considerations Information

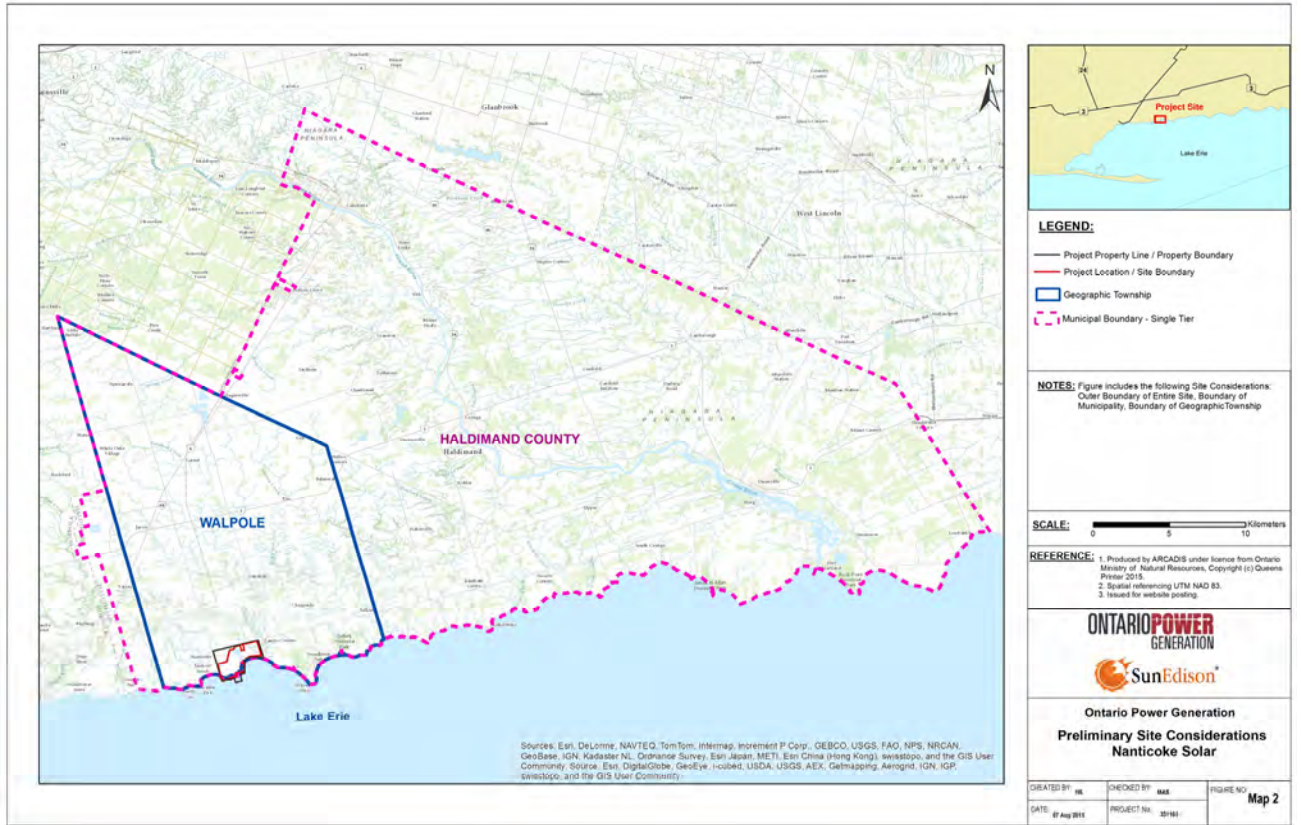
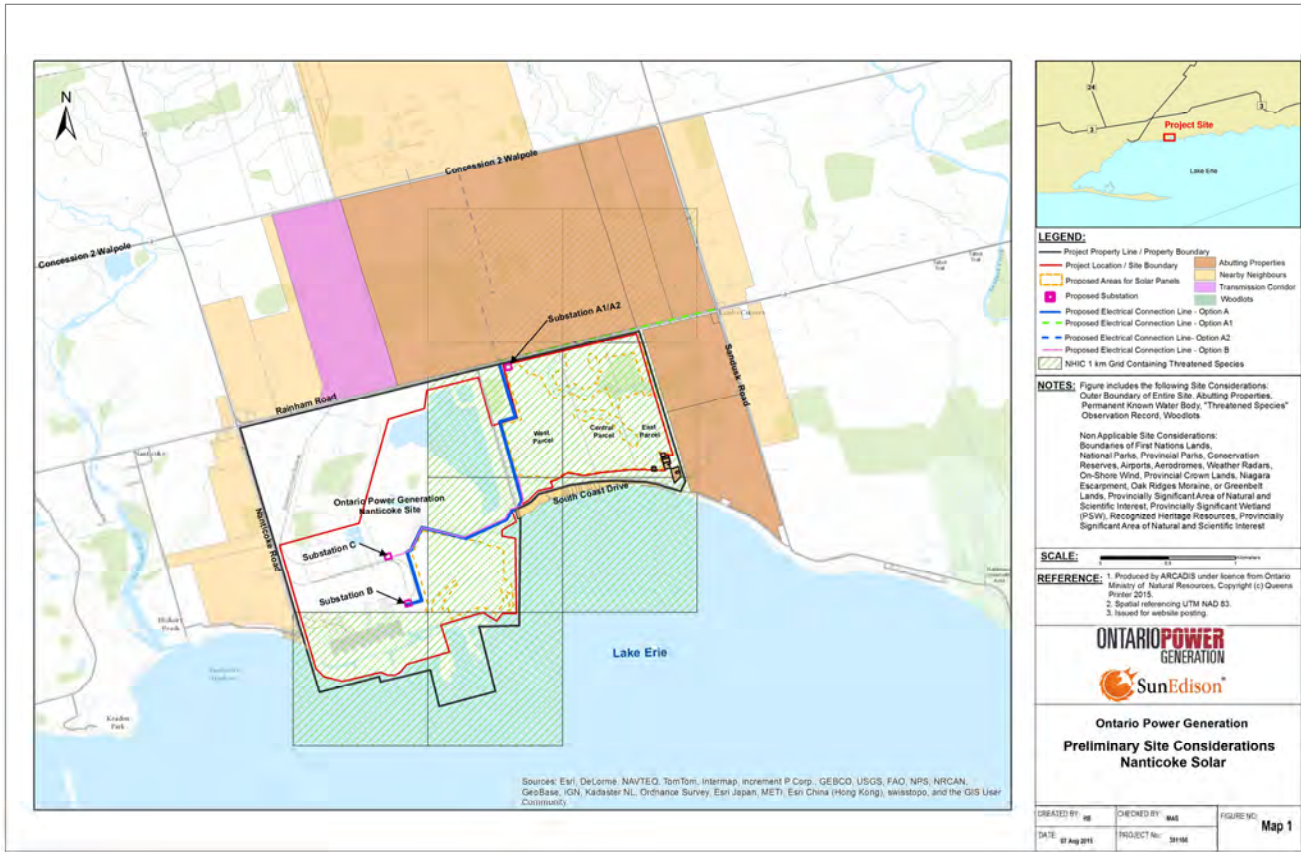
The following table outlines where site considerations information required by the LRP process can be found on the maps:

Site Considerations Information	Map Location
Site location and extent of property	See Map 1
Proposed Connection Lines and Points	See Map 4 and 5
Proposed location of Key features of the project	See Map 6
Municipal boundaries	See Map 2
Boundaries of First Nations Land on which site or connection line is to be located	The project and proposed connection line does not affect boundaries of First Nations Land
Boundaries of geographic township in which project is located	See Map 2
Highways (as defined by Highway Traffic Act) within 5 km of the project site	See Map 3
Railways within 5 km of project site	See Map 3
National park, provincial park, and or conservation reserves located within 120 metres of site or proposed connection line	None of these features are located within 120 m of the site or proposed connection line
Any airports, aerodromes and weather radar within 5km of the site or the proposed connection line.	None of these features are located within 5 km of the site or proposed connection line
Property boundaries for each site on which project and proposed connection line are situated and all properties abutting these properties	See Map 1
Any permanent known water body located within 120 m of the site and proposed connection line	See Map 1
If project is to utilize on-shore wind	Not applicable
If project is to be located on crown lands	Not applicable
If project and proposed connection line is to be located within <ul style="list-style-type: none"> • a Natural Heritage Information Centre 1km grid square which contains endangered or threatened species observations • within 120 m of a provincially significant area of natural and scientific interest • within 120 m of a known provincially significant wetland • within or abutting an area designated in the plan approved under the Niagara Escarpment Planning and Development Act, the Oak Ridges Moraine Conservation Act, the Green belt Act and the Lake Simcoe watershed • or abutting a recognized heritage resource 	See Map 1

Note: Information for Site Considerations Mapping is from the following electronic sources:

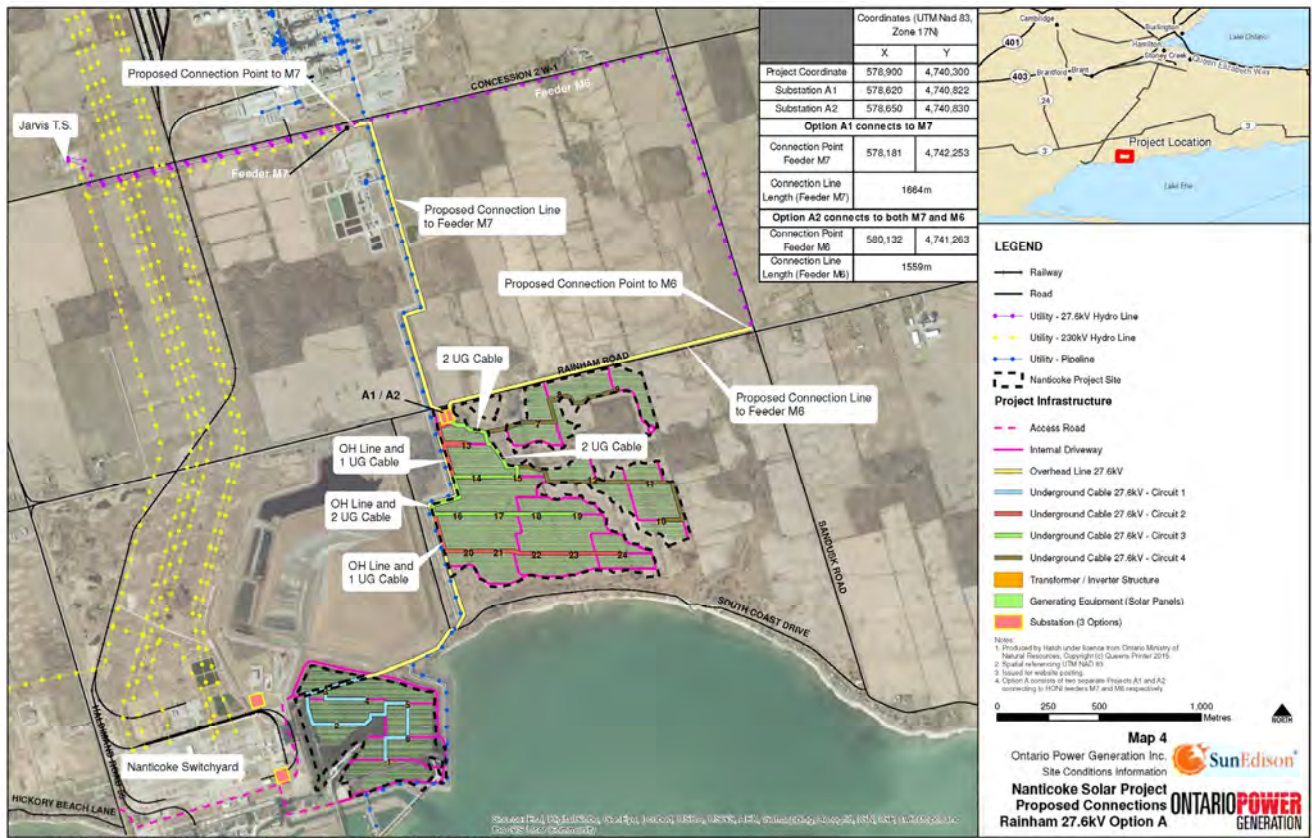
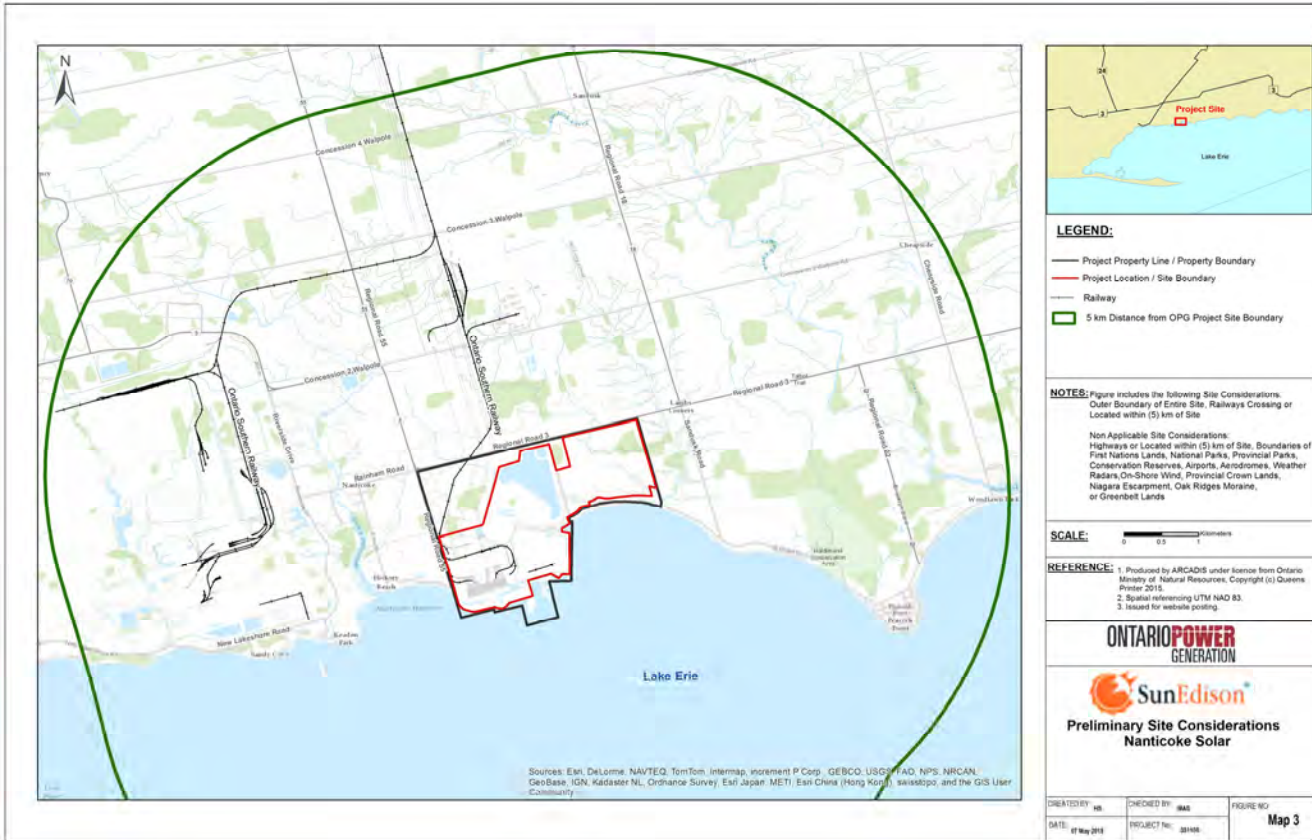
- World Topographic Map hosted by ESRI, including boundaries, cities, water features, physiographic features, parks, landmarks, transportation, and buildings.
- Land Information Ontario open database, as provided by the Ontario Ministry of Natural Resources and Forestry.
- Geowarehouse – Title Search Ontario and Land Titles.
- Heritage Resource locations were provided by municipal, provincial and federal heritage planners with jurisdiction over the Project Property Boundaries. The Large Renewable Energy Project and proposed Connection line are not located within or Abutting a recognized heritage resource.

Site Considerations Maps



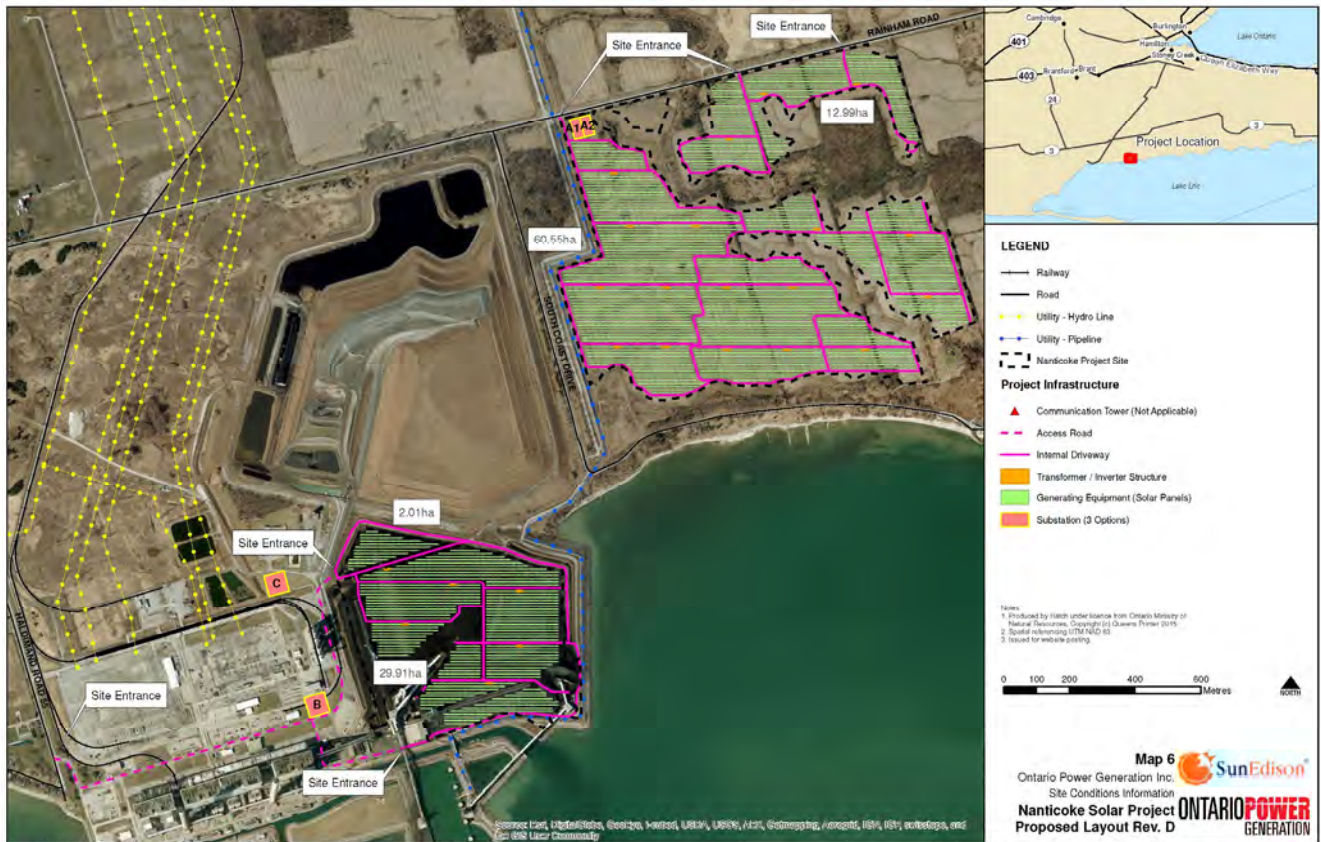
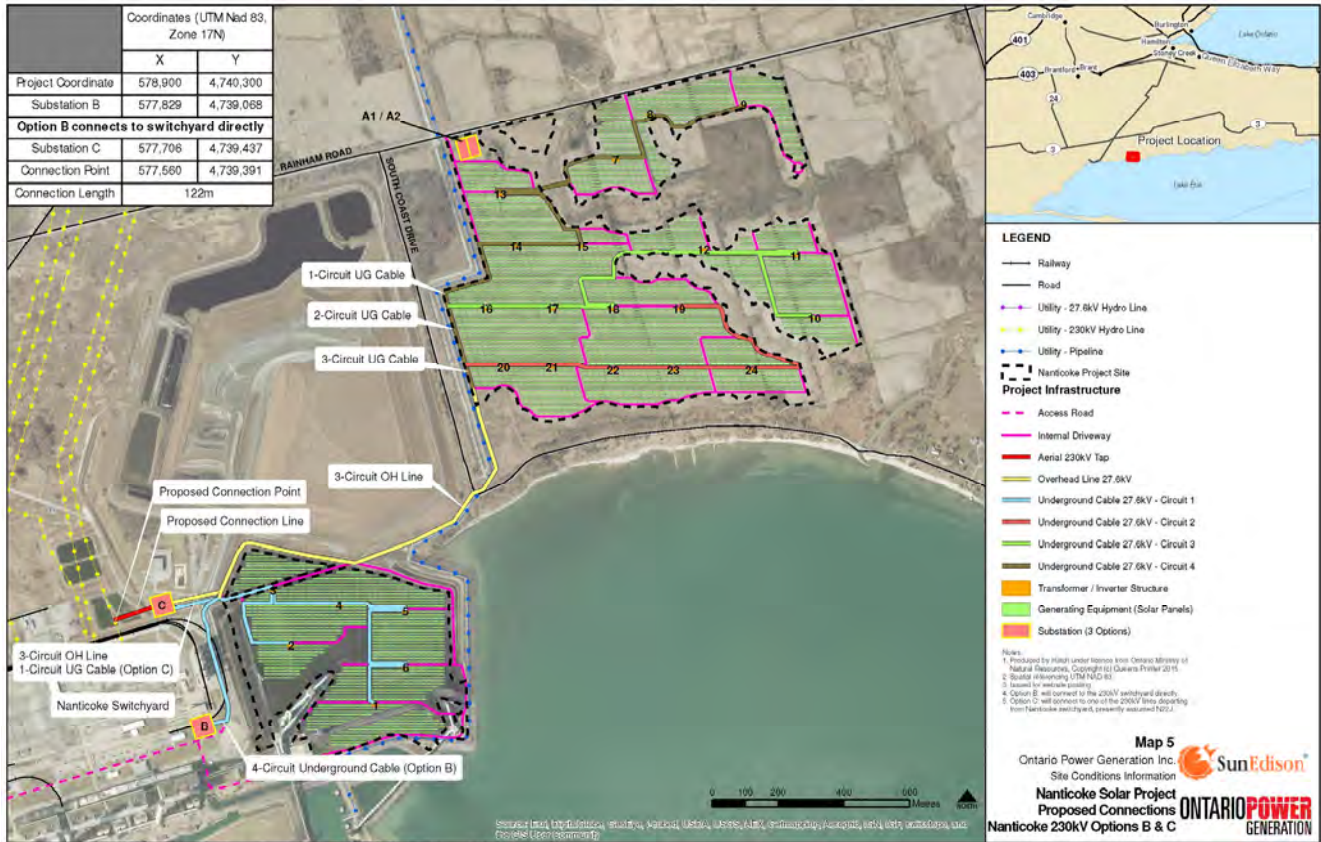


Site Considerations Maps





Site Considerations Maps

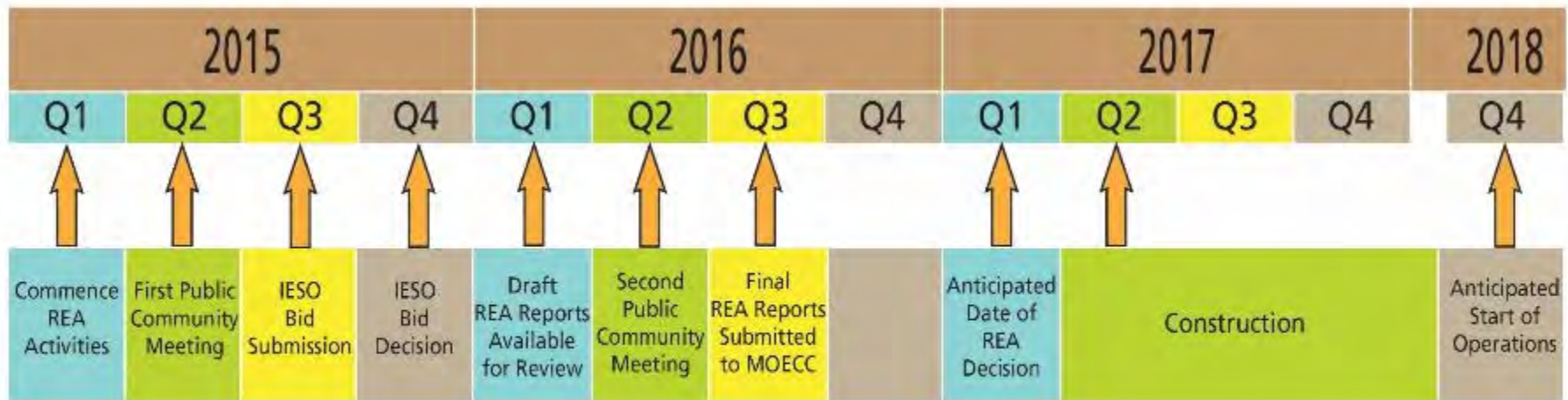




Preliminary Project Schedule



PRELIMINARY PROJECT SCHEDULE



* All dates are subject to change



APPENDIX C

Comment Sheet for Nanticoke Solar Project Second Public Community Meeting

Proposed Nanticoke Solar Project – Second Public Community Meeting

August 27, 2015

4:00 p.m. to 6:30 p.m.

Nanticoke Community Hall, Nanticoke

Please take a few minutes to complete this questionnaire and leave it in the “comments” box or with a project representative. We are interested in hearing your comments and questions regarding the proposed Nanticoke Solar Project.

1. What aspects of the local environment and your community are most important to you?

2. Do you have concerns about the location of the proposed solar project?

3. Do you have concerns about the construction of the proposed solar project?

4. Do you have concerns about the operation of the proposed solar project?

5. Do you have any other comments you would like to share with members of the Project Team at this time?

If you would like us to provide follow-up information or address questions, please leave your name and address below. ***Please print clearly.***

Name _____ Phone number _____

E-mail Address _____

Street address _____

City _____ Postal code _____

Please leave your completed form in the “comments” box or with a project representative.



APPENDIX D

Project Fact Sheet and SunEdison Informational Brochures

NANTICOKE SOLAR PROJECT

AUGUST 17, 2015

Project Overview

SunEdison Canadian Construction LP (the Qualified Applicant) and Ontario Power Generation Inc. (OPG) are proposing to design, build and operate up to a 50 megawatt (MW) Solar Energy Project at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County, Ontario.

The Nanticoke Generating Station is located on a major industrial zoned land located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Solar panels are being considered for four land parcels. One land parcel is located on the former coal pile. There are also three land parcels located immediately east of the Nanticoke GS site (west, central and east parcels).

Solar power captures the sun's energy to generate electricity. Photovoltaic (PV) panels generate no greenhouse gas emissions, pollutants or noise.

Project Activities

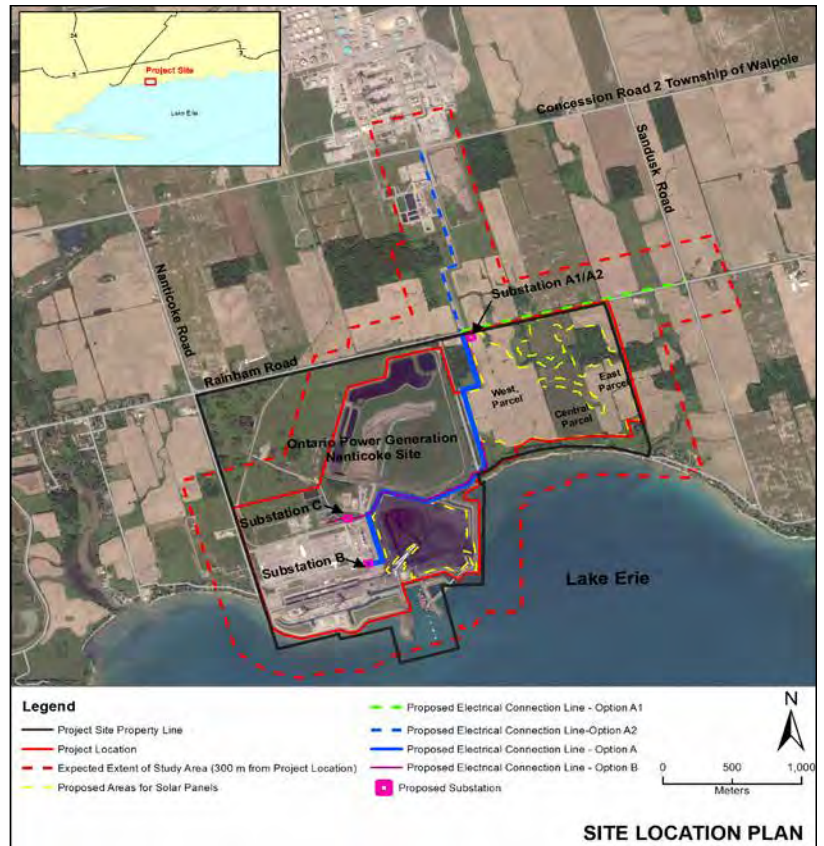
The key activities related to the Nanticoke Solar Project include:

Construction: Planned to commence in 2017 and last for approximately two years. General construction activities include site preparation, solar panel installation, and electrical collection system and interconnection.

Operation: Projected to commence in 2018-2019 based on current schedule and operate for a 20-year period (with proper maintenance, project could continue to operate for an additional 10 or more years). Equipment will be monitored remotely and qualified personnel will be available to complete regular preventative maintenance work.

Decommissioning: Process involves the removal of all Project components and restoring the land to an acceptable condition for its future use.

Decommissioning activities include removal of scrap metal and cabling for recycling, removal and disposal of non-recyclable material to approved disposal sites, removal of industrial waste to be categorized and disposed of in compliance with regulatory requirements and restoring the Project Location for future land uses.



Project Components

Major equipment and infrastructure associated with the Nanticoke Solar Project are described below. Note that all electrical equipment will meet Electrical Safety Authority and Ontario Electrical Safety Code requirements. The Project components include:

- Arrays of solar photovoltaic (PV) panels with the cumulative capacity to generate up to 50 MW power, mounted to racking and anchored to the ground or foundations;
- Electrical inverters to convert DC electricity generated by the solar panels to AC;
- Intermediate step-up transformers, which will be connected to a main transformer prior to interconnection to the provincial grid;
- Electrical cables to connect all the panels and inverters and transformers;
- Site drainage and access roads;
- Weather stations;
- Enclosures for electrical equipment (e-houses);
- Security fencing around the Project Site; and
- During construction, temporary construction laydown area and facilities (e.g., office trailers, portable toilets, etc.).

NANTICOKE SOLAR PROJECT

AUGUST 17, 2015

Large Renewable Procurement

The Nanticoke Solar Project will be submitted into the Independent Electricity System Operator (IESO)/Ontario Power Authority (OPA) Large Renewable Procurement (LRP) I request for proposal process. The IESO/OPA is expected to award contracts to successful projects at the end of 2015.

Potential Environmental Effects

We are committed to studying and mitigating potential environmental effects of constructing, operating and decommissioning a solar facility. We welcome any comments, questions or concerns regarding potential environmental effects. As part of our environmental commitment, the following studies will be completed:

Cultural Heritage and Archeological Assessments:

There are no known heritage or archaeological resources on the Project Site, but a cultural heritage and archaeological assessment will be carried out in accordance with the Ontario Heritage Act.

Natural Heritage Assessment:

There are no areas of natural and scientific interest, provincial parks or conservation areas located within 50 metres of the project location. If our studies confirm any natural features within 120 metres of the project location an Environmental Impact Study may be required.

Water Body Assessment:

We will identify potential surface water features and assess any negative environmental effects of the project on the water body.

Screening of Potential Environmental Effects:

We will study potential environmental effects, including air, odour and dust emissions, noise emissions; sewage and stormwater management concerns; local interests, land use, resources and infrastructure; public health and safety; wetlands and woodlands; and water bodies.

We Want To Hear From You!

We are committed to Aboriginal and public consultation throughout the Renewable Energy Approvals process. We would be pleased to receive any comments, concerns or questions.

Contact

Svetlana Helc

Corporate Business
Development

Phone: (416) 592-6658

Ray Davies

Corporate Business
Development

Phone: (416) 592-1743

Gillian MacLeod

Senior Environmental
Advisor

Phone: (416) 592-3481

Email: info@nanticokesolar.com

Website: www.nanticokesolar.com

Who is SunEdison?

SunEdison is dedicated to transforming the way energy is generated, distributed, and owned around the globe. We manufacture solar technology and develop, finance, install, own and operate solar and wind energy power plants. SunEdison is one of the world's largest renewable energy asset managers and provides asset management, operations and maintenance, monitoring and reporting services for its renewable energy customers around the world.



SunEdison is the World's Largest Renewable Energy Developer

- Formed in 1959
- Listed on NYSE (SUNE), Member of Fortune 1000
- 5,600+ employees in 35 global locations
- Manufacturing plants on 3 continents
- Over 5 GW of wind and solar interconnected

Innovation and Technology Leader

- Over 750 patents awarded
- Leading the next generation of solar panel performance and cost reduction with the world's lowest cost silicon via HP-FBR technology and the world's most efficient n-type silicon via proprietary CCZ technology

Leader in Utility Scale Power Plants

Wind. Solar. A complete clean energy platform. SunEdison works with the world's leading utilities to help them meet their clean generation needs.

Global and Financial Leader

- Over \$5.6 Billion in structured solar financing
- Original inventor of the Power Purchase Agreement (PPA)
- Leading finance partners

SunEdison in the Community Engagement:

Committed to open and honest communications with stakeholders.

Committed to working closely with local Municipalities and First Nation and Métis Communities.

Rural Electrification: Publicly committed to electrifying 20 million people by 2020.

Gender Diversity: Committed to attracting top women executives, providing career growth opportunities, mentorship, and ensuring family friendly office policies.



Proven Canadian Experience & Success

- Canada's 1st fully operational utility scale solar plant (9.2MW)
- Ontario's 1st large-scale FIT project (10MW)
- Over 250MW of operating solar power plants

Long-Term Commitment & Green Job Creation

- 50+ Direct Ontario employees
- Employing 100's of local Ontarians through subcontractors

Strong Community Involvement

- Work with local communities to ensure successful outcomes for all stakeholders
- Organize solar farm school tours and information events
- Leadership at CanSIA, IESO, ELSE and more.

Recent Media Coverage:

- [Globe and Mail:
http://www.theglobeandmail.com/report-on-business/solar-power-surging-to-forefront-of-canadian-energy/article19786759/](http://www.theglobeandmail.com/report-on-business/solar-power-surging-to-forefront-of-canadian-energy/article19786759/)



SunEdison Canada
First Light Solar Energy Park



Napanee, ON
School tour of solar plant



SunEdison Canada
CanFirst Capital Management
Richmond Hill, ON – 244kW DC

Appendix B-3: Public Meeting #2 (Final Public Meeting)



Welcome to the

Nanticoke Solar Project

Final Public Meeting





Purpose and Objectives

Welcome to the final Public Meeting for the Nanticoke Solar Project's Renewable Energy Approval process.

- The purpose of this Public Meeting is to:
 - Understand how solar photovoltaic (PV) systems work;
 - Obtain an overview of the Renewable Energy Approval (REA) process;
 - Understand the proposed project;
 - Obtain an overview and summary of the studies which have been undertaken and the major findings; and,
 - Provide comments, questions, and concerns about the proposed project and draft project reports.

There are representatives from Nanticoke Solar LP and Arcadis (project consultants) available to discuss the project here today with you.

Please ask questions and provide us with comments. We also encourage you to complete a comment sheet before leaving.

Please Sign In

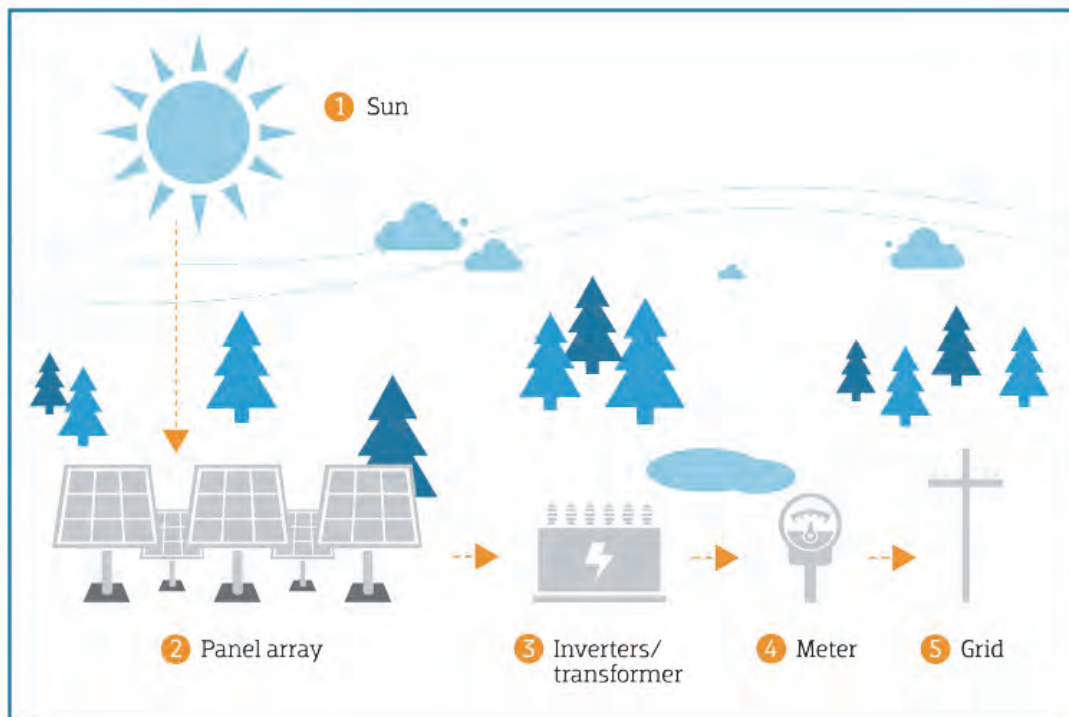




Background

- The IESO awarded a Large Renewable Procurement (LRP I) Contract to Nanticoke Solar LP to develop and operate a **44 MW ground-mounted solar (MOECC Class 3)** project consisting of the installation of solar photovoltaic (PV) panels on 4 parcels of land.
 - Nanticoke Solar LP and IESO executed a 20-year contract.
 - The Milestone Commercial Operation Date (MCOB) is **March 2019**.
 - **As such, the Project needs to complete the Renewable Energy Approval (REA) process and receive a REA from the Ontario Ministry of the Environment and Climate Change.**
- Nanticoke Solar LP, is a partnership between:
 - Ontario Power Generation Inc.
 - Six Nations Development Corporation
- Public consultation is an integral part of the REA process.
- This is the final public meeting/open house that will be held during the REA process to present project information, updates, and findings.
- We encourage feedback and comments as these provide input to assist the project team in making decisions throughout the REA process.

How Does Solar Power Work?



- **Photovoltaic (or PV)** systems use cells to convert solar radiation into electricity. The cell consists of one or two layers of a semi-conducting material (such as silicon). When light shines on the cell it creates an electric field across the layers, causing electricity to flow.
- PV systems produce **direct current (DC)** electricity, which must be 'inverted' to **alternating current (AC)** and stepped-up before it can be delivered to the electricity grid.
- A PV system does not need bright sunlight in order to operate, it can generate electricity even on cloudy days, and performs even better at low temperatures.
 - The technology is well-suited to Ontario's climate.
- Major Equipment for the Nanticoke Solar Project Includes:
 - Solar Photovoltaic (PV) Panels
 - Fixed Racking Systems, or tracker
 - Piles (helical or driven)
 - Electrical Inverters
 - Cabling
 - Transformer Station
 - Other Related Electrical Equipment



Key Project Milestones and Schedule





Renewable Energy Approval (REA) Tasks

- The REA provides a standardized approvals regime for proposed renewable energy projects as outlined in the **Technical Guide to Renewable Energy Approvals (REA)** under *O.Reg. 359/09*
- The Nanticoke Solar REA submission to the MOECC is scheduled for Q1 2017.
- Activities going forward include:
 - Draft REA Reports currently available for review by public
 - Consultation (Aboriginal, Public, Municipal, and Agencies) - ongoing
 - Final Public Information Session: February 2nd, 2017

REA Task	Date
Public Meeting #1	June 3, 2015
Public, Municipal and Aboriginal Consultation	Ongoing
LRP I Contract Awarded	March 2016
Environmental and Technical Studies	Fall 2015 to Fall 2016
Develop and Publish Draft REA Reports	November 2016
Public Meeting #2	February 2, 2017
Finalize REA Reports & Design, Submit REA to MOECC	February 2017
MOECC Review	6 months
REA Approval and Potential Construction Start	November 2017



REA Report Information

- The REA Process requires the following main reports to be generated:
 - Project Description Report
 - Construction Plan Report
 - Design and Operations Report
 - Decommissioning Plan Report

- These reports generally:
 - Describe the Project and all of its associated activities
 - Describe how potential environmental effects are mitigated and monitored.

- The 4 main reports are supplemented by a wide variety of other more detailed technical studies and reports:
 - Stormwater
 - Natural Heritage
 - Water Body Assessment
 - Noise
 - Archaeology
 - Cultural Heritage



- All reports have been made available to municipalities, Aboriginal communities, and the public for viewing in November 2016.

- All reports are available on the Project website:
www.nanticokesolar.com/rea-documents/



Project Location



Site Location		Figure 1	
OPG REA Application - Nanticoke Solar			
First Base Solutions Web Mapping Service 2010			
UTM Zone 17 N, NAD 83			
0 205 410 820 Metres		1:20,000	
		Project 2140360 October 2016 DRAFT	



Natural Heritage Studies

- A records review of existing natural heritage information and documents was conducted.
- A preliminary site assessment was completed to screen for woodlands, wetlands, watercourses, wildlife habitat, and other natural heritage features.
- A site plan was developed once setbacks for natural features were established.
- The primary source of mitigation is avoidance of natural features.
- The Project Location was developed around natural features – This minimized negative effects to the natural features.
- The MNRF and Long Point Conservation Authority (LPRCA) were consulted for natural heritage file data.



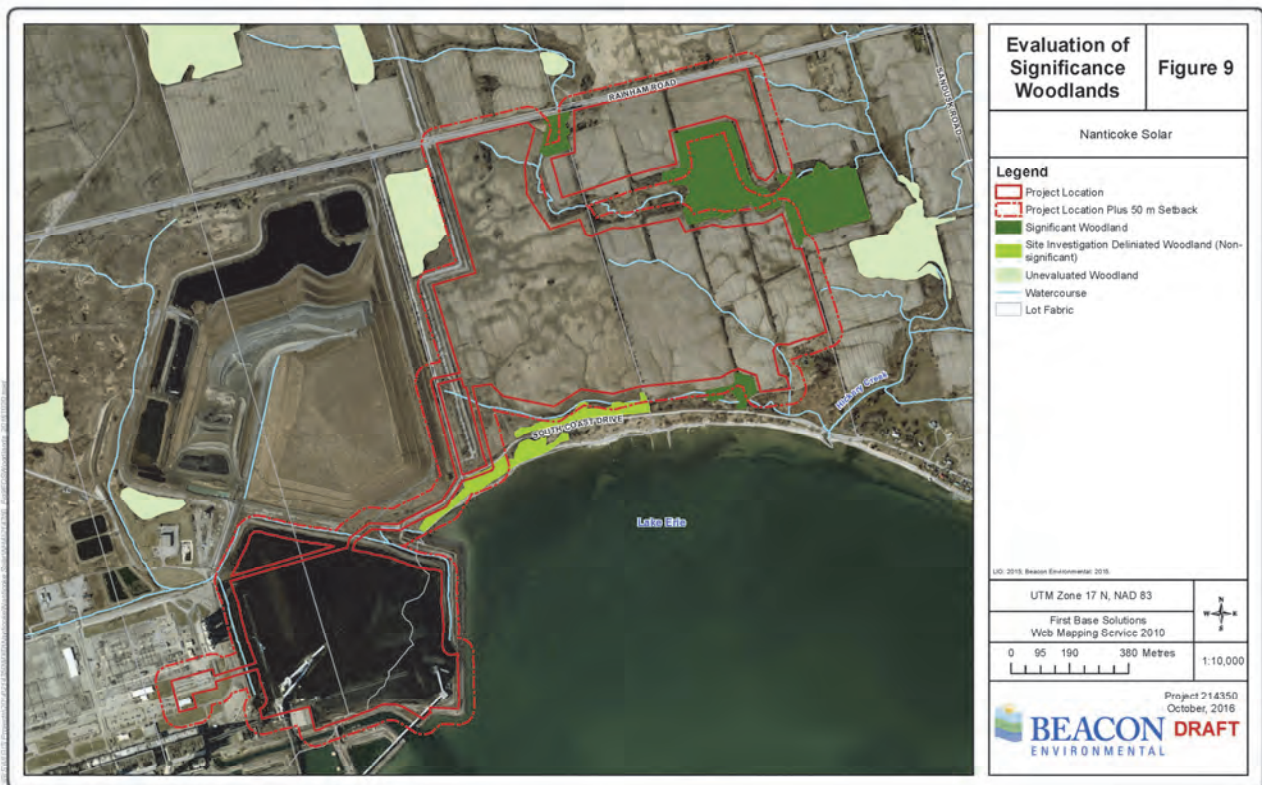
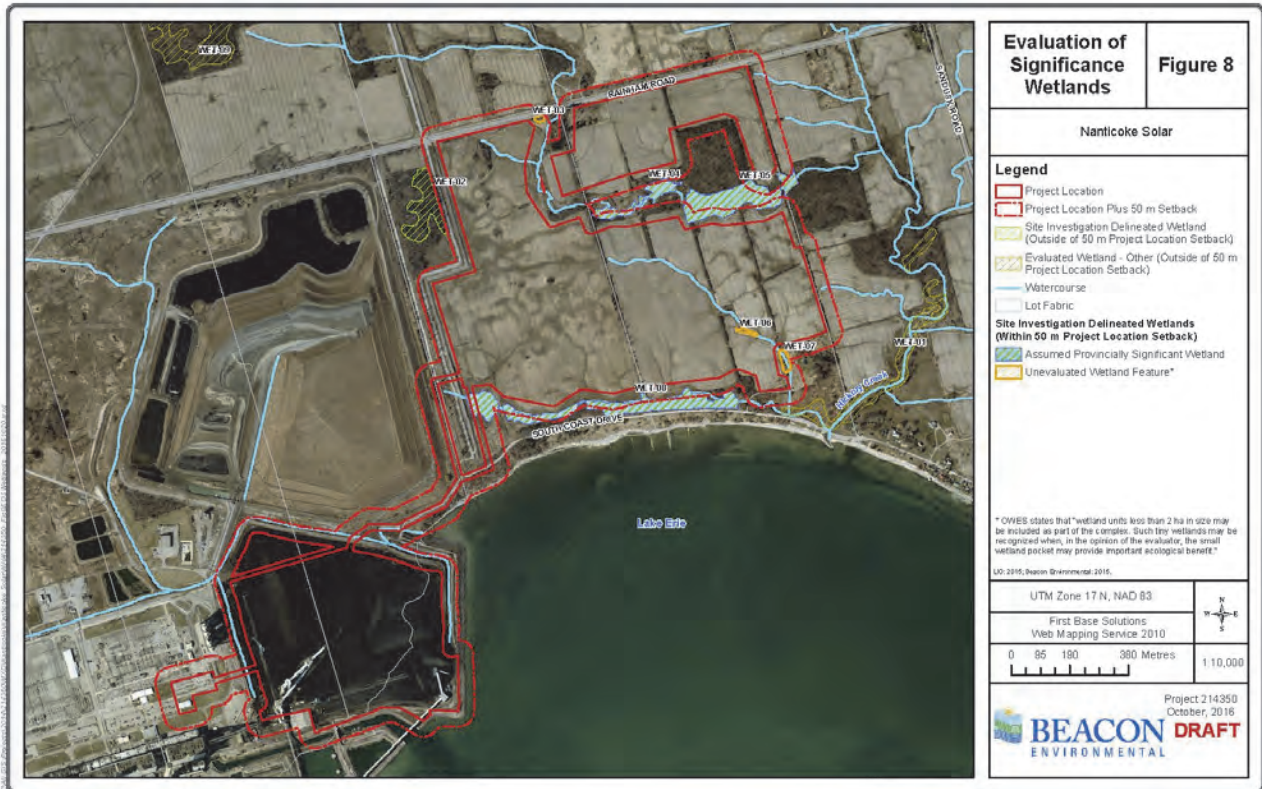
Seasonal field investigations completed to confirm the presences of natural heritage features identified during the Records Review include:

- Winter Wildlife
- Breeding Amphibian Surveys
- Breeding Bird Surveys
- Ecological Land Classification, Vegetation Inventory & Wetland Delineation / Evaluation
- Woodland Evaluation
- Aquatic Habitat Assessment
- Fish Community Sampling
- Feature Staking



Natural Heritage & Water Bodies

Key Site Features and Setbacks





Natural Heritage Results

Terrestrial

- Five woodlands have been identified within the Study Area and they will all be retained
- Two are considered significant woodlands under REA
- Woodland boundaries are being adjusted based on recent stakings plus buffer
- Planted prairie area includes planted rare species and habitat for endangered species

Watercourses

- Permanent tributary to Hickory Creek
 - Waterbody under REA
 - Protected with buffer
- Several ephemeral drainage features and swales
 - Do not meet the definition of a Waterbody under REA

Wetlands

- Wetland habitats that were identified within the Study Area included:
 - Meadow Marsh;
 - Thicket Swamp; and,
 - Deciduous Swamp
- Wetland boundaries are being adjusted based on stakings
- Most are within other features and will be retained with required buffers

Fisheries

- Hickory Creek tributary provides direct, permanent fish habitat
- Four fish species identified
 - Creek Chub
 - Blacknose Dace
 - White Sucker
 - Banded Killifish
- No Species At Risk (SAR) fish





Natural Heritage Results

Candidate Significant Wildlife Habitat

- Planted Prairie
- Species of Special Concern associated with the planted prairie (Nodding Wild Onion, Pale-Purple Coneflower, Prairie Dock and Tall Coreopsis; Significant Wildlife Habitat)

Generalized Candidate Significant Wildlife Habitat

- Bat Maternity Colonies. Could be present within areas being protected – woodland
- Habitat for Special Concern and Rare Wildlife Species:
 - Woodland Plants (Halberd-leaved Smartweed, Hirsute Sedge, and Weak Stellate Sedge);
 - Bird Species of Special Concern (Eastern Wood-Pewee, Peregrine Falcon and Redheaded Woodpecker);
 - Reptiles and Amphibians of Special Concern (Eastern Ribbonsnake, Jefferson/ Blue-Spotted Salamander Complex and Snapping Turtle); and,
 - Woodland Vole.

Endangered Species Act (ESA)

- Bobolink (Threatened) – breeding within planted prairie area/ Cultural Meadow, subject to compensation under ESA
- Bobolink compensation habitat replacement land secured in Sarnia in accordance with the Regulation
- A notice of approval filed and approved by MNRF under O.Reg 242/08 to address the loss of Bobolink habitat
- Removal of the habitat occurred in Fall 2016, outside of the breeding bird season



Bobolink



Natural Heritage Assessment & Environmental Impact Study: Conclusions

- Results of Records Review, Site Investigation and Evaluation of Significance as well as the Environmental Impact Study (EIS) detail potential negative effects and appropriate mitigation measures for avoiding negative effects.
- An EIS report was completed to mitigate potential negative environmental effects to the following significant natural features located in and within 50 m of the Project Location:
 - Three wetlands (WET-04, 05, and 08);
 - Two woodlands (WOD-03, and 04);
 - Planted Tallgrass Prairie;
 - Planted Species of Special Concern (Nodding Wild Onion, Pale-Purple Coneflower, Prairie Dock and Tall Coreopsis), which are all associated with the Planted Prairie Feature; and,
 - Generalized Candidate Significant Wildlife including:
 - ▶ Bat Maternity Colonies;
 - ▶ Species of Special Concern – Woodland Plants (Harlberd-leaved Smartweed, Hirsute Sedge and Weak Stellate Sedge);
 - ▶ Bird Species of Special Concern (Eastern Wood-Pewee, Peregrine Falcon and Redheaded Woodpecker);
 - ▶ Reptiles and Amphibians of Special Concern (Eastern Ribbonsnake, Jefferson / Blue-Spotted Salamander Complex and Snapping Turtle); and,
 - ▶ Woodland Vole.
- Mitigation measures identified within the EIS will be reviewed and appropriately implemented to reduce or eliminate the potential for negative effects to wetlands, woodlands, and Generalized Candidate Significant Wildlife Habitat.

Woodland Vole





Water Body Assessment: Conclusions


- There are no aquatic environmental constraints to the project associated with the nearshore or shoreline of Lake Erie within 120 m of the site.
- Standard mitigation measures will be reviewed and appropriately implemented to reduce or eliminate the potential for negative effects to watercourses and waterbodies.
- All mitigation measures will be included in the Environmental Management Plan for the site.





Archaeology & Cultural Heritage: Conclusions

- **Nanticoke Solar Stages of Archaeological Assessment:**
 - The completed Stage 2 archaeological assessment resulted in the recovery of 827 individual artifacts from a total of 60 Archaeological Locations.
 - The 60 Archaeological Locations consisted of a mixture of Isolated Findspots, Informal Archaeological Sites and Archaeological Sites.
 - The Study Area has produced archaeological evidence dating from the Paleo-Indian Period (10,700 BP) up until the 19th century.
 - A total of 7 Archaeological Locations will require further investigations via Stage 3 Archaeological Assessment.
- It is expected that Stage 4 Archaeological Mitigation will be required for some of the archaeological sites subject to Stage 3 assessment.
- Draft **Archaeological Assessment Report** has been submitted to the Ministry of Tourism, Culture, and Sport (MTCS) for review, and is currently being reviewed.

- 
- Draft **Cultural Heritage Assessment Report** was completed and submitted to the MTCS, and is currently being reviewed.
 - The East, Central, and West Parcels **do not have local or provincial cultural heritage value or interest.**
 - No Protected Properties were identified on or adjacent to the Project Location.
 - Lot 7, Concession 1 is designated as a National Historic Site of Canada, for the historical event and the location of the Battle of Nanticoke.
 - Potential cultural heritage resources were evaluated against Ontario Regulation 9/06 *Criteria for Determining Cultural Heritage Value or Interest under the Ontario Heritage Act.*
 - One potential cultural heritage resource was identified adjacent to the Project Location. This property is not designated under the *Ontario Heritage Act* or included as a non-designated property on the Municipal Heritage Register.
 - A portion of the Proposed Project is located on the Nanticoke Generating Station lands (coal yard) which has been identified as having local cultural heritage value or interest.
 - No negative impacts have been identified on any cultural heritage resources or heritage attributes.

- Proposed Conceptual Storm Water Management (CSWM) plan will utilize existing stormwater drainage patterns to minimize downstream impacts.
- Since solar panels do not increase impervious area of the land surface, minimal changes to the quantity and quality of the stormwater runoff anticipated.
- Impervious areas for the proposed development (i.e. gravel access roads) account for less than 1.5% of project area.

Former Coal Pile CSWM Plan

- Will utilize existing stormwater management (SWM) system consisting of catch basins, culverts, ditches and lagoons.
- No anticipated increase in stormwater runoff expected.

East, West and Central Parcel Lands CSWM Plan

- Existing drainage patterns, grades, final discharge points will be maintained, where possible.
- Minor alterations to site grading can be implemented to mitigate flooding.
- Development area will be covered with grass to promote treatment and infiltration.
- Minimal changes in stormwater runoff expected.

Stormwater

Pre-Construction



LEGEND:

- Project Location / Site Boundary
- Watercourse
- Flow Direction
- ID Area Sub-Basin ID and Area
- Sub-Basin Delineation
- ★ Outlet

SCALE:

REFERENCE: 1. Produced by ARCADIS under license from Ontario Ministry of Natural Resources, Copyright (c) Queens Printer 2015.
2. Spatial referencing UTM NAD 83

NANTICOKE SOLAR LP
NANTICOKE SOLAR PROJECT
 NANTICOKE, ONTARIO
Pre-Development Sub-Basins and Drainage Patterns

CREATED BY: NS	CHECKED BY:	FIGURE NO: 1
DATE: 27 Oct 2016	PROJECT NO: 201601	

Post-Construction



LEGEND:

- Project Location / Site Boundary
- Watercourse
- Flow Direction
- ID Area Sub-Basin ID and Area
- Sub-Basin Delineation
- ★ Outlet

SCALE:

REFERENCE: 1. Produced by ARCADIS under license from Ontario Ministry of Natural Resources, Copyright (c) Queens Printer 2015.
2. Spatial referencing UTM NAD 83

NANTICOKE SOLAR LP
NANTICOKE SOLAR PROJECT
 NANTICOKE, ONTARIO
Proposed Post-Development Sub-Basins and Drainage Patterns For East, West and Central Parcel Lands

CREATED BY: NS	CHECKED BY: ZK	FIGURE NO: 2
DATE: 27 Oct 2016	PROJECT NO: 201601	

Stormwater: Preliminary Erosion and Sediment Control Plan

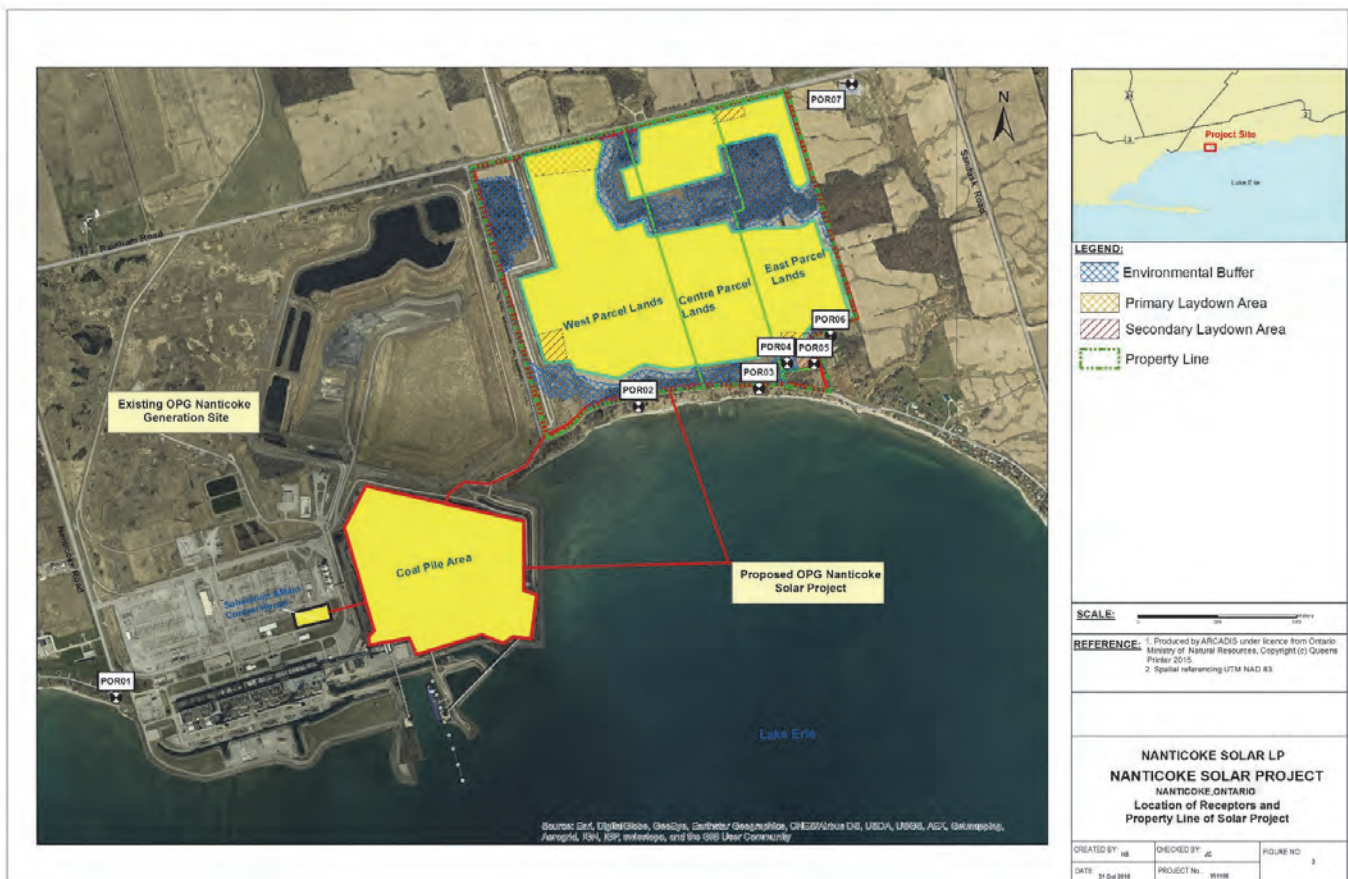


Erosion and Sediment Control

- Temporary erosion and sediment (E&S) control measures will be implemented during the construction phase.
 - Installation of mud mats at construction entrances.
 - Installation of silt fencing.
 - Other erosion and sediment control measures will be added as required.
- Once construction phase is completed and the vegetation has grown within the proposed development area, the temporary measures will be removed and vegetation will provide long-term E&S control.

Noise

- Transformers and inverters emit low levels of noise when in operation. This study evaluated the predicted levels of noise emitted from these components and the potential effects, if any, on neighbouring points of reception.
 - 7 points of reception (PORs) were identified as being representative of the most sensitive PORs within 1 km distance from the site. Vacant lots were also included as PORs.
- Ambient noise levels near the PORs are Class 3 (rural area) in accordance with MOECC's Noise Pollution Control (NPC) publication NPC-300.
- For the acoustic assessment, PORs with the predictable worst-case noise impacts were considered.
- Applicable sound level limit at the receptor: 40 dBA during the nighttime period from 7 PM to 7 AM (outlined in *Technical Guide to Renewable Energy Approvals* by MOECC).
- Conclusion:** Acoustic modelling has determined that:
 - All scenarios modelled will comply with MOECC NPC-300 and the Haldimand County Noise Control By-Law 1098/10.*





Noise Level Scale (dBA)

LOUDNESS COMPARISON CHART (dBA)

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
Jet Fly-over at 1000 ft	110	Rock Band
Gas Lawn Mower at 3 ft	100	
	90	Food Blender at 3 ft
Diesel Truck at 50 ft at 50 mph	80	Garbage Disposal at 3 ft
Noisy Urban Area, Daytime		Vacuum Cleaner at 10 ft
Gas Lawn Mower at 100 ft	70	Normal Speech at 3 ft
Commercial Area		
Heavy Traffic at 300 ft	60	Large Business Office
Quiet Urban, Daytime	50	Dishwasher Next Room
Quiet Urban, Nighttime		
Quiet Suburban, Nighttime	40	Babbling Brook, Refrigerator Hum
		Library
Quiet Rural, Nighttime	30	Bedroom at Night, Concert Hall (Background)
	20	Broadcast/Recording Studio
	10	
Lowest Threshold of Human Hearing	0	Lowest Threshold of Human Hearing

An increase of 3 dBA is barely perceptible to the human ear.

Noise: Option 1 – Case 1 and 2



LEGEND:

- ✚ Noise Sources
- ⊙ Noise Receptors
- ZONE A
- ZONE B
- ZONE C
- Property Line

Sound Level (dBA)

- 40 dBA
- 45 dBA
- 50 dBA
- 55 dBA
- 60 dBA
- 65 dBA
- 70 dBA

SCALE:

REFERENCE:

1. Produced by ARCADIS under licence from Ontario Ministry of Natural Resources. Copyright (c) Queens Printer 2015.
2. Spatial referencing UTM NAD 83

**NANTICOKE SOLAR LP
NANTICOKE SOLAR PROJECT
NANTICOKE, ONTARIO**

Contour Plot of Nighttime Operation at 1.5m high (Option 1 - Case 1)

CREATED BY: RB CHECKED BY: JC FIGURE NO: 14
DATE: 11 Nov 2015 PROJECT NO: 30186



LEGEND:

- ✚ Noise Sources
- ⊙ Noise Receptors
- ZONE A
- ZONE B
- ZONE C
- Property Line

Sound Level (dBA)

- 40 dBA
- 45 dBA
- 50 dBA
- 55 dBA
- 60 dBA
- 65 dBA
- 70 dBA

SCALE:

REFERENCE:

1. Produced by ARCADIS under licence from Ontario Ministry of Natural Resources. Copyright (c) Queens Printer 2015.
2. Spatial referencing UTM NAD 83

**NANTICOKE SOLAR LP
NANTICOKE SOLAR PROJECT
NANTICOKE, ONTARIO**

Contour Plot of Nighttime Operation at 1.5m high (Option 1 - Case 2)

CREATED BY: RB CHECKED BY: JC FIGURE NO: 14
DATE: 11 Nov 2015 PROJECT NO: 30186

Noise: Option 1 – Case 3 and 4





Construction and Decommissioning

Construction

- Solar sites will be managed during construction to ensure:
 - Proper stormwater management
 - Prevent erosion and sediment movement
 - Traffic management
 - Compliance with noise limits

Roads

- We are currently working with the municipality on a road use plan.
- Municipal and provincial roads will be used for transportation of equipment.
- Any road damage will be repaired.
- Equipment will be delivered by truck as needed throughout the construction phase and stored at temporary storage areas on site.

Dust

- Dust will be managed by enforcing speed limits within the site during construction and the use of water to suppress dust, if required.
- During operations, grass will be used to aid in dust suppression.

Decommissioning

- The Project is expected to be operational for 20+ years.
- It may be determined that the project is still viable and equipment may be refurbished or replaced.

Equipment Dismantling and Removal

- In the case of the West, Centre and East Parcels, if desired by the property owners, the lands will be restored to their pre- construction state (agricultural land use for the West and East Parcels, and fallow for the Centre parcel, or as may be appropriate at that time). In the case of the Coal Yard, the land will not be returned to its former use as a coal pile.

Land Restoration

- In the case of the West, Centre and East Parcels, once the equipment has been removed, the land will be restored to its previous uses.
- This will be accomplished by removing part of the foundation and granular material from roadways and culverts (if installed).
- Land use will be restored (if necessary) using subsoils and topsoil. If there is insufficient material onsite, topsoil and/or subsoil will be imported from a source acceptable to the landowner.



General Conclusions

- Proposed project is located on lands that are suitable for solar development
- Key environmental features and functions of existing lands will be protected
- Compensation habitat secured to replace Bobolink habitat
- Good use of the former Nanticoke GS property for both construction and operations
- Potentially some construction stage environmental effects – but are manageable
- Mitigation measures identified within EIS will be reviewed and appropriately implemented to reduce or eliminate the potential for negative effects to wetlands, woodlands, and Generalized Candidate Significant Wildlife Habitat
- Standard mitigation measures will be reviewed and appropriately implemented to reduce or eliminate the potential for negative effects to watercourses and waterbodies
- None to minimal stormwater runoff is expected and erosion and sediment control measures will be put in place
- Noise levels will comply with MOECC noise requirements





Next Steps

After this Public Meeting, the following will take place:

1. All comments received will be incorporated into the Consultation Report.
2. A Renewable Energy Approval application will be submitted to the MOECC in February 2017.
3. Complete engineering design and layout.
4. Start construction (if the REA is granted).

Thank you for attending!

Please feel free to ask any questions and fill out a comment sheet before you leave.

Planned submission of REA reports is mid-February 2017.

All comments received today will be reflected in the Final Consultation Report.

The project team will continue to answer questions on an ongoing basis.



Project information is available at www.nanticokesolar.com

Project E-mail: info@nanticokesolar.com

Proposed Nanticoke Solar Project – Final Public Community Meeting

February 2, 2017

3:30 p.m. to 8:00 p.m.

Nanticoke Community Hall, Nanticoke

Comment Sheet

Please take a few minutes to complete this questionnaire and leave it in the “comments” box or with a project representative. We are interested in hearing your comments and questions regarding the proposed Nanticoke Solar Project.

1. What aspects of the local environment and your community are most important to you?

2. Do you have concerns about the proposed solar project?

3. Do you have concerns about the construction of the proposed solar project?

4. Do you have concerns about the operation of the proposed solar project?

5. Do you have any other comments you would like to share with members of the Project Team at this time?

Please submit your comments by the end of the public meeting, today, to allow us to include them in the final reports that will be submitted to the MOECC in February. Nanticoke Solar will still be open to receiving comments after this time and will respond accordingly.

If you would like us to provide follow-up information or address questions, please leave your name and address below. ***Please print clearly.***

Name _____ Phone number _____

E-mail Address _____

Street address _____

City _____ Postal code _____

Please leave your completed form in the “comments” box or with a project representative.





NANTICOKE SOLAR

FACT SHEET

Nanticoke Solar Background Information

Capacity	44 Megawatt ac
Typical Annual Energy Production	73 thousand megawatt-hours
Solar Panels	175,00 to 210,000 panels
Electrical Connection	230kV Transmission System
Start Construction	Q4 2017
Complete Construction	Q4 2018
Delivery Trucks	On average approximately 10 per day
Peak Trades	Approximately 170
Project Completion	March 2019

Reports

Project Description	Storm Water Management
Construction Plan Report	Natural Heritage
Design and Operations Report	Water Body Assessment
Decommissioning Report	Archaeology/Cultural Heritage
Noise	Traffic

Field Investigations

Winter Wildlife	Woodland Evaluation
Breeding Amphibian Survey	Aquatic Habitat Assessment
Breeding Bird Survey	Fish Community Sampling
Ecological Land Classification, Vegetation Inventory and Wetland Delineation/Evaluation	Feature staking

RESULTS

Terrestrial: 5 woodlands in study area – will be retained

Wetlands: Wetland habitats identified and will be buffered:

- Meadow Marsh
- Thicket Swamp
- Deciduous Swamp

Watercourses: Water body under REA; protected with buffer) Permanent tributary to Hickory Creek;

Fisheries: Hickory Creek tributary provides direct permanent fish habitat; 4 fish species identified:

Creek Chub	White Sucker
Blacknose Dace	Banded Killifish

No Species at Risk (fish)

Candidate Significant Wildlife Habitat will be retained: Amphibian Breeding and movement corridors

Generalized Candidate Significant Wildlife Habitat ie Landbird Migratory Stopover Areas are within habitat being protected (woodland); Bat Maternity Colonies: Could be present within areas being protected – woodland; and Habitat for Special Concern and Rare **Wildlife Species:** Eastern Wood-Pewee (Special Concern) – breeding within woodland that is being retained and Wood Thrush (Special Concern) – breeding within woodland that is being retained

Endangered Species

- Bobolink (Threatened) –breeding within planted prairie area/ Cultural Meadow, Habitat
- subject to compensation under Endangered Species Act
- Compensation Plan accepted by MNRF; Notification Number issued;
- Compensation land secured in Ecozone 7E (Sarnia)

Archaeology: Stage 1 and 2 Archaeology Work completed, Ministry of Tourism, Culture and Sport has indicated that the Report is compliant with Ministry requirements for archaeological fieldwork and reporting and has been entered into the Ontario Public Register of Archaeological Reports

Built Heritage: Report submitted to the Ministry of Tourism, Culture and Sport. Review currently underway

OVERALL REA CONCLUSIONS

- Proposed project is located on lands that are suitable for solar development
- Key environmental features and functions of existing lands will be protected
- Compensation habitat being sought to replace Bobolink habitat.
- Good use of the former Nanticoke GS property for both construction and operations
- Potentially some construction stage environmental effects – but are manageable

Appendix B-4: Public Response Letters

July 28, 2015

Dear Mr. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation

Ontario Power Generation (OPG) recently hosted over 30 members of the community at the Nanticoke Solar Project public community meeting held on June 3. Thank you for submitting a comment sheet to us outlining your support for the Nanticoke Solar Project. Thank you for your positive comments and support.

Please find a copy of the *Nanticoke Solar Project Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,



Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:
Nanticoke Solar Project Public Community Meeting Summary Report

July 28, 2015

Dear Ms. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation

Ontario Power Generation (OPG) recently hosted over 30 members of the community at the Nanticoke Solar Project public community meeting held on June 3. Thank you for submitting a comment sheet to us.

With regard to your concern for loss of farmland due to development of the solar project, OPG is proposing a solar project on land it currently owns at the Nanticoke Generating Station (GS) site (including the former coal pile) and on adjacent land it plans to lease. The Nanticoke GS is located on land designated in the Official Plan as industrial. The leased land is designated as general industrial and mineral aggregate resource lands. The Provincial government through the Independent Electricity System Operator (IESO) is interested in procuring 140 MW of ground-mounted solar power, and OPG is one of 32 Qualified Proponents who are bidding for the opportunity presented by the IESO.

With respect to your comment that production of solar panels could be harmful to the environment, as a requirement of the Renewable Energy Approval (REA), we are currently undertaking environmental studies, which will document the effects of the project to the environment. Should we be awarded a Large Renewable Procurement I contract, results from these studies, including any effects to neighbours, local residents, and local agricultural lands will be posted to the Project website and communicated to the local community at a second public community meeting which will be scheduled in 2016.

Additionally, please find a copy of the *Nanticoke Solar Project Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,

A handwritten signature in blue ink that reads "Svetlana Helc". The signature is written in a cursive, flowing style.

Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:

Nanticoke Solar Project Public Community Meeting Summary Report

July 28, 2015

Dear Mr. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation

Ontario Power Generation (OPG) recently hosted over 30 members of the community at the Nanticoke Solar Project public community meeting held on June 3. Thank you for submitting a comment sheet to us.

With regard to your comment on dust due to construction activities migrating to your neighbouring solar project, as a requirement of the Renewable Energy Approval (REA) we are currently undertaking environmental studies which will document any anticipated effects. Should OPG be awarded a Large Renewable Procurement I contract, results from these studies, including any effects to neighbours, local residents, and the surrounding environment, as well as mitigation options, will be posted to the Project website and communicated to the local community at a second public community meeting which will be scheduled in 2016.

Concerning your comment pertaining to maintaining the access to your property through the lands owned by Imperial Oil Limited, the solar project should not affect the existing access route. A security fence will be erected on the perimeter of the solar project. This installation should not adversely affect the current access as it includes a setback from the east property line. OPG is currently in negotiations with Imperial Oil Limited on securing a lease to allow the solar project to be developed on their lands. Provided that a lease agreement is executed and we are awarded a contract for the solar project, we will work with you to minimize any effects on the route during construction and operation. More information on this will be communicated at the second public community meeting.

Additionally, please find a copy of the *Nanticoke Solar Project Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,

A handwritten signature in blue ink that reads "Svetlana Helc". The signature is written in a cursive, flowing style.

Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:
Nanticoke Solar Project Public Community Meeting Summary Report

July 28, 2015

Dear Mr. and Mrs. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation

Ontario Power Generation (OPG) recently hosted over 30 participants of the community at the Nanticoke Solar Project public community meeting held on June 3. As a result of that meeting, you submitted a comment sheet to us outlining your support for the Nanticoke Solar Project, and provided your comments. Thank you for your support.

In your comments, you indicated support to preserve local wildlife in the Project area and expressed concern about the effect of heavy equipment on roads during construction activities as well as the visible effect of a solar farm on the rural landscape. Should OPG be awarded a Large Renewable Procurement (LRP) I contract, we will be undertaking environmental studies that will review and mitigate concerns such as yours, as a requirement of the Renewable Energy Approval (REA). In the meantime, we are currently studying local wildlife to ensure effects to species and habitat are minimized. The study will also review the effects from construction on local roads and indicate mitigation. The results of all of these studies will be posted to the Project website and presented at the next public community meeting, which will be scheduled in 2016, should OPG be awarded a LRP I contract.

Additionally, please find a copy of the *Nanticoke Solar Project Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,

Svetlana Helc

Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:

Nanticoke Solar Project Public Community Meeting Summary Report

July 28, 2015

Dear Mr. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation

Ontario Power Generation (OPG) recently hosted over 30 members of the community at the Nanticoke Solar Project public community meeting held on June 3. Thank you for submitting a comment sheet to us.

Regarding your comment indicating the importance of the rehabilitation of the land when the Project is decommissioned, as part of the Renewable Energy Approval (REA), a decommissioning plan will be prepared and made available for public review prior to the second public community meeting. With respect to your comments on the management of surface water and stormwater on site, as well as concerns relating to construction effects such as dust, any potential for effects and mitigation will be studied. Should we be awarded a Large Renewable Procurement (LRP) I contract, results from these studies, including any effects to neighbours, local residents, and local agricultural lands, as well as mitigation options, will be posted to the Project website and communicated to the local community at a second public community meeting which will be scheduled in 2016.

Concerning your comment pertaining to maintaining access to the Oneida Baptist Camp through lands owned by Imperial Oil Limited, the solar project should not affect the current access route to the Camp. A security fence will be erected on the perimeter of the solar project. This installation should not adversely affect the current access as it includes a setback from the east property line. OPG is currently in negotiations with Imperial Oil Limited on securing a lease to allow the solar project to be developed on their lands. Provided that a lease agreement is executed and we are awarded a LRP I contract for the solar project, we will work with you to minimize any effects on the route during construction and operation. More information on this will be communicated at the second public community meeting.

Additionally, please find a copy of the *Nanticoke Solar Project Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,

A handwritten signature in blue ink that reads "Svetlana Helc". The signature is written in a cursive, flowing style.

Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:
Nanticoke Solar Project Public Community Meeting Summary Report

ONTARIO POWER GENERATION

700 University Avenue Toronto, Ontario M5G 1X6

July 28, 2015

Dear Ms. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation

Ontario Power Generation (OPG) recently hosted over 30 members of the community at the Nanticoke Solar Project public community meeting held on June 3. Thank you for submitting a comment sheet to us.

Thank you for your support of the environmental studies. Should OPG be awarded the Large Renewable Procurement I contract, results from environmental studies as required by the Renewable Energy Approval (REA), including any effects to neighbours, local residents, and the surrounding environment, as well as mitigation options, will be posted to the Project website and communicated to the local community at a second public community meeting which will be scheduled in 2016.

Additionally, please find a copy of the *Nanticoke Solar Project Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,



Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:
Nanticoke Solar Project Public Community Meeting Summary Report

ONTARIO POWER GENERATION

700 University Avenue Toronto, Ontario M5G 1X6

July 28, 2015

Dear Mr. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation

Ontario Power Generation (OPG) recently hosted over 30 members of the community at the Nanticoke Solar Project public community meeting held in Nanticoke on June 3. Thank you for submitting a comment sheet to us outlining your support for the Nanticoke Solar Project. We thank you for your support.

With respect to your comment regarding support for local contractors and to focus on hiring local labour, we have noted your comment. Should we be awarded a Large Renewable Procurement I contract, OPG will be hiring a consultant contractor. Once the contractor is selected, it will be the responsibility of the contractor to hire resources to complete the work. While it cannot be guaranteed, it is expected that workers may be hired from the local area.

Additionally, please find a copy of the *Nanticoke Solar Project Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,



Svetlana Helc, Project Manager, Corporate Business Development

Enclosure: Nanticoke Solar Project Public Community Meeting Summary Report

ONTARIO POWER GENERATION

700 University Avenue Toronto, Ontario M5G 1X6

July 28, 2015

Dear Mr. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation

Ontario Power Generation (OPG) recently hosted over 30 members of the community at the Nanticoke Solar Project public community meeting held on June 3. Thank you for submitting a comment sheet to us.

With respect to your concern regarding renewable energy projects increasing the cost of electricity in the province, we have noted your comments. If you are interested in electricity pricing and procurement, which is led by the Independent Electricity System Operator (IESO), please visit the IESO website at <http://www.ieso.ca>. The Provincial government, through IESO, is in the process of procuring 140 MW of solar power. Note that OPG is one of 32 Qualified Applicants for ground-mount solar projects. In addition, there are three other Qualified Applicants for rooftop solar projects. For further information on the Large Renewable Procurement (LRP) I process, please visit <http://www.powerauthority.on.ca/large-renewable-procurement>.

Should OPG be awarded a LRP I contract, results from environmental studies as required by the Renewable Energy Approval (REA), including any effects to neighbours, local residents, and the surrounding environment, as well as mitigation options, will be posted to the Project website and communicated to the local community at a second public community meeting which will be scheduled in 2016.

Additionally, please find a copy of the *Nanticoke Solar Project Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,

A handwritten signature in blue ink that reads "Svetlana Helc". The signature is written in a cursive style.

Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:
Nanticoke Solar Project Public Community Meeting Summary Report

700 University Avenue Toronto, Ontario M5G 1X6

September 18, 2015

Dear Ms. [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation and SunEdison

Ontario Power Generation (OPG) and SunEdison recently hosted a second public community meeting for the Nanticoke Solar Project on August 27, 2015. Thank you for submitting a comment sheet to us outlining your support for the Nanticoke Solar Project, and we acknowledge your positive comments.

Please find a copy of the *Nanticoke Solar Project Second Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for Project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,



Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:
Nanticoke Solar Project Second Public Community Meeting Summary Report

700 University Avenue Toronto, Ontario M5G 1X6

September 18, 2015

Dear [REDACTED],

Re: Proposed Nanticoke Solar Project – Ontario Power Generation and SunEdison

Ontario Power Generation (OPG) and SunEdison recently hosted a second public community meeting for the Nanticoke Solar Project on August 27, 2015. Thank you for submitting a comment sheet to us.

We have noted your comments pertaining to the nature of the Haldimand clay plain. As we have discussed in June, we are considering your questions with respect to the type of vegetative ground cover planned under the panels, the management of weeds, measures to be employed to limit fire hazards under the panels (particularly during extended dry periods), the potential for crop production under the panels, and the potential for grazing. We are investigating options for further studies should we be awarded a Large Renewable Procurement (LRP). Either Gillian or I will contact you about this.

With regard to your comments pertaining to the installation of berms and associated weed control, erosion prevention during exceptional rainfall events, and the anticipated impacts to ground water sources, we are currently undertaking environmental studies which will document any anticipated effects. Should we be awarded a LRP I contract, results from these studies, including any effects to neighbours, local residents, and the surrounding environment, as well as mitigation options, will be posted to the Project website and communicated to the local community at a public community meeting which will be scheduled in 2016.

Additionally, please find a copy of the *Nanticoke Solar Project Second Public Community Meeting Summary Report* enclosed, for your reference. An electronic version of this report as well as the display panels from the public community meeting are now posted on our Project website (www.NanticokeSolar.com). We invite stakeholders to continue to visit this website for Project updates.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@nanticokesolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,



Svetlana Helc, Project Manager, Corporate Business Development

Enclosure:

Nanticoke Solar Project Second Public Community Meeting Summary Report

CC: Gillian MacLeod, Senior Environmental Advisor

700 University Avenue Toronto, Ontario M5G 1X6

October 2, 2015



Dear Mr. [REDACTED],

Re: Proposed Solar Projects – Ontario Power Generation and SunEdison

In response to your letter, dated September 8, 2015 and received on September 30, 2015, thank you for your interest in our solar projects.

At this stage, we are just starting our consultation work and environmental impact review studies and processes for the projects. OPG and SunEdison have bid under the Independent Electricity System Operator (IESO) Large Renewable Procurement (LRP) process, which was submitted on September 1, 2015. Contracts will be awarded at the end of the year. If we are awarded a contract for our proposed projects, then they will proceed, further studies will be completed, and an application for a Renewable Energy Approval (REA) will be submitted to the Ministry of Environment and Climate Change.

This project is presently not in the construction phase, and will only proceed towards this should the bid be successful and all required approvals are obtained. We will keep your information on file should we be requiring your services at a later date.

If you have any further questions, please do not hesitate to contact us using the following contact information:

E-mail: info@lambtonsolar.com; info@nanticokesolar.com; info@lennoxsolar.com

Regular Mail: Svetlana Helc
Project Manager, Corporate Business Development
OPG 700 University Avenue H18 E22
Toronto, Ontario, M5G 1X6

OR

Gillian MacLeod
Senior Environmental Advisor
OPG 700 University Avenue H18 D16
Toronto, Ontario, M5G 1X6

Sincerely,



Svetlana Helc, Project Manager, Corporate Business Development

Appendix B-5: Other Public Consultation Materials

AGENDA

Nanticoke Community Liaison Panel Meeting

April 27, 2015

6:00 p.m. – 8:00 p.m.

Nanticoke GS

Third Floor Boardroom

Contact: Susan Thurston (519) 587-2201 ext 3919 cell (519) 718-0393

Committee Members:

Don Pearson	Peacock Point Association
Nova Evans	Nanticoke Village
Paul General	Six Nations EcoCentre
Peter Caylor	Hagersville & District Chamber of Commerce
Wade Dowling	Habitat Haldimand
Bill Lindsay	Haldimand Stewardship Council
Anne Smith	Jarvis Village
Nick Huitema	Ontario Federation of Agriculture
Yvonne DiPietro	Simcoe & District Chamber of Commerce
Dan Arthur Sr.	Hickory Beach Cottagers Association
Paul Zdunich	Hickory Beach Cottagers Association
Donna Gibbs-White	Member at Large
Wayne Nyomtato	Member at Large
Ron Young	Ontario Federation of Agriculture
John Regan	Haldimand County

Ontario Power Generation

Jeff Hansen	Plant Manager, Nanticoke GS
Svetlana Helc	Project Manager Business Development, OPG
Gillian Macleod	Sr Environment Advisor, OPG
Susan Thurston	Corporate Relations & Communications, Nanticoke GS
Deanna Dedrick	Administrative Assistant, Nanticoke GS

6:00 p.m. – 6:15 p.m.	Welcome and Dinner	Susan Thurston
6:15 p.m. – 6:30 p.m.	Agenda and Minutes Review of Agenda and Sept 22, 2014 Draft Minutes Action Items: No action items	Susan Thurston
6:30 p.m. – 6:45 p.m.	Update on Nanticoke and OPG	Jeff Hansen
6:45 p.m. – 7:45 p.m.	Corporate Business Development	Svetlana Helc Gillan MacLeod
7:45 p.m. – 8:00 p.m.	Nanticoke Wrap Up	Susan Thurston

COMMUNITY ENGAGEMENT PLAN FOR THE NANTICOKE SOLAR PROJECT

Submitted to:
Ontario Power Generation Inc.
700 University Avenue
Toronto, Ontario
M5G 1X6

Prepared by:

**SENES Consultants,
now ARCADIS Canada Inc.**
121 Granton Drive, Suite 12
Richmond Hill, Ontario
L4B 3N4

April 2015

TABLE OF CONTENTS

	<u>Page No.</u>
1.0 INTRODUCTION	1
2.0 OVERVIEW OF PROJECT.....	2
3.0 OVERVIEW OF LRP AND REA PROCESS	2
4.0 COMMUNITY ENGAGEMENT APPROACH AND GUIDE REQUIREMENTS	1
5.0 PRELIMINARY LIST OF KEY STAKEHOLDERS.....	2
6.0 COMMUNITY ENGAGEMENT PLAN.....	4
7.0 REPORTING	5

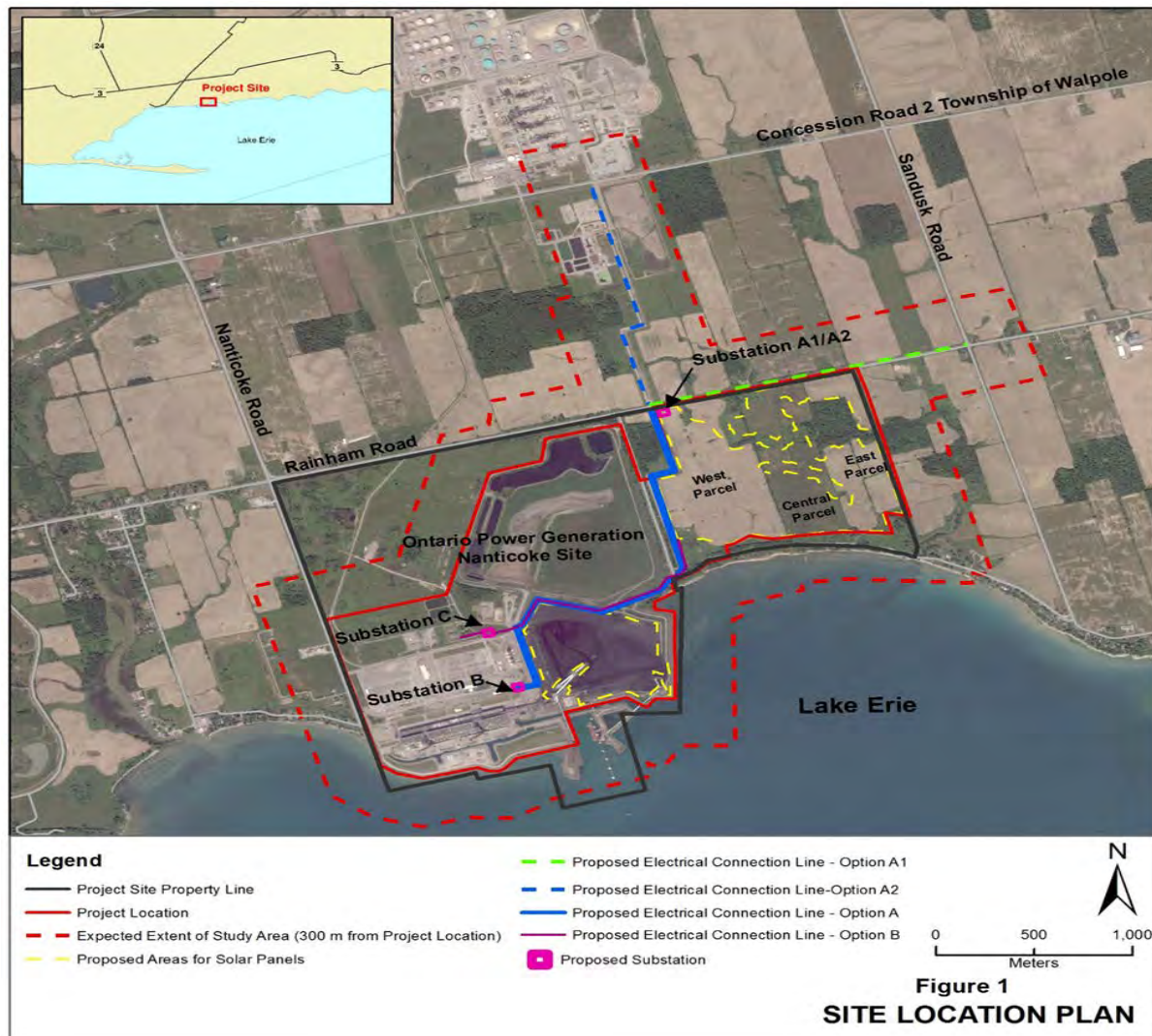
LIST OF FIGURES

	<u>Page No.</u>
Figure 1 Site Location Plan	1
Figure 2 REA Process and Consultation Requirements.....	3

1.0 INTRODUCTION

Ontario Power Generation Inc. (“OPG”) or an associated Special Purpose Entity (referred to as OPG or the “Proponent”) is proposing to design, build and operate up to a 50 MW (megawatts of alternating current) Solar Energy Project (the “Project”) at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County, Ontario (see Figure 1 – Site Location Plan). This Project will be submitted into the Independent Electricity System Operator’s (IESO) Large Renewable Procurement (LRP) I Request for Proposal (RFP), with IESO awarding contracts to successful projects in late 2015. The proposed Project is classified under the O.Reg. 359/09 Renewable Energy Approval (REA) process as a Class 3 Solar Facility and will generate up to 50 MW if successful in the IESO LRP I program. The objective of the community engagement activities for the Nanticoke Solar Project is to provide stakeholders with an opportunity to have meaningful input on the Project and to allow OPG to address public concerns where possible and feasible. A separate Aboriginal Consultation Plan has been prepared to address consultation with Aboriginal Communities/Peoples.

Figure 1 Site Location Plan



2.0 OVERVIEW OF PROJECT

As noted above, the Project involves the design, construction and operation of up to a 50 MW Solar Energy Project at the existing OPG Nanticoke GS site. The Nanticoke GS is located on major industrial zoned land located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Solar panels are being considered for four land parcels. One land parcel is located on the former coal pile. There are also three land parcels located immediately east of the Nanticoke GS site, West, Central, and East Parcels. All land parcels represent the Project Site (the "Site"). Within the Project Site the "Project Location" represents the physical footprint of the Project, including the proposed facility components and temporary areas used during construction. The Project Location may be refined and narrowed down as the detailed design evolves.

The Project Location will be used to install and accommodate all components of the proposed Project, including all temporary areas that will be used throughout the life of the Project (i.e. construction, operation and decommissioning), including construction laydown areas and access roads. All Project activities will be conducted on the land owned or leased by OPG, or within the adjacent municipal right-of-way (for electrical interconnection to provincial grid). The exact limits of the Project Location have yet to be determined, and will be refined and narrowed depending on the point of interconnection to the provincial grid, which will be established during discussions with Hydro One and the IESO.

Additional information about the Project and the anticipated environmental effects can be found in the Draft Project Description Report available on the website at www.nanticokesolar.com or upon request.

3.0 OVERVIEW OF LRP AND REA PROCESS

The OPG Nanticoke Solar Project is subject to the REA process and is being bid under the IESO LRP process, both of which have consultation requirements which must be met.

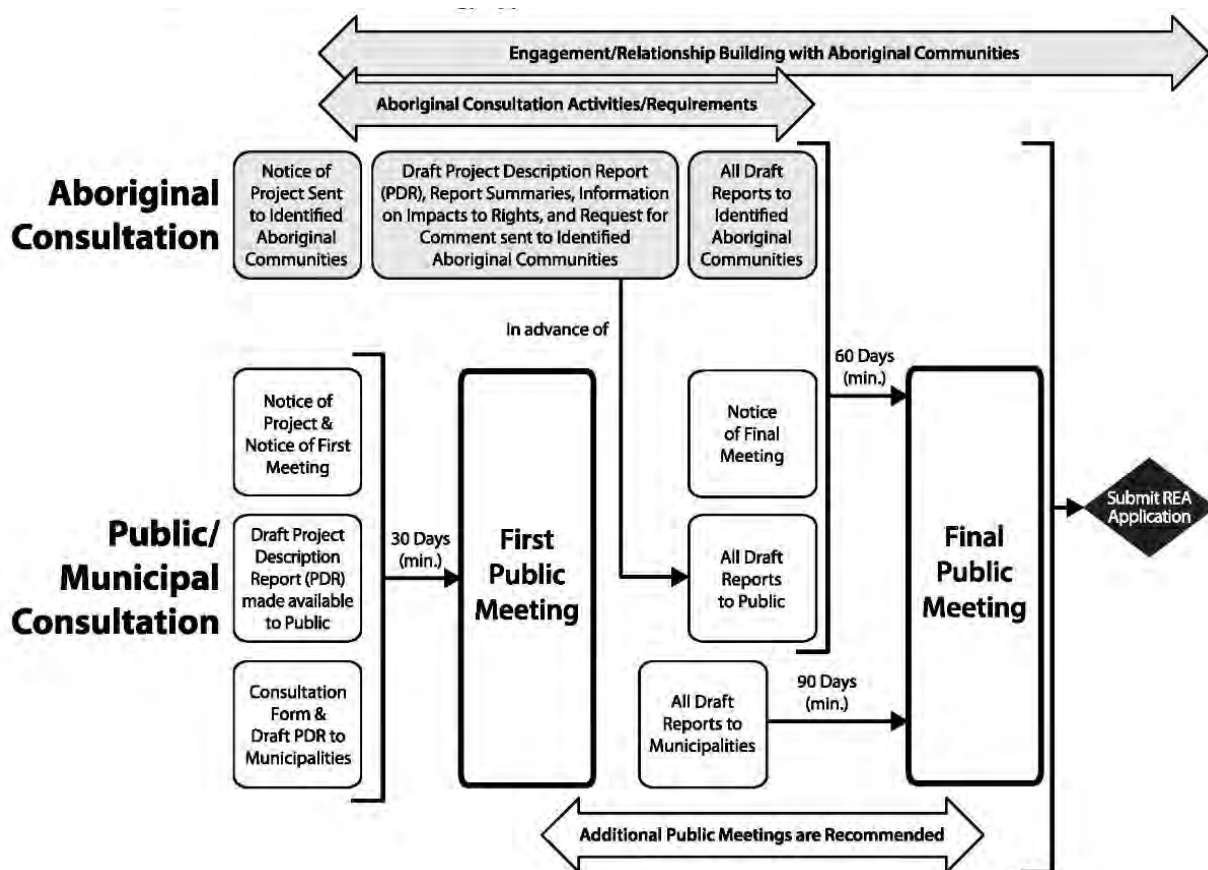
The REA consultation requirements are depicted in Figure 2 below. The REA process includes regulated minimum consultation requirements to ensure that the public, municipalities, Aboriginal communities and other stakeholders are notified about a project and are given sufficient opportunities to provide feedback and information to the proponent as outlined in O. Reg. 359/09. These minimum requirements include rules for notification and consultation with Aboriginal communities, public notification, holding public meetings, making reports available, and engaging municipalities. Of particular importance is the timing of the release of reports prior to community meetings.

Mandatory consultation requirements with respect to the REA process include the following:

- Notices of the Project and of Public Community Meetings;
- Public Community Meetings (2);
- Use of a publicly accessible project website to post relevant project information; and,
- Provision of reports in a timely manner in accordance with the REA process requirements prior to consultation events. (see Figure 2)

The LRP process sets out similar consultation requirements and requires the proponents to provide 'certain proofs' of consultation and support from adjacent communities, neighbours and Aboriginal communities as required. With respect to the OPG Nanticoke Solar Project, the LRP requirements relate to posting of this Community Engagement Plan in a manner which is publicly accessible in addition to submission of required documentation for notifications, meetings, and other consultation activities. For example, all community consultation materials including this plan, meeting reports, Site Considerations Information and notices must be sent to the clerk of relevant municipalities in addition to any other contact as designated by the Municipality. The LRP process is asking for the documentation of consultation activities undertaken pursuant to the REA process such that community and other stakeholder support and consultation efforts for the Project can be gauged and proof provided that the appropriate consultation has occurred in the appropriate manner.

Figure 2 REA Process and Consultation Requirements



4.0 COMMUNITY ENGAGEMENT APPROACH AND GUIDE REQUIREMENTS

The design and implementation of an appropriately directed and effective community engagement program will play a key role in ensuring that the Project receives all requisite environmental approvals. Consultation undertaken for this Project must meet both the consultation requirements for the REA and the consultation requirements for the IESO LRP processes. Consultation is a critical component of the REA and LRP processes. This engagement plan acknowledges the minimum requirements set out by both the REA process and the IESO LRP process and seeks to build on them to ensure these requirements, along with OPG's standards, are met or bettered. This Plan and OPG's past practices with respect to consultation are consistent with best practices, approaches and techniques.

The objectives of community engagement are to:

- encourage early information sharing by all participants;
- identify public support or concerns in regard to the Project;
- promote transparency and accountability in government decision making;
- improve the Project by incorporating community knowledge, Aboriginal traditional knowledge and public ideas and opinions where appropriate¹;
- identify and share various viewpoints on the Project;
- contribute to the conservation and enhancement of the environment by supporting development that is environmentally and economically sustainable; and,
- provide opportunities for the public to influence the planning of the Project and its design before irrevocable decisions are made.

Based on the above requirements, the following are the core elements of the community engagement program:

- ***Informal meetings with key stakeholders*** as appropriate and if available prior to commencement of the REA process.
- ***Notice of Proposal to Engage in a Project*** will be published in local newspapers a minimum of 30 days in advance of the first public meeting and put on a website devoted to the Project. The Notice must be published on at least two separate days in a newspaper with general circulation in the local municipality or municipalities, if more than one is affected. As per the LRP process, the Notice must also be provided to:
 - every assessed owner of land within 120 m of the Project location;
 - every assessed owner of land abutting the parcel on which the Project is located;
 - every clerk of every local and upper-tier municipality in which the Project is located;
 - Director at MOECC as well as the district manager in which the Project is located; and
 - Secretary of every company operating an oil or natural gas pipeline if the pipeline right-of-way is within 200 m of the Project location.

Along with indicating to the public that the Project is being initiated, the Notice will assist OPG in building a mailing list for subsequent rounds of consultation. The publication of the Notice will be timed to also serve as the notice of the first Public Community Meeting.

¹ Please note that the Aboriginal Consultation plan describes the proposed Aboriginal consultation process.

- **Two mandatory rounds of Public Community Meetings** will be convened. The first will be held early in the process (prior to the bid submission date) to introduce the Project and Community Engagement Plan, provide a description of the Project, and identify/confirm issues and opportunities. The second will occur later on in the Project planning process (after the bid results are available) and will present the recommended approach to development, predicted environmental effects, mitigative measures, and address outstanding concerns. Notices for the Public Community Meetings must be distributed to the same list of people outlined above and any other potentially concerned stakeholders, in addition to those that have requested Project updates. The Notice of Public Community Meeting must follow the REA requirements and be distributed at least 30 days before the first meeting and at least 60 days before the second meeting.
- **A Project website** will be developed prior to issuing the Notice of Proposal and will provide information on the Project. Information posted on the website would include project information, notices, REA documents, consultation materials, maps and contact information. A website address has been registered for the Project: www.nanticokesolar.com. The website will be linked to the OPG website.
- **Ongoing Public Inquiries** will be received via phone, letter or e-mail. These inquiries and comments will be responded to and recorded by OPG. Contact information for the Project is as follows:

Name: Svetlana Helc
Title: Project Manager, Corporate Business Development
Address: 700 University Avenue H18 E22
Toronto, ON M5G 1X6
Telephone: (416) 592-6658
Fax: (416) 592-3489

Name: Gillian MacLeod
Title: Senior Environmental Advisor
Address: 700 University Avenue H18 D16
Toronto, ON M5G 1X6
Telephone: (416) 592-3481
Fax: (416) 592-3489

Project Email: info@nanticokesolar.com

The following local newspapers will be used for the publication of notices:

- The Grand River Sachem; and,
- Haldimand Press.

5.0 PRELIMINARY LIST OF KEY STAKEHOLDERS

A list of key stakeholders will be developed and confirmed in consultation with OPG's staff at Nanticoke GS and the OPG Project team. This list will reflect both those individuals and agencies whom already have a relationship with the site and those to be consulted as part of the REA process. All notices of consultation activities will be sent directly to

those on the stakeholder list. The following represents an initial list of key stakeholders (Aboriginal Communities are separately addressed in the Aboriginal Consultation Plan):

Provincial Agencies

- Ministry of Natural Resources and Forestry;
- Ministry of Energy;
- Ministry of Environment and Climate Change, Environmental Assessment Branch;
- Ministry of Tourism, Culture and Sport;
- Ministry of Municipal Affairs and Housing;
- Ministry of Aboriginal Affairs;
- Local MPP;
- IESO;
- OEB; and,
- Hydro One Networks Inc.

Federal Agencies

- Local MP;
- Canadian Environmental Assessment Agency;
- Department of Fisheries and Oceans;
- Transport Canada; and,
- Environment Canada.

Municipal Agencies

- Haldimand County; and,
- Long Point Conservation Authority.

Corporations and Non-Government Organizations

- The secretary of every company operating an oil or natural gas pipeline if the pipeline right-of-way is within 200 m of the Project location; and,
- Corporations owning land abutting the Project site or within 120 m of the site.

General Public

The general public mailing list will be developed. The general public members to whom consultation should be extended includes:

- Site neighbours (including abutting landowners and permanent and seasonal residents);
- Residents within adjacent communities; and,
- Anyone who responds to the first Notice of Proposal.

6.0 COMMUNITY ENGAGEMENT PLAN

Outlined below are the tasks necessary to implement the Community Engagement Plan. A separate plan has been developed for Aboriginal Consultation.

Task #1 – Build the Contact List

A stakeholder list will be developed in Microsoft Excel format. This database is continually updated. It is expected that this will be initiated with the list of contacts OPG has already in hand for the Nanticoke GS site.

Task #2 – Informal Meetings Prior to Commencement of REA Process

Informal meetings with municipal staff of the Directly Affected Community and Provincial Ministries may be held in advance of commencement of the REA process. The purpose of these meetings will be to introduce the Project and discuss any specific issues. These meetings will be identified as required and will assist OPG in identifying and understanding issues to be addressed.

Task #3 – Notice of Proposal/Website

As detailed above, the Notice of Proposal to Engage in a Project must be created using the REA template and published in local newspapers at least 30 days prior to the first official REA Public Community Meeting. The distribution of the Notice must be as outlined above. A second Notice of Public Community Meeting pursuant to the LRP requirements and consistent with the LRP template will be published at least 15 days prior to the Public Community Meeting.

The website should be fully operational at this stage of the process and include the following information:

- Project Information;
- Notices;
- REA Documents;
- Consultation Materials;
- Maps; and,
- Contact information.

Task #4 – First Official Public Community Meeting

It is recommended that the proposed First Public Community Meeting be held prior to the bid submission. The main purpose of the first community meeting is to inform the public about the Project, the REA process, identify the variety of studies to be undertaken, and flag any particular issues. OPG will use a format for this meeting which includes display boards, attendance by subject matter experts to respond to questions, sign-in sheets, etc. Comments received as a result of the community meeting will be recorded and circulated for information and response.

Task #5 – Second Official Public Community Meeting

The second community meeting will be held after OPG's bid results are known. Assuming the Project is successful in its bid, and there is an interest in proceeding, all draft reports must be provided to municipalities 90 days prior to the final community meeting and the draft reports must be available to the public and Aboriginal communities 60 days prior to the final community meeting. Thus, the timing of the final community meeting will be dependent on the submission dates of the draft reports. The purpose of the community meeting is the review of the draft reports. We anticipate that these meetings will be held in late 2015 based on the overall Project schedule. The second Public Community Meeting will follow the same format as the first one, unless change is warranted based on project or stakeholder demands. Comments received as a result of the community meeting will be recorded and circulated for information and response.

Task #6 – Preparation of Consultation Report

A consultation report must be prepared as part of the REA submission. The report will document how stakeholder consultation activities were undertaken. It will also provide a record of the comments and information received through consultation in addition to how the comments were considered. The consultation report will record whether and how the Project was modified as a result of comments received.

Ongoing Tasks

Along with the above noted community engagement tasks, on-going consultation will occur with the public. Specifically, contact information will be provided on the Project website and on Project notifications such that comments and questions can be sent to OPG and addressed at any time during Project planning. Public inquiries will be responded to and documented. Additional meetings will be held with local stakeholders if required.

7.0 REPORTING

As noted above, drafts of all technical reports will be provided to the public for review and comment at least 60 days prior to the second Public Community Meeting. These reports will be finalized following public, Aboriginal and agency consultation.

Throughout Project planning, a comprehensive record of consultation activities and comments received will be kept for incorporation into a consultation report to be provided to the MOECC with all other reports as part of the final submission. The Project website will be updated with available information and consultation summaries. All meeting summaries will be posted to the website and thus will be available for review. At any time, members of the public are welcome to ask questions of the Project team by sending an email, letter or by phone, or they are welcome to provide comments on the information provided. OPG will respond to questions and comments as required, and make changes to Project planning based on the feedback received.

May 11, 2015

Dear Area Residents and Neighbours,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. (“OPG”) or an associated Special Purpose Entity (referred to as OPG or the “Proponent”) has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO’s Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokeSolar.com. We also invite you to visit the project website at www.NanticokeSolar.com. A copy of the project description report, which was prepared as part of the REA process, is also available for viewing on our website.

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc

Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet

Appendix C: Aboriginal Correspondence

ABORIGINAL CONSULTATION PLAN FOR THE NANTICOKE SOLAR PROJECT

Submitted to:
Ontario Power Generation Inc.
700 University Avenue
Toronto, Ontario
M5G 1X6

Prepared by:

SENES Consultants,
now ARCADIS Canada Inc.
121 Granton Drive, Suite 12
Richmond Hill, Ontario
L4B 3N4

April 2015

TABLE OF CONTENTS

	<u>Page No.</u>
1.0 INTRODUCTION	1
2.0 APPROACH AND CONTEXT	2
3.0 OVERVIEW OF THE PROJECT	3
4.0 OVERVIEW OF REA AND LRP PROCESSES	3
5.0 APPROACH AND REA GUIDE REQUIREMENTS	5
6.0 ABORIGINAL COMMUNITIES/PEOPLE'S TO BE CONSULTED	6
7.0 CONSULTATION PLAN	7
8.0 REPORTING	8

LIST OF FIGURES

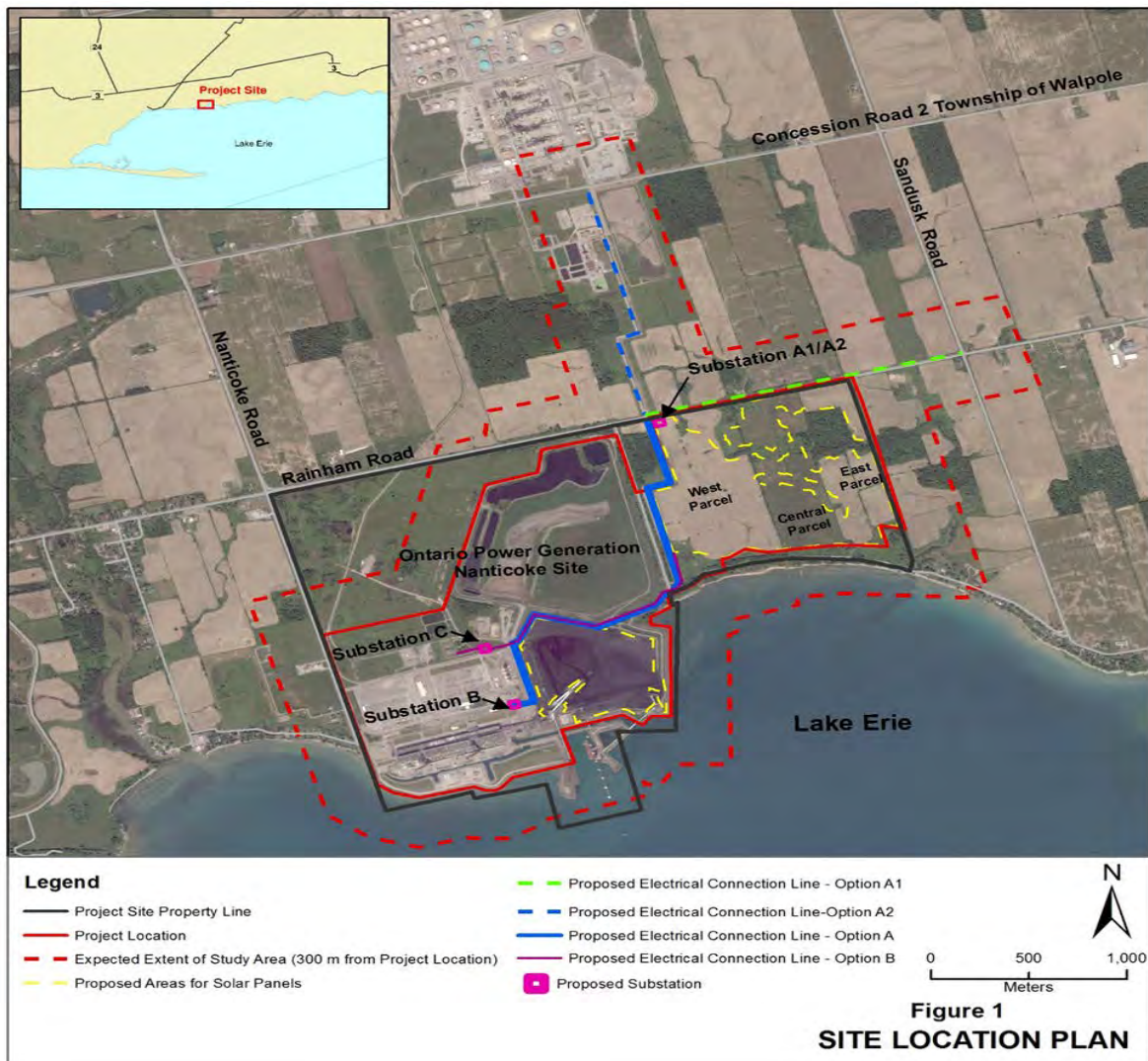
	<u>Page No.</u>
Figure 1 Site Location Plan	1
Figure 2 REA Process and Consultation Requirements.....	4

1.0 INTRODUCTION

Ontario Power Generation Inc. (“OPG”) or an associated Special Purpose Entity (referred to as OPG or the “Proponent”) is proposing to design, build and operate up to a 50 MW (megawatts of alternating current) Solar Energy Project (the “Project”) at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County, Ontario (see Figure 1 – Site Location Plan). This Project will be submitted into the Independent Electricity System Operator’s (IESO) Large Renewable Procurement (LRP) I Request for Proposal (RFP), with IESO awarding contracts to successful projects in late 2015. The proposed Project is classified under the O.Reg. 359/09 Renewable Energy Approval (REA) process as a Class 3 Solar Facility and will generate up to 50 MW if successful in the IESO LRP I program.

This Aboriginal Consultation Plan lays out consultation objectives and activities in support of the REA process and the LRP I process.

Figure 1 Site Location Plan



The overall goal of OPG's Aboriginal Consultation Plan for the Nanticoke Solar Project is to ensure compliance with OPG's obligation with respect to Aboriginal Consultation as required in the environmental assessment process, and to inform and assist the Crown in discharging its "duty to consult" with Aboriginal peoples. More specific objectives are outlined below:

- To provide a consultation program that will meet the procedural aspects of the "duty to consult" as may be delegated to OPG by the Crown. While consultation with Aboriginal peoples remains the responsibility of the Crown, the Supreme Court of Canada has ruled that the environmental assessment process is the appropriate vehicle for proponents to undertake the procedural aspects of the "duty to consult", as part and parcel of the Aboriginal Consultation requirements of the environmental assessment.
- To provide Aboriginal Communities/Peoples in the region with an opportunity to express any concerns with respect to potential impacts the Project may have on their ability to exercise Aboriginal and treaty rights, to have meaningful input on the Project and address pertinent Aboriginal Communities/Peoples concerns wherever feasible through a process that is fair and reasonable with respect to the Project and consistent with the principles of consultation and accommodation.

2.0 APPROACH AND CONTEXT

This Aboriginal Consultation Plan is intended to provide an overview of the consultation process that OPG will undertake with the Aboriginal Communities/Peoples that may be impacted by the Nanticoke Solar Project proposed at the existing Nanticoke GS site.

The key assumptions of the Aboriginal Consultation Plan are as follows:

Assumption 1:

- OPG understands that it will be delegated the "procedural" aspects of consultation.

Assumption 2:

- OPG understands that the environmental assessment process is an acceptable process to assess the impacts of the Project on the rights and interests of Aboriginal Peoples.

Assumption 3:

- OPG wants to avoid, minimize and/or accommodate any potential impacts of the Project, for example, on the traditional territories or traditional activities of Aboriginal peoples in the Project area.

The approach to the consultation has been developed and informed based on the following considerations.

OPG understands that the Supreme Court of Canada has interpreted the "duty to consult" as being an obligation of the Crown to meaningfully consult and, where appropriate, accommodate potential impacts on Aboriginal and treaty rights protected under Section 35 of the Constitution Act, 1982. The Crown's¹ "duty to consult" and accommodate is to be

¹ It is recognized that OPG is not the Crown. This complexity with respect to the role of the Crown is discussed later in this Plan.

proportionate to the preliminary assessment of the strength supporting the existence of the Aboriginal right or title and the significance of the potential effect upon the right or title identified. While it is the sole legal obligation of the Crown, OPG's consultation efforts will inform the Crown's efforts in identifying where the Project may have potential impacts on Aboriginal and treaty rights as expressed and identified throughout the environmental assessment process. OPG also acknowledges that it may, through the assessment process and in consultation with the Aboriginal communities, identify measures that may accommodate and address any potential impacts on the current exercise of Aboriginal and treaty rights.

3.0 OVERVIEW OF THE PROJECT

As noted above, the Project involves the design, construction and operation of up to a 50 MW Solar Energy Project at the existing OPG Nanticoke GS site. The Nanticoke GS is located on major industrial zoned land located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. Solar panels are being considered for four land parcels. One land parcel is located on the former coal pile. There are also three land parcels located immediately east of the Nanticoke GS site, West, Central, and East Parcels. All land parcels represent the Project Site (the "Site"). Within the Project Site the "Project Location" represents the physical footprint of the Project, including the proposed facility components and temporary areas used during construction. The Project Location may be refined and narrowed down as the detailed design evolves.

The Project Location will be used to install and accommodate all components of the proposed Project, including all temporary areas that will be used throughout the life of the Project (i.e. construction, operation and decommissioning), including construction laydown areas and access roads. All Project activities will be conducted on the land owned or leased by OPG, or within the adjacent municipal right-of-way (for electrical interconnection to provincial grid). The exact limits of the Project Location have yet to be determined, and will be refined and narrowed depending on the point of interconnection to the provincial grid, which will be established during discussions with Hydro One and the IESO.

Additional information about the Project and the anticipated environmental effects can be found in the Draft Project Description Report available on the website at www.nanticokesolar.com or upon request.

4.0 OVERVIEW OF REA AND LRP PROCESSES

The OPG Nanticoke Solar project is subject to the REA process and is being bid under the IESO LRP process, both of which have consultation requirements which must be met.

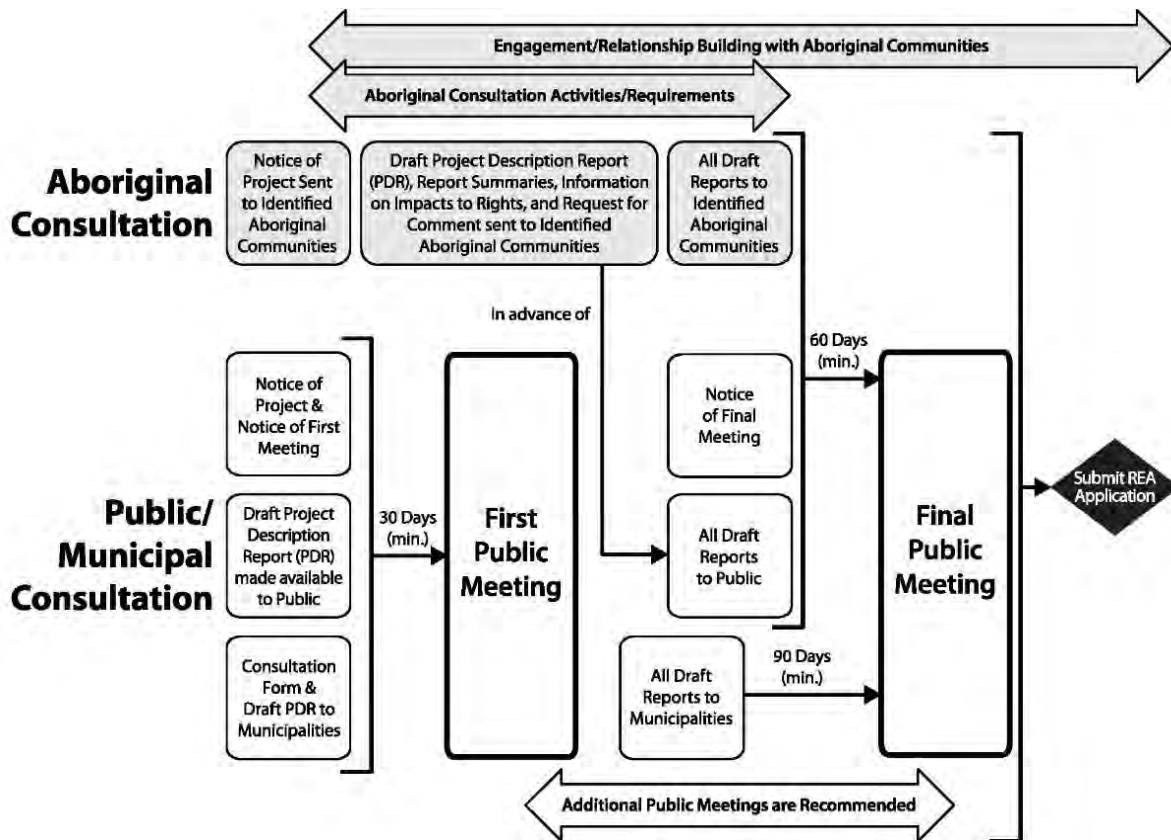
The REA consultation requirements are depicted in Figure 2 below. The REA process includes regulated minimum consultation requirements to ensure that the public, municipalities, Aboriginal communities and other stakeholders are notified about a project and are given sufficient opportunities to provide feedback and information to the proponent as outlined in O. Reg. 359/09. These minimum requirements include rules for notification and consultation with Aboriginal communities, public notification, holding public community meetings, making reports available, and engaging municipalities. Of particular importance is the timing of the release of reports prior to public community meetings.

Mandatory consultation requirements with respect to the REA process include the following:

- Notices of the Project and of Aboriginal Consultation meetings;
- 2 Rounds of Aboriginal Consultation meetings; and,
- Provision of reports in a timely manner in accordance with the REA process requirements prior to consultation meetings.

The LRP process sets out similar consultation requirements and requires the proponents to provide 'certain proofs' of consultation and support from adjacent communities, neighbours and Aboriginal communities as required. With respect to the OPG Nanticoke Solar Project, the LRP requirements relate to posting of this Aboriginal consultation plan in a manner which is publicly accessible in addition to submission of required documentation for notifications, meetings, and other consultation activities. For example, all community consultation materials including this plan, meeting reports, Site Considerations Information and notices must be sent to the clerk of the relevant municipalities in addition to any other contact as designated by the Municipality. The LRP process is asking for the documentation of consultation activities undertaken pursuant to the REA process such that community and other stakeholder support and consultation efforts for the Project can be gauged and proof provided that the appropriate consultation has occurred in the appropriate manner.

Figure 2 REA Process and Consultation Requirements



5.0 APPROACH AND REA GUIDE REQUIREMENTS

The design and implementation of an appropriately directed and effective Aboriginal consultation program will play a key role in ensuring that the Project receives all requisite environmental approvals. Consultation undertaken for this Project must meet both the consultation requirements for the REA and for the IESO LRP processes and the consultation requirements of the Aboriginal communities themselves. Consultation is a critical component of the REA and LRP processes. This consultation plan acknowledges the requirements set out by the REA process, the IESO LRP process and the community consultation protocols and seeks to build on them to ensure these requirements, along with OPG's standards, are met or bettered. This Plan and OPG's past practices with respect to consultation are consistent with best practices, approaches and techniques.

The objectives of Aboriginal consultation are to:

- improve the Project by incorporating community knowledge, Aboriginal traditional knowledge and ideas and opinions where appropriate;
- respect the consultation requirements of the Aboriginal communities potentially affected;
- encourage early information sharing by Aboriginal Communities;
- identify support or concerns in regard to the Project;
- meet the objectives and assumptions of 'Duty to Consult' as outlined above in Section 1.0;
- identify and share various viewpoints on the Project; and,
- contribute to the conservation and enhancement of the environment by supporting development that is environmentally and economically sustainable.

Based on the above requirements, the following are the core elements of the Aboriginal consultation program:

- ***Informal meetings with key Aboriginal community representatives*** (those communities with an existing relationship with on-going site operations) as appropriate and if available prior to commencement of the REA process.
- ***Notice of Proposal to Engage in a Project*** will be published in local newspapers a minimum of 30 days in advance of the first public meeting and put on a website devoted to the Project. The Notice will also be published within each community in a manner consistent with the community's best practice. The Notice must be published on at least two separate days in a newspaper or similar publication, if applicable with general circulation in the communities.
- ***Two mandatory rounds of consultation*** will be convened. The first will be held early in the process (prior to the bid submission date) to introduce the Project and consultation plan, provide a description of the Project, and identify/confirm issues and opportunities. The second will occur later on in the project planning process (after the bid results are available) and will present the recommended approach to development, predicted environmental effects, mitigative measures, and address outstanding concerns. OPG will discuss with each community how best to undertake this consultation. This may include meetings with community representatives, community open houses or other consultation activities. Notices must be within the community and to interested community members prior to the consultation activity in accordance with the community requirements. The Notice must follow the REA requirements and be distributed at least 30 days before the first meeting and at least 60 days before the second meeting.

- **A Project website** will be developed prior to issuing the Notice of Proposal and will provide information on the Project. Information posted on the website would include project information, notices, REA documents, consultation materials, maps and contact information. A website address has been registered for the project: www.nanticokesolar.com. The website will be linked to the OPG website.
- **Ongoing Inquiries** will be received via phone, letter or e-mail. These inquiries and comments will be responded to and recorded by OPG. Contact information for the Project is as follows:

Name: Svetlana Helc
Title: Project Manager, Corporate Business Development
Address: 700 University Avenue H18 E22
Toronto, ON M5G 1X6
Telephone: (416) 592-6658
Fax: (416) 592-3489

Name: Gillian MacLeod
Title: Senior Environmental Advisor
Address: 700 University Avenue H18 D16
Toronto, ON M5G 1X6
Telephone: (416) 592-3481
Fax: (416) 592-3489

Project Email: info@nanticokesolar.com

OPG will discuss with each Aboriginal community the best mechanisms for notification of members. For some communities this may include use of websites, newsletters, radio ads, local newspapers or placement of advertisements in community gathering places.

6.0 ABORIGINAL COMMUNITIES/PEOPLE'S TO BE CONSULTED

As a first step, OPG has undertaken an assessment of which Aboriginal Communities/People's will need to be consulted as part of the Project. This assessment was based on the local knowledge about traditional territories, communities and users in the area. The assessment also considered other planning exercises having occurred in the area and previous consultations. Based on the experience of other solar developers in the area and the list of Aboriginal communities to be consulted provided by the Ministry of the Environment and Climate Change (MOECC) the communities and groups to be consulted as part of this REA are as follows:

- Six Nations of the Grand River (Elected Council);
- Haudenosaunee Chiefs Confederacy Council (Traditional); and,
- Mississaugas of the New Credit First Nations.

OPG will follow the community's direction with respect to whom within the community is to be consulted with and when. As per the direction provided in the Technical Guide to Renewable Energy Approvals, the Draft Project Description

Report was submitted to MOECC and the MOECC contacted other ministries and agencies to generate the list of Aboriginal communities to be consulted.

7.0 CONSULTATION PLAN

OPG has existing relationships with these key Aboriginal communities as a result of historic and/or existing operations. The engagement strategy will build on OPG's existing relationship with each Aboriginal community and will be consistent with its overall First Nations and Aboriginal policy. All information provided will be accessible (i.e. non-technical/plain language documents).

Task #1 – Build the Contact List

An Aboriginal community list will be developed in Microsoft Excel format and continually updated. This list will be initiated with the contacts OPG has already in hand for the Nanticoke GS site. In addition, the Draft Project Description Report was sent to the Director of Environmental Assessment and Approvals at MOECC to identify additional communities to be consulted. It is our understanding that the MOECC coordinated across the Provincial government to generate the list of Aboriginal communities to be consulted. This list is the basis for Aboriginal consultation throughout the REA process.

Task #2 – Informal Meetings

Informal meetings will be held with identified communities as appropriate in advance of commencement of the REA process. The purpose of these meetings will be to establish contact with the right community members and seek to understand any concerns the community may have with OPG pursuing the Project at this location.

Task #3 – Notice of Proposal/ Website

The Notice of Proposal to Engage in a Project must be created using the REA template and published in local newspapers serving the Aboriginal communities of interest at least 30 days prior to the first Public Community Meeting. A second Notice of Public Community Meeting pursuant to the LRP requirements and consistent with the LRP template will be published at least 15 days prior to the Public Community Meeting.

The website should be fully operational at this stage in the process and include the following information:

- Project Information;
- Notices;
- REA Documents;
- Consultation Materials;
- Maps; and,
- Contact information.

Task #4 – First Round of Consultation Activities

OPG will contact Aboriginal communities identified by MOECC to determine their interest in the Project and how they wish to be consulted. Information gathering meetings will be held with Aboriginal communities and people desiring this consultation following publication of the Notice of Project. During these consultation activities information about the project and anticipated effects will be presented and information with respect to community concerns and issues and potentially affected rights will be gathered from community members. Other communities may wish only to receive Project information or may wish meetings between OPG and Council. The exact nature of consultation activities will be determined in consultation with each community. Aboriginal communities will also be invited to all public consultation activities that occur during this time. Comments received as a result of these consultation activities will be recorded and circulated for information and response.

Task #5 – Second Round of Consultation Activities

Prior to all draft reports being made available for review by the public, the Draft Project Description Report, Report Summaries, Information on Impacts to Rights and Request for Comments must be sent to Identified Aboriginal communities. At the same time or immediately following OPG will visit the communities requesting meetings to present the information contained in the studies and solicit comments. All draft reports will be submitted to identified Aboriginal communities at the same time they are made available to the public for review. Comments received as a result of these consultation activities will be recorded and circulated for information and response. Should Aboriginal communities wish to have additional meetings OPG will accommodate these requests.

Task #6 – Preparation of Consultation Report

A consultation report must be prepared as part of the REA submission and will include a section on Aboriginal consultation which must address the requirements laid out in the Technical Guide to Renewable Energy Approvals. The report will document how Aboriginal consultation activities were undertaken and provide a record of the comments and information received through consultation and how the comments were considered. Ideally, the consultation report will record whether and how the Project was modified as a result of comments received.

Ongoing Tasks

Along with the above noted Aboriginal tasks, on-going consultation opportunities will be provided to Aboriginal community members. Specifically, contact information will be provided on the website and on the notifications. Inquires will be responded to and documented. Additional meetings will be held with Aboriginal communities if required.

8.0 REPORTING

As noted above, drafts of all technical reports will be provided for review and comment at least 60 days prior to the second public open house. These reports will be finalized following public, Aboriginal and agency consultation.

Throughout Project planning, a comprehensive record of consultation activities and comments received will be kept for incorporation into a consultation report to be provided to the MOECC with all other reports as part of the final

submission. The Project website will be updated with available information and consultation summaries. All meeting summaries will be posted to the website and made available for review. At any time, members of Aboriginal communities are welcome to ask questions of the Project team by sending an email, letter or by phone, or they are welcome to provide comments on the information provided. OPG will respond to questions and comments as required, and make changes to Project planning based on the feedback received.

From: MACLEOD Gillian -ENVIRONMENT [<mailto:gillian.macleod@opg.com>]

Sent: May-01-15 3:59 PM

To: [REDACTED]

Cc: HELC Svetlana -CBUSDEV&CRO

Subject: Follow up from our telephone conversation today

Hi [REDACTED]

It was a pleasure talking to you today. As promised I am going to send you a couple of files- may have to do it via several emails-sorry for the inconvenience.

In total I will be sending you the following:

- * Project Description for Nanticoke Solar
- * Fact Sheet for Nanticoke Solar
- * Copy of REA ad for Nanticoke Solar (the LRP ad which is a separate template will be sent as soon as it is ready)

The url site where all this information is also found is

www.nanticokesolar.com<<http://www.nanticokesolar.com>>

As well, please forward me the contact name for the archaeology monitor; I need to give this name, phone no and email to our consultant SENES and their sub Donna Morrison -the archaeologist doing the work.

I trust that after you have a chance to review this information you will be in a position to offer us some dates that work for you for a face to face meeting .

I look forward to working with you on this exciting project

Regards

Gillian MacLeod
Sr. Environmental Advisor

Monday, March 30, 2015

Chief Ava Hill
Six Nations of the Grand River
P.O. Box 5000
Oshweken, Ontario N0A 1M0

Dear Chief Hill,

Further to our meeting on December 15, 2014, Ontario Power Generation is continuing to work on the Nanticoke Solar Project and is planning to submit it into the Large Renewable Procurement (LRP) I competitive bid process to the Independent Electricity System Operator (IESO), previously Ontario Power Authority (OPA). The project is for up to 40 MW of solar capacity on the existing OPG Nanticoke Generating Station site, in Haldimand County. Please see the attached fact sheet for more details.

Solar projects are subject to the Renewable Energy Approvals Process (REA). As part of the REA process the Ministry of Environment and Climate Change (MOECC) has advised us that your First Nation is on their prescribed consultation list and that they have sent you correspondence indicating that OPG will contact you regarding this project. OPG is preparing to start the REA process and would like to meet with you and/or your community to introduce the project, review the work we plan to undertake and discuss any community concerns or questions.

Based on your feedback from the meeting on December 15, 2014, we will contact Matt Jamieson to coordinate and organize the follow-up meeting and commence consultation. If there is someone else besides Matt that you would like us to contact, or to include in follow-up communications, please let us know.

If you would like to discuss the project, ask questions, or seek clarification, I can be reached at (416) 592-3481 or at gillian.macleod@opg.com.

Yours truly,



Gillian MacLeod, Sr. Environmental Advisor
Corporate Business Development

Attachment: Nanticoke Solar Fact Sheet

- cc: - Matt Jamieson, Six Nation Council, Director of Economic Development.
2498 Chiefswood Road, P.O. Box 5000, Oshweken, Ontario N0A 1M0.
- Svetlana Helc, OPG
 - Anneliese Grieve, SENES
 - MOECC

NANTICOKE SOLAR PROJECT

MARCH 30, 2015

Project Overview

Ontario Power Generation (OPG) is proposing to design, build and operate up to a 40 megawatt Solar Energy Project at the existing OPG Nanticoke Generating Station lands, additional lands OPG owns and lands OPG may lease on the adjacent Imperial Oil Site, in Haldimand County, Ontario.

The Nanticoke Generating Station is located on an approximate 910 acres (370 ha) major industrial zoned land parcel south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. The Imperial Oil site would be leased by OPG and is an approximate 150 acre (60 ha) land parcel immediately east of the Generating Station. OPG also owns an 80 acre (33 ha) land parcel immediately east of the Imperial Oil site.

Solar power captures the sun's energy to generate electricity. Photovoltaic (PV) panels generate no greenhouse gas emissions, pollutants or noise.

Project Activities

The key activities related to the Nanticoke Solar Project include:

Construction: Planned to commence in Q3 2016 and last for up to two years. General construction activities include site preparation, solar panel installation, and electrical collection system and interconnection.

Operation: Projected to commence in 2018 and operate for a 20-year period (with proper maintenance, project could continue to operate for an additional 10 or more years). Equipment will be monitored remotely and qualified personnel will be available to complete regular preventative maintenance work.

Decommissioning: Process involves the removal of all Project components and restoring the land to an acceptable condition for its future use. Decommissioning activities include

Large Renewable Procurement

The Nanticoke Solar Project will be submitted into the Independent Electricity System Operator (IESO)/Ontario Power Authority (OPA) Large Renewable Procurement (LRP) I request for proposal process. The IESO/OPA is expected to award contracts to successful projects at the end of 2015.



Project Components

Major equipment and infrastructure associated with the Nanticoke Solar Project are described below. Note that all electrical equipment will meet Electrical Safety Authority and Ontario Electrical Safety Code requirements. The Project components include:

- Arrays of solar photovoltaic (PV) panels with the cumulative capacity to generate up to 40 MW AC power, mounted to racking and anchored to the ground or foundations;
- Electrical inverters to convert DC electricity generated by the solar panels to AC;
- E houses, which provide enclosure for some of the electrical equipment, such as inverters;
- Site drainage and access roads;
- Electrical cables to connect all the panels and inverters and transformers;
- Step-up transformers, which will be connected to a main transformer prior to interconnection to the provincial grid;
- Security fencing around the Project Site; and
- During construction, temporary construction laydown area and facilities (e.g., office trailers, portable toilets, etc.).

NANTICOKE SOLAR PROJECT

MARCH 30, 2015

removal of scrap metal and cabling for recycling, removal and disposal of non-recyclable material to approved disposal sites, removal of industrial waste to be categorized and disposed of in compliance with regulatory requirements and restoring the Project Location for future land uses.

Potential Environmental Effects

OPG is committed to studying and mitigating potential environmental effects of constructing, operating and decommissioning a solar facility. OPG welcomes any comments, questions or concerns regarding potential environmental effects. As part of OPG's environmental commitment, the following studies will be completed:

Cultural Heritage and Archeological Assessments:

There are no known heritage or archaeological resources on the Project Site, but a cultural heritage and archaeological assessment will be carried out in accordance with the Ontario Heritage Act.

Natural Heritage Assessment:

There are no areas of natural and scientific interest, provincial parks or conservation areas located within 50 m of the project location. If OPG studies confirm any natural features within 120 m of the project location an Environmental Impact Study may be required.

Water Body Assessment:

OPG will identify potential surface water features and assess any negative environmental effects of the project on the water body.

Screening of Potential Environmental Effects:

OPG will study potential environmental effects, including air, odour and dust emissions, noise emissions; sewage and stormwater management concerns; local interests, land use, resources and infrastructure; public health and safety; wetlands and woodlands; and water bodies.

We Want To Hear From You!

OPG is committed to Aboriginal and public consultation throughout the Renewal Energy Approval process. We would be pleased to receive any comments, concerns or questions.

Contact

Svetlana Helc
Corporate Business
Development
Phone: (416) 592-6658

Ray Davies
Corporate Business
Development
Phone: (416) 592-1743

Gillian MacLeod
Senior Environmental
Advisor
Phone: (416) 592-3481

Email: info@nanticokesolar.com

Website: www.nanticokesolar.com

ONTARIO POWER GENERATION

700 University Avenue Toronto, Ontario M5G 1X6

Monday, March 30, 2015

Chief Bryan LaForme
Mississaugas of the New Credit First Nation
2789 Mississauga Road, RR6,
Hagersville, Ontario N0A 1H0

Dear Chief LaForme,

Further to our meeting on December 15, 2014, Ontario Power Generation is continuing to work on the Nanticoke Solar Project and is planning to submit it into the Large Renewable Procurement (LRP) I competitive bid process to the Independent Electricity System Operator (IESO), previously Ontario Power Authority (OPA). The project is for up to 40 MW of solar capacity on the existing OPG Nanticoke Generating Station site, in Haldimand County. Please see the attached fact sheet for more details.

Solar projects are subject to the Renewable Energy Approvals Process (REA). As part of the REA process the Ministry of Environment and Climate Change (MOECC) has advised us that your First Nation is on their prescribed consultation list and that they have sent you correspondence indicating that OPG will contact you regarding this project. OPG is preparing to start the REA process and would like to meet with you and/or your community to introduce the project, review the work we plan to undertake and discuss any community concerns or questions.

Please advise who you would like us to work with to co-ordinate /organize a meeting for the Solar Project. We would appreciate receiving a response from you by Wednesday, April 8, 2015. In the event that we do not hear back from you, we will follow-up with a phone call to determine how you would like to proceed.

If you would like to discuss the project, ask questions, or seek clarification, I can be reached at (416) 592-3481 or at gillian.macleod@opg.com.

Yours truly,



Gillian MacLeod, Sr. Environmental Advisor
Corporate Business Development

Attachment: Nanticoke Solar Fact Sheet

cc: Svetlana Helc, OPG
Anneliese Grieve, SENES
MOECC

NANTICOKE SOLAR PROJECT

MARCH 30, 2015

Project Overview

Ontario Power Generation (OPG) is proposing to design, build and operate up to a 40 megawatt Solar Energy Project at the existing OPG Nanticoke Generating Station lands, additional lands OPG owns and lands OPG may lease on the adjacent Imperial Oil Site, in Haldimand County, Ontario.

The Nanticoke Generating Station is located on an approximate 910 acres (370 ha) major industrial zoned land parcel south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. The Imperial Oil site would be leased by OPG and is an approximate 150 acre (60 ha) land parcel immediately east of the Generating Station. OPG also owns an 80 acre (33 ha) land parcel immediately east of the Imperial Oil site.

Solar power captures the sun's energy to generate electricity. Photovoltaic (PV) panels generate no greenhouse gas emissions, pollutants or noise.

Project Activities

The key activities related to the Nanticoke Solar Project include:

Construction: Planned to commence in Q3 2016 and last for up to two years. General construction activities include site preparation, solar panel installation, and electrical collection system and interconnection.

Operation: Projected to commence in 2018 and operate for a 20-year period (with proper maintenance, project could continue to operate for an additional 10 or more years). Equipment will be monitored remotely and qualified personnel will be available to complete regular preventative maintenance work.

Decommissioning: Process involves the removal of all Project components and restoring the land to an acceptable condition for its future use. Decommissioning activities include

Large Renewable Procurement

The Nanticoke Solar Project will be submitted into the Independent Electricity System Operator (IESO)/Ontario Power Authority (OPA) Large Renewable Procurement (LRP) I request for proposal process. The IESO/OPA is expected to award contracts to successful projects at the end of 2015.



Project Components

Major equipment and infrastructure associated with the Nanticoke Solar Project are described below. Note that all electrical equipment will meet Electrical Safety Authority and Ontario Electrical Safety Code requirements. The Project components include:

- Arrays of solar photovoltaic (PV) panels with the cumulative capacity to generate up to 40 MW AC power, mounted to racking and anchored to the ground or foundations;
- Electrical inverters to convert DC electricity generated by the solar panels to AC;
- E houses, which provide enclosure for some of the electrical equipment, such as inverters;
- Site drainage and access roads;
- Electrical cables to connect all the panels and inverters and transformers;
- Step-up transformers, which will be connected to a main transformer prior to interconnection to the provincial grid;
- Security fencing around the Project Site; and
- During construction, temporary construction laydown area and facilities (e.g., office trailers, portable toilets, etc.).

NANTICOKE SOLAR PROJECT

MARCH 30, 2015

removal of scrap metal and cabling for recycling, removal and disposal of non-recyclable material to approved disposal sites, removal of industrial waste to be categorized and disposed of in compliance with regulatory requirements and restoring the Project Location for future land uses.

Potential Environmental Effects

OPG is committed to studying and mitigating potential environmental effects of constructing, operating and decommissioning a solar facility. OPG welcomes any comments, questions or concerns regarding potential environmental effects. As part of OPG's environmental commitment, the following studies will be completed:

Cultural Heritage and Archeological Assessments:

There are no known heritage or archaeological resources on the Project Site, but a cultural heritage and archaeological assessment will be carried out in accordance with the Ontario Heritage Act.

Natural Heritage Assessment:

There are no areas of natural and scientific interest, provincial parks or conservation areas located within 50 m of the project location. If OPG studies confirm any natural features within 120 m of the project location an Environmental Impact Study may be required.

Water Body Assessment:

OPG will identify potential surface water features and assess any negative environmental effects of the project on the water body.

Screening of Potential Environmental Effects:

OPG will study potential environmental effects, including air, odour and dust emissions, noise emissions; sewage and stormwater management concerns; local interests, land use, resources and infrastructure; public health and safety; wetlands and woodlands; and water bodies.

We Want To Hear From You!

OPG is committed to Aboriginal and public consultation throughout the Renewal Energy Approval process. We would be pleased to receive any comments, concerns or questions.

Contact

Svetlana Helc
Corporate Business
Development
Phone: (416) 592-6658

Ray Davies
Corporate Business
Development
Phone: (416) 592-1743

Gillian MacLeod
Senior Environmental
Advisor
Phone: (416) 592-3481

Email: info@nanticokesolar.com

Website: www.nanticokesolar.com

Monday, March 30, 2015

Hazel Hill
Director,
Haudensaunee Confederacy Council /
Haudensaunee Development Institute
2634 6th Line RR#2
Ohsweken, Ontario N0A 1M0

Dear Ms. Hill,

Ontario Power Generation is working on the Nanticoke Solar Project and is planning to submit it into the Large Renewable Procurement (LRP) I competitive bid process to the Independent Electricity System Operator (IESO), previously Ontario Power Authority (OPA). The project is for up to 40MW of solar capacity on the existing OPG Nanticoke Generating Station site, in Haldimand County. Please see the attached newsletter for more details.

Solar projects are subject to the Renewable Energy Approvals Process (REA). As part of the REA process the Ministry of Environment and Climate Change (MOECC) has advised us that your First Nation is on their prescribed consultation list and that they have sent you correspondence indicating that OPG will contact you regarding this project. OPG is preparing to start the REA process and would like to meet with you and/or your community to introduce the project, review the work we plan to undertake and discuss any community concerns or questions.

Please advise us who you would like us to work with to coordinate / organize a meeting for the Solar Project? We would appreciate receiving a response from you by April 8. In the event that we do not hear back from you we will follow-up with a phone call to determine how you would like to proceed.

If you would like to discuss the project, ask questions, or seek clarification, I can be reached at (416) 592-3481 or at gillian.macleod@opg.com.

Yours truly,

A handwritten signature in blue ink, appearing to read "Gillian MacLeod", with a stylized flourish at the end.

Gillian MacLeod
Senior Environmental Advisor
Corporate Business Development

Attachment: Nanticoke Solar Fact Sheet

cc: Svetlana Helc, OPG
Anneliese Grieve, SENES
MOECC

NANTICOKE SOLAR PROJECT

MARCH 30, 2015

Project Overview

Ontario Power Generation (OPG) is proposing to design, build and operate up to a 40 megawatt Solar Energy Project at the existing OPG Nanticoke Generating Station lands, additional lands OPG owns and lands OPG may lease on the adjacent Imperial Oil Site, in Haldimand County, Ontario.

The Nanticoke Generating Station is located on an approximate 910 acres (370 ha) major industrial zoned land parcel south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie. The Imperial Oil site would be leased by OPG and is an approximate 150 acre (60 ha) land parcel immediately east of the Generating Station. OPG also owns an 80 acre (33 ha) land parcel immediately east of the Imperial Oil site.

Solar power captures the sun's energy to generate electricity. Photovoltaic (PV) panels generate no greenhouse gas emissions, pollutants or noise.

Project Activities

The key activities related to the Nanticoke Solar Project include:

Construction: Planned to commence in Q3 2016 and last for up to two years. General construction activities include site preparation, solar panel installation, and electrical collection system and interconnection.

Operation: Projected to commence in 2018 and operate for a 20-year period (with proper maintenance, project could continue to operate for an additional 10 or more years). Equipment will be monitored remotely and qualified personnel will be available to complete regular preventative maintenance work.

Decommissioning: Process involves the removal of all Project components and restoring the land to an acceptable condition for its future use. Decommissioning activities include

Large Renewable Procurement

The Nanticoke Solar Project will be submitted into the Independent Electricity System Operator (IESO)/Ontario Power Authority (OPA) Large Renewable Procurement (LRP) I request for proposal process. The IESO/OPA is expected to award contracts to successful projects at the end of 2015.



Project Components

Major equipment and infrastructure associated with the Nanticoke Solar Project are described below. Note that all electrical equipment will meet Electrical Safety Authority and Ontario Electrical Safety Code requirements. The Project components include:

- Arrays of solar photovoltaic (PV) panels with the cumulative capacity to generate up to 40 MW AC power, mounted to racking and anchored to the ground or foundations;
- Electrical inverters to convert DC electricity generated by the solar panels to AC;
- E houses, which provide enclosure for some of the electrical equipment, such as inverters;
- Site drainage and access roads;
- Electrical cables to connect all the panels and inverters and transformers;
- Step-up transformers, which will be connected to a main transformer prior to interconnection to the provincial grid;
- Security fencing around the Project Site; and
- During construction, temporary construction laydown area and facilities (e.g., office trailers, portable toilets, etc.).

NANTICOKE SOLAR PROJECT

MARCH 30, 2015

removal of scrap metal and cabling for recycling, removal and disposal of non-recyclable material to approved disposal sites, removal of industrial waste to be categorized and disposed of in compliance with regulatory requirements and restoring the Project Location for future land uses.

Potential Environmental Effects

OPG is committed to studying and mitigating potential environmental effects of constructing, operating and decommissioning a solar facility. OPG welcomes any comments, questions or concerns regarding potential environmental effects. As part of OPG's environmental commitment, the following studies will be completed:

Cultural Heritage and Archeological Assessments:

There are no known heritage or archaeological resources on the Project Site, but a cultural heritage and archaeological assessment will be carried out in accordance with the Ontario Heritage Act.

Natural Heritage Assessment:

There are no areas of natural and scientific interest, provincial parks or conservation areas located within 50 m of the project location. If OPG studies confirm any natural features within 120 m of the project location an Environmental Impact Study may be required.

Water Body Assessment:

OPG will identify potential surface water features and assess any negative environmental effects of the project on the water body.

Screening of Potential Environmental Effects:

OPG will study potential environmental effects, including air, odour and dust emissions, noise emissions; sewage and stormwater management concerns; local interests, land use, resources and infrastructure; public health and safety; wetlands and woodlands; and water bodies.

We Want To Hear From You!

OPG is committed to Aboriginal and public consultation throughout the Renewal Energy Approval process. We would be pleased to receive any comments, concerns or questions.

Contact

Svetlana Helc
Corporate Business
Development
Phone: (416) 592-6658

Ray Davies
Corporate Business
Development
Phone: (416) 592-1743

Gillian MacLeod
Senior Environmental
Advisor
Phone: (416) 592-3481

Email: info@nanticokesolar.com

Website: www.nanticokesolar.com



Nanticoke Solar Project

Presented to: Haudenosaunee Confederacy Council and HDI

June 3, 2015

ONTARIO **POWER**
GENERATION

- Meeting Objectives
- Who is OPG?
- Potential Solar Opportunity
- Proposed Nanticoke Solar Project
- Site Location Plan
- Large Renewable Procurement (LRP) Background
- LRP Timeline
- Renewable Energy Approval (REA) and Project Description Report
- Community Engagement Activities
- Next Steps
- Discussion and Questions

- To update the community on the proposed OPG Nanticoke Solar Project, and the related processes that are taking place
 - Large Renewable Procurement (LRP I)
 - Renewable Energy Approval (REA)
- Public consultation will occur throughout both concurrent processes
- OPG would like to understand your interests, concerns, input, questions, ideas
- Your interests in partnering?

OPG was created in 1999 from the assets of Ontario Hydro



OPG's generating portfolio has a total capacity of over 16,000 megawatts (MW)

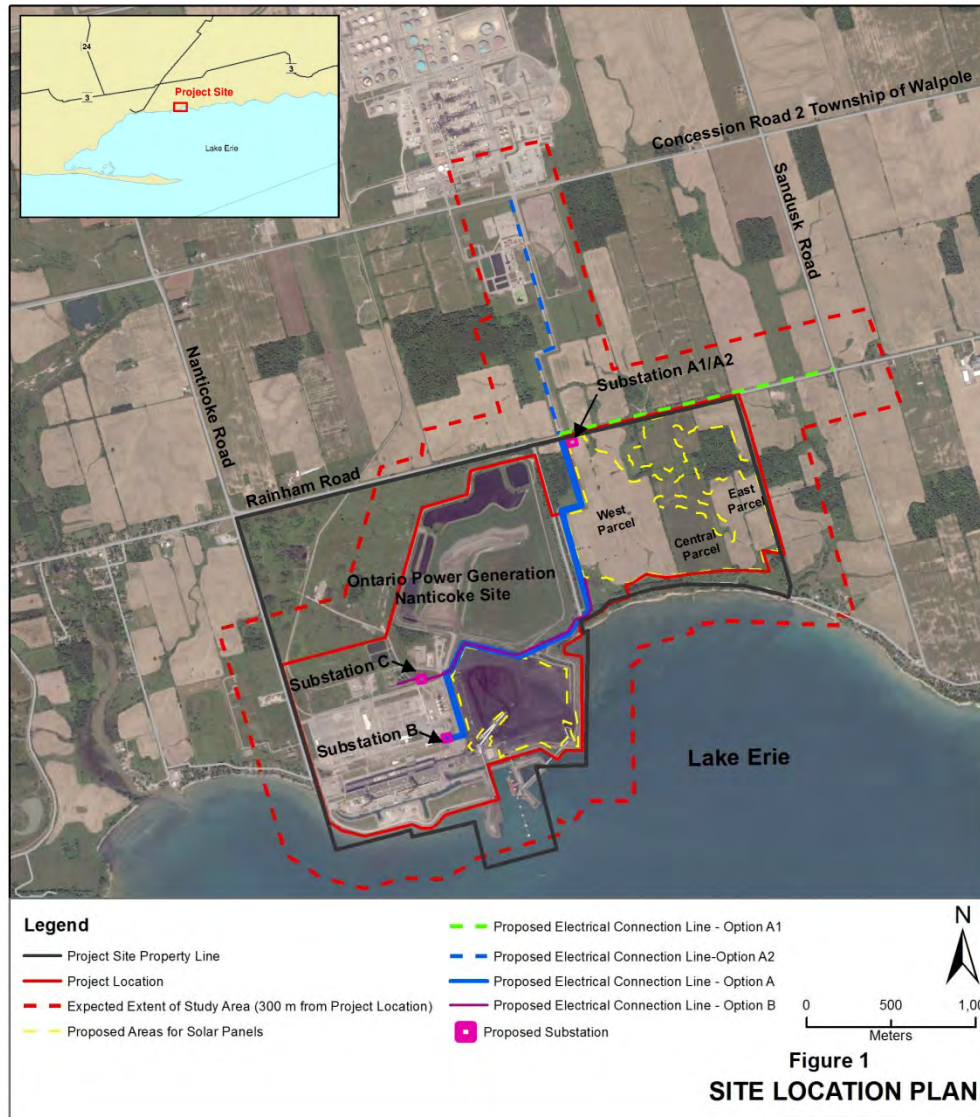
- 2 Nuclear stations
- 3 Thermal stations
- 65 Hydroelectric stations

- OPG is proposing to design, build and operate up to a 50 MW Solar Energy Project in Haldimand County

- Solar power generation facility – use photovoltaic (PV) panels to absorb sunlight as a source of energy and convert it into electricity

- To be located on 4 land parcels at:
 - Existing OPG Nanticoke GS site
 - Additional lands OPG owns
 - Adjacent lands OPG plans to lease

Site Location Plan- need to get new map



Large Renewable Procurement (LRP) Background

- Solar generation in Ontario will grow from 2% of installed capacity in 2013 to 8% in 2025.
- The Ministry of Energy has directed the Ontario Power Authority (OPA), now part of the Independent Electricity System Operator (IESO) to develop a Large Renewable Procurement (LRP) program for projects over 500 kW in which OPG can participate.

LTEP - Renewable Energy Competitive Procurement Targets (Ministry of Energy, 2013)				
	Wind	Solar	Bioenergy	Hydroelectric
LRP I (2014-2015)	300 MW	140 MW	50 MW	75 MW
LRP II (2015-2016)	300 MW	140 MW	50 MW	45 MW
LRP III (2016)	TBD	TBD	TBD	TBD

TBD based on capacity re-allocated from projects not procured or developed through previous procurements.

- The Solar procurement process is highly competitive with 32 applicants qualifying to submit proposals into the LRP.
- Multi-faceted evaluation criteria

The LRP timeline is tight for all participants:

November 4, 2014	<i>OPG Qualified to submit into Request for Proposal (RFP)</i>
March 10, 2015	<i>Release of Final LRP I RFP and LRP I Contract</i>
December 2014 to end of project	Initiate Aboriginal Consultation that will be ongoing to the end of the REA Process
June 10, 2015	Public Engagement Meeting #1
August 7, 2015	Registration Deadline
September 1, 2015	Proposal Submission Deadline
December 2015	IESO Contract award
March 2016	Public Engagement Meeting #2 (if successful)
2019	Project in service

- O.Reg. 359/09 under the *Environmental Protection Act*
- Required approval from the Ministry of the Environment and Climate Change (MOECC)
- Nanticoke Solar Project classified as a Class 3 Solar Facility .
 - PV modules on any location other than a wall or roof of a building that is greater than 10kW; Class 1 and 2 do not need REA approval
- Recently completed Draft Project Description

- Technical Information
- Potential Environmental Effects
 - Cultural and Archaeological Assessments
 - Natural Heritage Assessments
 - Water Body Assessment
 - Air, Noise, Dust
 - Sewage and Stormwater Management
 - List of Potential Provincial Permits and Authorizations
 - List of key Municipal Permits and Authorizations

- Consultation with the Aboriginal communities, public, municipalities, and review agencies, is an integral part of the LRP and REA processes
- OPG has been consulting with local Aboriginal communities at the outset and is now in the process of consulting with the municipality and immediate neighbours
- Project information available at www.nanticokesolar.com
- OPG appreciates and encourages public input and welcomes questions and feedback throughout the process

- Aboriginal and Stakeholder Community Engagement Plans are posted on the Project Website
- Project E-mail: info@nanticokesolar.com
- Public Community Meeting (June 3)
 - Provide a general overview of the Project, LRP, and REA
 - Provide a face-to-face opportunity to answer any questions and receive feedback from participants
- Second Public Community Meeting if OPG is successful in LRP bid process – likely early 2016– project update

- OPG is interested in pursuing a partnership with First Nations for LRP 1
- LRP 1 timetable and requirements
- Your Approval process?
- Further partnership discussions?
 - When
 - Who

- OPG will proceed to submit a bid to LRP I and to submit an application for a REA
- We will continue public consultation activities throughout the course of the LRP I and REA processes
- Details on the LRP process can be found at <http://www.ieso.ca/Pages/Participate/Generation-Procurement/Large-Renewable-Procurement/Program-Resources.aspx>
- Details on the REA process can be found at <http://www.ontario.ca/environment-and-energy/renewable-energy-approvals>





Nanticoke Solar Project

Presented to: Mississaugas of New Credit

June 3, 2015

ONTARIO **POWER**
GENERATION

- Meeting Objectives
- Who is OPG?
- Potential Solar Opportunity
- Proposed Nanticoke Solar Project
- Site Location Plan
- Large Renewable Procurement (LRP) Background
- LRP Timeline
- Renewable Energy Approval (REA) and Project Description Report
- Community Engagement Activities
- Next Steps
- Discussion and Questions

- To update the community on the proposed OPG Nanticoke Solar Project, and the related processes that are taking place
 - Large Renewable Procurement (LRP I)
 - Renewable Energy Approval (REA)
- Public consultation will occur throughout both concurrent processes
- OPG would like to understand your interests, concerns, input, questions, ideas
- Your interests in partnering?

OPG was created in 1999 from the assets of Ontario Hydro



OPG's generating portfolio has a total capacity of over 16,000 megawatts (MW)

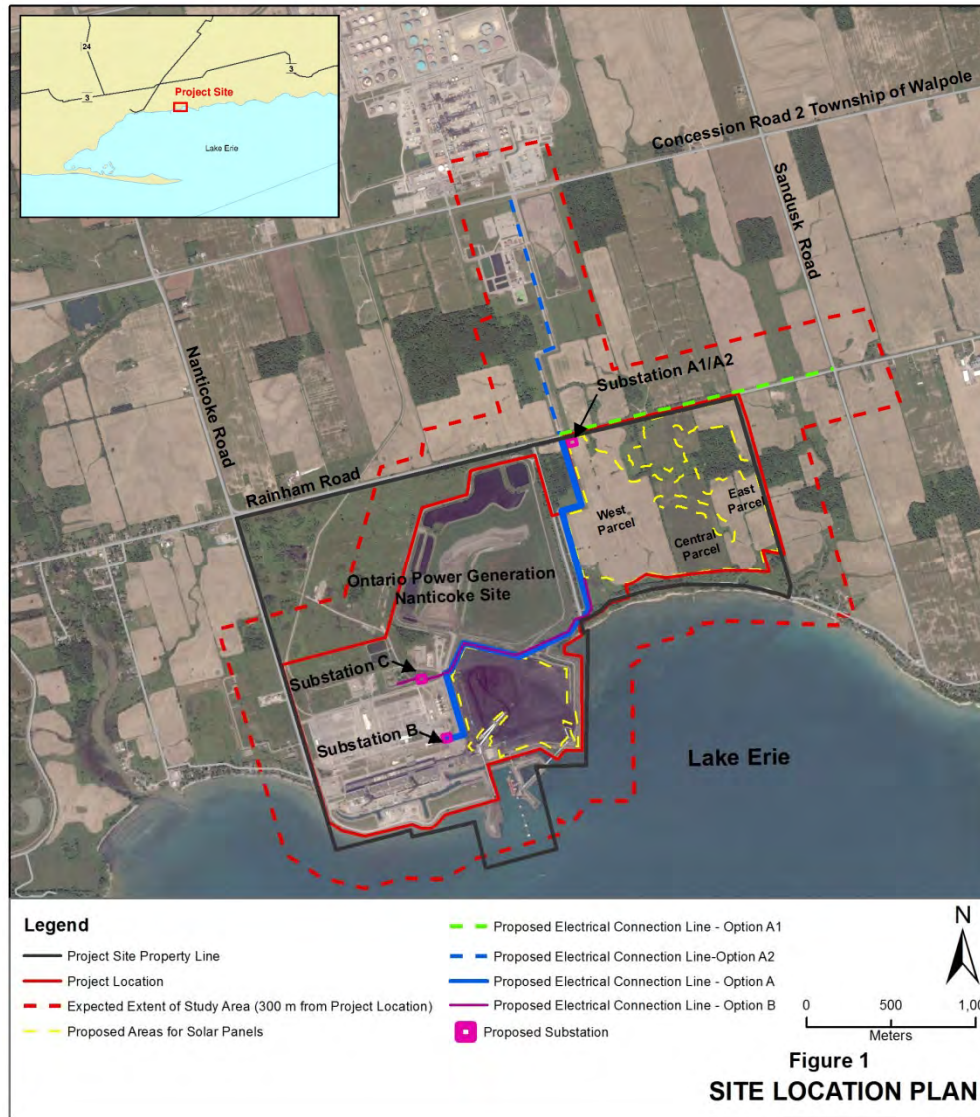
- 2 Nuclear stations
- 3 Thermal stations
- 65 Hydroelectric stations

- OPG is proposing to design, build and operate up to a 50 MW Solar Energy Project in Haldimand County

- Solar power generation facility – use photovoltaic (PV) panels to absorb sunlight as a source of energy and convert it into electricity

- To be located on 4 land parcels at:
 - Existing OPG Nanticoke GS site
 - Additional lands OPG owns
 - Adjacent lands OPG plans to lease

Site Location Plan- need to get new map



Large Renewable Procurement (LRP) Background

- Solar generation in Ontario will grow from 2% of installed capacity in 2013 to 8% in 2025.
- The Ministry of Energy has directed the Ontario Power Authority (OPA), now part of the Independent Electricity System Operator (IESO) to develop a Large Renewable Procurement (LRP) program for projects over 500 kW in which OPG can participate.

LTEP - Renewable Energy Competitive Procurement Targets (Ministry of Energy, 2013)				
	Wind	Solar	Bioenergy	Hydroelectric
LRP I (2014-2015)	300 MW	140 MW	50 MW	75 MW
LRP II (2015-2016)	300 MW	140 MW	50 MW	45 MW
LRP III (2016)	TBD	TBD	TBD	TBD

TBD based on capacity re-allocated from projects not procured or developed through previous procurements.

- The Solar procurement process is highly competitive with 32 applicants qualifying to submit proposals into the LRP.
- Multi-faceted evaluation criteria

The LRP timeline is tight for all participants:

November 4, 2014	<i>OPG Qualified to submit into Request for Proposal (RFP)</i>
March 10, 2015	<i>Release of Final LRP I RFP and LRP I Contract</i>
December 2014 to end of project	Initiate Aboriginal Consultation that will be ongoing to the end of the REA Process
June 10, 2015	Public Engagement Meeting #1
August 7, 2015	Registration Deadline
September 1, 2015	Proposal Submission Deadline
December 2015	IESO Contract award
March 2016	Public Engagement Meeting #2 (if successful)
2019	Project in service

- O.Reg. 359/09 under the *Environmental Protection Act*
- Required approval from the Ministry of the Environment and Climate Change (MOECC)
- Nanticoke Solar Project classified as a Class 3 Solar Facility .
 - PV modules on any location other than a wall or roof of a building that is greater than 10kW; Class 1 and 2 do not need REA approval
- Recently completed Draft Project Description

- Technical Information
- Potential Environmental Effects
 - Cultural and Archaeological Assessments
 - Natural Heritage Assessments
 - Water Body Assessment
 - Air, Noise, Dust
 - Sewage and Stormwater Management
 - List of Potential Provincial Permits and Authorizations
 - List of key Municipal Permits and Authorizations

- Consultation with the Aboriginal communities, public, municipalities, and review agencies, is an integral part of the LRP and REA processes
- OPG has been consulting with local Aboriginal communities at the outset and is now in the process of consulting with the municipality and immediate neighbours
- Project information available at www.nanticokesolar.com
- OPG appreciates and encourages public input and welcomes questions and feedback throughout the process

- Aboriginal and Stakeholder Community Engagement Plans are posted on the Project Website
- Project E-mail: info@nanticokesolar.com
- Public Community Meeting (June 3)
 - Provide a general overview of the Project, LRP, and REA
 - Provide a face-to-face opportunity to answer any questions and receive feedback from participants
- Second Public Community Meeting if OPG is successful in LRP bid process – likely early 2016– project update

- OPG is interested in pursuing a partnership with First Nations for LRP 1
- LRP 1 timetable and requirements
- Your Approval process?
- Further partnership discussions?
 - When
 - Who

- OPG will proceed to submit a bid to LRP I and to submit an application for a REA
- We will continue public consultation activities throughout the course of the LRP I and REA processes
- Details on the LRP process can be found at <http://www.ieso.ca/Pages/Participate/Generation-Procurement/Large-Renewable-Procurement/Program-Resources.aspx>
- Details on the REA process can be found at <http://www.ontario.ca/environment-and-energy/renewable-energy-approvals>





Nanticoke Solar Project

Presented to: Six Nations

June 4, 2015

ONTARIO **POWER**
GENERATION

- Meeting Objectives
- Who is OPG?
- Potential Solar Opportunity
- Proposed Nanticoke Solar Project
- Site Location Plan
- Large Renewable Procurement (LRP) Background
- LRP Timeline
- Renewable Energy Approval (REA) and Project Description Report
- Community Engagement Activities
- Next Steps
- Discussion and Questions

- To update the community on the proposed OPG Nanticoke Solar Project, and the related processes that are taking place
 - Large Renewable Procurement (LRP I)
 - Renewable Energy Approval (REA)
- Public consultation will occur throughout both concurrent processes
- OPG would like to understand your interests, concerns, input, questions, ideas
- Your interests in partnering?

OPG was created in 1999 from the assets of Ontario Hydro



OPG's generating portfolio has a total capacity of over 16,000 megawatts (MW)

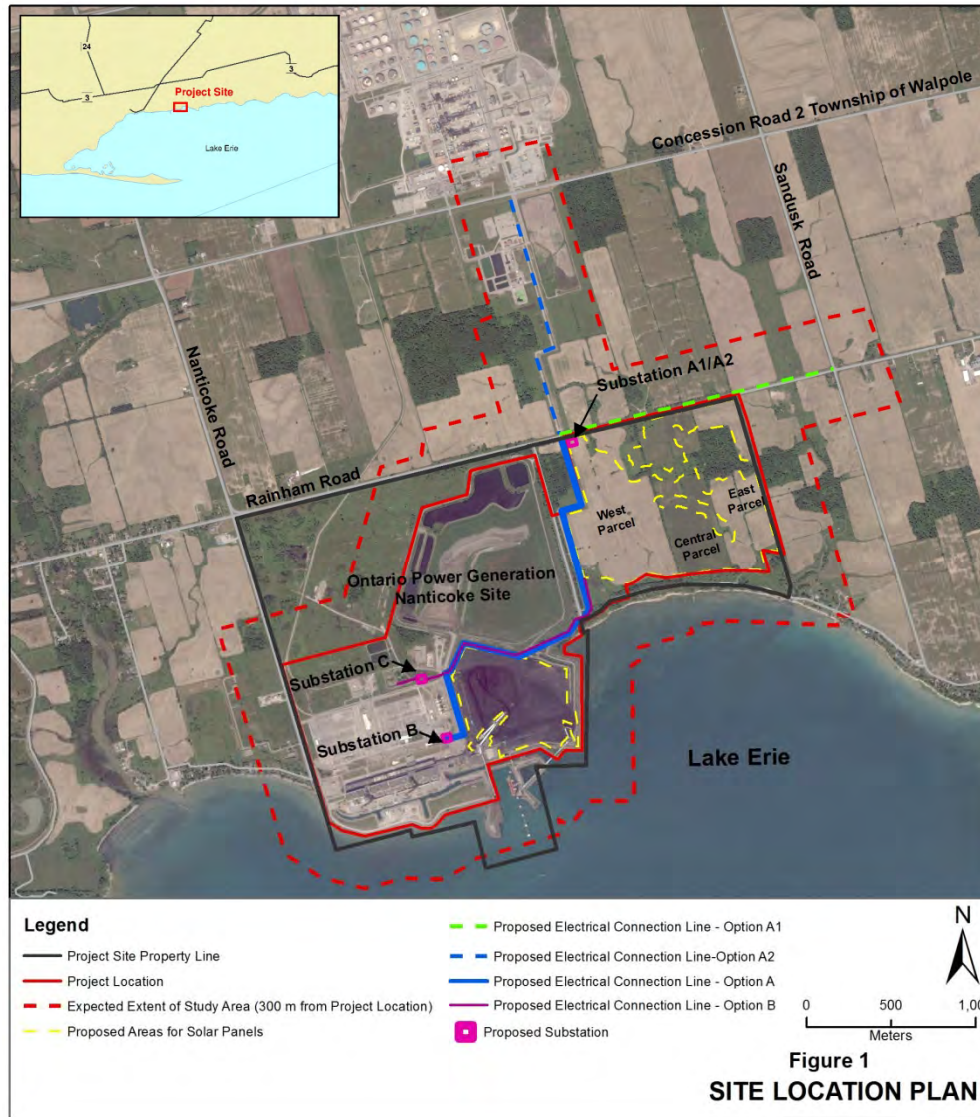
- 2 Nuclear stations
- 3 Thermal stations
- 65 Hydroelectric stations

- OPG is proposing to design, build and operate up to a 50 MW Solar Energy Project in Haldimand County

- Solar power generation facility – use photovoltaic (PV) panels to absorb sunlight as a source of energy and convert it into electricity

- To be located on 4 land parcels at:
 - Existing OPG Nanticoke GS site
 - Additional lands OPG owns
 - Adjacent lands OPG plans to lease

Site Location Plan- need to get new map



Large Renewable Procurement (LRP) Background

- Solar generation in Ontario will grow from 2% of installed capacity in 2013 to 8% in 2025.
- The Ministry of Energy has directed the Ontario Power Authority (OPA), now part of the Independent Electricity System Operator (IESO) to develop a Large Renewable Procurement (LRP) program for projects over 500 kW in which OPG can participate.

LTEP - Renewable Energy Competitive Procurement Targets (Ministry of Energy, 2013)				
	Wind	Solar	Bioenergy	Hydroelectric
LRP I (2014-2015)	300 MW	140 MW	50 MW	75 MW
LRP II (2015-2016)	300 MW	140 MW	50 MW	45 MW
LRP III (2016)	TBD	TBD	TBD	TBD

TBD based on capacity re-allocated from projects not procured or developed through previous procurements.

- The Solar procurement process is highly competitive with 32 applicants qualifying to submit proposals into the LRP.
- Multi-faceted evaluation criteria

The LRP timeline is tight for all participants:

November 4, 2014	<i>OPG Qualified to submit into Request for Proposal (RFP)</i>
March 10, 2015	<i>Release of Final LRP I RFP and LRP I Contract</i>
December 2014 to end of project	Initiate Aboriginal Consultation that will be ongoing to the end of the REA Process
June 10, 2015	Public Engagement Meeting #1
August 7, 2015	Registration Deadline
September 1, 2015	Proposal Submission Deadline
December 2015	IESO Contract award
March 2016	Public Engagement Meeting #2 (if successful)
2019	Project in service

- O.Reg. 359/09 under the *Environmental Protection Act*
- Required approval from the Ministry of the Environment and Climate Change (MOECC)
- Nanticoke Solar Project classified as a Class 3 Solar Facility .
 - PV modules on any location other than a wall or roof of a building that is greater than 10kW; Class 1 and 2 do not need REA approval
- Recently completed Draft Project Description

- Technical Information
- Potential Environmental Effects
 - Cultural and Archaeological Assessments
 - Natural Heritage Assessments
 - Water Body Assessment
 - Air, Noise, Dust
 - Sewage and Stormwater Management
 - List of Potential Provincial Permits and Authorizations
 - List of key Municipal Permits and Authorizations

- Consultation with the Aboriginal communities, public, municipalities, and review agencies, is an integral part of the LRP and REA processes
- OPG has been consulting with local Aboriginal communities at the outset and is now in the process of consulting with the municipality and immediate neighbours
- Project information available at www.nanticokesolar.com
- OPG appreciates and encourages public input and welcomes questions and feedback throughout the process

- Aboriginal and Stakeholder Community Engagement Plans are posted on the Project Website
- Project E-mail: info@nanticokesolar.com
- Public Community Meeting (June 3)
 - Provide a general overview of the Project, LRP, and REA
 - Provide a face-to-face opportunity to answer any questions and receive feedback from participants
- Second Public Community Meeting if OPG is successful in LRP bid process – likely early 2016– project update

- OPG is interested in pursuing a partnership with First Nations for LRP 1
- LRP 1 timetable and requirements
- Your Approval process?
- Further partnership discussions?
 - When
 - Who

- OPG will proceed to submit a bid to LRP I and to submit an application for a REA
- We will continue public consultation activities throughout the course of the LRP I and REA processes
- Details on the LRP process can be found at <http://www.ieso.ca/Pages/Participate/Generation-Procurement/Large-Renewable-Procurement/Program-Resources.aspx>
- Details on the REA process can be found at <http://www.ontario.ca/environment-and-energy/renewable-energy-approvals>



From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: November 4, 2016 11:09 AM
To: 'Fawn Sault' <Fawn.Sault@newcreditfirstnation.com>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; Shantz, Phil <Phil.Shantz@arcadis.com>; DiGiuseppe, Marilena <Marilena.DiGiuseppe@arcadis.com>
Subject: Nanticoke Solar REA Reports

Dear Fawn

Hi Hope you are doing well. This is just a heads up that my consultant will be couriering out the Nanticoke Solar Reports to your attention today via courier. In case you want to access them ahead of time the drop box link below will allow you to do so.

<https://www.dropbox.com/sh/n0w8uj20bop3d3r/AABSAjAkHZ9jgTJiiVU9xmgJa?dl=0>

We have provided this information to the municipality and to MNRF for their review. We will be circulating the reports to the public later in November. We will be issuing an ad in the paper telling them where they can access the reports and also informing them about a planned Open House in February.

Once the ad copy is available I will make sure you get an advance courtesy copy for your information. When you have had a chance to review the material, and if you would like my team to meet with you and or any community members I would be happy to work with you to organize a session that works for both of us.

Please give me a call at 416 592 3481 if you have any questions.

Best Regards

Gill



November 4, 2016

Fawn Sault, Consultation Manager
Mississaugas of New Credit First Nation
6 First Line Rd., Unit 1
R.R. #6
Hagersville, ON N0A 1H0

RE: REA REPORTS FOR MUNICIPAL REVIEW FOR REA (LRP1): NANTICOKE SOLAR

Dear Fawn,

I trust you are well. As discussed, please find enclosed, for review by the Mississaugas of New Credit First Nation, hard copies of the draft REA reports prepared for submission under the Ministry of Environment & Climate Change's (MOECC) Renewable Energy Approval (REA) process.

Enclosed are the following draft hard copies of the REA reports, prepared by Nanticoke Solar LP for the Nanticoke Solar Project:

- Draft Project Description Report
- Draft Construction Plan Report
- Draft Design and Operations Report
- Draft Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Report on the Stage 1 & 2 Archaeological Assessment in Support of the Nanticoke Solar Project
- Draft Natural Heritage Assessment and Environmental Impact Study
- Draft Water Assessment and Water Body Report
- Draft Acoustic Assessment Report
- Draft Conceptual Stormwater Management Plan Report

We have also enclosed a CD with these files in electronic format. If you have any questions, I can be reached at 416-592-3481.

Nanticoke Solar is looking forward to continuing to dialogue with you and would be pleased to meet with you and your community to discuss these reports. Please let me know if you are interested in a meeting.

Best Regards,

Gillian MacLeod
Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC: Simon Gill, Project Manager, Nanticoke Solar
Matt Jamieson, Six Nations Development Corporation
Phil Shantz, Project Manager, Arcadis

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: November 4, 2016 11:11 AM
To: 'Joanne Thomas' <jthomas@sixnations.ca>
Cc: 'Matt Jamieson' <mjamieson@sndevcorp.ca>; GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>;
Shantz, Phil <Phil.Shantz@arcadis.com>; DiGiuseppe, Marilena <Marilena.Digiuseppe@arcadis.com>
Subject: Nanticoke Solar REA Reports

Dear Joanne

Hi Hope you are doing well. This is just a heads up that my consultant will be couriering out the Nanticoke Solar Reports to your attention today via courier. In case you want to access them ahead of time the drop box link below will allow you to do so.

<https://www.dropbox.com/sh/n0w8uj20bop3d3r/AABSAjAkHZ9jgTJiiVU9xmgJa?dl=0>

We have provided this information to the municipality and to MNRF for their review. We will be circulating the reports to the public later in November. We will be issuing an ad in the paper telling them where they can access the reports and also informing them about a planned Open House in February.

Once the ad copy is available I will make sure you get an advance courtesy copy for your information.

When you have had a chance to review the material, and if you would like my team to meet with you and or any community members I would be happy to work with you to organize a session that works for both of us.

Please give me a call at 416 592 3481 if you have any questions.

Best Regards

Gill



November 4, 2016

Joanne Thomas, Consultation Supervisor
Six Nations of the Grand River
1695 Chiefswood Rd.
Ohsweken, Ontario N0A 1M0

RE: REA REPORTS FOR MUNICIPAL REVIEW FOR REA (LRP1): NANTICOKE SOLAR

Dear Joanne,

As discussed, please find enclosed, for review by Six Nations of the Grand River, hard copies of the draft REA reports prepared for submission under the Ministry of Environment & Climate Change's (MOECC) Renewable Energy Approval (REA) process.

Enclosed are the following draft hard copies of the REA reports, prepared by Nanticoke Solar LP for the Nanticoke Solar Project:

- Draft Project Description Report
- Draft Construction Plan Report
- Draft Design and Operations Report
- Draft Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Report on the Stage 1 & 2
Archaeological Assessment in Support
of the Nanticoke Solar Project
- Draft Natural Heritage Assessment
and Environmental Impact Study
- Draft Water Assessment and Water
Body Report
- Draft Acoustic Assessment Report
- Draft Conceptual Stormwater
Management Plan Report

We have also enclosed a CD with these files in electronic format. If you have any questions, I can be reached at 416-592-3481.

Nanticoke Solar is looking forward to continuing to dialogue with you and would be pleased to meet with you and your community to discuss these reports. Please let me know if you are interested in a meeting.

Best Regards,

Gillian MacLeod
Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC: Simon Gill, Project Manager, Nanticoke Solar
Matt Jamieson, Six Nations Development Corporation
Phil Shantz, Project Manager, Arcadis

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: November 4, 2016 11:13 AM
To: Hohahas Jock Hill <jocko@sixnationsns.com>
Cc: 'Matt Jamieson' <mjamieson@sndevcorp.ca>; GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>;
Shantz, Phil <Phil.Shantz@arcadis.com>; DiGiuseppe, Marilena <Marilena.Digiuseppe@arcadis.com>
Subject: Nanticoke Solar REA Reports

Dear Mr, Hill

This is just a heads up that my consultant will be couriering out the Nanticoke Solar Reports to your attention today via courier. In case you want to access them ahead of time the drop box link below will allow you to do so.

<https://www.dropbox.com/sh/n0w8uj20bop3d3r/AABSAjAkHZ9jgTJiiVU9xmgJa?dl=0>

We have provided this information to the municipality and to MNRF for their review. We will be circulating the reports to the public later in November. We will be issuing an ad in the paper telling them where they can access the reports and also informing them about a planned Open House in February.

Once the ad copy is available I will make sure you get an advance courtesy copy for your information.

When you have had a chance to review the material, and if you would like my team to meet with you and or any community members I would be happy to work with you to organize a session that works for both of us.

Please give me a call at 416 592 3481 if you have any questions.

Best Regards

Gill



November 4, 2016

Hohahe-Leroy Hill
Haudenosaunee Development Institute
PO Box 714
16 Sunrise Court, Suite 407
Ohsweken, Ontario N0A 1M0

RE: REA REPORTS FOR MUNICIPAL REVIEW FOR REA (LRP1): NANTICOKE SOLAR

Dear Mr. Hill,

Please find enclosed, for review by the Haudenosaunee Development Institute, hard copies of the draft REA reports prepared for submission under the Ministry of Environment & Climate Change's (MOECC) Renewable Energy Approval (REA) process.

Enclosed are the following draft hard copies of the REA reports, prepared by Nanticoke Solar LP for the Nanticoke Solar Project:

- Draft Project Description Report
- Draft Construction Plan Report
- Draft Design and Operations Report
- Draft Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Report on the Stage 1 & 2
Archaeological Assessment in Support
of the Nanticoke Solar Project
- Draft Natural Heritage Assessment
and Environmental Impact Study
- Draft Water Assessment and Water
Body Report
- Draft Acoustic Assessment Report
- Draft Conceptual Stormwater
Management Plan Report

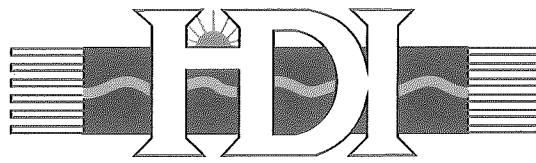
We have also enclosed a CD with these files in electronic format. If you have any questions, I can be reached at 416-592-3481.

Nanticoke Solar is looking forward to continuing to dialogue with you and would be pleased to meet with you and your community to discuss these reports. Please let me know if you are interested in a meeting.

Best Regards,

Gillian MacLeod
Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC: Simon Gill, Project Manager, Nanticoke Solar
Matt Jamieson, Six Nations Development Corporation
Phil Shantz, Project Manager, Arcadis



Haudenosaunee Development Institute

November 21, 2016

Gillian MacLeod
Sr. Environmental Advisor
Corporate Business Development
Ontario Power Generation
700 University Avenue; H18D16
Toronto, ON
M5G 1X6

Dear Ms. MacLeod:

**RE: REA Reports for Municipal Review for REA (LRP1): Nanticoke Solar
Our File No.:030-098-001**

Thank you for yours of November 4, 2016.

As you are aware the Haudenosaunee Confederacy Chiefs Council (HCCC) have directed the Haudenosaunee Development Institute (HDI) to address development of Projects on lands where the Haudenosaunee hold rights and interests.

As you are also aware through our earlier meetings your proposed Project represents a significant impairment of Haudenosaunee rights and interests upon, inter alia, unsundered title interest to the lands you propose to develop.

We note that there is a significant amount of material to review and we can advise that you have not submitted an application with the associated fee which would allow us the opportunity to meaningfully review the Project.

We have attached our application and please note the \$7000 fee that is associated with the review of the material. At the same time, we normally enter into an engagement agreement to discuss how and when a Project will obtain consent of the HCCC and/or justify the infringement.

We would like to meet with you at your earliest opportunity to determine if Nanticoke Solar is going to be entering into the engagement agreement process.

OUR LAND, OUR LAW, OUR PEOPLE, OUR FUTURE

We would also ask that you send us the pro forma on this Project as well as the ownership information for Nanticoke Solar as well as advise on the status of the Project vis a vis Nanticoke Solar obligations with respect to obtaining the necessary permits and licenses from the Province of Ontario.

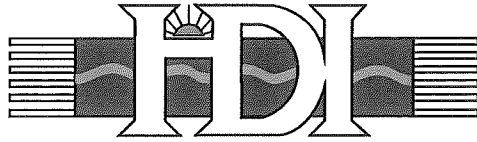
Yours truly,



Hazel E. Hill
Director



Attach (1)



Haudenosaunee Development Institute

Our Land, Our Law, Our People, Our Future

APPLICATION FOR CONSIDERATION AND ENGAGEMENT FOR DEVELOPMENT

NOTE: *This application to be completed in quadruplicate.*

SECTION 1: APPLICANT INFORMATION

1.1 Name of applicant and full mailing address:

Tel: _____

Fax No.: _____

1.2 Name of Registered owner(s) of subject land(s) and mailing address:

1.3 Party who is to be contacted about the application (check one):

Applicant Agent, Planning Consultant Owner Surveyor

Name and address:

Tel: _____

Fax No.: _____

Email: _____

SECTION 2: LOCATION OF LANDS PROPOSED TO BE DEVELOPED

2.1 Municipal address:

2.2 Legal description (please attach survey):

2.3 Maps (please attach):

SECTION 3: PROPOSED AND CURRENT LAND USE

3.1 Current land use: (i.e. Agricultural, residential, commercial, industrial, other):

3.2 Proposed use of subject land:

3.3 Are there any buildings or structures on the lands proposed to be developed?

If yes, are these buildings to be retained, demolished or otherwise removed?

SECTION 4: ADDITIONAL INFORMATION FOR THE SITE

4.1 Current zoning: _____

SECTION 5: ARCHAEOLOGY

5.1 Have any archaeology studies been completed? If yes please attach.

5.2 If no archaeology studies have been undertaken to date are any archaeology studies planned? Please include any relevant details.

SECTION 6: ENVIRONMENTAL ASSESSMENT

6.1 Have any environmental assessments been completed? If yes please attach.

6.2 If no environmental assessments have been undertaken to date are any environmental assessments planned? Please include any relevant details.

SECTION 7: LAND TITLE

7.1 Please provide details and a history of the title including any information on the initial Crown patent and how the Crown obtained such patent.

SECTION 8: TIME FRAME

8.1 Please set out the scheduling proposed for the project and any significant dates.

SECTION 9: OTHER PERMITS, LICENCES AND/OR APPROVALS

9.1 Please provide details with respect to any other permits, licences and/or approvals which the Applicant is seeking for the project from any municipal, provincial and/or federal authority.

SECTION 10: APPLICATION FEE

10.1 An application fee is enclosed in the amount of \$_____ on the basis that the cost of the proposed project is:

- Less than \$300,000 (fee of \$3,000)
- Greater than \$300,000 but less than \$500,000 (fee of \$5,000)
- Greater than or equal to \$500,000 (fee of \$7,000)

SECTION 11: OTHER INFORMATION

11.1 The HDI reserves the right to request such other information as it deems necessary in its sole discretion to process this application.

SECTION 12: FORM OF APPLICATION

12.1 This form is provided for information purposes and requests the minimal information required to process an application. An applicant is free to amend the form as necessary and include such other information as necessary.

12.2 Application is to be provided to:

Haudenosaunee Development Institute
16 Sunrise Court, Suite 407
P.O. Box 714
Ohsweken, Ontario
N0A 1M0
Tel: 519.445.4222

SECTION 13: SIGNATURE OF APPLICANT

Name of Applicant:

Signature of Applicant:

Dated this _____ day of _____, 20____.

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: November 23, 2016 3:59 PM
To: 'Fawn Sault' <Fawn.Sault@newcreditfirstnation.com>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; Shantz, Phil <Phil.Shantz@arcadis.com>; DiGiuseppe, Marilena <Marilena.DiGiuseppe@arcadis.com>
Subject: Nanticoke Solar Update

Dear Fawn,

I just wanted to keep you in the loop, and to give you a quick update to let you know that in addition to sending you the REA reports the municipality got them early in November.

We are now ready for the Public review. All reports have been sent to the 3 public locations- namely the Cayuga Municipal office, the Clerk's Office and the Jarvis branch of the library. The web site has been updated and all reports are available on line -in time for the AD that will show tomorrow .

As a courtesy, I am attaching a copy of the ad. It will appear in the Grand River Sachem and the Haldimand Press on November 24th and Dec 1st. 2016.

If you or anyone in the community want to access an electronic copy they can go to the project webstie: www.nanticokesolar.com<<http://www.nanticokesolar.com>>

By the way, subsequent to us completing the noise report, MOECC asked if we would undertake some additional scenarios which we did. This updated report is on the website. If you want a hard copy delivered, let me know.

If you have any questions, please let me know. 416 592 3481

Gillian MacLeod
Sr. Environmental Advisor

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: November 23, 2016 4:01 PM
To: MACLEOD Gillian -ENVIRONMENT <gillian.macleod@opg.com>; 'Joanne Thomas'
<jthomas@sixnations.ca>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; DiGiuseppe, Marilena
<Marilena.Digiuseppe@arcadis.com>
Subject: RE: Nanticoke Solar - Update additional update

Joanne,

Sorry I hit the send button too quickly, I just also wanted to point out that subsequent to us completing the noise report early in November, MOECC asked if we would undertake some additional scenarios which we did. This updated report is on the website. If you want a hard copy delivered, let me know.

Regards

Gillian

From: MACLEOD Gillian -ENVIRONMENT
Sent: Wednesday, November 23, 2016 3:49 PM
To: 'Joanne Thomas'
Cc: GILL Simon -CBUSDEV&STRT; 'DiGiuseppe, Marilena'
Subject: Nanticoke Solar - Update

I Joanne

I just wanted to keep you in the loop, and to give you a quick update to let you know that in addition to sending you the REA reports the municipality got them early in November.

We are now ready for the Public review. All reports have been sent to the 3 public locations- namely the Cayuga Municipal office, the Clerk's Office and the Jarvis branch of the library. The web site has been updated and all reports are available on line -in time for the AD that will show tomorrow . << File: TK100005_OPG_GrandRiver_NanticokeSolarProject_Ad[1].pdf >>

As a courtesy, I am attaching a copy of the ad. It will appear in the Grand River Sachem and the Haldimand Press on November 24th and Dec 1st. 2016.

If you or anyone in the community want to access an electronic copy they can go to the project website: www.nanticokesolar.com<<http://www.nanticokesolar.com>>

If you have any questions, please let me know. 416 592 3481

Gill

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: November 23, 2016 4:03 PM
To: 'Hohahes Jock Hill' <jocko@sixnationsns.com>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; Shantz, Phil <Phil.Shantz@arcadis.com>; DiGiuseppe, Marilena <Marilena.DiGiuseppe@arcadis.com>
Subject: RE: Nanticoke Solar - Update

Dear Jock

Sorry I hit the send button too quickly, I just also wanted to point out that subsequent to us completing the noise report early in November, MOECC asked if we would undertake some additional scenarios which we did. This updated report is on the website. If you want a hard copy delivered, let me know.

Regards

Gillian

From: MACLEOD Gillian -ENVIRONMENT
Sent: Wednesday, November 23, 2016 3:51 PM
To: Hohahes Jock Hill
Cc: GILL Simon -CBUSDEV&STRT; 'Shantz, Phil'; 'DiGiuseppe, Marilena'
Subject: Nanticoke Solar - Update

Dear Jock

I just wanted to keep you in the loop, and to give you a quick update to let you know that in addition to sending you the REA reports the municipality got them early in November.

We are now ready for the Public review. All reports have been sent to the 3 public locations- namely the Cayuga Municipal office, the Clerk's Office and the Jarvis branch of the library.

The web site has been updated and all reports are available on line -in time for the AD that will show tomorrow . << File: TK100005_OPG_GrandRiver_NanticokeSolarProject_Ad[1].pdf >>

As a courtesy, I am attaching a copy of the ad. It will appear in the Grand River Sachem and the Haldimand Press on November 24th and Dec 1st. 2016.

If you or anyone in the community want to access an electronic copy they can go to the project website: www.nanticokesolar.com<<http://www.nanticokesolar.com>>

If you have any questions, please let me know. 416 592 3481

Gillian MacLeod
Sr. Environmental Advisor

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: December 2, 2016 10:06 AM
To: 'Fawn Sault' <Fawn.Sault@newcreditfirstnation.com>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; Shantz, Phil <Phil.Shantz@arcadis.com>; DiGiuseppe, Marilena <Marilena.DiGiuseppe@arcadis.com>
Subject: Follow up from the REA Reports circulated for Nanticoke Solar

Hi Fawn,

I hope you are doing well.

I tried to call and leave a VM but your inbox was full and I understand you are not in today-so I am just sending an email instead.

I am just following up on the REA Reports we sent earlier in November. The Public Ads went out Nov 24 and Dec 1 (I sent you copies of that before the ads went out.)

I wanted to find out if you or your team would like us to review any of the reports with you, or make any presentations on the REA work done to date. We are planning a Public Open House on Feb 2 2017 as noted in the ad, and certainly my team would be willing to meet with you or your team before that date. I suspect that such a meeting would be held in January 2017.

Please let me know if you are interested in such a meeting. As well if there are any questions on the materials sent, please do not hesitate to let me know

Looking forward to hearing back from you

Have a great day

Gillian

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]

Sent: December 2, 2016 10:02 AM

To: 'Joanne Thomas' <jthomas@sixnations.ca>

Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; 'Matt Jamieson' <mjamieson@sndevcorp.ca>;

Shantz, Phil <Phil.Shantz@arcadis.com>; DiGiuseppe, Marilena <Marilena.Digiuseppe@arcadis.com>

Subject: Follow up on the REA Reports circulated in November

Good Morning Joanne,

I hope you are doing well.

I am just following up on the REA Reports we sent earlier in November. The Public Ads went out Nov 24 and Dec 1 (I sent you copies of that before the ads went out.)

I wanted to find out if you or your team would like us to review any of the reports with you, or make any presentations on the REA work done to date. We are planning a Public Open House on Feb 2 2017 as noted in the ad, and certainly my team would be willing to meet with you or your team before that date. I suspect that such a meeting would be held in January 2017.

Please let me know if you are interested in such a meeting. As well if there are any questions on the materials sent, please do not hesitate to let me know

Looking forward to hearing back from you

Have a great day

Gillian

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: December 2, 2016 10:08 AM
To: Hohahas Jock Hill <jocko@sixnationsns.com>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; Shantz, Phil <Phil.Shantz@arcadis.com>;
DiGiuseppe, Marilena <Marilena.DiGiuseppe@arcadis.com>
Subject: Followup on REA Report circulation

Dear Mr. Hill,

I am just following up on the REA Reports we sent earlier in November. The Public Ads went out Nov 24 and Dec 1 (I sent you copies of that before the ads went out.)

I wanted to find out if HDI would like us to review any of the reports with you, or make any presentations on the REA work done to date. We are planning a Public Open House on Feb 2 2017 as noted in the ad, and certainly my team would be willing to meet with you before that date. I suspect that such a meeting would be held in January 2017.

Please let me know if you are interested in such a meeting. As well if there are any questions on the materials sent , please do not hesitate to let me know

Looking forward to hearing back from you

Gillian MacLeod

Sr. Environmental Advisor

Nanticoke Solar



January 11, 2017

VIA EMAIL AND COURIER

Ms. Hazel Hill
Haudenosaunee Development Institute
16 Sunrise Court, Suite 407, P.O. Box 714
Ohsweken, ON N0A 1M0

Mr. Hohahes-Leroy Hill
Haudenosaunee Confederacy Chiefs Council
16 Sunrise Court, Suite 407, PO Box 714
Ohsweken, ON N0A 1M0

Mr. Hohahes-Leroy Hill
Haudenosaunee Confederacy Chiefs Council
2634 6th Line RR2
Ohsweken, ON N0A 1M0

RE: NANTICOKE SOLAR - REA REPORTS FOR REVIEW

Dear Ms Hazel Hill and Mr. Hohahes-Leroy Hill,

This will acknowledge with thanks your letter from Ms. Hazel Hill dated November 21, 2016 addressed to Ms. MacLeod.

The letter indicates that the HCCC have directed the HDI to address development of projects on lands where the Haudenosaunee hold rights and interests. While requested, there has been no written confirmation from HCCC that this is how they would like to be consulted, so we feel it prudent to address all correspondence to both HDI and HCCC.

We acknowledge that there has been a fair bit of information shared with the HCCC/HDI and we acknowledge your request for funding through your application process. In order to facilitate the review of the package of REA Documents delivered to 16 Sunrise Court c/o Mr. Hohahes-Leroy Hill on November 4, 2016, and of the information contained within the completed form attached, we would like to commit to reimbursing the HCCC/HDI for their costs associated with their review, in an amount not exceeding \$7,000. Prior to issuing these funds, we will await receipt from the HCCC of a confirmation of acceptance of these funds for document review and a direction regarding the payee.

In accordance with section 12 of the HDI application enclosed with your letter, we have revised the form as necessary, and have included all of the project information requested. We look forward to meeting with you to discuss the proposed project or any of the studies and information previously provided.

Please feel free to contact Gillian MacLeod, Senior Environmental Advisor with Nanticoke Solar LP, at gillian.macleod@opg.com to arrange a mutually convenient time.

Sincerely yours,

Simon Gill
Nanticoke Solar LP

**NANTICOKE SOLAR PROJECT INFORMATION
FOR REVIEW BY HAUDENOSAUNEE CONFEDERACY CHIEFS COUNCIL**

SECTION 1: PROJECT OWNER INFORMATION

1.1 Name of project owner and full mailing address:

Nanticoke Solar LP
700 University Ave., Suite H18D21
Toronto, ON M5G 1X6

Nanticoke Solar LP is a partnership between Ontario Power Generation, SunEdison Canadian Construction LP and Six Nations Development Corporation.

Tel: 1-416-592-3481 (Gillian MacLeod)

Fax No.: N/A

E-mail address: gillian.macleod@opg.com

1.2 Name of Registered owner(s) of subject land(s) and mailing address:

The Project is located on four (4) parcels of property in Haldimand County, Ontario including the former Nanticoke G.S. site and lands adjacent. The four parcels of the project land are privately owned. Rights sufficient to use the lands for construction and operation of a solar electricity generation facility have been acquired by Nanticoke Solar LP through lease agreements with private landowners.

1.3 Party who is to be contacted about this project information (check one):

Project Owner Agent, Planning Consultant Surveyor

Name and address:

Gillian MacLeod, Senior Environmental Advisor
Nanticoke Solar LP
700 University Ave.,
Toronto, ON M5G 1X6

Tel: 1-416-592-3481

Fax No.: N/A – no fax number.

E-mail: gillian.macleod@opg.com

SECTION 2: LOCATION OF LANDS PROPOSED TO BE DEVELOPED

2.1 Municipal address:

Part of Lots 7, 8, 9, 10, 11 & 12, Concession 1, former Township of Walpole, Haldimand County, ON

2.2 Legal Description of Lands:

Part of Lots 7,8,9, Concession1, former township of Walpole, City of Nanticoke, regional Municipality of Haldimand-Norfolk, now in Haldimand County, Ontario.
Part Lot 10, Concession 1, former township of Walpole, city of Nanticoke, Regional Municipality of Haldimand-Norfolk, now in Haldimand County, Ontario.
Part of Lot 11, Concession 1, former Township of Walpole, City of Nanticoke, Regional Municipality of Haldimand-Norfolk, now in Haldimand County, Ontario.
Part of Lot 11 and Lot 12, Concession 1, former Township of Walpole, City of Nanticoke, Regional Municipality of Haldimand-Norfolk, now in Haldimand County, Ontario.

2.2 Maps:

The Nanticoke Solar Project Proposed Site Plan was delivered to the HCCC and HDI in hard and soft copy on November 4, 2016 as a component of the Draft REA Reports package, and is also located on our Nanticoke Solar project website at the following location:

http://nanticoke-solar.com/wp-content/uploads/2016/11/nanticoke-SITE_PLAN.jpg

SECTION 3: PROPOSED AND CURRENT LAND USE

3.1 Current land use: (i.e. Agriculture, residential, commercial, industrial, other): _____

The Official Plan designation for the lands is Major Industrial, and Mineral Aggregate Resource Areas.

3.2 Proposed use of subject land:

Nanticoke Solar is proposing to design, build and operate an up to 44 megawatts alternating current (MWac) solar electricity generation facility.

A detailed description of the proposed use is included within the Design & Operations Report submitted to HCCC and HDI in hard and soft copy November 4, 2016 as a component of the Draft REA Reports package, and is also located on our Nanticoke Solar project website at the following location:

<http://nanticoke-solar.com/wp-content/uploads/2015/04/NanticokeSolar-DesignandOperationsPlan.pdf>

3.3 Are there any buildings or structures on the lands proposed to be developed?

When Nanticoke Solar LP commences construction, there will not be any structures on the lands. If yes, are these buildings to be retained, demolished, or otherwise removed? _____

Not Applicable

SECTION 4: ADDITIONAL INFORMATION FOR THE SITE

4.1 Current Official Plan Designation:

The Haldimand County Official Plan designates the lands which are to be used for construction of the solar project as: Major Industrial, and Mineral Aggregate Resource Areas.

SECTION 5: ARCHAEOLOGY

5.1 Have any archaeology studies been completed? If yes, please attach.

The Stage 1 & 2 Archaeology Study Report was submitted to the HCCC/HDI in hard (printed) and soft copy (CD) on November 4, 2016 as a component of the Draft REA Reports package, and is also located on our Nanticoke Solar project website at the following location:

<http://nanticoke-solar.com/wp-content/uploads/2015/04/NanticokeSolar-ArchaeologicalAssessment-RRNanticokeStage2.pdf>

The work was completed throughout 2015 and 2016. Nanticoke Solar LP reached agreement with the Six Nations of the Grand River, the Mississaugas of the New Credit, and the Haudenosaunee Development Institute in 2015 for one archaeological monitor from each to attend and participate in the work. During the first component of the work in 2015, a monitor from HDI attended and participated and subsequently invoiced and was paid for their participation.

Further Archaeology work was required at two different times during 2016 and invitations were sent in advance of this work to each of the three First Nations who had previously participated, including to HCCC/HDI:

- An invitation was sent to HCCC/HDI May 2016 to participate in upcoming work. One monitor from HDI attended, but did not participate in the archaeological site work.
- An invitation was sent to HCCC/HDI September 2016 to participate in upcoming work. No response was received from HCCC/HDI, and no monitor attended.

In the event that any future work is required, invitations will be sent to the HCCC/HDI for a monitor to participate, and we welcome your continued participation.

5.2 If no archaeology studies have been undertaken to date are any archaeology studies planned? Please include any relevant details.

Nanticoke Solar LP is awaiting a response from the Ministry of Tourism, Culture and Sport regarding the above-referenced report, and the response may contain requirements for additional work.

SECTION 6: ENVIRONMENTAL ASSESSMENT

6.1 Have any environmental assessments been completed? If yes please attach.

Ontario Regulation (O. Reg.) 359/09 – Renewable Energy Approvals (REA) Under Part V.0.1 of the Act, came into force on September 24, 2009 and identifies the REA requirements for renewable energy generation facilities in Ontario. As per the REA Regulation (Part II, Section 4), ground mounted solar facilities with a nameplate capacity greater than 12 kilowatts (kW) are classified as Class 3 solar facilities and require an REA. An application for an REA has not yet been made by Nanticoke Solar LP but we anticipate making an application shortly.

In accordance with REA requirements, we delivered by courier hard and soft copies of all of the REA environmental reports to HCCC/HDI on November 4, 2016. Reports delivered include:

- Construction Plan Report
- Design and Operations Report
- Decommissioning Plan Report
- Cultural Heritage Assessment
- Archaeological Assessment (Stage 1&2)
- Natural Heritage Assessment
- Water Assessment
- Site-specific Noise Study Report
- Conceptual Stormwater Management Plan Report

They are also located on our project website at the following location:

<http://nanticoquesolar.com/rea-documents/>

6.2 If no environmental assessments have been undertaken to date are any environmental assessments planned? Please include any relevant details.

Not applicable.

SECTION 7: TIME FRAME

7.1 Please set out the scheduling proposed for the project and any significant dates.

The Power Purchase Agreement between the Independent Electricity System Operator (IESO) and Nanticoke Solar LP was executed in March 2016. Site studies were ongoing prior to this date, and are mostly complete. Draft REA Reports were completed and provided to the Municipality November 1, 2016, and to the public on November 18, 2016. Nanticoke Solar LP plans to make its REA submission to the Ministry of Environment and Climate Change in February 2017. Engineering and procurement is expected to take place during 2017, and construction of the solar project is expected to take place during 2018. Commercial Operation is expected prior to March 2019.

SECTION 9: OTHER PERMITS, LICENCES AND/OR APPROVALS

9.1 Please provide details with respect to any other permits, licences and/or approvals which the project owner is seeking for the project from any municipal, provincial and/or federal authority.

There is no expectation for requiring a federal environmental assessment under the Canadian Environmental Assessment Act. Nor is there any expectation for the requirement of federal permits or approvals under the Fisheries Act, Species at Risk Act or any other Act.

Additional permits, licences and approvals are expected to be required for this project, including: a Road Use Agreement with Haldimand County, road entrance permits from Haldimand County, a Generator Licence from the Ontario Energy Board, and interconnection authorizations with Hydro One and the IESO.

SECTION 10: FUNDING FOR REVIEW OF DOCUMENTS

10.1 The Project Owner commits to reimbursing the HCCC/HDI for their costs associated with their review of the package of REA Documents delivered on November 4, 2016, and of the information contained within this completed form, in an amount not exceeding \$7,000. Prior to issuing these funds we will await receipt from the HCCC of a confirmation of acceptance of these funds for document review and a direction regarding the payee.

SECTION 11: FORM OF PROJECT INFORMATION

11.1 This form is provided for information purposes. Project owners are free to amend the form as necessary and include such other information as necessary.

11.2 This form is to be provided to:

Haudenosaunee Confederacy Chiefs Council
Haudenosaunee Development Institute

Appendix D: Municipal Correspondence

Monday, 11 May 2015

Don Boyle
Chief Administrative Officer
Haldimand County
PO Box 400
45 Munsee Street North
Cayuga, ON, N0A 1E0

Dear Don Boyle,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. (“OPG”) or an associated Special Purpose Entity (referred to as OPG or the “Proponent”) has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO’s Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility. As part of the REA process, a draft project description report has been prepared and is attached for your review. In addition, as part of the LRP process, enclosed are site considerations information and the draft community engagement plan.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokeSolar.com. We also invite you to visit the project website at www.NanticokeSolar.com

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc
Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet
Draft Project Description Report
Draft Community Engagement Plan
Site Considerations Information

700 University Avenue Toronto, Ontario M5G 1X6

Monday, 11 May 2015

Ken Hewitt
Mayor
Haldimand County
PO Box 400, 45 Munsee Street North
Cayuga, ON, N0A 1E0

Dear Ken Hewitt,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO's Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility. As part of the REA process, a draft project description report has been prepared and is attached for your review. In addition, as part of the LRP process, enclosed are site considerations information and the draft community engagement plan.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokesolar.com. We also invite you to visit the project website at www.NanticokeSolar.com

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc
Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet
Draft Project Description Report
Draft Community Engagement Plan
Site Considerations Information

700 University Avenue Toronto, Ontario M5G 1X6

Monday, 11 May 2015

Evelyn Eichenbaum
Clerk
Haldimand County
PO Box 400, 45 Munsee Street North
Cayuga, ON, N0A 1E0

Dear Evelyn Eichenbaum,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. (“OPG”) or an associated Special Purpose Entity (referred to as OPG or the “Proponent”) has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO’s Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility. As part of the REA process, a draft project description report has been prepared and is attached for your review. In addition, as part of the LRP process, enclosed are site considerations information and the draft community engagement plan.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokeSolar.com. We also invite you to visit the project website at www.NanticokeSolar.com

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc
Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet
Draft Project Description Report
Draft Community Engagement Plan
Site Considerations Information

700 University Avenue Toronto, Ontario M5G 1X6

Monday, 11 May 2015

Keith Robicheau
County Manager
Norfolk County
50 Colborne Street South
Simcoe, ON, N3Y 4H3

Dear Keith Robicheau,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. (“OPG”) or an associated Special Purpose Entity (referred to as OPG or the “Proponent”) has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO’s Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility. As part of the REA process, a draft project description report has been prepared and is attached for your review. In addition, as part of the LRP process, enclosed are site considerations information and the draft community engagement plan.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokesolar.com. We also invite you to visit the project website at www.NanticokeSolar.com

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc
Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet
Draft Project Description Report
Draft Community Engagement Plan
Site Considerations Information

700 University Avenue Toronto, Ontario M5G 1X6

Monday, 11 May 2015

Charlie Luke
Mayor
Norfolk County
PO Box 545, 50 Colborne Street South
Simcoe, ON, N3Y 4N5

Dear Charlie Luke,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO's Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility. As part of the REA process, a draft project description report has been prepared and is attached for your review. In addition, as part of the LRP process, enclosed are site considerations information and the draft community engagement plan.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokesolar.com. We also invite you to visit the project website at www.NanticokeSolar.com

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc
Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet
Draft Project Description Report
Draft Community Engagement Plan
Site Considerations Information

700 University Avenue Toronto, Ontario M5G 1X6

Monday, 11 May 2015

Andy Grozelle
Clerk/Manager of Council Services
Norfolk County
PO Box 545, 50 Colborne Street South
Simcoe, ON, N3Y 4N5

Dear Andy Grozelle,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO's Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility. As part of the REA process, a draft project description report has been prepared and is attached for your review. In addition, as part of the LRP process, enclosed are site considerations information and the draft community engagement plan.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokesolar.com. We also invite you to visit the project website at www.NanticokeSolar.com

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc
Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet
Draft Project Description Report
Draft Community Engagement Plan
Site Considerations Information

September 21, 2015

Haldimand County
Cayuga Administrative Office
45 Munsee Street North
Cayuga, Ontario N0A 1E0

Dear Mayor Hewitt and Members of Council,

On behalf of Nanticoke Solar LP, I wish to express my sincere gratitude to all of you for providing the opportunity to make a deputation to Council on August 25th and further unanimously agreeing to hold a Special Council Meeting at 9 am on August 27th. I appreciate that holding a Special Council Meeting on such short notice required all of you to divert time away from your day jobs or significantly juggle your work day.

We are also very appreciative of Council voting to support our project through providing a Municipal Support Resolution and Adjacent Landowner Agreement. At the August 25th meeting you delegated authority to Don Boyle to finalize a Municipal Agreement – Community Vibrancy Fund Agreement which we amicably reached agreement on August 26th. Special recognition is due to Don for making that happen so efficiently. Without all of your support none of this would have happened in time to meet the Independent Electricity System Operator's (IESO) September 1st proposal submission deadline.

A proposal submission for Nanticoke Solar LP was made on September 1st. The IESO subsequently published the Registered Proponents List that indicated 103 Non-rooftop solar projects were submitted totaling up to 1,538 MW for a procurement of up to 140 MW. <http://www.ieso.ca/Documents/generation-procurement/lrp/lrp-1-final/LRP-1-RFP-Registered-Proponent-List-20150910.pdf?cldee=YW50aG9ueS56bGFodGJjQG9wZy5jb20%3d> The IESO has indicated that it is targeting December 2015 to notify successful proponents.

We will continue to provide you with any significant project updates and as well will continue to maintain and update the project website www.nanticokesolar.com. In the interim, if you have any questions please feel free to contact me via email: anthony.zlahtic@opg.com or via phone 416-592-5984.

Kindest Regards,



Anthony Zlahtic
Director, Business Development (Thermal)

c.c. Don Boyle – CAO, Haldimand County

September 18, 2015

Mr. Don Boyle
Chief Administrative Officer
Haldimand County
Cayuga Administrative Office
45 Munsee Street North
Cayuga, Ontario N0A 1E0

Ms. Evelyn Eichenbaum
Clerk
Haldimand County
Cayuga Administrative Office
45 Munsee Street North
Cayuga, Ontario N0A 1E0

Dear Don and Evelyn,

On behalf of Nanticoke Solar LP, I wish to express my sincere gratitude to you both for your professionalism and cooperation in enabling our project to obtain a Municipal Support Resolution, Municipal Agreement - Community Vibrancy Fund Agreement and Adjacent Landowner Agreement. Without your support none of this would have happened in time to meet the Independent Electricity System Operator's (IESO) September 1st proposal submission deadline.

We did make a proposal submission for Nanticoke Solar LP on September 1st. The IESO subsequently published the Registered Proponents List that indicated 103 Non-rooftop solar projects were submitted totaling up to 1,538 MW for a procurement of up to 140 MW. <http://www.ieso.ca/Documents/generation-procurement/lrp/lrp-1-final/LRP-I-RFP-Registered-Proponent-List-20150910.pdf?cldee=YW50aG9ueS56bGFodGliQG9wZy5jb20%3d>

As described in my presentation to Council on August 25th in order for a project to be successful will require an aggressive proposal price and all 100 of the rated criteria points (50 points for a Municipal Support Resolution, 30 points from having support from 75% of adjacent landowners and 20 points for having a First Nation partner with an economic interest). Obtaining 100 of the rated criteria points is a very high bar, particularly obtaining 75% adjacent landowner support considering that locating all of the adjacent landowners is difficult due to vacations or that they live remotely from the property adjacent to the project.

Working successfully with any municipality requires a number of key ingredients, namely quality and dedicated elected officials, strong staff leadership and quality staff. You exemplify the leadership needed for developers/proponents to work in a timely, respectful and trusting manner with the elected officials and County staff who all look to you for guidance. Haldimand County is a great place to do business in large part due to you.

Kindest Regards,



Anthony Zlahtic
Director, Corporate Development (Thermal)

Information request for Nanticoke Solar project

2 messages

Chris Uchiyama <cuheritage@gmail.com>
To: eeichenbaum@haldimandcounty.on.ca

8 August 2016 at 10:29

Good morning Ms. Eichenbaum,

I'm conducting a Cultural Heritage Assessment as part of the Renewable Energy approval process for the Nanticoke Solar Project, adjacent to the former Nanticoke Generating Station (<http://nanticoquesolar.com/>) on behalf of the proponent.

I understand that you were contacted last year regarding cultural heritage resources during the LRP (large renewable project) RFP (request for proposal) process.

At the time you noted that:

- there were no properties listed on the municipal heritage register or "List of Potential Heritage Significance" within 250 m of the project location;
- there were two properties designated under the Ontario Heritage Act (Christ Church 136 Rainham Rd, and Nanticoke and the Low Residence 2230 Haldimand Rd. 3) in the vicinity;
- there were no Heritage Conservation Districts under part V of the OHA; and,
- there was one provincial or federal plaque, "NANTICOKE" at the Nanticoke Community Hall, 38 Rainham Rd., in the vicinity.


At this time, I would like to confirm that this information is still accurate. Are there any properties in the vicinity of the project which have been added to your inventory of potentially significant properties, or new designations under the Ontario Heritage Act?

I have attached a map of the project location for your information. Please let me know if you have any questions, or if you need more information to process this request.

Regards,
Chris Uchiyama

--

Chris Uchiyama, M.A.
Heritage Consultant and Archaeologist
cuHeritage@gmail.com
[613.983.7503](tel:613.983.7503)

 Nanticoke-MAP1-7Aug15.pdf
3419K

Evelyn Eichenbaum <eeichenbaum@haldimandcounty.on.ca>
To: Chris Uchiyama <cuheritage@gmail.com>

8 August 2016 at 11:21

Chris,

The information that you have noted below is accurate and up to date. No changes related to heritage designations in proximity to the Nanticoke Solar Property have taken place since last year.

Evelyn Eichenbaum

Clerk

Haldimand County

905-318-5932 ext. 6349

From: Chris Uchiyama [mailto:cuheritage@gmail.com]
Sent: Monday, August 08, 2016 10:29 AM
To: Evelyn Eichenbaum <eeichenbaum@haldimandcounty.on.ca>
Subject: Informaëon request for Nanëcoke Solar project

[Quoted text hidden]

DISCLAIMER: This e-mail and any attachments may contain personal information or information that is otherwise confidential. If you are not the intended recipient, any use, disclosure or copying of any part of it is prohibited. Haldimand County accepts no liability for damage caused by any virus transmitted in this message. If this e-mail is received in error, please immediately reply and delete or destroy any copies of it. The transmission of e-mails between an employee or agent of Haldimand County and a third party does not constitute a binding contract without the express written consent of an authorized representative of The Corporation of Haldimand County.

Nanticoke Solar Project, cultural heritage resources

3 messages

Chris Uchiyama <cuheritage@gmail.com>
To: lacac@haldimandcounty.on.ca

8 August 2016 at 11:28

Good morning,

I am currently conducting a Cultural Heritage Assessment as part of the Nanticoke Solar Project (<http://nanticoquesolar.com/>), adjacent to the former Nanticoke Generating Station.

I have attached a map of the study area, and a link to additional project information (above). The study area is located in part Lots 8-11, Concession 1, Walpole Township.


I have contacted the clerk regarding designated properties and properties on the 'List of Potential Significance,' but I would also like to know if Heritage Haldimand has any concerns or information that should be reflected in the report? Specifically, is the project location (or any adjacent properties) potentially significant in terms of its cultural heritage value or interest?

Please don't hesitate to contact me should you require any further details to respond to this request.

Regards,
Chris Uchiyama

--

Chris Uchiyama, M.A.
Heritage Consultant and Archaeologist
cuHeritage@gmail.com
[613.983.7503](tel:613.983.7503)

 Nanticoke-MAP1-7Aug15.pdf
3419K

Heritage <heritage@haldimandcounty.on.ca>
To: Chris Uchiyama <cuheritage@gmail.com>

9 August 2016 at 10:46

Good Morning Chris,

Your email was forwarded to the Heritage Haldimand Commiñee and, thus far, no comments regarding member concerns or addiöonal informaöon have been received.

While consider adjacent, the designated properöes located nearest to this area would not have their heritage significance impacted or diminished by the Solar Project.

Anne

From: Chris Uchiyama [mailto:cuheritage@gmail.com]
Sent: Monday, August 08, 2016 11:29 AM
To: Heritage <heritage@haldimandcounty.on.ca>
Subject: Nanëcoke Solar Project, cultural heritage resources

[Quoted text hidden]

DISCLAIMER: This e-mail and any attachments may contain personal information or information that is otherwise confidential. If you are not the intended recipient, any use, disclosure or copying of any part of it is prohibited. Haldimand County accepts no liability for damage caused by any virus transmitted in this message. If this e-mail is received in error, please immediately reply and delete or destroy any copies of it. The transmission of e-mails between an employee or agent of Haldimand County and a third party does not constitute a binding contract without the express written consent of an authorized representative of The Corporation of Haldimand County.

cuheritage@gmail.com <cuheritage@gmail.com>
To: Heritage <heritage@haldimandcounty.on.ca>

9 August 2016 at 11:05

Thank you for your quick reply, Anne,

Please let me know if any concerns are raised. I expect to complete the report by the end of the month, and any information or concerns received by the committee in August can be incorporated into the draft report.

Regards,
Chris

[Quoted text hidden]

**Solar
DRAFT Minutes of Meeting**

Meeting No. FILL IN

Environmental Assessment and Permitting

Date of Meeting:	September 28, 29016 The Corporation of Haldimand County	File No:	
Notes Prepared by:	Gillian MacLeod	Location of Meeting: County of Haldimand Caledonia Satellite Office	Telephone Conference Call N/A
Attended by:	<p>Haldimand County</p> <ul style="list-style-type: none"> • Tyson Haedrich, Director Engineering Services • Brent Hammond (Manager - Roads Operations), • Sue Flaherty (Engineering Services) and • Steve Dyjach (Development and Design Technologist – Planning) • Michal Masior (Development and Design Technologist – Planning) 	<p>Nanticoke Solar</p> <p>Simon Gill, Manager, Ernie U, Engineer Gillian MacLeod, Sr. Environmental Advisor</p>	
Distribution:	Above Phil Shantz, Arcadis Anthony		
Agenda:	<ul style="list-style-type: none"> ➤ 1. Introduction & Project Overview 2. REA Process 3. REA Updates & Field Results 4. Discussion re traffic 5. Questions Discussion 6. Next Steps 		
Next Meeting			

ITEM	CATEGORIES	DISCUSSIONS AND NOTES
------	------------	-----------------------

ITEM	CATEGORIES	DISCUSSIONS AND NOTES
1	Goals of the Meeting	<p>Simon provided the introduction to the Project reviewed the goals as follows:</p> <ul style="list-style-type: none"> • Provide an update on project proponent, project overview and schedule • Discuss key milestones & indentify work underway • Review REA process and discuss preliminary REA findings/results • Discuss Traffic, Noise and Storm Water work underway • Discuss next steps <p>He provided an overview of the LRP1 , described the site and the major equipment involved and summarized the key milestones and discussed the high level schedule (see power point presentation for details)</p>
2	REA Process	<p>Gillian provided a summary of the REA process and in particular discussed the importance of Consultation for public, agency and aboriginal. Identified the various reports that are being prepared and noted that in approximately 1 month we will be ready to circulate these for review by Aboriginal communities and the municipality and Public.</p> <p>The reports include:</p> <ul style="list-style-type: none"> • Stormwater • Natural Heritage • Water Body Assessment • Noise • Archaeology • Cultural Heritage • Traffic • Project Description Report • Construction Plan Report • Design and Operations Report • Decommissioning Plan Report <p>Tyson noted that he can be the Single Point of Contact (with Sue copied on all correspondence) for Gillian and she will work with him with respect to circulating hard and electronic copies for the REA review</p>

ITEM	CATEGORIES	DISCUSSIONS AND NOTES
3	Site Investigations Completed	<p>Site Investigation complete. Example of field investigation include:</p> <ul style="list-style-type: none"> ▪ Winter Wildlife ▪ Breeding Amphibian Surveys ▪ Breeding Bird Surveys ▪ Ecological Land Classification, Vegetation Inventory & Wetland Delineation / Evaluation ▪ Woodland Evaluation ▪ Aquatic Habitat Assessment ▪ Fish Community Sampling ▪ Feature Staking
3	Site Investigation continued	<p>MNRF's Records Review completed; meeting has been held with MNRF with respect to Heritage Assessment and Water Body Assessment.</p> <p>Woodlands, Wetlands, Water Bodies and fisheries have been assessed, and where identified have been buffered; No SAR (fish); results discussed with MNRF; discussion also underway with Long Point Conservation Authority</p> <p>Endangered Species Act</p> <ul style="list-style-type: none"> • Bobolink (Threatened) –breeding within planted prairie area/ Cultural Meadow, (Central Parcel) subject to compensation under ESA; In accordance with Bobolink regulations compensation area in Lambton has been identified and Notice of registration Number received <p>Archaeology Stage 1 and 2 completed for all 3 parcels, this allows us to submit to Culture; will do stage 3 and 4 prior to construction</p> <ul style="list-style-type: none"> •
4	Overall conclusions of REA	<ul style="list-style-type: none"> ▪ Proposed project is located on lands that are suitable for solar development ▪ Key environmental features and functions of existing lands will be protected ▪ Compensation habitat being sought to replace Bobolink habitat. ▪ Good use of the former Nanticoke GS property for both construction and operations ▪ Potentially some construction stage environmental effects – but are manageable

ITEM	CATEGORIES	DISCUSSIONS AND NOTES
5	<p>Summary of Construction activities</p> <p>Traffic, Storm Water and</p>	<ul style="list-style-type: none"> • Approximately 10 delivery trucks per day • Peak work force approx. 170 trades • Agricultural Land Entrances 3 off Rainham Rd. and 1 in South Coast • Coal Yard - Nanticoke Site Entrance • Material Storage – Nanticoke Coal Yard Building • All vehicles are park within the project site • Upgrade existing entrances • Fence will be erected early in the project. • Minimize after hours and weekends construction activities
6	Noise	<p>Ernie summarized the work we are undertaking on Noise; the modeling has been completed and the delineation of 3 scenarios for noise were illustrated. All scenarios meet the MOECC noise by-law dB limit for impact at receptors; what changes I each scenario are the number of inverters and the spacing for them. We noted that this approach was discussed with the MOECC and they were supportive of this approach, namely because this illustrates the worst case scenario for the project.</p> <p>Tyson asked if we were using berms for noise attenuation, Ernie noted that berms are not the first line of mitigation we are using at this point, our approach is to optimize the number of inverters and vary the distance; we are trying to maintain the natural contours from a storm water management perspective and do not have plans to store excess soil on site.</p> <p>Simon noted that we will follow all noise by-law requirement with respect to start and end times during the day and weekends; Tyson noted that we can ask for an exemption if we had to work beyond the 'normal' times.</p> <p>We discussed construction noise, should be included in the report</p>
7	Storm Water	<p>Ernie reviewed the Storm water management work completed to date. In general the overall site can be organize into 2 conceptual parcels a) the former coal pile and b) the 3 former farm parcels known as East < Central and West Parcel. For the most part existing drainage occurs from the NW sector to the South East into a tributary branch of Hickory Creek which crosses the site.</p> <p>Our consultant has calculated Pre Development, Post Development Uncontrolled Peak Flows for several scenarios of design storm return periods. Our studies show that there is a minimal increase in flow from baseline versus post development. Anticipated retention time is 25 minutes</p> <p>Michal noted that they will want to review the storm water management report. The county is interested in the concentration of water and the retention time and infiltration capacity during construction</p> <p>Ernie noted that for the most part we are trying to maintain existing elevations ; the buffered features will essentially remain untouched and existing slopes will remain more or less the same</p>

ITEM	CATEGORIES	DISCUSSIONS AND NOTES
7	Traffic	<p>Ernie led the discussion on traffic noting that there may only be 10 delivery trucks per day. Using a map handout that identified the planned access point he noted that there were 3 access points off Rainham Rd, the existing entrance to the Nanticoke GS will continue to be used for the Nanticoke Solar Project and there is a final access off South Coast Rd. This is not a primary access, but is needed for emergency evacuations etc. Tyson noted that there is a standard Road Use Agreement. Post Meeting Note: the Nanticoke Solar team is aware that Nanticoke Solar has already committed to the Road use Agreement as defined in the Community Vibrancy Fund agreement (section 23) Tyson will send sample Agreement to Gillian .</p> <p>The County did not identify any serious concerns with the current plans for traffic both during construction and operations. Most of the traffic will be on the north using Rainham Rd, and the current HWY 55- Main entrance to the existing GS. They are however, concerned about any 'damage' to roads caused by the project. We discussed ways of documenting pre and post conditions (i.e. using drones, or photos etc for before and after comparisons. Ultimately the County will want the roads repaired to pre development conditions and that repairs will be done by the proponent as damage occurs.</p> <p>Delivery of equipment by rail was also discussed</p> <p>The team was given the heads up that there is a new bylaw passes relating to construction fill materials being imported/exported</p>
9	Other –	<p>Simon provide information to the team noting that there will be a need for cables to be placed in a manner that allows electricity to move from the former farmland past the IOL land (SW corner of Western parcel, and over to the former coal pile. While we can bury the cable, we believe that a superior option is to use 'distribution' type wooden poles</p> <p>Tyson reminded everyone that Nanticoke Solar that there is an expectation that we will schedule a meeting with the Mayor and Council ahead of the open house in early Q1</p>
ACTION ITEMS		DISCUSSIONS AND NOTES
	By WHO	By When
	Gillian	Early October
	Tyson	Early October
	Gillian	ASAP
	Gillian	Early January 2017



The Corporation of Haldimand County

Meeting
September 28, 2016

- **Meeting Goals**
- **Part I: Introduction & Project Overview**
- **Part II: REA Process**
- **Part III: REA Updates & Field Results**
- **Part IV: Eng. Status & Construction Activities**
- **Part V: Questions & Next Steps**

Meeting Goals

1. Provide an update on project proponent, project overview and schedule
2. Discuss key milestones & indentify work underway
3. Review REA process and discuss preliminary REA findings/results
4. Discuss Traffic Management, Noise and Storm Water Management studies & planning underway
5. Discuss next steps



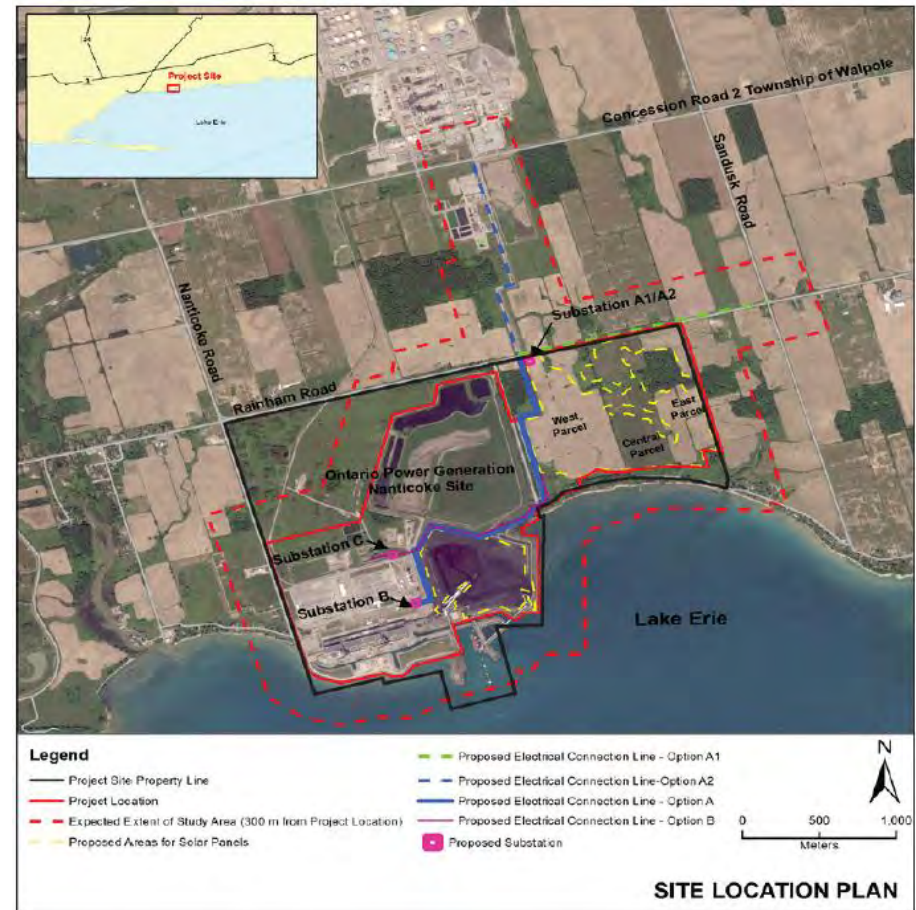


PART I: Introduction & Project Overview

- The IESO awarded a **Large Renewable Procurement (LRP I) Contract** to Nanticoke Solar LP:
 - To develop and operate a **44 MW ground-mounted solar (MOECC Class 3)**
 - Installation of solar photovoltaic (PV) panels on 4 parcels of land
 - Nanticoke Solar LP and IESO executed a 20-year contract
 - Milestone Commercial Operation Date (MCOD): **March 2019**

Project Site

- **Location:** Nanticoke G.S. and lands adjacent in Haldimand County, ON
 - Project is situated on four (4) parcels of land:
 - ▶ Former Coal Yard
 - ▶ West Parcel
 - ▶ Central Parcel
 - ▶ East Parcel
 - Will connect to the transmission system through the Nanticoke switchyard





Environmental Site Description

- Two distinctly different parcels of land:
 - Coal Yard – Flat and vacant industrial land
 - Other Lands (leased from IOL and OPG):
 - ▶ Formerly used for agricultural purposes
 - ▶ IOL Pipeline routing
 - ▶ Existing woodlots and streams (to be avoided)
 - ▶ Recently planted prairie area



Project Site



- LEGEND
- 规划区 (Planning Area)
 - 红线区 (Red Line Area)
 - 绿线区 (Green Line Area)
 - 红线 (Red Line)
 - 绿线 (Green Line)
 - 道路 (Road)
 - 围墙 (Wall)

比例尺 1:5000

日期 2023.10.10

设计单位 某某设计院

项目名称 某某项目

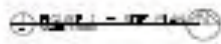
图例

比例尺

日期

设计单位

项目名称





Major Equipment

- Solar Photovoltaic (PV) Panels
- Fixed or Single-Axis Tracking Structure
- Piles/Support Posts (helical or driven)
- Electrical Inverters
- Cabling
- Main Output Substation
- Other Related Electrical Equipment



Key Milestones

- Environmental approvals for solar projects follow a process that is outlined in the **Technical Guide to Renewable Energy Approvals (REA)** under *O.Reg. 359/09*
- Renewable Energy Approval (REA) submission to the MOECC in Q1 2017. Activities going forward include:
 - Site field work Q2/Q3 2016:
 - ▶ Archaeology studies; and
 - ▶ Topographical survey
 - Consultation (Aboriginal, Public & Municipal)
- Construction Start planned for Q4 2017
- Commercial operation by Q1 2019

Project Schedule

	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19		
Renewable Energy Approval	Summary Activity (L0)									Summary Activity (L0)																												
MOECC Completeness Check											External Activity/Antece dent																											
MOECC Review													Project Team Activity (L1)	Project Team Activity (L1)	Project Team Activity (L1)	Project Team Activity (L1)	Project Team Activity (L1)	Project Team Activity (L1)																				
Engineering	Summary Activity (L0)									Summary Activity (L0)																												
Construction Financing																																						
Procurement									Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)																				
OPG Execution Phase Board Approval													Summary Activity (L0)																									
SunEdison Requisite Approval													Summary Activity (L0)																									
IESO Key Development Milestone																			Summary Activity (L0)																			
NK GS Coal yard Turnover to Project																				Summary Activity (L0)																		
Construction																						Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
Site Preparation																						Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
Piles																							Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
Fixed Racking																							Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
Panel Installation																							Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
Inverter																							Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
Electrical Wiring, AC/DC Collection																							Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
Substation																							Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
Commissioning																							Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	Summary Activity (L0)	
IESO MCOD Deadline																																					Summary Activity (L0)	
LRP II		Anticipated LRP II Timelines		Anticipated LRP II Timelines			Anticipated LRP II Timelines			Anticipated LRP II Timelines			Anticipated LRP II Timelines																									

- Legend:
- Summary Activity (L0)
 - Project Team Activity (L1)
 - External Activity/Antece dent
 - Anticipated LRP II Timelines





PART II: REA Process



REA Consultation Process

- The Crown has a duty to consult with the following Aboriginal Communities and have delegated procedural aspects to Nanticoke Solar to consult with:
 - Six Nations of the Grand River
 - Haudenosaunee Chiefs Confederacy Council/HDI
 - Mississaugas of the New Credit First Nations
- Nanticoke Solar will also consult with:
 - The public:
 - ▶ Open Houses: Second Public Meeting – Q1 2017
 - Municipalities:
 - ▶ Haldimand County
 - ▶ Relevant Agencies



REA Report Information

- REA Process requires the following main reports to be generated:
 - Project Description Report
 - Construction Plan Report
 - Design and Operations Report
 - Decommissioning Plan Report

- These reports generally:
 - Describe the Project and all of its associated activities
 - Describe how potential environmental effects are mitigated and monitored.



REA Report Information

- The 4 main reports are supplemented by a wide variety of other more detailed technical studies and reports:
 - Preliminary Storm Water Management Plan
 - Natural Heritage
 - Water Body Assessment
 - Noise
 - Archaeology
 - Cultural Heritage
 - Traffic Management



PART III: REA Updates & Field Results

REA Report Update

Discipline	Study	Draft Report
Archaeology (Stage 1 & 2)	Nearly Complete	Q3 2016
Waterbody Assessment	Complete	Q3 2016
Natural Heritage Assessment & Habitat Compensation	Complete	Q3 2016
Cultural Heritage Assessment	Complete	Q3 2016
Preliminary Stormwater Management Plan	In progress	Q3 2016
Noise	<ul style="list-style-type: none">• Baseline study complete• Final study to be completed	Q3 2016
Traffic Management Plan	Underway	Q4 2016



Environmental Review

- Solar projects are generally benign
- Environmental requirements in Ontario generally protect significant ecological features and functions
- Do need to manage the solar sites during construction to ensure:
 - Implementation of best management practices for storm water management
 - Prevent erosion and sediment movement
 - Construction traffic planning



Site Natural Heritage Context

- Ecoregion 7E
- Haldimand Clay Plain
- Northshore of Lake Erie
- Carolinian Forest Zone



Records Review resources included:

- Haldimand County Official Plan;
 - Ontario Ministry of Natural Resources and Forestry Natural Heritage Information Centre and Species at Risk File Data;
 - Long Point Conservation Authority File Data;
 - Department of Fisheries and Oceans Aquatic Species at Risk Mapping;
 - Atlas of the Breeding Birds of Ontario;
 - Atlas of the Mammals of Ontario;
 - Reptiles and Amphibians of Ontario;
 - Current aerial photography; and
 - Land Information Ontario.
-
- A preliminary site assessment was completed to screen for woodlands, wetlands, watercourses, wildlife habitat, and other natural heritage features
 - MNRF and Long Point Conservation were consulted for natural heritage file data

REA Field Investigations

Seasonal field investigations completed to confirm the presences of natural heritage features identified during the Records Review include:

- Winter Wildlife
- Breeding Amphibian Surveys
- Breeding Bird Surveys
- Ecological Land Classification, Vegetation Inventory & Wetland Delineation / Evaluation
- Woodland Evaluation
- Aquatic Habitat Assessment
- Fish Community Sampling
- Feature Staking



Terrestrial

- Five woodlands have been identified within the Study Area and it is anticipated they will all be retained
- Three are considered significant woodlands under REA
- Woodland boundaries are being adjusted based on recent on-site mapping plus buffer
- Planted prairie area includes planted rare species

Wetlands

- Wetland habitats that were identified within the Study Area included:
 - Meadow Marsh;
 - Thicket Swamp; and
 - Deciduous Swamp
- Wetland boundaries are being adjusted based on recent on-site mapping plus buffer
- Most are within other features and will be retained with required buffers

Watercourses

- Permanent tributary to Hickory Creek
 - Waterbody under REA
 - Protected with buffer
- Several ephemeral drainage features and swales
 - Do not meet the definition of a Waterbody under REA

Fisheries

- Hickory Creek tributary provides direct, permanent fish habitat
- Four fish species identified
 - Creek Chub
 - Blacknose Dace
 - White Sucker
 - Banded Killifish
- No SAR fish



Candidate Significant Wildlife Habitat

- Butterfly Stopover Habitat (potential to be discussed with MNRF)
- Amphibian Breeding Habitat (within wetlands being retained)
- Amphibian Movement Corridors (within areas being retained)

Generalized Candidate Significant Wildlife Habitat

- Landbird Migratory Stopover Areas. Present within habitat being protected (woodland)
- Bat Maternity Colonies. Could be present within within areas being protected – woodland
- Open Country Bird Breeding Habitat implement mitigation and monitoring, subject to discussion with MNRF
- Habitat for Special Concern and Rare Wildlife Species: Eastern Wood-Pewee (Special Concern) – breeding within woodland that is being retained and Wood Thrush (Special Concern) – breeding within woodland that is being retained

Endangered Species Act

- Bobolink (Threatened) –breeding within planted prairie area/ Cultural Meadow, subject to compensation under ESA

- **Nanticoke Solar Stages of Archaeological Assessment:**
 - Stage 1: Desktop archaeological assessment to determine the potential for archaeological resources within a Study Area.
 - Stage 2: Stage 2 assessment has resulted in the discovery of numerous archaeological resources within the portion of the Study Area subject to Stage 2.
 - A combined Stage 1 & 2 Archaeological Report will be authored for the Nanticoke Solar Project. They will be filed a singular report for both Stages to the Ministry of Tourism, Culture & Sport.
 - Stage 1 & 2 have been completed on East and West Parcels, and is underway for the Centre Parcel.
 - Stage 3 assessments will be required on some of the identified archaeological resources; Stage 4 may also likely be required.



General Conclusions

- Proposed project is located on lands that are suitable for solar development
- Key environmental features and functions of existing lands will be protected
- Compensation habitat location selected to replace Bobolink habitat.
- Good use of the former Nanticoke GS property for both construction and operations
- Potentially some construction stage environmental effects – but are manageable



PART IV: Engineering Status and Construction Activities



Nanticoke Solar Background

Background Information:

- 44MW Capacity
- Approximately 150,000 - 180,000 PolySi/MonoSi solar panels
- Typical year generate approx 73 million megawatt-hours
- Will use high efficiency inverters & step-up transformers
- Connect with 230 kV transmission system



Engineering Studies

- Preliminary engineering underway
- Site Survey complete
- Geotechnical drilling program complete
- Pile field evaluation program underway
- Storm Water Management Plan is underway
- Acoustic Study underway
- Preliminary Traffic Management Plan is underway

- LEGEND
- BOUNDARY LINE
 - PROPERTY AREA
 - BOUNDARY AREA
 - PROPERTY LINE
 - PROPERTY LINE
 - BOUNDARY LINE
 - PROPERTY LINE
 - PROPERTY LINE
 - PROPERTY LINE



- NAVIGABLE CHANNEL
- CHANNEL
- CHANNEL
- CHANNEL

DATE: 11/11/2011

TIME: 10:00 AM

SCALE: 1:10000

PROJECT: [Illegible]

NO.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

DATE: 11/11/2011

TIME: 10:00 AM

SCALE: 1:10000

PROJECT: [Illegible]

DATE: 11/11/2011

TIME: 10:00 AM

SCALE: 1:10000

PROJECT: [Illegible]

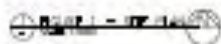
DATE: 11/11/2011

TIME: 10:00 AM

SCALE: 1:10000

PROJECT: [Illegible]

NO.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		





Construction Activities

- Approximately 10 delivery trucks per day
- Peak work force approx. 170 trades
- Upgrade existing entrances for construction use:
 - Entrance Locations: 3 on Rainham Rd. and 2 on South Coast Dr.
- Coal Yard - Existing Nanticoke Site Entrances
- Material Storage – Nanticoke Coal Yard Building
- Construction traffic parking will be within the project site
- Procedure to manage & limit dirt being carried off site
- Fence will be erected early in the project
- Minimize after-hours and weekend construction noise



Preliminary Storm Water Study

- Agricultural fields are classified as HSG Group D (low infiltration soils)
- Two outlets, overland flow to Hickory Creek
- Majority of the slopes ranging from 1 to 5%.
- Site grading will be similar to existing
- Hydrologic Modeling System (HEC-HMS 4.2)
- Results – 100 yr storm return period, increase peak flow by 1%, no significant increase pre and post lag time.
- Simply erosion and sediment control is adequate during construction period
- Coal Yard storm water will continue to be process through the existing lagoon system.



Discussion & Next Steps



Contact Information

Gillian MacLeod

Senior Environmental Advisor
Ontario Power Generation Inc.
700 University Avenue H18 D16
Toronto, ON, M5G 1X6
(P) 416-592-3481
(F) 416-592-3489

Simon Gill

Project Manager, Corporate
Business Development
Ontario Power Generation Inc.
700 University Avenue H18 E22
Toronto, ON, M5G 1X6
(P) 416-592-3116
(F) 416-592-3489

Project Email: info@nanticokesolar.com
Project Website: www.nanticokesolar.com



October 28, 2016

Sue Flaherty
Administrative Assistant; Engineering Services Division
Haldimand County; Caledonia Satellite Office
282 Argyle St. S.
Caledonia, ON N3W 1K7

RE: REA REPORTS FOR MUNICIPAL REVIEW FOR REA (LRP1): NANTICOKE SOLAR

Dear Ms Flaherty,

Please find enclosed, for review by Haldimand County, draft reports prepared for submission under the Ministry of Environment & Climate Change's (MOECC) Renewable Energy Approval (REA) process.

Enclosed are the following draft REA reports, prepared by Nanticoke Solar LP for the Nanticoke Solar Project:

- Draft Project Description Report
- Draft Construction Plan Report
- Draft Design and Operations Report
- Draft Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Report on the Stage 1 & 2 Archaeological Assessment in Support of the Nanticoke Solar Project
- Draft Natural Heritage Assessment and Environmental Impact Study
- Draft Water Assessment and Water Body Report
- Draft Acoustic Assessment Report
- Draft Conceptual Stormwater Management Plan Report

Some of the above draft reports have been provided to the MNRF, the Conservation Authority and MOECC for preliminary input. Input from these agencies, as well as from Haldimand County, the local First Nations communities, and local community residents, will be incorporated into the final reports. The final reports will be submitted to the MOECC after the second Open House planned for Feb 2nd 2017.

If you have any questions, I can be reached at 416-592-3481. Nanticoke Solar is looking forward to continuing to dialogue with Haldimand County as this project moves forward.

Best Regards,

A handwritten signature in black ink, appearing to read "Gillian MacLeod". The signature is fluid and cursive, with a long horizontal stroke at the end.

Gillian MacLeod
Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC: Tyson Haedrich, Director Engineering Services, Haldimand County
Evelyn Eichenbaum, Clerk, Haldimand County
Paul Mungar, General Manager Public Works Department, Haldimand County
Simon Gill, Project Manager, Nanticoke Solar
Phil Shantz, Project Manager, Arcadis

From: DiGiuseppe, Marilena

Sent: October 28, 2016 4:49 PM

To: sflaherty@haldimandcounty.on.ca

Cc: thaedrich@HaldimandCounty.on.ca; eeichenbaum@haldimandcounty.on.ca; pmungar@haldimandcounty.on.ca; MACLEOD Gillian -ENVIRONMENT <gillian.macleod@opg.com>; GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; Shantz, Phil <Phil.Shantz@arcadis.com>

Subject: Nanticoke Solar Draft REA Reports and Instructions for Download

Dear Ms. Flaherty,

On behalf of Nanticoke Solar LP, please refer to the attached cover letter and municipal consultation form. Please click on the following link to proceed with downloading the draft REA reports:

<https://we.tl/ZNfd5BWWqV>

Please do not hesitate to contact me regarding the downloading of these documents, should you have any questions.

Kind Regards,

Marilena Di Giuseppe, M.A.Sc., EPT | Environmental Scientist | Marilena.DiGiuseppe@arcadis.com

ARCADIS Canada Inc. | 121 Granton Drive, Suite 12 | Richmond Hill | Ontario | CANADA | L4B 3N4
Tel: +1 905 764 9380, Ext 381 | Fax: +1 905 764 9386 | Cell: +1 647 746 1688

Connect with us! www.arcadis.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#)



 Please consider the environment before printing this email.



November 1, 2016

Sue Flaherty

Administrative Assistant; Engineering Services Division

Haldimand County; Caledonia Satellite Office

282 Argyle St. S.

Caledonia, ON N3W 1K7

RE: REA REPORTS FOR MUNICIPAL REVIEW FOR REA (LRP1): NANTICOKE SOLAR

Dear Ms. Flaherty,

I trust you were able to download the reports sent last Friday, October 28, 2016, along with the two attachments. Please find enclosed, for review by Haldimand County, hard copies of the draft REA reports prepared for submission under the Ministry of Environment & Climate Change's (MOECC) Renewable Energy Approval (REA) process.

Enclosed are the following draft hard copies of the REA reports, prepared by Nanticoke Solar LP for the Nanticoke Solar Project:

- Draft Project Description Report
- Draft Construction Plan Report
- Draft Design and Operations Report
- Draft Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Report on the Stage 1 & 2
Archaeological Assessment in Support
of the Nanticoke Solar Project
- Draft Natural Heritage Assessment
and Environmental Impact Study
- Draft Water Assessment and Water
Body Report
- Draft Acoustic Assessment Report
- Draft Conceptual Stormwater
Management Plan Report

We have also enclosed a CD with these files in electronic format, for your records. If you have any questions, I can be reached at 416-592-3481. Nanticoke Solar is looking forward to continuing to dialogue with Haldimand County as this project moves forward.

Best Regards,

A handwritten signature in black ink, appearing to read "Gillian MacLeod". The signature is fluid and cursive, with a long horizontal stroke at the end.

Gillian MacLeod
Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC: Tyson Haedrich, Director Engineering Services, Haldimand County
Evelyn Eichenbaum, Clerk, Haldimand County
Paul Mungar, General Manager Public Works Department, Haldimand County
Simon Gill, Project Manager, Nanticoke Solar
Phil Shantz, Project Manager, Arcadis



November 15, 2016

Sue Flaherty
Administrative Assistant, Engineering Services
Haldimand County; Caledonia Satellite Office
282 Argyle St. S.
Caledonia, ON N3W 1K7

RE: ACOUSTIC ASSESSMENT REPORT - FOR REA (LRP1): NANTICOKE SOLAR

Dear Ms. Flaherty,

Please find, enclosed, an updated noise report. Although the MOECC agreed to our approach for the noise assessment, they recently requested that we do some additional scenarios. We have revised the existing document to reflect the additional scenarios, and have kept the underlying principles and approach the same. Please note that you should refer to this updated document that can be downloaded from the Dropbox link. Instructions for accessing this are in the e-mail.

Should we receive additional updates on other reports we have provided to you, we will make sure that you are informed accordingly.

If you have any questions, I can be reached at 416-592-3481.

Best Regards,

Gillian MacLeod
Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC: Tyson Haedrich, Director, Engineering Services, Haldimand County
Simon Gill, Project Manager, Nanticoke Solar
Phil Shantz, Project Manager, Arcadis



November 16, 2016

Evelyn Eichenbaum
Clerk
Haldimand County, Cayuga Administration Building
45 Munsee Street North
P. O. Box 400
Cayuga, ON N0A 1E0

RE: COPIES OF REPORTS FOR PUBLIC REVIEW; REA (LRP1): NANTICOKE SOLAR

Dear Ms. Eichenbaum,

Please find enclosed a package of REA draft reports required for public review at the Haldimand County Clerk's Office. The municipality received a similar package at the end of October. Please ensure that this package is available for public access no later than November 24th as our advertisement will appear in the local newspapers on November 24th, 2016. Electronic copies of the following draft reports in accordance with the REA requirement for solar projects are also available for the Project Website:

www.NanticokeSolar.com.

The following reports are enclosed in this package:

- Draft Project Description
- Draft Construction Plan Report
- Draft Design and Operations Report
- Draft Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Report on the Stage 1 & 2 Archaeological Assessment in Support of the Nanticoke Solar Project
- Draft Natural Heritage Assessment and Environmental Impact Study
- Draft Water Assessment and Water Body Report
- Draft Acoustic Assessment Report
- Draft Conceptual Stormwater Management Plan Report

A number of the reports have been discussed with MNRF, the Conservation Authority, and the MOECC. While their input has been incorporated into these drafts, the final reports will be sent to the regulator after the second Open House planned for Feb 2nd 2017.

If you have any questions, please give me a call at 416-592-3481.

Nanticoke Solar is looking forward to continuing to dialogue with the Municipality as this project moves forward.

Best Regards

A handwritten signature in black ink, appearing to read "Gillian MacLeod". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Gillian MacLeod

Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC: Tyson Haedrich, Director Engineering Services, Haldimand County
Sue Flaherty, Clerk, Engineering Services, Haldimand County
Paul Mungar, General Manager Public Works Department, Haldimand County
Simon Gill, Project Manager, Nanticoke Solar
Phil Shantz, Project Manager, Arcadis



November 16, 2016

Roberta Chapman
Jarvis Public Library
2 Monson St.
Jarvis, ON N0A 1J0

RE: COPIES OF REPORTS FOR PUBLIC REVIEW; REA (LRP1): NANTICOKE SOLAR

Hi Roberta,

As discussed, enclosed are all the draft reports required for public review of the Nanticoke Solar REA project. Reports are to be available at the Jarvis Public Library. Can you please make sure that this package is available at the library for public access on November 24th as our advertisement will appear in the local newspapers that day? Electronic copies of the following draft reports in accordance with the REA requirement for solar projects are also available for the Project Website: www.NanticokeSolar.com.

The following reports are enclosed in this package:

- Draft Project Description
- Draft Construction Plan Report
- Draft Design and Operations Report
- Draft Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Report on the Stage 1 & 2 Archaeological Assessment in Support of the Nanticoke Solar Project
- Draft Natural Heritage Assessment and Environmental Impact Study
- Draft Water Assessment and Water Body Report
- Draft Acoustic Assessment Report
- Draft Conceptual Stormwater Management Plan Report

A number of the reports have been discussed with MNRF, the Conservation Authority, and the MOECC. While their input has been incorporated into these drafts, the final reports will be sent to the regulator after the second Open House planned for Feb 2nd 2017.

If you have any questions, please give me a call at 416-592-3481.

Nanticoke Solar is looking forward to continuing to dialogue with the Library as this project moves forward.

Best Regards

A handwritten signature in black ink, appearing to read "Gillian MacLeod". The signature is fluid and cursive, with a long horizontal stroke at the end.

Gillian MacLeod

Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC:

Simon Gill, Project Manager, Nanticoke Solar
Phil Shantz, Project Manager, Arcadis



November 16, 2016

Sue Flaherty
Administrative Assistant, Engineering Services Division
Haldimand County, Caledonia Satellite Office
282 Argyle St. S.
Caledonia, ON N3W 1K7

RE: COPIES OF REPORTS FOR PUBLIC REVIEW; REA (LRP1): NANTICOKE SOLAR

Hi Sue,

Thanks for helping with the Municipal circulation. As discussed, with this package, you will have all the reports required for public review at the Haldimand County Municipal Offices, Cayuga Administration Building 45 Munsee St North, Cayuga, ON. Can you please make sure that this package is available at the Cayuga Office no later than November 24th since our advertisement will appear in the local newspapers on November 24th, 2016? Electronic copies of the following draft reports in accordance with the REA requirement for solar projects are also available for the Project Website: www.NanticokeSolar.com.

The following reports are enclosed in this package:

- Draft Project Description
- Draft Construction Plan Report
- Draft Design and Operations Report
- Draft Decommissioning Plan Report
- Cultural Heritage Assessment Report
- Report on the Stage 1 & 2 Archaeological Assessment in Support of the Nanticoke Solar Project
- Draft Natural Heritage Assessment and Environmental Impact Study
- Draft Water Assessment and Water Body Report
- Draft Acoustic Assessment Report
- Draft Conceptual Stormwater Management Plan Report

A number of the reports have been discussed with MNRF, the Conservation Authority, and the MOECC. While their input has been incorporated into these drafts, the final reports will be sent to the regulator after the second Open House planned for Feb 2nd 2017.

If you have any questions, please give me a call at 416-592-3481.

Nanticoke Solar is looking forward to continuing to dialogue with the Municipality as this project moves forward.

Best Regards

A handwritten signature in black ink, appearing to read "Gillian MacLeod". The signature is fluid and cursive, with a long horizontal stroke at the end.

Gillian MacLeod

Sr. Environmental Advisor,
Corporate Business Development
Ontario Power Generation

CC: Tyson Haedrich, Director Engineering Services, Haldimand County
Simon Gill, Project Manager, Nanticoke Solar
Phil Shantz, Project Manager, Arcadis

From: MACLEOD Gillian -ENVIRONMENT [<mailto:gillian.macleod@opg.com>]
Sent: November 23, 2016 3:40 PM
To: 'Sue Flaherty' <sflaherty@haldimandcounty.on.ca>
Cc: DiGiuseppe, Marilena <Marilena.Digiuseppe@arcadis.com>; Shantz, Phil <Phil.Shantz@arcadis.com>; GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; 'De Grandis, Giselle (MOECC)' <Giselle.DeGrandis@ontario.ca>
Subject: followup re REA REports Nanticoke Solar

Hi Sue ,

It was great talking to you earlier this week. Am glad the reports arrived last Thursday. Just so that you and Tyson are aware, the ads are going out tomorrow and then a 2nd set on Dec 1. Our web site has been updated,(ad will be placed in there later this evening).

I would like to first thank you for all your help in this. Secondly, the public reports will also be available at the Jarvis Library and the Clerk's Office (as noted in the ad), so there are several choices for the public to access these. They are also available on the project website. Finally, if you have any questions etc please let me know .

The ad will appear in the Grand River Sachem and the Haldimand Press on November 24th and Dec 1st. 2016

We appreciate your help in this matter.

Best regards

Gill



Interoffice Memo

Date: December 1, 2016

To: Tyson Haedrich, Director - Engineering Services

Cc: Mike Evers, Manager - Planning and Development
Peter Minkiewicz, Supervisor, Dev. Services - Planning and Development
Jeff Oakes, Manager - Environmental Services
Brent Hammond, Manager - Roads Operations
Rob Grimwood, Manager - Emergency Services / Fire Chief
Randy Charlton, Manager - Building and By-Law Enforcement
Lidy Romanuk, Manager - Economic Development and Tourism

From: Michal R. Masior, Development and Design Technologist -
Planning and Development (Engineering Development Group)

RE: Nanticoke Solar LP
(Green Energy Project)

Engineering Development Group has had the opportunity to review the package of the miscellaneous Draft REA Reports supporting submission of MOECC Renewable Energy Approval process for the above noted project (received on Nov. 4, 2016):

- Cover letter from Ontario Power Generation, dated November 1, 2016
- Draft of form MOECC Renewable Energy Approval – Municipal / Local Authority Consultation, s. 18(2) Ontario Regulation 359/09 (form 2095E)
- Draft Project Description Report (October 2016) – prep. by Arcadis
- Draft Construction Plan Report (October 2016) – prep. by Arcadis
- Draft Design and Operation Report (October 2016) – prep. by Arcadis
- Draft Decommissioning Plan Report (October 2016) – prep. by Arcadis
- Draft Acoustic Assessment report (October 2016) – prep. by Arcadis
- Draft Conceptual Stormwater Management Plan Report (October 2016) – prep. by Arcadis

- Cultural Heritage Assessment report (October 24, 2016) – prep. by Chris Uchiyama Heritage
 - Archaeological Assessment (October 27, 2016) – prep. by This Land Archaeology Inc.
 - Draft – Water Assessment and Water Body Report (October 2016) – prep. by Beacon Environmental Limited and Arcadis
 - Draft – Natural Heritage Assessment and Environmental Impact Study (October 28, 2016) – prep. by Beacon Environmental
-

Our comments are as follows:

1. **Part A** of MOECC form 2095E shall be filled-out by the Applicant and resubmitted to the County.
Then, County will fill-out Part B and return form to the Applicant for further/subsequent processing of obtaining approval under Ontario regulation 359/09.
2. Draft Conceptual Stormwater Management Plan Report:
Although some of the assumptions (such as time concentration formula, IDF parameters, etc.) does not follow County's recommendation as outlined in the Sec. H of Hadimand County Design Criteria (HCDC) – we respect the professional integrity of the Consultant and the methodology / model set-up selected for this site-specific project. We would suggest that it will be appropriate to add reference to the mentioned HCDC, and provide explanation.
3. Please be advised that all final reports and engineering drawings shall be stamped and signed.

From the County's point of view, the submitted Draft REA Reports have been prepared with exceptional content/quality and provides sufficient information to familiarize and justify the proposal.

Therefore, we are supporting the proposed drafts of the overall conceptual design approach at this stage of review/consultation and look forward to the final detailed engineering submission.

Should you require any further clarification or additional information, please do not hesitate to contact undersigned.

Yours truly,



Michal R. Masior, B.Sc. (Civil Eng.)
Development and Design Technologist
Planning and Development Division
The Corporation of Haldimand County
Caledonia Satellite Office
282 Argyle St. S., Caledonia, ON N3W 1K7
Tel. 905-318-5932 ext.6410, Fax 905-765-1436
e-mail: mmasior@haldimandcounty.on.ca

S:/engineering/correspondence/Michal M/NanticokeSolar/NanticokeSolar-Comments-Dec.1-2016.doc

From: GILL Simon -CBUSDEV&STRT
Sent: Wednesday, January 11, 2017 4:31 PM
To: 'Evelyn Eichenbaum'
Cc: Sue Flaherty; Teresa Olsen; MACLEOD Gillian -ENVIRONMENT
Subject: RE: Request to Appear at Jan 17 CIC

Hi Evelyn,

Please find attached our presentation for January 17th. I've attached both PDF and PPT files. Please let me know if we should bring hard copies of the presentation with us.

We'll see you next week,

Simon Gill | Corporate Business Development; OPG
T: 416-592-3116 C: 647-549-3116 E: simon.gill@opg.com

From: Evelyn Eichenbaum [<mailto:eeichenbaum@haldimandcounty.on.ca>]
Sent: Friday, December 09, 2016 10:37 AM
To: GILL Simon -CBUSDEV&STRT
Cc: Sue Flaherty; Teresa Olsen; MACLEOD Gillian -ENVIRONMENT
Subject: RE: Request to Appear at Jan 17 CIC

Thank-you for your correspondence. We will list you as a delegation for the 1:00 p.m. portion of the January 17th Council in Committee meeting, and will include your correspondence in the meeting's agenda. You will have up to 10 minutes to make your presentation and then members of Council will have the opportunity to ask questions of you. If you have a PowerPoint presentation, please send it to me by January 12th so that it can be loaded for the meeting. The meeting takes place in Council Chambers on the upper level of the Cayuga Administration Building at 45 Munsee St. in Cayuga. Please don't hesitate to contact me with any additional questions.

Evelyn Eichenbaum
Clerk
Haldimand County
905-318-5932 ext. 6349

From: GILL Simon -CBUSDEV&STRT [<mailto:simon.gill@opg.com>]
Sent: Friday, December 09, 2016 10:14 AM
To: Evelyn Eichenbaum <eeichenbaum@haldimandcounty.on.ca>
Cc: Sue Flaherty <sflaherty@HaldimandCounty.on.ca>; Teresa Olsen <tolsen@haldimandcounty.on.ca>; MACLEOD Gillian -ENVIRONMENT <gillian.macleod@opg.com>
Subject: Request to Appear at Jan 17 CIC

Hello Ms. Eichenbaum,

Please find attached our request to appear as a delegation at the January 17th CIC meeting.

We look forward to hearing from you,

Simon Gill | Senior Manager, Corporate Business Development
ONTARIO POWER GENERATION | 700 University Avenue H18D21, Toronto, Ontario, M5G 1X6
T: 416-592-3116 C: 647-549-3116 E: simon.gill@opg.com



The Corporation of Haldimand County

Presentation to Council
January 17, 2017 1:00PM



Agenda

- **Part I: Solar Project Update**
- **Part II: Schedule**
- **Part III: Environmental Approvals (REA) Update**
- **Part IV: Consultation Update**



Project Update: Overview

- The IESO awarded a 20yr Large Renewable Procurement (LRP I) Contract to Nanticoke Solar LP:
 - To develop and operate a 44 MW ground-mounted solar electricity facility
 - Installation of solar photovoltaic (PV) panels on 4 parcels of land
- Location: Former Nanticoke G.S. site and 3 other adjacent parcels of land
- Nanticoke Solar LP, is a partnership between:
 - Ontario Power Generation Inc.
 - Six Nations Development Corporation

ONTARIO POWER
GENERATION




NANTICOKE SOLAR



Project Update: Community Benefits

Jobs:

- Direct: Estimate 240,000 hours of labour will be required on site, and historically ~70%+ are local
- Indirect: Local vendors and service providers

Vibrancy Fund:

- \$88,000 per year to Haldimand County for initial 20 years

Property tax

- Incremental property tax associated with the 4 project properties




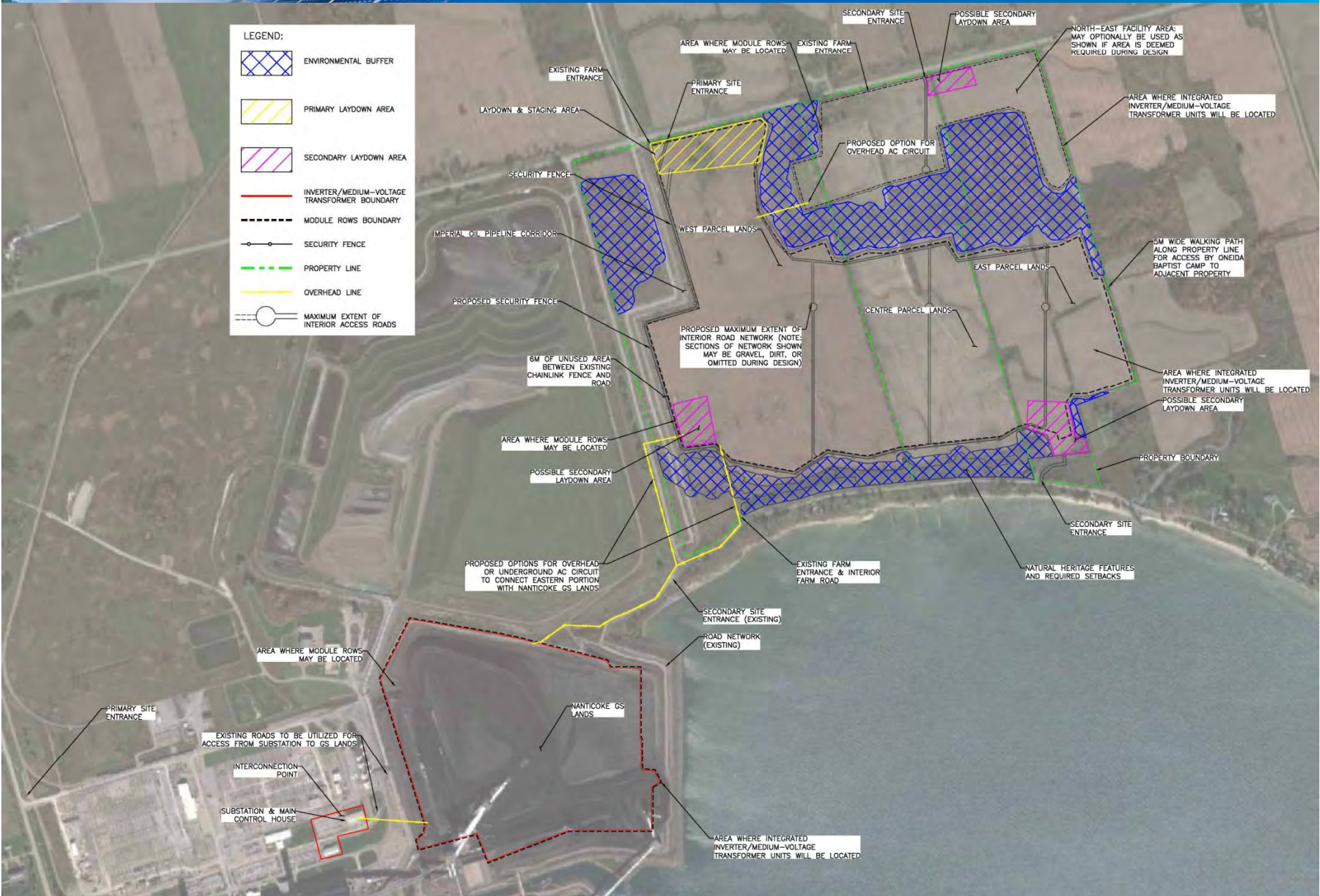
Project Update: Equipment Used

- Solar Photovoltaic (PV) Panels
- Fixed or Single-Axis Tracker Racking System
- Support Posts / Piles
- Inverters & MV Transformers
- Cabling
- Substation with Main Transformer, Switchgear & Communications

Project Update: Site Plan

LEGEND:

-  ENVIRONMENTAL BUFFER
-  PRIMARY LAYDOWN AREA
-  SECONDARY LAYDOWN AREA
-  INVERTER/MEDIUM-VOLTAGE TRANSFORMER BOUNDARY
-  MODULE ROWS BOUNDARY
-  SECURITY FENCE
-  PROPERTY LINE
-  OVERHEAD LINE
-  MAXIMUM EXTENT OF INTERIOR ACCESS ROADS





Schedule: Overview

- March 2016: LRP Contract Award
- February 2017: Renewable Energy Approval (REA) submission to the MOECC
- Summer & Fall 2017: Engineering, and Selection of a Contractor
- Fall 2017: Procurement of long-lead time major equipment
- November 2017: Earliest possible construction start date
- 2018: Most of the construction activity will take place
- Winter 2019: Achieve commercial operation



REA Update: Reports

- Draft REA Reports Available for Review & Comment:
 - Project Description Report
 - Construction Plan Report
 - Design and Operations Report
 - Decommissioning Plan Report
 - Conceptual Stormwater Management Plan Report
 - Natural Heritage Assessment
 - Water Body Assessment
 - Acoustic Assessment Report
 - Archaeology Study Report
 - Cultural Heritage Report



REA Update: General Requirements

- REA requirements exist to protect significant ecological features and functions. The Reports prescribe required tasks to mitigate impacts.

- Must manage solar sites during construction to ensure:
 - Maintenance of sediment & erosion controls
 - Traffic management
 - Compliance with noise limits
 - Compliance with Natural Heritage commitments in respect of buffers, vegetation disruption, and minimizing possible impacts to features



REA Update: Field Investigations

Seasonal field investigations completed to confirm the presences of natural heritage features identified during the Records Review include:

- Winter Wildlife
- Breeding Amphibian Surveys
- Breeding Bird Surveys
- Ecological Land Classification, Vegetation Inventory & Wetland Delineation / Evaluation
- Woodland Evaluation
- Aquatic Habitat Assessment
- Fish Community Sampling
- Feature Staking





REA Update: NHA, EIS & Waterbody

- Reports detail potential impacts and appropriate mitigation measures
- The following significant natural features are located in and within 50 m of the Project Location:
 - Watercourses; wetlands; and woodlands;
 - Planted Species of Special Concern; and
 - Generalized Candidate Significant Wildlife Habitat.
- Construction activities such as vegetation removal, grading and operation of equipment will result in changes to surface water drainage & an increased potential for sedimentation and erosion, which have the potential to impact these features.
- Mitigation measures prescribed within these reports will be implemented during construction to reduce or eliminate these potential impacts



REA Update: Archaeology, SWMP & Noise

- Archaeological Assessment: Stage 1 & 2 have been completed and submitted to the MTCS. Stage 3 assessments will be required on some of the identified finds, and work is planned for summer 2017
- Conceptual Storm Water Management Plan Report completed: Plan to utilize existing drainage patterns as much as possible to minimize downstream impacts
- Sediment & Erosion Control: Installation and maintenance of S&EC infrastructure during construction. Once construction phase is completed and the vegetation has matured, measures will be removed and vegetation will provide long-term S&EC
- Noise:
 - Points of Reception with the highest possible noise impacts were evaluated against the MOECC Maximum level: 40 dBA from 7pm-7am
 - Conclusion: Acoustic modeling determined that the site is predicted to fully comply with all applicable sound levels requirements in all scenarios



Consultation Update

■ Haldimand County:

- 2015 Presentations to Council, meetings with County staff, and Community Vibrancy Fund Agreement signed with County
- Sep 28 2016 Nanticoke Solar LP met with County Staff
- Nov 1 2016 Draft REA Reports delivered to County
- Ongoing Comments on REA Reports received; Road Use Agreement in development

■ Community:

- Jun & Aug 2015 Two community open houses
- Nov 18 2016 Draft REA Reports published to public on website, at County Clerk's office & at the Library
- Jan 23 2017 Meeting scheduled with Haldimand Stewardship Council
- Feb 2 2017 Final Public Meeting / Open House

■ First Nations

- 2015 to Present Actively engaged with partner Six Nations, as well as with HCCC and MNCFN



Contact Information

Simon Gill

Sr. Manager, Corporate Business Development; OPG

Project Manager, Nanticoke Solar LP

700 University Avenue H18D21

Toronto, ON, M5G 1X6

(t) 416-592-3116

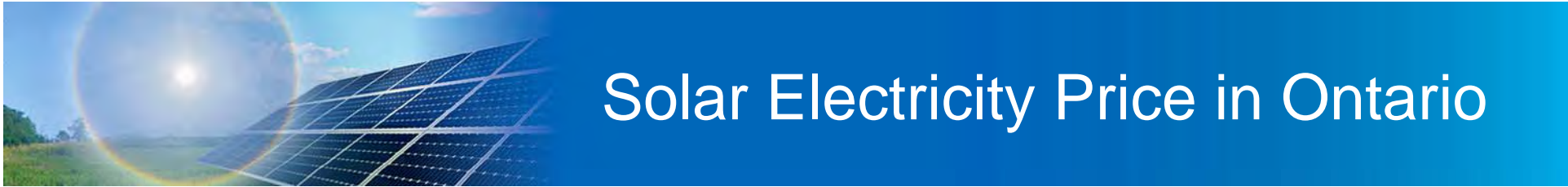
(e) simon.gill@opg.com

Project Email: info@nanticokesolar.com

Project Website: www.nanticokesolar.com

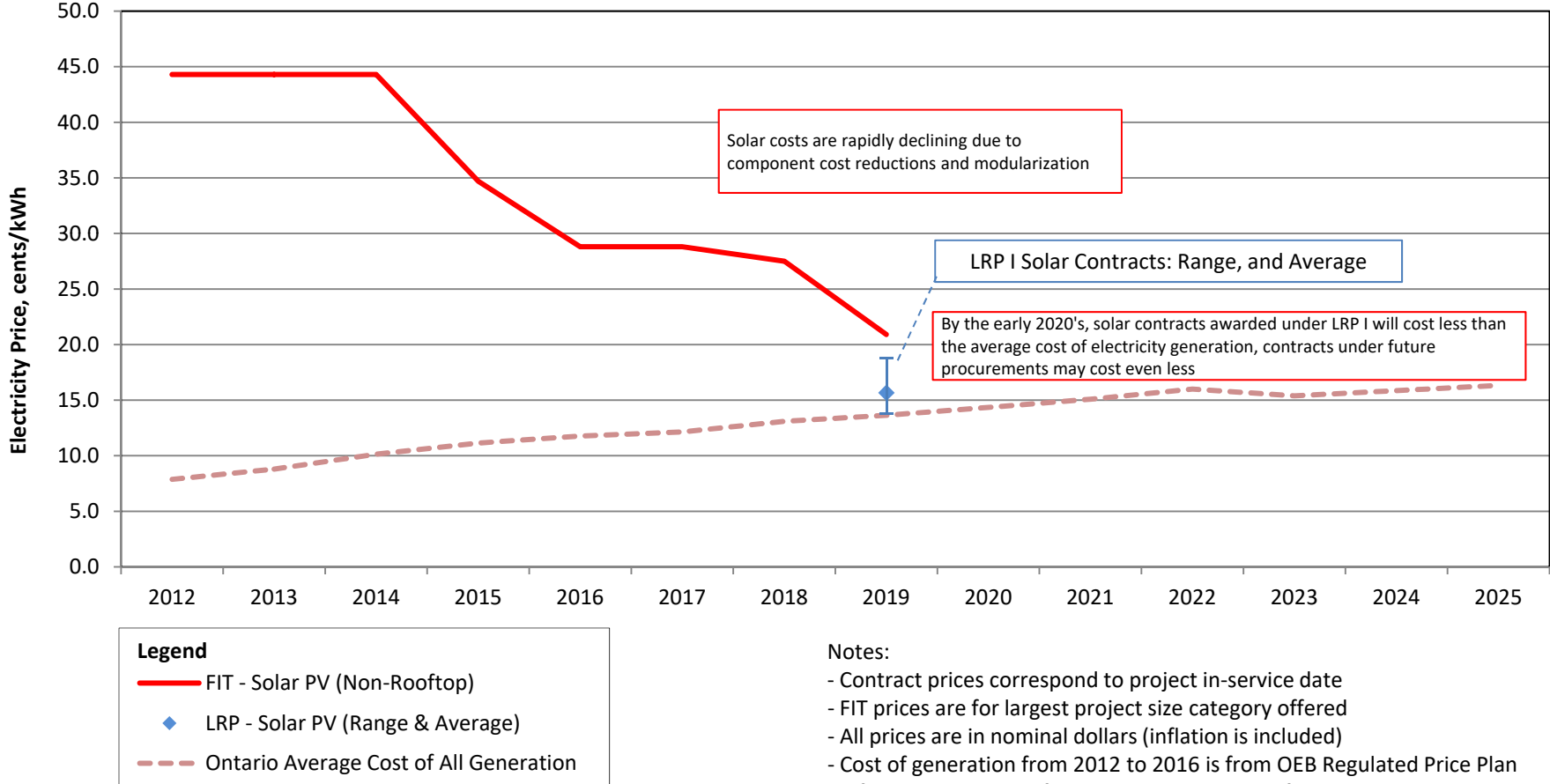


Appendix Slides



Solar Electricity Price in Ontario

Evolution of Contract Prices for Ontario Solar Electricity Generation



- Notes:
- Contract prices correspond to project in-service date
 - FIT prices are for largest project size category offered
 - All prices are in nominal dollars (inflation is included)
 - Cost of generation from 2012 to 2016 is from OEB Regulated Price Plan
 - Inflation in the cost of generation post 2016 is from 2013 LTEP



Direct Employment Benefits

Activity	Approx. Hrs	% of Total
Site Preparation & Trenching	33,700	14
Pile/Foundation Installation	44,500	18
Rack & Solar Panel Installation	94,224	39
PV Wiring	21,730	9
I-House Installation	1,330	1
MV AC Installation	7,834	3
AC 600V Installation	4,000	2
DC Cable Installation	15,300	6
Substation Installation	10,000	4
Overhead Cable Installation	2,400	1
Fiber Cable Installation	1,300	1
Commissioning & Other	3,682	2
Estimated Total Local Labour	240,000	

Equivalent to: 120 full time employees for 1 full year

From: Sue Flaherty [<mailto:sflaherty@HaldimandCounty.on.ca>]
Sent: Friday, January 27, 2017 3:42 PM
To: MACLEOD Gillian -ENVIRONMENT; Tyson Haedrich
Cc: GILL Simon -CBUSDEV&STRT; Shantz, Phil
Subject: RE: Renewable Energy Approval Municipal / Local Authority Consultation Form

Hey Gillian. Happy New Year to you as well.

Here is your form completed and executed by the Clerk. Do you need the original? If so, let me know and I will send it to you.

Thanks.

Sue Flaherty
Administrative Assistant
Engineering Services Division

Haldimand County
Caledonia Satellite Office
282 Argyle St. S., Caledonia, ON N3W 1K7

Tel: 905-318-5932 x6404

Fax: 905-765-1436

www.HaldimandCounty.on.ca

Please consider the environment before printing this e-mail.

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

From: MACLEOD Gillian -ENVIRONMENT [<mailto:gillian.macleod@opg.com>]
Sent: Friday, January 20, 2017 2:56 PM
To: Tyson Haedrich <thaedrich@HaldimandCounty.on.ca>; Sue Flaherty <sflaherty@HaldimandCounty.on.ca>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; Shantz, Phil <Phil.Shantz@arcadis.com>
Subject: Renewable Energy Approval Municipal / Local Authority Consultation Form

Hi Tyson and Sue

Happy New Year to both of you. I Understand that Anthony and Simon had a very good presentation to the Mayor and Council earlier this week. Hope all is well with both of you.

Attached is the Municipal Consultation Form that is needed to be submitted with the REA. We have completed the Part A. Can you please complete Part B and email it back to me so that we can ensure its in our REA submission package.

As you know the Open House is on Feb 2, 2017. Next week we will be running a 'reminder' ad in the same papers we used in November. Let me know if you need copies of the ad. I have marked up copy-but not final typeset version right now.

Looking forward to seeing you at the Open House.

Best regards

Gillian

PART A – To be completed by the Applicant before submitting to Municipality or Local Authority
Section 1 – Project Description
1.1 – Renewable Energy Project

Project Name (Project identifier to be used as a reference in correspondence)

Project Location

 Same as Applicant Physical Address ? Yes No (if no, please provide site address information below)

Civic Address – Street information (includes street number, name, type and direction)

Unit Number	Street Number 700	Street Name University Avenue		
City/Town Toronto		Province Ontario	Postal Code M5G 1X6	
Telephone Number 416 592-3481	Fax Number	Email Address (if available) gillian.macleod@opg.com		
Survey Address (Not required if the Civic Address is provided)				
Lot/Part		Concession/Reference Plan	Municipality/Unorganized Township	
County/District	Province/State	Country	Postal Code	

Non Address Information (where the project spans many locations or a large rural area, specify how the project area relates to the address provided)

Geo Reference (Southwest corner of property)

Map Datum NAD83	Zone 17	Accuracy Estimate +/- 20 m
Geo Referencing Method UTM	UTM Easting 577038.81 mE	UTM Northing 4738892.65 m N

Project Phasing (outline construction, operation and decommissioning activities)

The 44MWac Solar facility will be built in accordance with the Project described in the REA Submission.

Construction will follow the Construction Plan, the operations decommissioning of the facility will be in accordance with the Design and Operations and Decommissioning Plans

1.2 – Environmental Context

Describe negative environmental effects that may result from engaging in the project (consider construction, operation and decommissioning activities).

Construction stage environmental effects are manageable using standard mitigation measures to reduce and eliminate the potential for negative effects to watercourses and waterbodies; none to minimal stormwater runoff is expected and erosion and sediment control measures will be put in place.

Propose early avoidance/prevention/mitigation concepts and measures.

Noise levels will comply with MOECC noise requirements; Compensation habitat secured to replace Bobolink habitat; key environmental features and functions of existing lands will be protected

1.3 – Renewable Energy Generation Facility

Type of Facility/Operation (select all that apply & complete all appropriate sections)

- Wind (Land Based)
- Wind (Off-Shore)
- Biogas
- Thermal Treatment
- Anaerobic Digestion
- Biofuel
- Solar Photovoltaic
- Others(describe) _____
- Class (if applicable) _____

Name Plate Capacity 44 MWac	Expected Generation Solar	Service Area	Total Area of Site (hectares) 178 ha
--------------------------------	------------------------------	--------------	---

Provide a description of the facilities equipment or technology that will be used to convert the renewable energy source or any other energy source to electricity
 The project is a Class 3 Solar facility with a nameplate capacity of 44 MWac. the solar PV tech is polycrystalline or monocrystalline modules, expected to be approx 300 W to 400W of rated power output, and each approx 2 m long by 1 m wide. Modules will be held by a fixed structure or singleaxis

1.4 – Renewable Energy Generation Activities

Describe the activities that will be engaged in as part of the renewable energy project
 In addition to following the Construction and Operations plans, an Environmental Management Plan that reflects the commitments made in the REA submissions, activities will follow those described in the renewable energy project documents.

Section 2 – Supporting Documents

2.1 – Required Documents Distributed for Consultation

Requirement	Name of Draft Document	Date (yyyy/mm/dd)
DRAFT Project Description Report	Draft Project Description, Nanticoke Solar	2016/10/01
DRAFT Design and Operations Report	Draft Design and Operations Report , Nanticoke Solar	2016/10/01
DRAFT Construction Plan Report	Draft Construction Plan Report, Nanticoke Solar	2016/10/01
DRAFT Decommissioning Plan Report	Draft Decommissioning Plan Report , Nanticoke Solar	2016/10/01

If applicable, as outlined in O. Reg. 359/09

DRAFT Archaeological Assessment	Report on the Stage 1&2 Archaeological Assessment in Support of the Nanticoke Solar Project	2016/10/27
DRAFT Heritage Assessment	Cultural Heritage Assessment Report Proposed Nanticoke Solar Project	2016/10/24
DRAFT Natural Heritage Assessment	Draft Natural Heritage Assessment and Environmental Impact Study Nanticoke Solar Project	2016/10/28
DRAFT Water Assessment	Draft Water Assessment and Water Body Report, Nanticoke Solar	2016/10/28
DRAFT Effluent Management Plan Report	N/A	
DRAFT Emission Summary and Dispersion Modeling Report	N/A	
Dispersion Modeling Report	N/A	
DRAFT Hydrogeological Assessment Report	N/A	

Requirement	Name of Draft Document	Date (yyyy/mm/dd)
DRAFT Noise Study Report	Draft Acoustic Assessment Report	2016/11/01
DRAFT Odour Study Report	N/A	
DRAFT Surface Water Assessment Report	Draft Storm Water Management Plan Report,	2016/10/01
DRAFT Specifications Report	N/A	
DRAFT Off-shore Wind Report	N/A	

2.2 – Cross Reference to Part B Section 5 – Municipal Consultation Requirements

Requirement	Name(s) of Draft Document(s) and Page Numbers where Relevant Information can be Found
Infrastructure and Servicing	N/A
Road Access	Site Plan and Construction Report
Traffic Management Plans	To be developed in consultation with the County's Road Operations and Engineering Services Division
Municipal Service Connections (other than roads)	N/A
Landscaping Design	N/A
Emergency Management Procedures / Safety Protocols	To be developed in conjunction with the County's Emergency Services Division
Easements or Restrictive Covenants	Road Use Agreement
Temporary Disturbance Areas / Municipal Infrastructure that could be Damaged During Construction	Road Use Agreement
Fire Hydrants and Connections to Existing Drainage, Water Works and Sanitary Sewers	N/A
Buried Kiosks and Above-Grade Utility Vaults	N/A
Building Code Permits and Licenses	Legislated by Ontario Building Code
Natural Features and Water Bodies	Natural Heritage Assessment and Environmental Impact Study Report
Archaeological Resource or Heritage Resource	Report on the Stage 1&2 Archaeological Assessment in Support of the Nanticoke Solar Project

2.3 – Location where written draft reports can be obtained for public inspection

Identify the location where written draft reports can be obtained for public inspection (physical location for viewing and the applicants project website if one is available)

- Jarvis Public Library

-Haldimand County Municipal Offices, Cayuga Admin Building, and Clerks Office

-Nanticoke Solar Project Website : www.nanticokesolar.com

Section 3 – Applicant Address and Contact Information

3.1 – Applicant Information (Owner of project/facility)

Applicant Name (legal name of individual or organization as evidenced by legal documents)

Nanticoke Solar LP

Business Identification Number

250766011

Business Name (the name under which the entity is operating or trading - also referred to as trade name)

Same as Applicant Name

Civic Address

Unit Number	Street Number 700	Street Name (Include type and direction) University Avenue	Province ON – Ontario	Postal Code M5G 1X4
City/Town Toronto				

Survey Address (Not required if the Civic Address is provided)

Lot/Part	Concession/Reference Plan	Municipality/Unorganized Township		
County/District	Province/State	Country	Postal Code	

Non Address Information (where the project spans many locations or a large rural area, specify how the project area relates to the address provided)

PART B – To be completed by the Municipality or local authority**Section 4 – Municipality or Local Authority Contact Information****4.1 – Municipal or local authority Information (complete one of the following sections)**Local Municipality / Unorganized Township Yes No


Name of Municipality

Corporation of Haldimand County

Address

Unit Number	Street Number 45	Street Name (Include type and direction) Munsee Street North	PO Box 400
City/Town Cayuga			Province ON – Ontario
Postal Code N0A 1E0		Telephone Number (incl. area code) 905 318-5932	ext.
Fax Number (incl. area code) 905 772-3542		Mobile Number (incl. area code)	

Clerk

Last Name Eichenbaum	First Name Evelyn	Middle Initial
Telephone Number (incl. area code) 905 318-5932	Email Address eeichenbaum@haldimandcounty.on.ca	
Signature 	Date (yyyy/mm/dd) 2017/01/26	

Upper Tier Municipality Yes No

Name of Municipality

Address

Unit Number	Street Number	Street Name (Include type and direction)	PO Box
City/Town			Province
Postal Code		Telephone Number (incl. area code)	ext.
Fax Number (incl. area code)		Mobile Number (incl. area code)	

Clerk

Last Name	First Name	Middle Initial
Telephone Number (incl. area code)	Email Address	
Signature	Date (yyyy/mm/dd)	

Local Roads Area Yes No

Name of Local Roads Board

Address

Unit Number

Street Number

Street Name (Include type and direction)

PO Box

City/Town

Province

Postal Code

Telephone Number (incl. area code)

ext.

Fax Number (incl. area code)

Mobile Number (incl. area code)

Secretary--Treasurer

Last Name

First Name

Middle Initial

Telephone Number (incl. area code)

Email Address

Signature

Date (yyyy/mm/dd)

Local Service Board area Yes No

Name of Local Service Board

Address

Unit Number

Street Number

Street Name (Include type and direction)

PO Box

City/Town

Province

Postal Code

Telephone Number (incl. area code)

ext.

Fax Number (incl. area code)

Mobile Number (incl. area code)

Secretary

Last Name

First Name

Middle Initial

Telephone Number (incl. area code)

Email Address

Signature

Date (yyyy/mm/dd)

Section 5 – Consultation Requirements

See Part A Section 2.2 to cross reference to locations in Draft Reports where information on specific Consultation Requirements can be found

5.1 – Project Location

Provide comment on the project location with respect to infrastructure and servicing.

Two of the County's roads (Rainham Road and South Coast Road) will be impacted by the project location. These impacts are increased traffic, entrances and one overhead hydro crossing on each road.

5.2 – Project Roads

Provide comment on the proposed project's plans respecting proposed road access.

A Road Use Agreement (RUA) will be executed (currently in development) that will govern the proposed road access.

Identify any issues and provide recommendations with respect to road access.

Any issues raised will be resolved through the RUA and discussions with the County's Roads Operations and Engineering Services Divisions.

Provide comment on any proposed Traffic Management Plans.

No comment, Traffic Management Plan has not been developed.

Identify any issues and provide recommendations with respect to the proposed Traffic Management Plans.
A Traffic Management Plan will have to be developed in consultation with the County's Roads Operations, Engineering Services and Emergency Services Divisions.

5.3 – Municipal or Local Authority Service Connections

Provide comment on the proposed project plans related to the location of and type of municipal service connections, other than roads.
N/A

Identify any issues and provide recommendations with respect to the type of municipal service connections, other than roads.
N/A

5.4 – Facility Other

Identify any issues and recommendations with respect to the proposed landscaping design for the facility.
N/A

Provide comment on the proposed project plans for emergency management procedures / safety protocols.
No comment, emergency management procedures and safety protocols have not been developed.

Identify any issues and recommendations with respect to the proposed emergency management procedures / safety protocols.
Emergency management procedures and safety protocols will have to be developed in consultation with the County's Emergency Services Division.

Identify any issues and recommendations with respect to any Easements or Restrictive Covenants associated with the Project Location.
Easements for road access and overhead hydro crossings will be governed by the Road Use Agreement.

5.5 – Project Construction

Identify any issues and recommendations with respect to the:

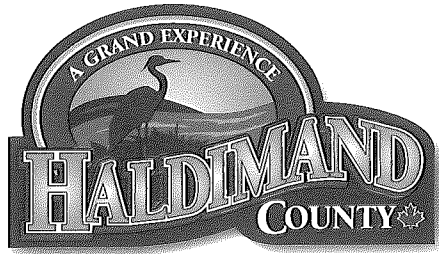
- proposed rehabilitation of any temporary disturbance areas and any municipal or local authority infrastructure that could be damaged during construction
- proposed location of fire hydrants and connections to existing drainage, water works and sanitary sewers
- proposed location of buried kiosks and above-grade utility vaults
- proposed location of existing and proposed gas and electricity lines and connections
- Building Code permits and licenses
- identification of any significant natural features and water bodies within the municipality or territory.
- identification any archaeological resource or heritage resource
- aerodromes and / or airports

The Road Use Agreement (to be developed) will cover damage and repair caused by the project to the County's right of way.

The proponent shall get all required permits (i.e. entrance permits, road closure forms, oversized roads, etc.) prior to the related activity taking place.

All construction activity related to the project is governed the County's Noise By-law 1098/10.

Storm water management shall follow all recommendations in the "Storm water Management Plan Report". Any changes to the plan shall be communicated to the County.



January 31, 2017

Simon Gill
Senior Manager, Corporate Business Development
Ontario Power Generation
700 University Avenue, 18th Floor
Toronto, ON M5G 1X6

Dear Mr. Gill:

RE: Nanticoke Solar LP

On behalf of Council, I would like to thank you for your delegation.

Please be advised that on January 23, 2017, Haldimand County Council adopted the following resolution:

THAT the correspondence dated December 9, 2016, and presentation material from Simon Gill, Senior Manager, Corporate Business Development, Ontario Power Generation Re: Nanticoke Solar LP be received as information.

Should you require further information, please contact the undersigned at 905-318-5932 x 6349.

Yours truly,

A handwritten signature in cursive script, appearing to read "E Eichenbaum".

Evelyn Eichenbaum
Clerk

EE/tc

Appendix E: Agency Correspondence

From: DiGiuseppe, Marilena

Sent: May 13, 2015 6:51 PM

Subject: A message from Ontario Power Generation's Nanticoke Solar project team – Notices and Invitations to Attend Public Community Meeting

Greetings from Ontario Power Generation's Nanticoke Solar project team.

On behalf of OPG, I would like to advise you that Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Please refer to the attached letter for further details. In addition, copies of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility are also attached, for your reference.

We would also like to extend to you, an invitation to our Public Community Meeting taking place on Wednesday June 3, 2015 at the Nanticoke Community Hall in Nanticoke, Ontario. This event will be held between 3:30 p.m. and 8:00 p.m. and the public is invited to come speak with OPG about the solar project. Details about this event can also be found in the attached letter and notices. We look forward to seeing you there!

If you have any comments, concerns, or questions, please contact us at info@nanticokesolar.com. For further details about the project, please visit our website at www.nanticokesolar.com.

Regards,

The OPG Nanticoke Solar Team

ONTARIO POWER
GENERATION

700 University Avenue Toronto, Ontario M5G 1X6

May 13, 2015

Dear Agencies,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. (“OPG”) or an associated Special Purpose Entity (referred to as OPG or the “Proponent”) has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO's Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokeSolar.com. We also invite you to visit the project website at www.NanticokeSolar.com. A copy of the project description report, which was prepared as part of the REA process, is also available for viewing on our website.

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc
Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet

From: DiGiuseppe, Marilena

Sent: August 11, 2015 11:17 PM

Subject: A Message from the Nanticoke Solar Project Team – Updated Information

This message is sent on behalf of Ontario Power Generation (OPG).

Greetings from the Nanticoke Solar project team.

OPG is pleased to announce that it has entered into a partnership with SunEdison Canadian Construction LP for the purpose of jointly submitting bids for Non-rooftop solar projects on September 1st to the Independent Electricity System Operator's – Large Renewable Procurement (LRP).

OPG and SunEdison will be hosting a Public Community Meeting on August 27th from 4:00 pm to 6:30 pm at the Nanticoke Community Hall – 38 Rainham Road, Nanticoke, ON N0A 1L0, where we would like to take the opportunity to introduce members of the community to SunEdison. Attached, please find the Notice of Public Community Meeting for our upcoming event, which contains further details. Please note that there have been no changes to the footprint of the Nanticoke Solar Project, or to any environmental information and technical information, that was presented at the June 3, 2015 Public Community Meeting. The Project website has been updated to reflect the announcement of the partnership between OPG and SunEdison.

We look forward to seeing you at our upcoming Public Community Meeting!

If you have any comments, concerns, or questions, please contact us at info@nanticokesolar.com. For further details about the project, please visit our website at www.nanticokesolar.com.

Regards,

The Nanticoke Solar Team



MOECC

Correspondence

From: Berlin, Hayley (MOECC) [<mailto:Hayley.Berlin@ontario.ca>]
Sent: Monday, November 10, 2014 1:21 PM
To: MACLEOD Gillian -ENVIRONMENT
Cc: Connolly, Gemma (MOECC)
Subject: Solar Projects

Hi Gillian


It was nice to speak to you this afternoon. I understand that OPG is part of the RFQ for the LRP and that you are trying to get a better understanding of the REA process. While it is early in the process to know if OPG will secure an LRP, we are happy to provide high level information about solar approvals.

We typically use the attached Pre-consultation submission form. However, if you don't have specific projects yet, if you could give us an indication of proposed locations and MWs that will help us with providing advice about the REA process.

Thanks

Hayley

Hayley Berlin
Manager – Service Integration Unit
EAASIB
Ministry of the Environment and Climate Change
416-314-7004



Lambton, Nanticoke and Lennox OPG Solar Development Projects Overview

**December 5, 2014 – MOECC
Pre-Consultation Meeting**



Overview

Renewable Energy Approval Team

SENES Consultants in Association With:

- ❖ Beacon Environmental – Natural Heritage and Water Assessments
- ❖ Advance Archaeology – Archaeology and Cultural Heritage Assessments

Environmental Processes

Ontario Power Authority Large Renewable Procurement 1
Request for Proposal (LRP 1 RFP)

O.Reg. 359/09 – Renewable Energy Approval – Class 3
Solar

Meeting Objectives (REA)

Present OPG and SENES team

Identify key agency contact people

Present and discuss key aspects of REA process

- ❖ REA Operational Flexibility
- ❖ Confirm Natural Heritage Assessment process for Species at Risk (SAR)
- ❖ Discuss potential solar development on ash landfill at Lambton Site

Next Steps

Background

OPG is new to solar projects

OPG to leverage and utilize existing sites

Large Renewable Procurement (LRP) is highly competitive

Tight timelines and requirements imposed by the OPA

September 4, 2014	OPG Submitted Request for Qualification (RFQ)
November 4, 2014	OPG Qualified to submit into Request for Proposal (RFP)
November 14, 2014	Release of draft documents: LRP I RFP and LRP I Contract
December 19, 2014	Draft LRP I RFP and LRP I Contract feedback period ends
April 1, 2015	Pre-registration Deadline
June 1, 2015	Proposal Submission Deadline
August 2015	Contract award

Awaiting for confirmation on transmission availability,
land use restrictions

REA Process



- ❑ **Class 3 Solar Projects at Three Sites:**
 - ❖ Lambton Generating Station Site (20 MW)
 - ❖ Nanticoke Generating Station Site (30 MW)
 - ❖ Lennox Generating Station Site (41 MW)
 - ❖ Operation flexibility desired to facilitate final design parameters
- ❑ **Project Description, Construction, D&O and Decommissioning Plan Reports**
- ❑ **Acoustic Assessment Report**
 - ❖ To consider site wide noise sources
- ❑ **Natural Heritage Assessment**
- ❑ **Archaeological and Cultural Heritage Assessments**
- ❑ **Consultation**

Natural Heritage and Water Body Assessments



Two Reports Required for Each Site

- ❖ Natural Heritage Assessment (with a Species at Risk Addendum) – 50 m study area
- ❖ Water Body Assessment – 120 m study area

Status of Environmental Compliance Approval (ECA) Water Treatment Ponds

- ❖ Not Considered to be a Water Body under O.Reg. 359/09?

Distinguishing between Ditches and Watercourses

- ❖ Guidance from MOECC?
- ❖ Historical precedents?

Process for Species at Risk

- ❖ Confirm contact required through District Offices

Archaeological and Cultural Heritage Assessments



Work to be completed by Advance Archaeology – Donna Morrison

Stage 1 Archaeological and Built/Cultural Heritage Assessments

Stage 2 Assessments if required, in compliance with current Ministry of Tourism and Culture standards and guidelines

First Nations will be consulted with all aspects of the work and especially if any artifacts, sites or cultural features are located

Potential Areas for Solar Development:

- Lambton: old coal pile and ash landfill – low potential for Archaeological Value
- Nanticoke: old coal pile – low potential for Archaeological Value
- Lennox: farming area – potential for Archaeological Value



First Nations Consultation Plan

Follow the OPA LRP 1 RFP and REA process requirements

- ❖ Face to Face meetings-depend on receipt of PD and consultation plan and mandatory forms to be signed
- ❖ Presentation of Technical Study Results

Submit PDR December 2014 to Generate List of First Nations to be Consulted- OPA requirements leave very little time to successfully engage First Nations and Metis

Public and Agency Consultation Plan



Follow the REA and OPA LRP 1 RFP process requirements

- ❖ First REA Open Houses – March 2015
- ❖ Final REA Open Houses – November 2015

Consultation with Public, Adjacent Land Owners, Municipalities, Conservation Authorities, Ministry of Transportation

Project Notices, Meeting Notices, Project Websites

Lambton Ash Landfill Site



Currently not a closed Landfill

West Side of Landfill Capped – East side not Capped

Closure Plan Submitted – currently under review by MOECC

Project understanding is the priority is to cap east side of landfill in 2015

Process Forward to Use this Site?

- ❖ Recognize that EPA Section 46 does not currently apply

Lambton Constraints

Figure 1

OPG REA Application

Legend

- Subject Property
- Potential Developable Area**
- Carry Forward (Beacon, 2014)
- Further Study (Beacon, 2014)
- Preliminary Screen Area (Hatch, 2014)
- Watercourse
- Woodland
- Wetland - Provincially Significant - LIO (PSW)
- Potential Wildlife Area
- Setbacks**
- Waterbody + 30 m
- Watercourse + 30 m
- Wetland + 30 m
- Woodland + 30 m

First Base Solutions
Web Mapping Service 2010

UTM Zone 17 N, NAD 83

0 105 210 420 Metres



1:11,000

Project 214350
November 2014
BEACON ENVIRONMENTAL DRAFT





Nanticoke Constraints

Figure 2

OPG REA Application

Legend

- OPG Property
- Potential Developable Area**
- Carry Forward (Beacon, 2014)
- Further Study (Beacon, 2014)
- Preliminary Screen Area (Hatch, 2014)
- Watercourse
- Waterbody
- Woodland
- Wetland - Unevaluated/Non- Provincially Significant - LIO
- Potential Wildlife Area
- Setbacks**
- Waterbody + 30 m
- Watercourse + 30 m
- Wetland + 30 m
- Woodland + 30 m

First Base Solutions
Web Mapping Service 2010

UTM Zone 17 N, NAD 83

0 125 250 500 Metres



1:13,000

BEACON
 ENVIRONMENTAL **DRAFT**

Project 214350
November 2014



**Lennox
Constraints**

Figure 3

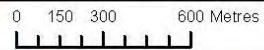
OPG REA Application

Legend

- OPG Property
- Potential Developable Area**
- Carry Forward (Beacon, 2014)
- Further Study (Beacon, 2014)
- Preliminary Screen Area (Hatch, 2014)
- Watercourse
- Intermittent or Ephemeral Drainage Feature
- Ephemeral Drainage Feature To Be Confirmed
- Waterbody
- Dugout Pond
- Woodland
- Wetland - Provincially Significant - LIO (PSW)
- Wetland - Unevaluated / Non-Provincially Significant - LIO
- Setbacks**
- Waterbody + 30 m
- Watercourse + 30 m
- Wetland + 30 m
- Woodland + 30 m

First Base Solutions
Web Mapping Service 2008

UTM Zone 17 N, NAD 83



1:16,000

Project 214350
November 2014

Schedule – Next Steps

MOECC Pre-Consultation Meeting – December 2014

Submission of Draft PDR to MOECC – December 2014

First Nation Consultation Throughout Project

Open Houses

- ❖ First REA Open Houses – March 2015
- ❖ Final REA Open Houses – November 2015

Municipal Consultation – February and May 2015

Field Studies – Winter and Spring 2015

Technical Reports to be Completed May 2015

Regulator/Agency Consultation – Ongoing

OPA LRP 1 RFP to be Submitted June 2015 – Brings REA Processes Forward

REA Submission – December 2015



**ANY FURTHER
QUESTIONS?**

From: Schlag, Michelle (MOECC) [<mailto:Michelle.Schlag@ontario.ca>]
Sent: Wednesday, March 11, 2015 2:09 PM
To: info@nanticokesolar.com
Cc: msmith@senes.ca; Santos, Narren (MOECC)
Subject: Nanticoke Solar Project s.14 List of Aboriginal Communities to be Consulted

Good Afternoon Svetlana,

Attached is the s.14 list of Aboriginal communities to be consulted for the Nanticoke Solar Project. Also attached is the Aboriginal Consultation Guide for Preparing a Renewable Energy Approval Application and the Required Elements for Consultation Plans. The original letter and supporting documents are in the mail.

Thank you,

Michelle Schlag, MNRM
Aboriginal Consultation Advisor
Environmental Approvals Access and Service Integration Branch
Ministry of the Environment and Climate Change
Operations Division
2 St. Clair Avenue West
Toronto ON M4V 1L5
Phone: 416-326-9608
Fax: 416-246-7171

**Ministry of the Environment
and Climate Change**

Environmental Approvals
Access and Service
Integration Branch

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

**Ministère de l'Environnement et de
l'Action en matière de changement
climatique**

Direction de l'accès aux
autorisations environnementales
et de l'intégration des services

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



March 6, 2015

Svetlana Helc
Project Manager
Ontario Power Generation
700 University Avenue H18 D16
Toronto ON M5G 1X6

Dear Ms. Helc:

RE: Notification of Proposed Renewable Energy Project

The Ontario Ministry of the Environment and Climate Change (the Ministry) has reviewed the information provided in the Draft of the Project Description Report (PDR) received for the Nanticoke Solar Project. The Ministry has reviewed the anticipated environmental effects of the project (as described in the PDR) relative to its current understanding of the interests of Aboriginal communities in the area.

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

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

Aboriginal Community Common Name: Reserve Name [if applicable]: Contact Information
Mississaugas of the New Credit First Nation 2789 Mississauga Road RR 6 Hagersville ON N0A 1H0 Phone: (905) 768-1133 Fax: (905) 768-1225

Six Nations of the Grand River
P.O. Box 5000
Ohsweken ON N0A 1M0
Phone: (519) 445-2201
Fax: (519) 445-4208

Haudensaunee Confederacy Council
2634 6th Line, RR#2
Ohsweken ON N0A 1M0

Copy correspondence to:

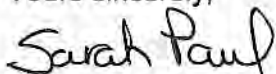
Haudenosaunee Development
Institute
P.O. Box 714
Ohsweken ON N0A 1M0
Phone: (519) 445-4222
Fax: (519) 445-2389

Please submit to the Ministry a Consultation Plan in relation to the above noted communities prior to initiating Aboriginal consultation for a Renewable Energy Approval for the Nanticoke Solar project. In developing your consultation plan the attached required "Required Elements" must be reflected.

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

Please contact Gemma Connolly, Service Integration Supervisor at 416-326-3213 or by e-mail at Gemma.Connolly@ontario.ca should you have any questions or require additional information.

Yours sincerely,



Sarah Paul
Director
Environmental Approvals Access and Service Integration Branch

c: Gillian MacLeod, Sr. Environmental Advisor Ontario Power Generation 700 University Avenue
H18 D16 Toronto ON M5G 1X6
Malcom Smith, Sr. Environmental Engineer ARCASIS SENES Canada Inc., 121 Granton Drive
Unit 12 Richmond Hill ON L4B 3N4

Attc: Required Elements of a Consultation Plan
Aboriginal Consultation Guide for preparing a Renewable Energy Approval Application

From: MACLEOD Gillian -ENVIRONMENT
Sent: Tuesday, April 26, 2016 4:24 PM
To: Giselle De Grandis (giselle.degrandis@ont.ca)
Cc: Shantz, Phil; HELC Svetlana -CBUSDEV&CRO; 'Simon Gill'
Subject: master solar preconsultation with moe.pptx

Hi Giselle,

It was nice talking to you today, and welcome to the team. As I mentioned we (OPG) already did a pre-consultation meeting with Nareen back in Dec 2014. I am attaching the slide deck that we used for that meeting with her.

As I mentioned, I was calling to ask Nareen for a 2nd meeting with my team so that we could give MOECC an update as to what work we have done, and where we are going. As well, we wanted to clarify some timing and review questions we had etc.

Now that you have taken over the file from Nareen who is on mat leave, I am sending this info to you to help you get up to speed. Just to be clear, we did talk to Nareen about 3 projects, at Lambton, Lennox and Nanticoke, but at this point there is just the one project under the LRP - Nanticoke

Can you please get back to me with respect to a few dates where my team can come up to your office and meet you, and get a proper update done and then use that to make sure we are all on the same page and scheduled re what's done, what's left to be done and by when.

Looking forward to hearing from you.

My coordinates are:

Phone: 416 592 3481

Cell 416 528 0967

Address 700 University Ave , H18D16, Toronto Ont. ,M5G 1X6

Gillian.macleod@opg.com<<mailto:Gillian.macleod@opg.com>>

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: April 30, 2015 12:51 PM
To: Narren Santos (narren.santos@ontario.ca) <narren.santos@ontario.ca>
Cc: HELC Svetlana -CBUSDEV&CRO <svetlana.helc@opg.com>; Smith, Malcolm <Malcolm.Smith@arcadis.com>
Subject: slightly changed project site

Hi Nareen,

Further to the voice message i left you, I am sending you 2 drawings/maps the attached show what the site location originally looked like in January, and the current footprint. As you can see we added 1 lot to the east of the existing site.

I realize that MOE made a determination of exactly which first nations we need to consult with- and we are in the process of doing just that-however, I wanted to make sure that A) you are aware of this change B) you have the information to let me know if this is a problem or not- namely a problem with respect to the ' list'.

We have updated the Project Description Document so I am also attaching a copy of the most recent PDR. Note that the ads for the Community engagement meeting in June are out, the website is live etc.

Please give me a call, I would like to discuss this change and also discuss some information that came up when talking to the Mississaugas of New Credit.

Thanks

Gillian

From: MACLEOD Gillian -ENVIRONMENT
Sent: Tuesday, May 24, 2016 12:07 PM
To: 'De Grandis, Giselle (MOECC)'
Cc: HELC Svetlana -CBUSDEV&CRO; Simon Gill (sgill@sunedison.com); 'Shantz, Phil'
Subject: RE: REA Pre-Submission Consultation Request Form

Hi Giselle

Attached is the completed form to get us started for a meeting. I was out of the office all week last week and not at a computer where I could send files out.

Maybe we can start identifying some dates for the coming 2-3 weeks or sooner if that works for you.

Call if you have any questions. One of the things I want to do especially since we started off the dialogue with Nareen is to recap the various REA work we undertook in parallel with the LRP activities just to make sure we are still aligned with you.

Looking forward to hearing from you

Gill

From: De Grandis, Giselle (MOECC) [<mailto:Giselle.DeGrandis@ontario.ca>]
Sent: Friday, May 06, 2016 4:44 PM
To: MACLEOD Gillian -ENVIRONMENT
Subject: REA Pre-Submission Consultation Request Form

Hi Gillian,

My apologies for my slow response. Could you please complete the attached form and email it back to me? This will help MOECC better plan for the meeting, which we should be able to set up for a time in the coming 2-3 weeks.

Thanks,
Giselle

Giselle De Grandis | Senior Program Support Coordinator
Environmental Approvals Access and Service Integration Branch
Ministry of the Environment and Climate Change
135 St. Clair Ave W, 1st Floor, Toronto, ON M4V 1P5
Email: giselle.degrandis@ontario.ca | Tel: 416-314-8442

Proponent Pre Submission Consultation Meeting
To Discuss Approval Requirements
 (e.g. Environmental Compliance Approvals, Renewable Energy Approvals, Environmental Assessment Act approvals)

Name of Proponent (Company): NanticokeSolar		Date: 2016/05/24
Contact Information for Meeting Participants:		
Name(s)/Company/Position/Phone/Email: Gillian MacLeod Sr. Environmental Advisor, Ontario Power Generation, 416 592 3481 Gillian.macleodo@opg.com		
Name of Project: NanticokeSolar Is the Facility on Crown Land? (highlight/check) Yes No X Is this project subject to Environmental Assessment Act approvals? (highlight/check) Yes X No	Location of Project (address including municipality): NanticokeSolar. P.O. Box 2000, Nanticoke, Ontario N0A 1L0	Is this a new facility? (highlight/check) Yes No The Proposed New solar infrastructure to be located at existing OPG Generating Station at Nanticoke
Facility Type: (highlight/check) Heavy Industrial –Electrical Generation Renewable Energy: (highlight/check one if applicable) Solar		
MOE Region (highlight/check): Nanticoke WestCentral		
Project Description: (project size, capacity, type of equipment, etc.) Nanticoke Solar is approximately 300 acres; 44MW project, ground mount solar located at the former Nanticoke site. Please refer to the project website www.nanticokesolar.com to get more information on the Project Description and various maps etc.		

Potential Emissions (general volumes if known) **and Sources of Emissions:**

No emissions to atmosphere
 Noise emissions from transformers and inverters

Project Timing: (proposed construction / start up) yyyyymmdd

In accordance with LRP 1 rules, anticipated date for construction is Q4 2017

Anticipated Commercial Operations Date COD March 9 2019

Expected Application Submission Date(month/year):

REA Application anticipated to be submitted Q1 2017

Status of Project Approval: (highlight/check)

New Approval - development stage (not initiated) Work is underway to complete the REA approval

Potential Approvals needed from MOE: (highlight/check as needed)

Environmental Compliance Approval: Air **Noise** X Waste Wastewater
 Permit to Take Water (PTTW) Pesticides

Renewable Energy Approval: Wind **Solar** X Bioenergy Biogas
 Environmental Assessment

Have you met with other provincial and federal regulatory agencies? (if so, identify which ones and provide details of outcomes)

We met with MOE in Dec 2014 for a pre-submission consultation Meeting before we submitted the bid for the LRP1. Given the length of time since that meeting, we would like to meet with MOECC to review the work we have completed and to discuss, clarify a few items as

For renewable energy projects only - Status of FIT contract:

This is not a FIT contract.
 It's an LRP 1 Contract

OPA Registration Number: (if applicable)

we go forward.

N/A see above

Should other provincial/federal agencies be invited to the Pre-submission Meeting? (e.g. Ministry of Natural Resources for Crown Land projects, Ministry of Culture and Tourism for archaeological assessments, Conservation Authority permits, etc.) We can discuss this with MOE File Coordinator

Questions and Issues requested to be addressed in the pre-submission consultation meeting:

OPG would like to discuss the following in order to clarify and confirm information:

Consultation:

- Aboriginal Consultation
- Public Consultation

Summarize Fieldwork to date

REPORTS:

- Construction Plan Report
- Design and Operations Report:
 - Storm Water Management
 - Traffic
- Decommissioning Report

Work with other Ministries:

Culture
MNR
Conservation Authority
Municipality

Please return this completed form at least **3 weeks before** approx. preferred meeting date.

Email completed forms to: MOE.ServiceIntegration@ontario.ca
Thank you for helping us serve you better

ONTARIOPOWER
GENERATION



Ministry of the Environment and Climate Change (MOECC)

Consultation Meeting II - REA Process
June 22, 2016

- Meeting Goals
- Background
 - Project Overview
 - Project Site
- Progress Reports
 - Consultation
 - Field Studies
- Project Schedule
- REA Process and Roles
- Post-REA Permits
- Questions/Discussion
- Next steps
- Contact Information

1. Review and confirm regulatory requirements
2. Summarize activities for development, construction and operation phase
3. Identify questions and request clarifications
4. Identify additional permits & authorizations

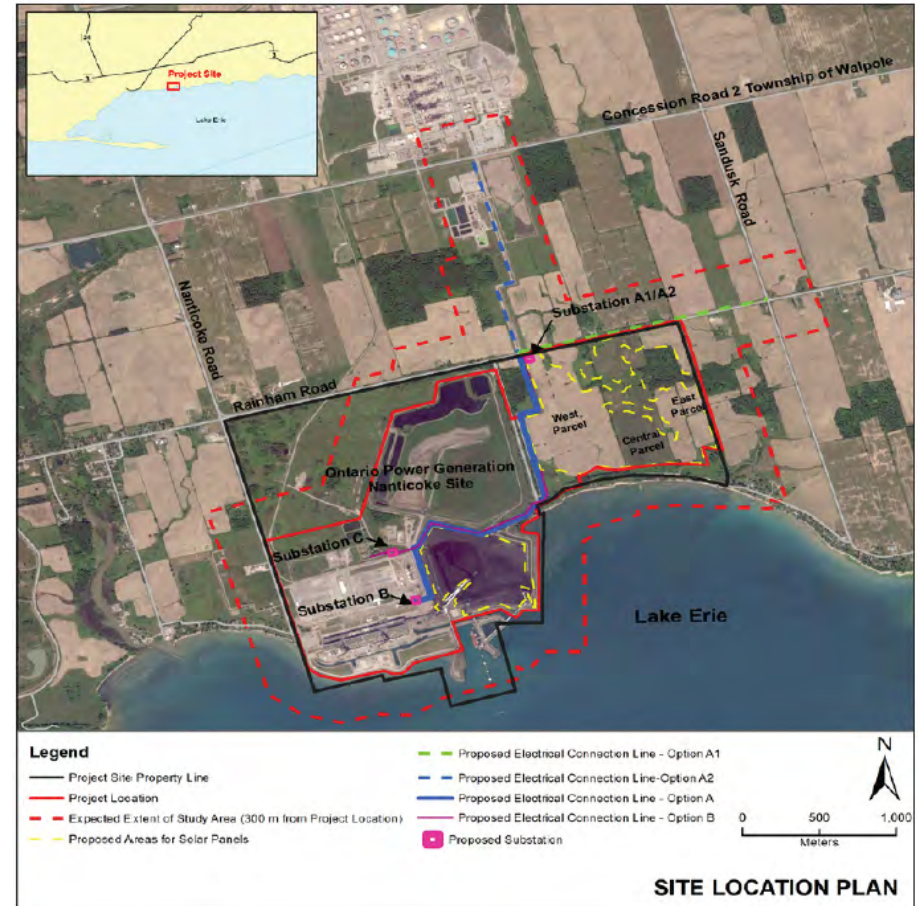


- “The Proponent”, Nanticoke Solar LP, consists of a partnership between:
 - Ontario Power Generation Inc.
 - SunEdison Canadian Construction LP
 - Six Nations Development Corporation

The logo for Ontario Power Generation, with "ONTARIO" in black, "POWER" in red, and "GENERATION" in black.

- The IESO awarded a **Large Renewable Procurement (LRP I) Contract** to Nanticoke Solar LP:
 - To develop and operate a **44 MW ground-mounted solar (MOECC Class 3)**
 - Installation of solar photovoltaic (PV) panels on 4 parcels of land
 - Nanticoke Solar LP and IESO executed a 20-year contract
 - Commercial Operation Date (COD): **March 2019**
- **Lennox Solar and Lambton Solar** were not successful in the LRP I Program

- **Location:** The former Nanticoke G.S. site in Haldimand County, ON
 - Project is situated on four (4) parcels of land:
 - ▶ Coal Pile
 - ▶ Denis Farm
 - ▶ IOL East
 - ▶ IOL West
 - Will connect to the transmission system through the Nanticoke switchyard

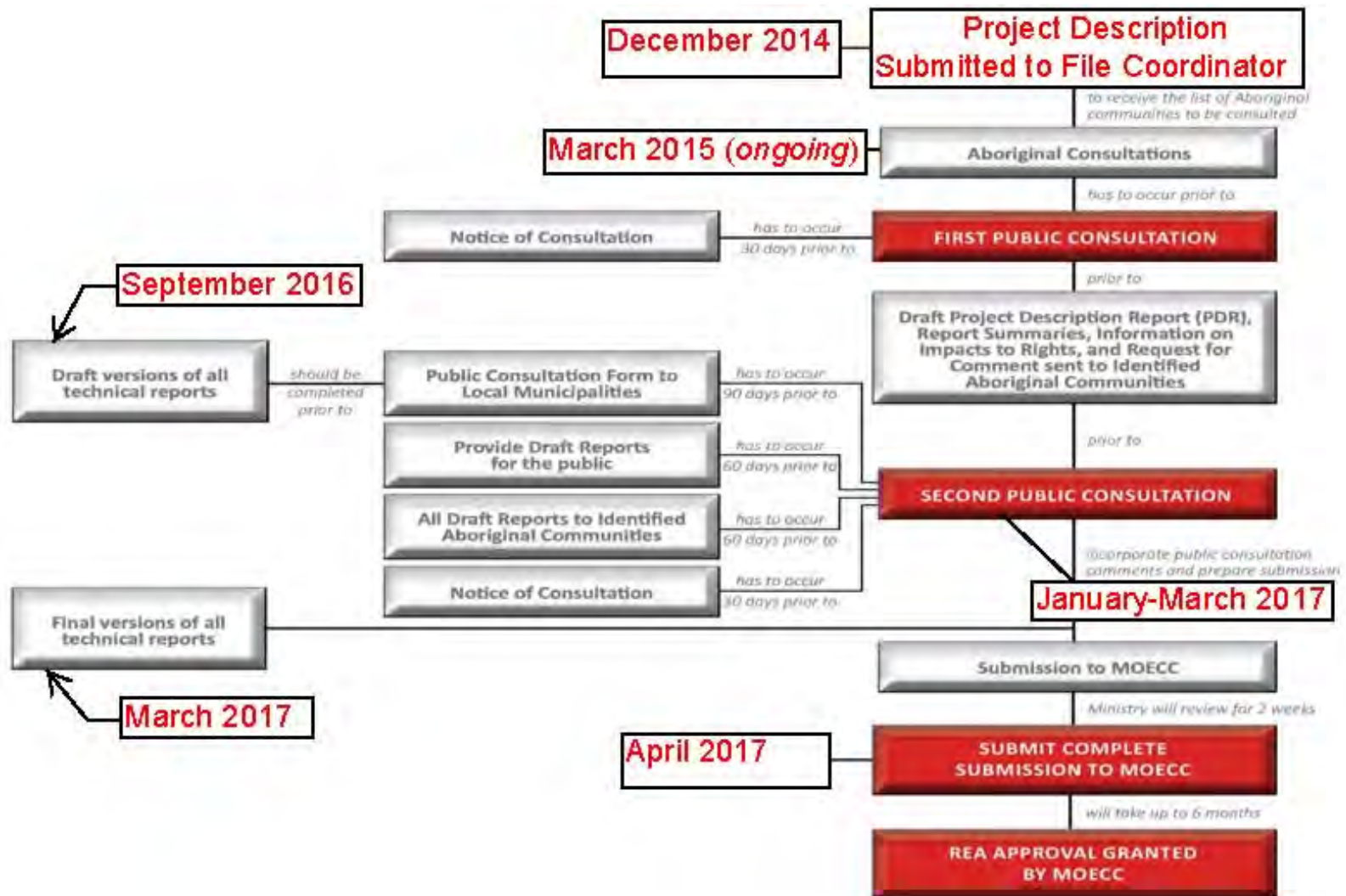


- Open House:
 - First Public Meeting: June/August 2015
 - Second Public Meeting: Q1 2017

- First Nation Consultation began Q1 2015 and is ongoing with the following FN:
 - Six Nations of the Grand River
 - Haudenosaunee Chiefs Confederacy Council
 - Mississaugas of the New Credit First Nations

- Archaeology (Stage 1 & 2) – *Field work complete*
- Cultural Heritage Assessment Study – *Field work complete*
- Natural Heritage Assessment – *Field work complete*
 - Habitat Compensation – *In Progress*
- Waterbody Assessment – *Complete*
- Geotechnical Survey - *Complete*
- Noise:
 - Baseline Study – *Complete*
- Stormwater – *In Progress*
- *Draft Reports* expected **Q3/Q4 2016**

- Definition/Development phase activities will continue into early 2017, including:
 - Site field work Q2/Q3 2016 includes:
 - ▶ Archaeology studies;
 - ▶ Topographical survey; and
 - ▶ Test pile (foundation) program
 - Renewable Energy Approval - Open House in Q1 2017
- Construction may start as early as December 2017
- Commercial operation by Q1 2019



Potential Provincial Permits and Authorizations:

- SIA/CIA
- Connection Cost Recovery Agreement (CCRA)
- Generator's License
- Notice of Project
- Transportation Plan
- Development, interface, with Wetlands, and Alterations to Shorelines and Watercourses Permit
- Endangered Species Act Permit

1. What is the length of time required for MOECC pre-Open House review of REA Reports?
2. Are Stage 1 & 2 archaeological studies sufficient for completion of REA reports – Stage 3&4 to happen prior to construction?
3. Is a conceptual design sufficient for the Storm water Management Plan?
4. Challenges with HDI – how will this impact on schedule?
5. *OPG team to revise and input on questions*
6. *Coal Management?? For discussion on 17th*



Gillian MacLeod

Senior Environmental Advisor
Ontario Power Generation Inc.
700 University Avenue H18 D16
Toronto, ON, M5G 1X6
(P) 416-592-3481
(F) 416-592-3489

Svetlana Helc

Project Manager, Corporate
Business Development
Ontario Power Generation Inc.
700 University Avenue H18 E22
Toronto, ON, M5G 1X6
(P) 416-592-6658
(F) 416-592-3489

Project Email: info@nanticokesolar.com
Project Website: www.nanticokesolar.com

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: October 20, 2016 11:19 AM
To: 'De Grandis, Giselle (MOECC)' <Giselle.DeGrandis@ontario.ca>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; Shantz, Phil <Phil.Shantz@arcadis.com>; DiGiuseppe, Marilena <Marilena.Digiuseppe@arcadis.com>
Subject: RE: gill oct 20 351100-001 Draft Nanticoke Solar Notice of Public Meeting - 18Oct16.docx

Hi Giselle,

Thanks for looking into my question on the ad that I sent earlier this morning. I think the problem is that the appendix of the REA guidance has given proponents sample ads for 2 out of 3 activities :

- a) Introducing the project - the Notice of a Proposal;
- b) Notice of Public Meeting (the 2nd open house)

BUT while it requires that the public GET reports 60 days ahead of the Open House- IT DOES NOT PROVIDE ANY GUIDANCE ON HOW TO ADVERTISE, and how many ads to run etc AND LET PEOPLE KNOW THAT DOCUMENTS ARE AVAILABLE

In the hydro side of the business under Reg 116 and or the OWA Class EA- you do a NOTICE of Completion ad after you do the 2nd Open house . That Process is very clear how many ads and content etc etc. ... so its very clear what gets done in what ad for those project. THE REA sample ads are are not clear because they are missing the middle activity that is mandatory, but does not give guidance on the mandatory activity..

We will take your advice with respect to content and timing . Our objective in this ad is to let people know the material is available 60 days prior to the Open House , and then it also gives the date of the Open House.

Looking forward to getting your feedback Gillian _____

From: MACLEOD Gillian -ENVIRONMENT
Sent: Thursday, October 20, 2016 10:47 AM
To: 'De Grandis, Giselle (MOECC)'
Subject: gill oct 20 351100-001 Draft Nanticoke Solar Notice of Public Meeting - 18Oct16.docx

<< File: gill oct 20 351100-001 Draft Nanticoke Solar Notice of Public Meeting - 18Oct16.docx >>

From: De Grandis, Giselle (MOECC) [mailto:Giselle.DeGrandis@ontario.ca]
Sent: October 24, 2016 3:41 PM
To: MACLEOD Gillian -ENVIRONMENT <gillian.macleod@opg.com>
Cc: GILL Simon -CBUSDEV&STRT <simon.gill@opg.com>; DiGiuseppe, Marilena <Marilena.Digiuseppe@arcadis.com>; U Ernie -CBUSDEV&STRT <ernest.u@opg.com>
Subject: RE: 351100-001 Draft Nanticoke Solar Notice of Public Meeting Version 1 - 21 (4).docx

Yes, I accepted the calendar invite for tomorrow's call and forwarded it to my colleagues. We're on for 2-2:30pm.

Giselle

Giselle De Grandis | Senior Program Support Coordinator - Service Integration EAASIB, MOECC | Email: giselle.degrandis@ontario.ca | Tel: 416-314-8442

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

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: October-24-16 3:39 PM
To: De Grandis, Giselle (MOECC)
Cc: GILL Simon -CBUSDEV&STRT; DiGiuseppe, Marilena; U Ernie -CBUSDEV&STRT
Subject: RE: 351100-001 Draft Nanticoke Solar Notice of Public Meeting Version 1 - 21 (4).docx

We will have the questions to you end of day.
Can we confirm the call at 2-2:30 tomorrow?

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

From: De Grandis, Giselle (MOECC) [mailto:Giselle.DeGrandis@ontario.ca]
Sent: Monday, October 24, 2016 1:45 PM
To: MACLEOD Gillian -ENVIRONMENT
Cc: GILL Simon -CBUSDEV&STRT; DiGiuseppe, Marilena; U Ernie -CBUSDEV&STRT
Subject: RE: 351100-001 Draft Nanticoke Solar Notice of Public Meeting Version 1 - 21 (4).docx

Hi Gillian,

Can you please send me your questions for our noise engineer(s) by end of day today?

Here are the times we're available for a 30 min. phone call -- please let me know which time slot works for you:

- Tuesday, Oct. 25: 2-2:30pm, 3-3:30pm
- Wednesday, Oct. 26: 11:30am-12pm, 3-3:30pm, 3:30-4pm

Re. your draft Notice of Public Meeting ad -- please substitute 'IESO Contract Number:' for the out of date 'OPA Reference Number:' field. The draft over all looks consistent with ministry requirements. The notice should reflect actual ad date.

Thanks,
Giselle

Giselle De Grandis | Senior Program Support Coordinator - Service Integration EAASIB, MOECC | Email: giselle.degrandis@ontario.ca | Tel: 416-314-8442

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

From: MACLEOD Gillian -ENVIRONMENT [<mailto:gillian.macleod@opg.com>]

Sent: October-24-16 9:25 AM

To: De Grandis, Giselle (MOECC)

Cc: GILL Simon -CBUSDEV&STRT; DiGiuseppe, Marilena; U Ernie -CBUSDEV&STRT

Subject: 351100-001 Draft Nanticoke Solar Notice of Public Meeting Version 1 - 21 (4).docx

Hi Giselle,

I just wanted to let you know that we are working towards getting reports out to the municipality by the end of this week. Have you got a time and date for our conference call with your Noise guy?

As well, attached is a final draft of the ad we propose to use. It is NOT the exact ad as suggested in the guide Appendix Templates , but it has been used by other solar projects in the past who wanted to let the public know that reports are available -and where and to also give them a heads up that a 2nd open house will be held after . Please confirm that you are OK with this ad.

Looking forward to hearing back from you about the noise and the ad.

thanks

Gillian

From: De Grandis, Giselle (MOECC) [mailto:Giselle.DeGrandis@ontario.ca]
Sent: November 2, 2016 3:34 PM
To: MACLEOD Gillian -ENVIRONMENT <gillian.macleod@opg.com>
Cc: DiGiuseppe, Marilena <Marilena.Digiuseppe@arcadis.com>
Subject: RE: Follow up to vm re ad. Size

Hi Gillian,

The ministry doesn't specify ad size. It must, however, meet the content requirements outlined in the Tech Guide.

Hope this helps.

Giselle

Giselle De Grandis | Senior Program Support Coordinator – Service Integration EAASIB, MOECC | Email: giselle.degrandis@ontario.ca | Tel: 416-314-8442

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

From: MACLEOD Gillian -ENVIRONMENT [mailto:gillian.macleod@opg.com]
Sent: November-02-16 3:21 PM
To: De Grandis, Giselle (MOECC)
Cc: 'mdigiuseppe@senes.ca'
Subject: Follow up to vm re ad. Size

Are there limits in the rea process. With respect to ad size The ad company has advise that due to the amount of text we go with full page ad Alternatively they say. Reduce the words I think. Its trickery to strip the content that is needed. - versus going with larger adis Does the rea guidance speak to min or max ad size Please advise Gill

From: MACLEOD Gillian -ENVIRONMENT
Sent: Wednesday, January 18, 2017 2:21 PM
To: 'De Grandis, Giselle (MOECC)'
Cc: Shantz, Phil; 'DiGiuseppe, Marilena'; GILL Simon -CBUSDEV&STRT
Subject: FW: followup re REA REports Nanticoke Solar

Giselle,

I am hoping that the stuff I sent you back in November(see email below) is proof that I kept the Ministry in the loop re the AD. The email had a copy of the ad and in the body of the email we note which papers and dates the ad will show.

I also have actual copies of the newspapers showing the date and the name of the paper and the ad.

Do you need copy of the actual papers?

Please advise on the forms

Thanks

Gill

From: MACLEOD Gillian -ENVIRONMENT
Sent: Thursday, January 19, 2017 3:08 PM
To: Geoffrey Knapper (geoffrey.knapper@ontario.ca)
Cc: 'De Grandis, Giselle (MOECC)'; Shantz, Phil; GILL Simon -CBUSDEV&STRT
Subject: FW: followup re REA REports Nanticoke Solar

Hi Geoffrey

It was nice talking to you today. I am forwarding the package that I sent to Giselle originally in November 2016 and more recently (yesterday)

As discussed I will forward a copy of the reminder AD to you and Giselle as soon as I get it back from the ad company. This way you at least have a record of where reports are for public review AND are aware of the upcoming Final REA Open House on Feb 2nd -see ad for address and time etc. As well all of this including copies of the ad are on the project website

<http://nanticoke-solar.com/notices/>

Please feel free to contact me if you have any questions on the Nanticoke Solar Project.

Best Regards

Gillian MacLeod
Sr. Advisor, Environment
Corporate Business Development

416 592 3481

MNRF

Correspondence

March 6th, 2017

Gillian MacLeod
SR. Environmental Advisor
Nanticoke Solar
700 University Avenue
Toronto, Ontario
M5G 1X6

RE: NHA Confirmation for Nanticoke Solar Project

Dear Gillian MacLeod,

In accordance with the Ministry of the Environment and Climate Change's (MOECC's) Renewable Energy Approvals (REA) Regulation (O.Reg.359/09), the Ministry of Natural Resources and Forestry (MNRF) has reviewed the Natural Heritage Assessment and Environmental Impact Study for Nanticoke Solar Project in Haldimand County, Ontario submitted by Nanticoke Solar LP March 2nd, 2017.

In accordance with Section 28(2) and 38(2)(b) of the REA regulation, MNRF provides the following confirmations following review of the natural heritage assessment:

1. The MNRF confirms that the determination of the existence of natural features and the boundaries of natural features was made using applicable evaluation criteria or procedures established or accepted by MNRF.
2. The MNRF confirms that the site investigation and records review were conducted using applicable evaluation criteria or procedures established or accepted by MNRF, if no natural features were identified.
3. The MNRF confirms that the evaluation of the significance or provincial significance of the natural features was conducted using applicable evaluation criteria or procedures established or accepted by MNRF.
4. The MNRF confirms that the project location is not in a provincial park or conservation reserve.
5. The MNRF confirms that the environmental impact study report has been prepared in accordance with procedures established by the MNRF.

This confirmation letter is valid for the project as proposed in the natural heritage assessment and environmental impact study, including those sections describing the Environmental Effects Monitoring Plan and Construction Plan Report. Should any changes be made to the proposed project that would alter the NHA, MNRF may need to undertake additional review of the NHA.

Where specific commitments have been made by the applicant in the NHA/EIS with respect to project design, construction, rehabilitation, operation, mitigation, or monitoring, MNRF expects that these

commitments will be considered in MOECC's Renewable Energy Approval decision and, if approved, be implemented by the applicant.

A commitment has been made in the Environmental Impact Study and will be included in the Environmental Effects Monitoring Plan, as part of the Design and Operations Report, to establish an area of tallgrass prairie at an off-site location to mitigate for the removal of that feature within the project location. Active management and annual monitoring over a period of five years is included as part of this commitment.

In accordance with S.12 (1) of the Renewable Energy Approvals Regulation, this letter must be included as part of your application submitted to the MOECC for a Renewable Energy Approval.

Please be aware that your project may be subject to additional legislative approvals as outlined in the Ministry of Natural Resources and Forestry' *Approvals and Permitting Requirements Document*. These approvals are required prior to the construction of your renewable energy facility.

If you wish to discuss any part of this confirmation or additional comments provided, please contact Mike Poskin, Regional Renewable Energy Coordinator at 705-755-1362 or mike.poskin@ontario.ca.

Sincerely,



Erin Cotnam

cc Mohsen Keyvani, Environmental Approvals Branch, MOECC
Cori Carveth, Beacon Environmental

February 26, 2015

BEL 214350

Ms. Karine Beriault
Management Biologist
Ministry of Natural Resources and Forestry
4890 Victoria Ave N
PO Box 5000
Vineland ON L0R2E0

**Re: Species at Risk Information Request – Ontario Power Generation - Nanticoke
Generating Station**

Dear Ms. Beriault:

Beacon Environmental is working with Ontario Power Generation to complete a Renewable Energy Approval in support of proposed solar power generation facility at the Nanticoke Generating Station. The Nanticoke Generating Station is located on the north shore of Lake Erie in Haldimand County, Ontario. I have attached site maps for your reference.

As part of our review, we would like to request any species at risk information that the Ministry of Natural Resources and Forestry (MNRF) has on file for the site. We have completed a preliminary review of background information available for the sites, including a review of the Natural Heritage Information Centre mapping, and understand that there are records of Bobolink, Eastern Meadowlark, and Common Snapping Turtle. Any information MNRF can provide for these species records as well as any additional information regarding species at risk at the Nanticoke Generating Stations would be helpful.

Please feel free to contact me by email ccarveth@beaconenviro.com or phone 705-243-7251 ext. 401 should you have any questions.

Yours truly,
Beacon Environmental



Cori Carveth, M.Sc.
Senior Aquatic Ecologist/Project Manager

MTCS

Correspondence

Nanticoke Solar Project Information Request

4 messages

Chris Uchiyama <cuheritage@gmail.com>
To: programs@heritagetrust.on.ca

8 August 2016 at 11:00

Good morning,

I am currently undertaking a Cultural Heritage Assessment as part of the Renewable Energy application for the Nanticoke Solar Project (<http://nanticoquesolar.com/rea-documents/>) on behalf of the proponent.

I understand that Michael Sawchuck was contacted last year during the LRP| RFP process. At that time, he noted that the Ontario Heritage Trust had no properties or easements within or adjacent to the Study Area (map attached).

At this time, I would like to confirm that this information is still correct and to determine whether or not the OHT has any new conservation easement sites within or adjacent to the Study Area.

Please do not hesitate to contact me should you require any further details to assist with this information request.


--

Chris Uchiyama, M.A.
Heritage Consultant and Archaeologist
220-414 Willowdale Ave.
Toronto, Ontario M2N 5B2
cuHeritage@gmail.com
[613.983.7503](tel:613.983.7503)

2 attachments



Nanticoke Recognized Heritage Resources (1).bmp
2834K

 Nanticoke-MAP1-7Aug15.pdf
3419K

Mail Delivery Subsystem <mailer-daemon@googlemail.com>
To: cuheritage@gmail.com

8 August 2016 at 11:01

Delivery to the following recipient failed permanently:

programs@heritagetrust.on.ca

Technical details of permanent failure:

Google tried to deliver your message, but it was rejected by the server for the recipient domain heritagetrust.on.ca by ohcexchange.heritagetrust.on.ca. [207.188.90.25].

The error that the other server returned was:
552 Message size exceeds fixed limit

----- Original message -----

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;
d=gmail.com; s=20120113;
h=mime-version:from:date:message-id:subject:to;
bh=/U6l8ouPTWt2yE+uBUw5R2COYk2NMqq3RmHU8aHKspl=;
b=NEciPNaTNHcMbjqCWabm+ysfz7KX6g4sDT13lIf1H1h2jrBGlluoFLfXj44G12i
tcC9MfuE9Kk1/VSi/xRBeeloc/DXule2irZLjV66JE14UE7wGmLLP+sFRszLwaplpyL1
CpwaPz9AJMJOZFAFf4dRTEIV+Q404ISSANRCPJ7WpaLapTKTeZ+vszpz0/gWLiRp5UZj
M+XqX+pUTcivp+pKCguXiddbMcF9XE0LNnXlvpYpF7ycy/R9ap3vKefQzFR56tjEb4xJ
LyV2X97WLAEWv4ymf/hMaM5tLXX5q1eGm6e5XvU7sIs9pDmVwj68hQJ8i9Bjv47PxiLx
uzhw==

X-Google-DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;
d=1e100.net; s=20130820;
h=x-gm-message-state:mime-version:from:date:message-id:subject:to;
bh=/U6l8ouPTWt2yE+uBUw5R2COYk2NMqq3RmHU8aHKspl=;
b=YR3IDlvqJQ566wCjpiYPt8ZVSU7Q5udrOkq74cOJkpnxfOidUbo8GB2DvrAzFRbNkb
FbEDitDZnSe5La8ORwGLEpZITGCMkn7luaxy+uS6+43RFqOX4y7/KI2BskxA2awYqKk
rvvMmQ/3wBLVwpmc5CJsLqiWI44ktqYRdJxCINXUSXJsYt+07Z9eUaScezaCJ2anbMm
0qO1YyxamFXce2MwGlfwnsKe1VaHfMu+Tf2Y5ijsj1AGR9xNC+aoLtAClpyK/zQQ3kEQ
IG26QDAi5/GFRxi/PeZRPYBofppEIsu1BGOJynQj3sY2DU+ukjSkRkybhhkgYWkkL9Y2
3fGw==

X-Gm-Message-State: AEkooutBXU+PWnC1q16ZAFBmGVZrJZspkIGZBxsfoOLVyG4UmumuFn4x+
kOwOtDa4oPzLpM+pdadqQdK55y4g==

X-Received: by 10.200.40.99 with SMTP id 32mr28893749qtr.97.1470668492816;

Mon, 08 Aug 2016 08:01:32 -0700 (PDT)

MIME-Version: 1.0

Received: by 10.237.35.197 with HTTP; Mon, 8 Aug 2016 08:00:51 -0700 (PDT)

From: Chris Uchiyama <cuheritage@gmail.com>

Date: Mon, 8 Aug 2016 11:00:51 -0400

Message-ID: <CAAKUxtNa6oeX=Z61AuHkZrTtkdD_GgNtYmhMzCtcBuYjPbJpkw@mail.gmail.com>

Subject: Nanticoke Solar Project Information Request

To: programs@heritagetrust.on.ca

Content-Type: multipart/mixed; boundary=001a1135b2821a693b053990b164

Good morning,

I am currently undertaking a Cultural Heritage Assessment as part of the Renewable Energy application for the Nanticoke Solar Project (<http://nanticoke.com/rea-documents/>) on behalf of the proponent.

I understand that Michael Sawchuck was contacted last year during the LRP| RFP process. At that time, he noted that the Ontario Heritage Trust had no properties or easements within or adjacent to the Study Area (map attached).

At this time, I would like to confirm that this information is still correct and to determine whether or not the OHT has any new conservation easement sites within or adjacent to the Study Area.

Please do not hesitate to contact me should you require any further details to assist with this information request.

--

Chris Uchiyama, M.A.

Heritage Consultant and Archaeologist

220-414 Willowdale Ave.

Toronto, Ontario M2N 5B2


cuHeritage@gmail.com <cuHeritage@gmail.com>

613.983.7503

Chris Uchiyama <cuheritage@gmail.com>
To: programs@heritagetrust.on.ca

8 August 2016 at 11:03

[Quoted text hidden]

 Nanticoke-MAP1-7Aug15.pdf
3419K

Chris Mahood <Chris.Mahood@heritagetrust.on.ca>
To: "cuheritage@gmail.com" <cuheritage@gmail.com>
Cc: Thomas Wicks <Thomas.Wicks@heritagetrust.on.ca>

8 August 2016 at 17:42

Hello Chris,

Thank you for your email.

I can confirm that the information provided last year is still correct. The Ontario Heritage Trust has no properties or heritage conservation easements within or adjacent to the study area.

Regards,

Chris

Chris Mahood MCIP RPP | A/Manager, Acquisitions and Conservation Services

Ontario Heritage Trust

10 Adelaide Street East, Toronto, Ontario, Canada M5C 1J3

Telephone: [416-325-5019](tel:416-325-5019) | Fax: [416-314-5979](tel:416-314-5979)

Email: [Email: Chris.Mahood@heritagetrust.on.ca](mailto:Chris.Mahood@heritagetrust.on.ca)

Ontario Heritage Trust – bringing our heritage to life, one story at a time.

Discover Ontario's stories at: www.heritagetrust.on.ca | www.doorsopenontario.on.ca



P Please consider the environment before printing this e-mail.

From: Chris Uchiyama [<mailto:cuheritage@gmail.com>]
Sent: August-08-16 11:02 AM



Chris Uchiyama <cuheritage@gmail.com>

Request for information Nanticoke Solar Project

4 messages

Chris Uchiyama <cuheritage@gmail.com>
To: meghan.house@ontario.ca

8 August 2016 at 11:11

Good morning Ms. House,

I am currently undertaking a Cultural Heritage Assessment as part of the Renewable Energy project application project for the Nanticoke Solar Project, adjacent to the Nanticoke Generating Plan (map attached).

I understand that you were contacted last year during the LRP | RFP process. You noted at the time that there were no provincial heritage properties on or adjacent to the subject property.

At this time, I would like to confirm that this information is still correct and that the Ministry has no new cultural heritage concerns on or adjacent to the project location.

Please don't hesitate to contact me should you require further details to respond to this request for information.

Regards,

Chris Uchiyama

--

Chris Uchiyama, M.A.

Heritage Consultant and Archaeologist

cuHeritage@gmail.com

[613.983.7503](tel:613.983.7503)



Nanticoke-MAP1-7Aug15.pdf
3419K

postmaster@msgov.gov.on.ca <postmaster@msgov.gov.on.ca>
To: cuheritage@gmail.com

8 August 2016 at 11:12

Delivery has failed to these recipients or groups:

meghan.house@ontario.ca

Messages to this recipient are undeliverable.

Diagnostic information for administrators:

Generating server: msgov.gov.on.ca

meghan.house@ontario.ca

#550 5.7.101 Messages to this recipient are undeliverable ##

Original message headers:

Received: from ctspogdcemmsg02.service.cihs.gov.on.ca (204.41.17.32) by CTSPIGDCAPMXS07.cihs.ad.gov.on.ca (10.194.72.16) with Microsoft SMTP Server (TLS) id 14.3.266.1; Mon, 8 Aug 2016 11:12:08 -0400

Received: from ctspogdcemats05.service.cihs.gov.on.ca (10.194.63.244) by ctspogdcemmsg02.service.cihs.gov.on.ca (204.41.17.32) with Microsoft SMTP Server (TLS) id 14.3.294.0; Mon, 8 Aug 2016 11:11:26 -0400

Received-PRA: pass (mail-qt0-f179.google.com: domain of gmail.com designates 209.85.216.179 as permitted sender) client-ip=209.85.216.179; envelope-from=cuheritage@gmail.com; helo=mail-qt0-f179.google.com;

Received-SPF: pass (mail-qt0-f179.google.com: domain of gmail.com designates 209.85.216.179 as permitted sender) client-ip=209.85.216.179; envelope-from=cuheritage@gmail.com; helo=mail-qt0-f179.google.com;

Received: from mail-qt0-f179.google.com (mail-qt0-f179.google.com [209.85.216.179]) by ctspogdcemats05.service.cihs.gov.on.ca with smtp (TLS: TLSv1/SSLv3,128bits,ECDHE-RSA-AES128-GCM-SHA256) id 06c7_06a0_b0e4d5ae_8f62_485c_8e23_3bcd43b7e28b; Mon, 08 Aug 2016 11:12:00 -0400

Received: by mail-qt0-f179.google.com with SMTP id 52so205045921qtq.3 for meghan.house@ontario.ca; Mon, 08 Aug 2016 08:12:00 -0700 (PDT)

DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=gmail.com; s=20120113; h=mime-version:from:date:message-id:subject:to; bh=KVo5e4Squ049W2vxe6mdw3LLcJ9QiXPPfZe6iuk+teU=; b=s2gr00vk0KD8VDqG1/9e4yd3i9cGvWENZtaC/+k+wWry0//DHdENSk3zA5w76H1hMfJuu0xoskGQhWkZgozawUwoku19N6RusSX8IYSM0GqkSmQZa8YbXg7TQH0qMnV115WfHTdfd3H/jzwPOBOWHzyg27qY348ncOGiA/JX8/ArqTJHqzafP4wrnEY2DrzmeA5EEi7oFYaVo0ejmSJ0UXjF8pTbYg9dPqRuE199EjWYXUj0zLJ721/uoyhSoGWhhH2g0Bs2wgiVeN8wtSP503gFW5pmmDL4g7ju8fYLpar8Tq0R0hsXXK2ih/mgoL2Hp3ezzvkV4R+co9qGDd yClw==

X-Google-DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=1e100.net; s=20130820; h=x-gm-message-state:mime-version:from:date:message-id:subject:to; bh=KVo5e4Squ049W2vxe6mdw3LLcJ9QiXPPfZe6iuk+teU=; b=IM4+i0+LX6QjPppBex5h1gs1S8+0EPWPr85zXNjB+vAFuBj2D+5ZiYdzAtggfejVrE yEXNTqKMSetU6sJHEYXFTfZBURzDcC1FsRaizqCRWD/BLldQsIatiXFtB0/xEogVAt/s8YtrKcKifCrqqJRBzt0JvjcEW/Egv3Gu07+0010aIBz9Pkmk/cAJW6I6ulSeXN9pd85 FQBjekKDe/r0+K8p6vf5ppPwibN1C6t9jXMFxnXDuXLW/1PaerhVHxNok/+ywxWvN65p eJcX62T3/lfPQF2hQkC06iHXI05TQTkPqtQb+BD8aCBvws9wunY2EiCONCuNaEfhVUWS ucvA==

X-Gm-Message-State: AEkoouvHHUfd6zn42WJ5T1sK7sKryanKskJ1BJjfcLP0GxNyDoKCQPPrv65 Fvho4k79U1jE5LbBMfZ9I8D2CA==

X-Received: by 10.237.47.225 with SMTP id m88mr29176945qtd.106.1470669119965; Mon, 08 Aug 2016 08:11:59 -0700 (PDT)

MIME-Version: 1.0

Received: by 10.237.35.197 with HTTP; Mon, 8 Aug 2016 08:11:18 -0700 (PDT)

From: Chris Uchiyama <cuheritage@gmail.com>

Date: Mon, 8 Aug 2016 11:11:18 -0400

Message-ID: <CAAKUxtPCV_MuT-No2Fya3XVu8qeRoe9Ss1hYT_kR1CWkm-zPHg@mail.gmail.com>

Subject: Request for information Nanticoke Solar Project

To: <meghan.house@ontario.ca>

Content-Type: multipart/mixed; boundary="94eb2c1231707b0944053990d65c"

Return-Path: cuheritage@gmail.com

Final-Recipient: rfc822:meghan.house@ontario.ca

Action: failed

Status: 5.7.101

Diagnostic-Code: smtp;550 5.7.101 Messages to this recipient are undeliverable

----- Forwarded message -----

From: Chris Uchiyama <cuheritage@gmail.com>

To: <meghan.house@ontario.ca>

Cc:

Date: Mon, 8 Aug 2016 11:11:18 -0400

Subject: Request for information Nanticoke Solar Project

Good morning Ms. House,

I am currently undertaking a Cultural Heritage Assessment as part of the Renewable Energy project application project for the Nanticoke Solar Project, adjacent to the Nanticoke Generating Plan (map attached).

I understand that you were contacted last year during the LRP | RFP process. You noted at the time that there were no provincial heritage properties on or adjacent to the subject property.

At this time, I would like to confirm that this information is still correct and that the Ministry has no new cultural heritage concerns on or adjacent to the project location.

Please don't hesitate to contact me should you require further details to respond to this request for information.

Regards,

Chris Uchiyama

--

Chris Uchiyama, M.A.

Heritage Consultant and Archaeologist

cuHeritage@gmail.com

613.983.7503



Nanticoke-MAP1-7Aug15.pdf
3419K

Chris Uchiyama <cuheritage@gmail.com>
To: Laura.E.Hatcher@ontario.ca

8 August 2016 at 11:20

Good morning Laura,

I am currently undertaking a Cultural Heritage Assessment as part of the Renewable Energy project application project for the Nanticoke Solar Project, adjacent to the Nanticoke Generating Plan (map attached). The subject property is located on part of Lots 8, 9, 10 and 11, Concession 1, Geographic Township of Walpole, Haldimand County.

I understand that Meghan House was contacted last year during the LRP | RFP process. She noted at the time that there were no provincial heritage properties on or adjacent to the subject property.

At this time, I would like to confirm that this information is still correct and that the Ministry has no new cultural heritage concerns on or adjacent to the project location.

Please don't hesitate to contact me should you require further details to respond to this request for information, or if I should address this request to another individual at the Ministry.

Regards,

Chris Uchiyama

--

Chris Uchiyama, M.A.

Heritage Consultant and Archaeologist

cuHeritage@gmail.com

613.983.7503



Nanticoke-MAP1-7Aug15.pdf
3419K

Hatcher, Laura (MTCS) <Laura.E.Hatcher@ontario.ca>

17 August 2016 at 16:59

To: Chris Uchiyama <cuheritage@gmail.com>
Cc: "Hossack, Deborah (MTCS)" <Deborah.Hossack@ontario.ca>

Good afternoon Chris,

Thank you for your inquiry about whether there are any provincial heritage properties on or adjacent to the Nanticoke Solar Project lands in the Township of Walpole, Haldimand County.

I can confirm that there are no identified provincial heritage properties on or adjacent to the subject property. However, it is my understanding that these lands have not yet been evaluated to determine whether they are a provincial heritage property. Any lands that are owned by OPG should be evaluated by OPG under the Standards and Guidelines for Conservation of Provincial Heritage Properties (S&Gs) prior to any proposed undertakings occurring. OPG may wish to consider coordinating this S&Gs evaluation with the Heritage Assessment that is conducted as part of the Renewable Energy Approval (REA) application for this project.

The ministry has developed guidance to assist proponents and heritage consultants on meeting the heritage requirements of the REA: http://www.mtc.gov.on.ca/en/publications/REA_INFO_BULLETIN.pdf

OPG has not yet finalized their own Identification and Evaluation (I&E) process under the S&Gs, and so we recommend that MTCS's I&E process is used: http://www.mtc.gov.on.ca/en/heritage/MTCS_Heritage_IE_Process.pdf

The evaluation component each of these documents is similar, but there are key differences:

- The S&Gs I&E process requires evaluation against both O.Reg 10/06 and 9/06
- The REA requires evaluation against 9/06 only

The scope of each document is different:

- The Cultural Heritage Evaluation Report (CHER) created for the S&Gs summarizes the evaluation and presents a statement of cultural heritage value. It evaluates the property owned by the province.
- The Heritage Assessment for REA contains both an evaluation and statement of cultural heritage value, and also discusses impacts and mitigation. The report must at minimum evaluate the project location and consider impacts to heritage properties at or abutting the project location.

However, it may be possible for the evaluation and statement of cultural heritage value in the CHER to be incorporated into the REA Heritage Assessment report, which can then go on to discuss impacts and mitigation strategies. We would be open to discussing this, or other reporting options, with OPG. I have copied my colleague Deborah Hossack, who is the MTCS contact for OPG, so that she is aware.

Regards,

Laura

Laura Hatcher, MCIP, RPP

Team Lead (A) – Heritage

Heritage Program | Programs and Services Branch | Ministry of Tourism, Culture and Sport

401 Bay Street Suite 1700 Toronto ON M7A 0A7

Tel. [416.314.3108](tel:416.314.3108) | email: laura.e.hatcher@ontario.ca

From: Chris Uchiyama [<mailto:cuheritage@gmail.com>]

Sent: August 8, 2016 11:20 AM

To: Hatcher, Laura (MTCS)

Subject: Fwd: Request for information Nanticoke Solar Project

[Quoted text hidden]

Chris Uchiyama
220-414 Willowdale Ave.
North York ON M2N 5B2
October 26, 2016

Heritage Planning, Culture Services Unit
Programs and Services Branch
Ministry of Tourism, Culture and Sport
401 Bay Street, Suite 1700
Toronto ON M7A 0A7

RE: Cultural Heritage Assessment Report, Nanticoke Solar Project, Haldimand County, ON

Please see enclosed report, Cultural Heritage Assessment Report, Nanticoke Solar Project, Haldimand County, ON for review and comment. The Proposed Project is being undertaken through the LRP|RFP process under O.Reg.359/09.

Please advise me should you require further electronic or hardcopies, or if you require additional information.

Sincerely,



Chris Uchiyama

Heritage Consultant
Chris Uchiyama Heritage
cuHeritage@gmail.com
613.983.7503

Enclosure

**yMinistry of Tourism,
Culture and Sport**

Heritage Program Unit
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel: 416 314 7145
Fax: 416 212 1802

**Ministère du Tourisme,
de la Culture et du Sport**

Unité des programmes patrimoine
Direction des programmes et des services
401, rue Bay, Bureau 1700
Toronto ON M7A 0A7
Tél: 416 314 7145
Télééc: 416 212 1802



December 9, 2016 (EMAIL ONLY)

Christienne Uchiyama
cuHeritage
220 414 Willowdale Avenue
North York, ON M2N 5B2
E: cuHeritage@gmail.com

MTCS file #: 0004895
Proponent: Nanticoke Solar LP
Subject: Heritage Assessment Report
Nanticoke Solar Project
Location: Haldimand County, Ontario

Dear Christienne Uchiyama:

We hereby acknowledge receipt by Ministry of Tourism, Culture and Sport (MTCS) of the heritage assessment report for the above-referenced project, as part of the Renewal Energy Approvals (REA) process under Ontario Regulation 359/09.

MTCS's interest in this REA project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- Archaeological resources, including land-based and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes.

We have reviewed the report submitted and have the following comments on the Cultural Heritage Assessment Report for Nanticoke Solar, based on the October 24 draft of the CHAR.

On August 8, 2016, we responded to your request about whether there were identified Provincial Heritage Properties (PHP) on or adjacent to the subject property, stating that we understand that "these lands have not yet been evaluated to determine whether they are a provincial heritage property. Any lands that are owned by OPG should be evaluated by OPG under the Standards and Guidelines for Conservation of Provincial Heritage Properties (S&Gs) prior to any proposed undertakings occurring. OPG may wish to consider coordinating this S&Gs evaluation with the Heritage Assessment that is conducted as part of the Renewable Energy Approval (REA) application for this project." We also noted at the time that "it may be possible for the evaluation and statement of cultural heritage value in the CHER to be incorporated into the REA Heritage Assessment report, which can then go on to discuss impacts and mitigation strategies."

Completion of this CHAR requires a heritage evaluation of the entire Nanticoke GS site. Since the decision was made not to conduct an independent evaluation of the Nanticoke GS site in this REA report (Section 4.1, page 38, paragraph 4), completion of this CHAR is contingent on submission of the S&Gs CHER by the OPG heritage consultant, the incorporation of identified CHVI in this CHAR, and analysis of how any impacts to the CHVI identified may be mitigated. Given that the results and recommendations of the S&Gs CHER may result in a protected property, this draft CHAR is incomplete until the OPG process is complete. Related to this is the issue of the ownership of the property now, and whether the proposed project will be assuming title to the property or establishing leasehold, and the legal boundaries of the title or lease, which need to be defined in this report.

As such, a formal review of this draft CHAR is premature, but we are providing these preliminary comments for the next draft. Aside from the issue of the generating station CHER, and additional comments for mitigation measures in the subsequent amended draft report, these are my comments on the draft CHAR submitted.

Title Page

For tracking purposes please include the Feed-in-Tariff (FIT) contract number or the Ontario Power Authority (OPA) Reference Number on this page.

2.1.1 Project Location (page 6 paragraph 1): the location of Nanticoke Creed is 1.5km to the west, not 1.5m.

The physiographic description of the area does not include the nature of the Lake Erie shoreline in the vicinity of the project location and study area: namely whether there is a bluff or a more gradual slope up from the lake, or a combination of the two, as this may impact the visibility of some or all of the project from the lake and shore.

At a broader level, studies conducted as part of the renewable energy approval process specify two distinct scopes: the project location, and the study area, which incorporates a defined buffer or catchment area around the project location. While two adjacent properties (237 Sandusk Road and 34 Haldimand 55 Road South) are identified later in the report, it is not made clear whether these are within a specified study boundary. In short, while the project location has been described and mapped, the study area has not, and the latter is needed.

2.5 Historical Context (page 24, paragraphs 1-3): Since archaeological reports deal with archaeology, it is appropriate to provide in this CHAR documentation of the Indigenous consultation regarding cultural heritage landscapes (CHLs). This information is necessary because of the assertion that there are no CHLs identified through this consultation, and the need for the CHAR to be independent of the archaeology report in documenting the consultation process.

(page 25, paragraph 4): The taking prisoner of Peter Klingensmith by an Indigenous (potentially Munsee Delaware) group is not fully clear in the text without examining the footnote, and would read more easily if this pertinent detail was reiterated in the body of the text.

(page 26 - War of 1812 box, paragraph 2): The event where the eight convicted men were hanged is known as Bloody Assizes in British North America, and warrants description here as a significant historical event and location arising directly from the Battle of at Nanticoke. It is also appropriate to specifically detail that Lot 7, Concession 1, is the property that is designated as a national historic site on which the battle of Nanticoke took place.

2.5.1 Land Use History, Project Location

I recommend a general comment at the beginning of this section acknowledging the limitations of the historical atlases in particular, given that at the time the reliance of cartographers on sponsorship by landowners could affect whether features on specific lots were mapped or not, and the approximate nature of geospatial locations on these maps. These early atlases are a good resource, but do have their limitations, and where legibility or details are suspect or absent, the Archives of Ontario can be accessed for further information.

(page 31, paragraph 1): Early burial sites are notorious for containing more burials than recorded and, while this is the focus of the archaeological assessment, warrants mention in the CHAR.

4 Overview of Cultural Heritage Resources

As noted in An Information Bulletin for Projects Subject to Ontario Regulation 359/09 - Renewable Energy Approvals Bulletin (page 11), a heritage assessment should "...determine whether there is potential for the presence of heritage resources at the project location or if there is potential for abutting protected properties."

The guidelines in the "Information Bulletin for Projects Subject to *Ontario Regulation 359/09 – Renewable Energy Approvals*" stipulate in Part 2 (2.1: *Key terms*) that "Heritage resources are divided into built heritage resources and cultural heritage landscapes. Of particular importance for consideration within the review of renewable energy projects is the interrelationship between a building, structure or ruin and the surrounding landscape. This would include significant views from and of the heritage resource." The definition of Cultural Heritage Landscapes (CHL) in this section states that they "provide the context, setting or support for the character of an area". Among the examples provided is agricultural landscape: in this context, if an agricultural CHL is identified that encompasses the cultural heritage resources identified to date, the impact of converting land use from agricultural to power generation on the CHL warrants evaluation and mitigation.

Aside from a brief mention of the surrounding agricultural fields and public or private infrastructure facilities in the vicinity, and a sentence identifying South Coast Drive, cultural heritage landscapes of potential cultural heritage value or interest are not systematically described or evaluated in this report. South Coast Drive, Sandusk Road, Haldimand 55 Road South and Rainham Road are all linear landscape features within the presumed study area warranting identification and evaluation, as are the field and property boundaries (fence-lines, tree-lines, driveways, etc.) within the agricultural fields and woodlots forming CHLs themselves at the project location, and as part of the overall rural landscape. While confirming that the generating station site is undergoing a separate cultural heritage evaluation, and a duplication of effort is to be avoided (as discussed above), there are some distinctive landscape features described in that report that can be formally acknowledged as landmarks, such as the smoke stacks. Further, I do not see reference to the sizable berm feature on the generating station property, as this is likewise a distinct landscape feature associated with the facility, in and of itself an industrial complex or campus. In general, possible impacts of the project on these potential resources cannot be measured if they are not included within the evaluation: as noted above, this is contingent on completion of the S&Gs CHER process, and any subsequent conservation measures taken by OPG.

5. Impact Assessment and Recommended Mitigation

6. Analysis and Conclusions

7. Recommendations

As noted in my comments on section 4, possible impacts of the project on these potential resources cannot be measured if they are not included within the evaluation. In addition, while a list of long-term infrastructure is to be installed on the project location is provided (solar panels, inverters, transformers, cables, enclosures, fencing and site drainage and access roads), in addition to temporary features, no details or examples of these components are provided. As a result, their possible impact on viewsheds of potential cultural heritage landscape resources (described in my comments on section 4) are not described, nor are potential mitigation measures. As such, the content of sections 5, 6 and 7 in this report need to be revisited once the inventory of potential cultural heritage resources in section 4 has been amended and evaluated (as noted above, contingent on completion of the S&Gs CHER process, and any subsequent conservation measures taken by OPG). While exact dimensions or extent of the infrastructure may not be available at this time, examples from existing facilities constructed by Sun Edison and others elsewhere can be used. In particular, potential impacts of the photovoltaic array on viewsheds from public rights-of-way are to be provided, and any mitigation taken such as tree-plantings or other visual treatments of the landscape fabric.

Further, dependent on the findings of the S&Gs CHER and clarification of the ownership of the former schoolhouse and 34 Haldimand 55 Road South (not yet provided), additional mitigation measures may be required, such as requirements under Provisions F.2., F.3 and F.6 of the S&Gs. OPG may have to work with MTCS to ensure that those requirements are met.

MTCS Recommendations

As a result of the above discussion, amendments to the draft CHAR are required and the heritage assessment report is not considered complete until the comments provided above have been addressed, including the following:

- Incorporation of CHVI for the Nanticoke GS as provided by the S&Gs CHER underway for OPG including:
 - Identifying and documenting any CHVI identified in the CHER
 - Providing potential mitigation measures for any CHVI impacted
 - Addressing any measures identifying some or all of the project location or study area as one or more protected properties
- Potential CHLs are identified using the bulletin guidelines, including:
 - Providing criteria for the identification and evaluation of CHLs
 - Identifying and documenting CHVI, if any, for individual CHLs identified
 - Providing potential mitigation measures for any CHLs impacted
- A representation of the solar panels and rack assembly, inverters, transformers, cables, enclosures, fencing and site drainage and access roads relating to ground features including:
 - Their scale in relation to existing buildings and structures
 - Their extent and density on the landscape
 - This may be done by draping images on existing images of the property, or showing similar installations elsewhere
- Amending Sections 4, 5 and 6 to incorporate additional CHRs identified, if any.

The above are comments from MTCS on the submitted report. These recommendations should be incorporated into a report, to be resubmitted to the MTCS. The revised report may be submitted electronically as a PDF. Once the report is finalized and MTCS has issued a letter of acceptance, hard copies of the report may follow.

Please contact me for any questions or clarification.

Sincerely,

Joseph Muller, RPP/MCIP
Heritage Planner
Joseph.Muller@Ontario.ca

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their REA report or file is accurate. MTCS makes no representation or warranty as to the completeness, accuracy or quality of the any reports or supporting documentation submitted as part of the REA process, and in no way shall MTCS be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Chris Uchiyama Heritage
220-414 Willowdale Ave.,
North York ON M2N 5B2
613.983.7503
cuHeritage@gmail.com

January 18, 2017 (sent via email only)

Joseph Muller, RPP/MCIP
Heritage Planner
Ministry of Tourism, Culture and Sport
Heritage Program Unit Programs and Services Branch
401 Bay Street, Suite 1700 Toronto ON M7A 0A7
Tel: 416 314 7145
Fax: 416 212 1802
Joseph.Muller@Ontario.ca

RE: Heritage Assessment Report, Nanticoke Solar Project. MTCS file No.: 0004895

Dear Joseph Muller:

Thank you for your letter dated December 9, 2016. We have had a chance to review your comments and address your concerns. This letter outlines revisions made, in response to your recommendations, to the attached revised Cultural Heritage Assessment Report dated January 16, 2017. In order to outline the changes to the October 24 draft CHAR, your comments have been included in this letter in italics, followed by our response and actions taken to address your concerns.

OPG has communicated to Nanticoke Solar LP that the S&Gs CHER for the Nanticoke GS property has now been completed. OPG has provided the SCHVI and list of Heritage Attributes to address concerns regarding the analysis of impacts on CHVI. The CHAR report has been revised to reflect that the CHER is complete, to include the SCHVI and list of Heritage Attributes and to provide an analysis of potential impacts.

A more detailed discussion of actions taken to address your comments follows.

MTCS comment:

On August 8, 2016, we responded to your request about whether there were identified Provincial Heritage Properties (PHP) on or adjacent to the subject property, stating that we understand that "these lands have not yet been evaluated to determine whether they are a provincial heritage property. Any lands that are owned by OPG should be evaluated by OPG under the Standards and Guidelines for Conservation of Provincial Heritage Properties (S&Gs) prior to any proposed undertakings occurring. OPG may wish to consider coordinating this S&Gs evaluation with the Heritage Assessment that is conducted as part of the Renewable Energy Approval (REA) application for this project." We also noted at the time that "it may be possible for the evaluation and

statement of cultural heritage value in the CHER to be incorporated into the REA Heritage Assessment report, which can then go on to discuss impacts and mitigation strategies.”

Completion of this CHAR requires a heritage evaluation of the entire Nanticoke GS site. Since the decision was made not to conduct an independent evaluation of the Nanticoke GS site in this REA report (Section 4.1, page 38, paragraph 4), completion of this CHAR is contingent on submission of the S&Gs CHER by the OPG heritage consultant, the incorporation of identified CHVI in this CHAR, and analysis of how any impacts to the CHVI identified may be mitigated. Given that the results and recommendations of the S&Gs CHER may result in a protected property, this draft CHAR is incomplete until the OPG process is complete. Related to this is the issue of the ownership of the property now, and whether the proposed project will be assuming title to the property or establishing leasehold, and the legal boundaries of the title or lease, which need to be defined in this report.

As such, a formal review of this draft CHAR is premature, but we are providing these preliminary comments for the next draft. Aside from the issue of the generating station CHER, and additional comments for mitigation measures in the subsequent amended draft report, these are my comments on the draft CHAR submitted.

Response:

The following text has been added to Section 1 Introduction (paragraphs 3 and 4) to clarify that the proponent of this project, as a condition of their LRP contract, is not OPG. Furthermore, the statement clarifies that the Proposed Project will be constructed on lands *leased* by the proponent. The lease covers the locations of all Proposed Project infrastructure, as illustrated in Figure 1 of the CHAR.

“Nanticoke Solar LP is an Ontario limited partnership, with Ontario Power Generation Inc. (OPG), SunEdison Canadian Construction LP and 9374264 Canada Limited (the Six Nations of Grand River) as limited partners and Nanticoke Solar Inc. as general partner. OPG owns a majority of the shares and units in Nanticoke Solar Inc. and Nanticoke Solar LP and therefore has a controlling interest in these entities.

Nanticoke Solar LP leased the Nanticoke GS lands and the Central Parcel from OPG. Nanticoke Solar LP leased the West Parcel and the East Parcel from 172965 Canada Limited.”

OPG has communicated to Nanticoke Solar LP that the S&Gs CHER for the Nanticoke GS property has now been completed. OPG has provided the SCHVI and list of Heritage Attributes to address concerns regarding the analysis of impacts on CHVI. The CHAR report has been revised to reflect that the CHER is complete, to include the SCHVI and list of Heritage Attributes and to provide an analysis of potential impacts.

MTCS comment:

Title Page

For tracking purposes please include the Feed-in-Tariff (FIT) contract number or the Ontario Power Authority (OPA) Reference Number on this page.

Response:

For tracking purposes, the IESO Contract Number: L-006354-SPV-001-044 has been added to the title page.

MTCS comment:

2.1.1 Project Location (page 6 paragraph 1): the location of Nanticoke Creed is 1.5km to the west, not 1.5m.

Response:

This has been corrected to read “Nanticoke Creek is approximately 1.5km west...”

MTCS comment:

The physiographic description of the area does not include the nature of the Lake Erie shoreline in the vicinity of the project location and study area: namely whether there is a bluff or a more gradual slope up from the lake, or a combination of the two, as this may impact the visibility of some or all of the project from the lake and shore.

Response:

The description of the physiography has been revised to include a description of the shoreline, as follows:

“South of the Project Location, the Lake Erie shoreline is characterised by a gravel beach, sloping upwards, moderately from the water to South Coast Drive in the vicinity of Hickory Creek (Plate 13). Moving westward, the shoreline is characterised by a steeper, tree-lined slope south of the East, Central, and West Parcels (Plates 14 and 15). The shoreline has been heavily modified in the vicinity of the Nanticoke GS lands.”

MTCS comment:

At a broader level, studies conducted as part of the renewable energy approval process specify two distinct scopes: the project location, and the study area, which incorporates a defined buffer or catchment area around the project location. While two adjacent properties (237 Sandusk Road and 34 Haldimand 55 Road South) are identified later in the report, it is not made clear whether these are within a specified study boundary. In short, while the project location has been described and mapped, the study area has not, and the latter is needed.

Response:

Section 2.2 Study Area and Figure 2 have been added to describe the extent of area around the Project Location that was reviewed as part of the CHA. The Cultural Heritage Assessment Study Area is described as follows:

“The Cultural Heritage Assessment Study Area is shown on Figure 2. It includes the Project Location, and encompasses adjacent properties. The Study Area extends to Sandusk Road to the east, Haldimand Road to the west, and 500 m to the north and south (Figure 2).”

MTCS comment:

2.5 Historical Context (page 24, paragraphs 1-3): Since archaeological reports deal with archaeology, it is appropriate to provide in this CHAR documentation of the Indigenous consultation regarding cultural heritage landscapes (CHLs). This information is necessary because of the assertion that there are no CHLs identified through this consultation, and the need for the CHAR to be independent of the archaeology report in documenting the consultation process.

Response:

Section 2.6 has been revised, as follows, to reflect the extensive and on-going Indigenous engagement with respect to the Proposed Project. No concerns or information related to the cultural heritage value of the Project Location, or adjacent lands, have been identified by Six Nations of the Grand, Haudenosaunee Confederacy Council/Haudenosaunee Development Institute (HCC/HDI), or Mississaugas of the New Credit First Nation. Please find attached a draft summary table outlining a record of engagement to date. Cultural Heritage is being address as part of the overall consultation process, with the understanding that any and all cultural heritage concerns, or information relevant to the CHA will be provided to Chris Uchiyama Heritage to be addressed at such time.

Section 2.6 paragraph 2 has been added, “Additional ongoing engagement has been undertaken by the proponent with Six Nations of the Grand (a proponent partner), (HCC/CHI), and Mississaugas of the New Credit First Nation December 2014. Engagement is ongoing, and any information related to the cultural heritage value of the Project Location will be addressed.”

Section 2.6 paragraph 4 has been revised, “As no potentially significant landscapes or above-grade Indigenous resources **have been identified to date**, the primary focus of the historical background in this CHAR document will be post European settlement and land use.”

MTCS comment:

(page 25, paragraph 4): The taking prisoner of Peter Klingensmith by an Indigenous (potentially Munsee Delaware) group is not fully clear in the text without examining the footnote, and would read more easily if this pertinent detail was reiterated in the body of the text.

Response:

The footnote has been moved to the main body of text.

MTCS comment:

(page 26 - War of 1812 box, paragraph 2): The event where the eight convicted men were hanged is known as Bloody Assizes in British North America, and warrants description here as a significant historical event and location arising directly from the Battle of at Nanticoke. It is also appropriate to specifically detail that Lot 7, Concession 1, is the property that is designated as a national historic site on which the battle of Nanticoke took place.

Response:

Paragraph 3 has been added to describe Bloody Assizes “The men were tried **during a series of trials known as the Bloody Assize of Ancaster**, and 15 were convicted of High Treason. Eight of the men, including Dunham, were hanged on July 20, 1814 **at Burlington Heights. A plaque marking the Bloody Assize is located in Hamilton (Ancaster), Ontario.**”

Paragraph 3 (now 5) has been revised to “In 1924 the present-day site of the Nanticoke Generating Station **(specifically Lot 7, Concession 1)** was recognized as a National Historic Site by the Historic Sites and Monuments Board of Canada **as the location the “Battle of Nanticoke” took place.**”

MTCS comment:*2.5.1 Land Use History, Project Location*

I recommend a general comment at the beginning of this section acknowledging the limitations of the historical atlases in particular, given that at the time the reliance of cartographers on sponsorship by landowners could affect whether features on specific lots were mapped or not, and the approximate nature of geospatial locations on these maps. These early atlases are a good resource, but do have their limitations, and where legibility or details are suspect or absent, the Archives of Ontario can be accessed for further information.

Response:

The following text has been added as an introduction to Section 2.5.1.

“The compilation of the land use history of the Project Location included a review of available historic mapping, including the 1855 *Owen Map of the County of Haldimand*, 1869 *Jones Map of the County of Haldimand, Canada West*, 1879 H.R. Page and Co. *Illustrated historical atlas of the county of Haldimand, Ont.*, and a c.1910 map of Walpole Township. While these historic maps can provide a great deal of information about the land use history of a property, there are some limitations. Not all features of interest were surveyed to the same degree of accuracy or included on the maps. Furthermore, subscribers to historical atlases were given preference in terms of the degree of detail included for their property. This is especially true after 1879, when non-subscribers were no longer included on the township maps at all. To supplement the information gleaned through historic maps, additional sources, such as census records were reviewed. A full list of sources is included in Section 9.”

MTCS comment:

(page 31, paragraph 1): Early burial sites are notorious for containing more burials than recorded and, while this is the focus of the archaeological assessment, warrants mention in the CHAR.

Response:

The following text has been revised/added to emphasize the cautionary note regarding early burials.

“A possible burial location is identified along the property line between Mrs. Findley and Samuel Pugsley’s properties, at the edge or just outside of the Project Location (Figure 5). **Although it does not appear on any other mapping, this does not necessarily preclude the possibility that in situ cultural resources or**

remains are still extant. It is not unusual for early burials to be unmarked, contain more burials than recorded, or for an incomplete exhumation of remains when early burials are relocated. This is being addressed as part of the Stages 1 and 2 Archaeological Assessment.”

MTCS comment:

4 Overview of Cultural Heritage Resources

As noted in An Information Bulletin for Projects Subject to Ontario Regulation 359/09 - Renewable Energy Approvals Bulletin (page 11), a heritage assessment should “...determine whether there is potential for the presence of heritage resources at the project location or if there is potential for abutting protected properties.”

The guidelines in the “Information Bulletin for Projects Subject to Ontario Regulation 359/09 – Renewable Energy Approvals” stipulate in Part 2 (2.1: Key terms) that “Heritage resources are divided into built heritage resources and cultural heritage landscapes. Of particular importance for consideration within the review of renewable energy projects is the interrelationship between a building, structure or ruin and the surrounding landscape. This would include significant views from and of the heritage resource.” The definition of Cultural Heritage Landscapes (CHL) in this section states that they “provide the context, setting or support for the character of an area”. Among the examples provided is agricultural landscape: in this context, if an agricultural CHL is identified that encompasses the cultural heritage resources identified to date, the impact of converting land use from agricultural to power generation on the CHL warrants evaluation and mitigation.

Aside from a brief mention of the surrounding agricultural fields and public or private infrastructure facilities in the vicinity, and a sentence identifying South Coast Drive, cultural heritage landscapes of potential cultural heritage value or interest are not systematically described or evaluated in this report. South Coast Drive, Sandusk Road, Haldimand 55 Road South and Rainham Road are all linear landscape features within the presumed study area warranting identification and evaluation, as are the field and property boundaries (fence-lines, tree-lines, driveways, etc.) within the agricultural fields and woodlots forming CHLs themselves at the project location, and as part of the overall rural landscape. While confirming that the generating station site is undergoing a separate cultural heritage evaluation, and a duplication of effort is to be avoided (as discussed above), there are some distinctive landscape features described in that report that can be formally acknowledged as landmarks, such as the smoke stacks. Further, I do not see reference to the sizable berm feature on the generating station property, as this is likewise a distinct landscape feature associated with the facility, in and of itself an industrial complex or campus. In general, possible impacts of the project on these potential resources cannot be measured if they are not included within the evaluation: as noted above, this is contingent on completion of the S&Gs CHER process, and any subsequent conservation measures taken by OPG.

Response:

Section 4.3.3 has been revised to include a more detailed description and evaluation of the above-noted features. It is our professional opinion that while a number of the features described (e.g., the adjacent linear roads and the agricultural fields and woodlots) comprise landscapes, they are not cultural heritage landscapes. Discussion of this analysis, which was undertaken at a screening level as part of the

REA CHAR process, is now included in the revised document (Section 4.3.3.3). Additional landscape features related to the Nanticoke GS highlighted in your comments are now identified in the description of the surrounding landscape (Section 4.2) and potential impacts on those features are discussed in the relevant sections of the report.

As previously stated, evaluation of impacts on the cultural heritage value or interest of the Nanticoke GS site will be based on the SCHVI and list of Attributes determined by OPG's CHER under the S&Gs, which is now complete. The assessment of potential impacts will be limited to the scope of the Nanticoke Solar Project.

MTCS comment:

7.Recommendations

As noted in my comments on section 4, possible impacts of the project on these potential resources cannot be measured if they are not included within the evaluation. In addition, while a list of long-term infrastructure is to be installed on the project location is provided (solar panels, inverters, transformers, cables, enclosures, fencing and site drainage and access roads), in addition to temporary features, no details or examples of these components are provided. As a result, their possible impact on viewsheds of potential cultural heritage landscape resources (described in my comments on section 4) are not described, nor are potential mitigation measures. As such, the content of sections 5, 6 and 7 in this report need to be revisited once the inventory of potential cultural heritage resources in section 4 has been amended and evaluated (as noted above, contingent on completion of the S&Gs CHER process, and any subsequent conservation measures taken by OPG). While exact dimensions or extent of the infrastructure may not be available at this time, examples from existing facilities constructed by Sun Edison and others elsewhere can be used. In particular, potential impacts of the photovoltaic array on viewsheds from public rights-of-way are to be provided, and any mitigation taken such as tree-plantings or other visual treatments of the landscape fabric.

Further, dependent on the findings of the S&Gs CHER and clarification of the ownership of the former schoolhouse and 34 Haldimand 55 Road South (not yet provided), additional mitigation measures may be required, such as requirements under Provisions F.2., F.3 and F.6 of the S&Gs. OPG may have to work with MTCS to ensure that those requirements are met.

Response:

Section 4.3.2 has been revised to include the SCHVI and list of Heritage Attributes for the Nanticoke GS. Section 5.2 includes additional discussion regarding the potential impacts of the Proposed Project on identified Heritage Attributes.

Visual examples of similar installations have been provided for reference.

Ownership of both 237 Sandusk Road (private) and the Nanticoke GS (OPG) has been identified in Section 4.3.

MTCS comment:

MTCS Recommendations

As a result of the above discussion, amendments to the draft CHAR are required and the heritage assessment report is not considered complete until the comments provided above have been addressed, including the following:

- *Incorporation of CHVI for the Nanticoke GS as provided by the S&Gs CHER underway for OPG including:*
 - *Identifying and documenting any CHVI identified in the CHER*
 - *Providing potential mitigation measures for any CHVI impacted*
 - *Addressing any measures identifying some or all of the project location or study area as one or more protected properties*
- *Potential CHLs are identified using the bulletin guidelines, including:*
 - *Providing criteria for the identification and evaluation of CHLs*
 - *Identifying and documenting CHVI, if any, for individual CHLs identified*
 - *Providing potential mitigation measures for any CHLs impacted*
- *A representation of the solar panels and rack assembly, inverters, transformers, cables, enclosures, fencing and site drainage and access roads relating to ground features including:*
 - *Their scale in relation to existing buildings and structures*
 - *Their extent and density on the landscape*
 - *This may be done by draping images on existing images of the property, or showing similar installations elsewhere*
- *Amending Sections 4, 5 and 6 to incorporate additional CHRs identified, if any.*

Response:

As described in greater detail above, all of these recommendations have been addressed in the revised REA CHAR dated January 17, 2017.

If you require further clarification on any of these points, please do not hesitate to contact me to discuss your concerns.

Sincerest regards,



Chris Uchiyama, M.A., CAHP
Heritage Consultant
Chris Uchiyama Heritage
cuHeritage@gmail.com
613.983.7503

Enclosure

Ministry of Tourism, Culture and Sport

Archaeology Programs Unit
Programs and Services Branch
Culture Division
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel.: (416) 314-7152
Email: John.Dunlop@ontario.ca

Ministère du Tourisme, de la Culture et du Sport

Unité des programmes d'archéologie
Direction des programmes et des services
Division de culture
401, rue Bay, bureau 1700
Toronto ON M7A 0A7
Tél. : (416) 314-7152
Email: John.Dunlop@ontario.ca



Jan 26, 2017

Thomas Irvin (P379)
This Land Archaeology Inc.
136 Orsi Newmarket ON L3Y 3H6

RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Report on the Stage 1 & 2 Archaeological Assessment in Support of the Nanticoke Solar Project Located on Part of Lots 7-11, Concession 3, City of Nanticoke, Regional Municipality of Haldimand-Norfolk, Historic Haldimand County, Geographic Township of Walpole, Ontario", Dated Jan 20, 2017, Filed with MTCS Toronto Office on Jan 23, 2017, MTCS Project Information Form Number P379-0097-2016, P379-0098-2016, MTCS File Number 0004895

Dear Mr. Irvin:

This office has reviewed the above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18.¹ This review has been carried out in order to determine whether the licensed professional consultant archaeologist has met the terms and conditions of their licence, that the licensee assessed the property and documented archaeological resources using a process that accords with the 2011 Standards and Guidelines for Consultant Archaeologists set by the ministry, and that the archaeological fieldwork and report recommendations are consistent with the conservation, protection and preservation of the cultural heritage of Ontario.

The report documents the assessment of the study area as depicted in Figures 6 through 31 of the above titled report and recommends the following:

Stage 2 Recommendations - Have been summarized from the report content as the number of characters within PastPort had been exceeded.

The following sites require Stage 3 Site Specific Assessment in accordance with the 2011 Standards and Guidelines as outlined below:

Location 1: Isolated Find #6

Location 1 has not had its Cultural Heritage Value or Interest sufficiently documented within either the completed Stage 2 assessment or the completed Stage 2 CSP. Further Cultural Heritage Value or Interest remains for Location 1.

Location 1 is recommended for Stage 3 assessment consisting of, at minimum, 5 1m x 1m Stage 3

excavation units placed on a 5m grid around the site. Following the MTCS Standards and Guidelines for Consultant Archaeologists, further unit excavation maybe required depending on unit productivity. As per requirements, a sample of the units excavated must be screened through 3mm mesh screen (minimum 10%); the balance of units must be screened through 6mm mesh.

Location 2: The Carven Site

Location 2 has not had its Cultural Heritage Value or Interest sufficiently documented within either the Stage 2 assessment or the completed Stage 2 CSP. Further Cultural Heritage Value or Interest remains for Location 2.

As per Section 2.2 Standard 1(a)b of the 2011 Standards and Guidelines for Consultant Archaeologists Location 2: The Carven Site, is recommended for Stage 3 (and further Stage 4) assessment as the carved bone represents an artifact of special interest. As it is known that a Stage 4 recommendation will be made for the Carven Site; following Table 3.1 for such site types would require units placed on a 10m grid. Given the close proximity of the two artifacts forming this site, the use of a 10m grid is not appropriate as the grid scaling is too large. As such, it is recommended that the Stage 3 assessment consist of, at minimum, 1 central Stage 3 1m x 1m excavation unit placed between CSP Pt 7 and CSP Pt 8, and 4 other units placed on the cardinal points of the central Stage 3 unit at 2.5m spacing; for a total of 5 minimum Stage 3 excavation units. Further unit excavation maybe required depending on unit productivity. As per Standard 3.2.2 Standard 7, 10% of the Stage 3 excavation units will be screened through 3mm mesh as this site is of unique interest; the balance of units must be screened through 6mm mesh.

Further detailed recommendations for Stage 4 will be provided within the Stage 3 reporting context.

Location 3: The Little Spring Site

Location 3 has not had its Cultural Heritage Value or Interest sufficiently documented within either the Stage 3 assessment or the completed Stage 2 CSP. Further Cultural Heritage Value or Interest remains for Location 3.

As per Section 2.2 Standard 1(a)i(3) of the 2011 Standards and Guidelines for Consultant Archaeologists the Little Spring Site is recommended for Stage 3 assessment. As per Table 3.1 excavation will be following small pre-contact site where the level of cultural heritage or value does not yet suggest Stage 4 mitigation. As such, it is recommended the Stage 3 assessment will consist of 1m x 1m excavation units placed over the site scatter on a 5m grid, with further excavation units representing 20% infill to be excavated. Further unit excavation maybe required depending on unit productivity. All soils must be screened through 6mm mesh.

Location 4: The Spacious Spring Site

Location 4 has not had its Cultural Heritage Value or Interest sufficiently documented within either the Stage 2 assessment or the completed Stage 2 CSP. Further Cultural Heritage Value or Interest remains for Location 4.

As per Section 2.2 Standard 1(a)i(3) of the 2011 Standards and Guidelines for Consultant Archaeologists the Spacious Spring Site is recommended for Stage 3 assessment. As per Table 3.1 excavation will be following plough-disturbed, large lithic scatter. As such, it is recommended the Stage 3 assessment will consist of 1m x 1m excavation units placed over the site scatter on a 5m grid, additional units amounting to 20% of the grid will be excavated as infill as well as an additional 10% of the grid total excavated as outlier testing. Further unit excavation maybe required depending on unit productivity. All soils must be screened through 6mm mesh.

Location 5: The Relic Shore Site

Location 5 has not had its Cultural Heritage Value or Interest sufficiently documented within either the Stage 2 assessment or the completed Stage 2 CSP. Further Cultural Heritage Value or Interest remains for Location 5.

As per Section 2.2 Standard 1(a)(3) of the 2011 Standards and Guidelines for Consultant Archaeologists the Little Spring Site is recommended for Stage 3 assessment. As per Table 3.1 excavation will be following small pre-contact site where the level of cultural heritage or value does not yet suggest Stage 4 mitigation. As such, it is recommended the Stage 3 assessment will consist of 1m x 1m excavation units placed over the site scatter on a 5m grid, with further excavation units representing 20% infill to be excavated. Further unit excavation maybe required depending on unit productivity. All soils must be screened through 6mm mesh. Given the diffuse nature of some of the outer findspots, the use of 10% outlier testing should be completed. Further unit excavation maybe required depending on unit productivity. All soils must be screened through 6mm mesh.

Location 6: Isolated Find #28

Location 6 has not had its Cultural Heritage Value or Interest sufficiently documented within the Stage 2 assessment. Further Cultural Heritage Value or Interest remains for Location 6.

Location 6 is recommended for Stage 3 assessment consisting of, at minimum, 5 1m x 1m Stage 3 excavation units placed on a 5m grid around the site. Following the MTCS Standards and Guidelines for Consultant Archaeologist, further unit excavation maybe required depending on unit productivity. As per requirements, a sample of the units excavated must be screened through 3mm mesh screen (minimum 10%); the balance of units must be screened through 6mm mesh.

Location 60: South Coast Site

Location 60 has not had its Cultural Heritage Value or Interest sufficiently documented within the completed Stage 2 assessment including a Stage 2 CSP. Further Cultural Heritage Value or Interest remains for Location 60.

Given that nature of the assemblage of Location 60 and the clear indicators that a pre-1870 site occupation is present, Location 60 is recommended for Stage 3 assessment and Stage 4 mitigation. As such, the Stage 3 assessment should consist of 1m x 1m Stage 3 excavation units on a 10m grid. Additional infill units amounting to 40% of the site grid must also be excavated; all soil must be screened through 6mm mesh.

In depth Stage 3 archival research is also required and recommended.

Potential Burial Marker, Lot 10, Concession 1

Stage 3 investigation of this potential marker must include further archival research will be required to attempt to determine the nature of the potential burial marker. Stage 3 Cemetery Limit investigation of 10 m must then be conducted atop the estimated location of the potential burial location should archival research further indicate it is within or partially within the property. If no archival evidence can be found suggesting the potential burial is within the Study Area, then 10 m Stage 3 Cemetery Limit investigation must be conducted within the Study Area abutting the estimated location of any potential burial area outside of the Study Area.

Following the MTCS Standards and Guidelines for Consultant Archaeologist, further unit excavation maybe required depending on unit productivity.

The following sites have had their Cultural Heritage Value or Interest sufficiently documented within the Stage 2 assessment. No further archaeological work is required.

Location 7: Isolated Find #1

Location 8: Isolated Find #2

Location 9: Isolated Find #3

Location 10: Isolated Find #4

Location 11: Isolated Find #5

Location 12: Adder Edge Site

Location 13: Isolated Find #7

Location 14: Isolated Find #8
Location 15: Informal Site 1
Location 16: Isolated Find #9
Location 17: Informal Site 2
Location 18: Isolated Find #10
Location 19: Isolated Find #11
Location 20: Isolated Find #12
Location 21: Isolated Find #13
Location 22: Informal Site 3
Location 23: Informal Site 4
Location 24: Informal Site 5
Location 25: Isolated Find #14
Location 26: Isolated Find #15
Location 27: Isolated Find #16
Location 28: Informal Site 6
Location 29: Isolated Find #17
Location 30: Informal Site 7
Location 31: Isolated Find #18
Location 32: Isolated Find #19
Location 33: Informal Site 8
Location 34: Informal Site 9
Location 35: Isolated Find #20
Location 36: Isolated Find #21
Location 37: Informal Site 10
Location 38: Isolated Find #22
Location 39: Isolated Find #23
Location 40: Isolated Find #24
Location 41: Informal Site 11
Location 42: Informal Site 12
Location 43: Informal Site 13
Location 44: Isolated Find #25
Location 45: Isolated Find #26
Location 46: Isolated Find #27
Location 47: Informal Site 14
Location 48: Isolated Find #29
Location 49: Isolated Find #30
Location 50: Isolated Find #31
Location 51: Isolated Find #32
Location 52: Isolated Find #33
Location 53: Isolated Find #34
Location 54: Isolated Find #35
Location 55: Informal Site 15
Location 56: Isolated Find #36
Location 57: Isolated Find #37
Location 58: Isolated Find #38
Location 59: Isolated Find #39

Based on the information contained in the report, the ministry is satisfied that the fieldwork and reporting for the archaeological assessment are consistent with the ministry's 2011 Standards and Guidelines for Consultant Archaeologists and the terms and conditions for archaeological licences. This report has been entered into the Ontario Public Register of Archaeological Reports. Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require any further information regarding this matter, please feel free to contact me.

Sincerely,

John Dunlop
Archaeology Review Officer

cc. Archaeology Licensing Officer
Gillian Macleod, Ontario Power Generation
Mike Evers, Planning and Development Division - Haldimand County

¹In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

Nanticoke Solar CHAR

4 messages

Chris Uchiyama <cuheritage@gmail.com>
To: "Muller, Joseph (MTCS)" <Joseph.Muller@ontario.ca>

30 January 2017 at 12:30

Hi Joe,

The Project Management team for the project have been doing their consultation meetings and open houses last week and this week and one of the outstanding items is the CHAR comment letter. I just wanted to check in to see if you had a chance to go through the coverletter for the revised CHAR last week - I'd like to set aside some time this week to address/follow up on anything that you feel may still require attention.

Regards,
Chris

--

Chris Uchiyama, M.A., CAHP
Heritage Consultant and Archaeologist
cuHeritage@gmail.com
[613.983.7503](tel:613.983.7503)

Muller, Joseph (MTCS) <Joseph.Muller@ontario.ca>
To: Chris Uchiyama <cuheritage@gmail.com>

31 January 2017 at 13:51

Hi Chris:

I'll work on it this week. Unfortunately I was pulled into a secondment for our director that has generated a lot of backlog for my regular files: my apologies. The replacement has arrived today, but I'm still covering until we do a handover in the next day or two, as he gets up to speed. Take care,

Joe

Joseph Muller, RPP, MCIP

Heritage Planner
Ministry of Tourism, Culture and Sport
Culture Division | Programs and Services Branch | Heritage Program Unit

401 Bay Street, Suite 1700
Toronto, Ontario M7A 0A7

Tel. [416.314.7145](tel:416.314.7145) | Fax. [416.212.1802](tel:416.212.1802)

From: Chris Uchiyama [mailto:cuheritage@gmail.com]
Sent: January 30, 2017 12:30 PM
To: Muller, Joseph (MTCS)
Subject: Nanticoke Solar CHAR

[Quoted text hidden]

Muller, Joseph (MTCS) <Joseph.Muller@ontario.ca>
To: Chris Uchiyama <cuheritage@gmail.com>

2 February 2017 at 12:52

Hello Chris:

Please find below my comments on the January 17, 2017, draft of your Cultural Heritage Assessment Report, Nanticoke Solar Project, Haldimand ON.

Executive Summary: The assertion that no cultural heritage resources were identified within the East, Central and West parcels is discussed below in Sections 2.5, 4.3, and 4.3.3.

P5, Bullet 1: The fields are now described as “former” agricultural fields: the photo-documentation from the 2016 site visit in the first iteration of the report we received (Plates 5, 7, 8) display actively cultivated fields (as do Plates 1 and 3 of the current report). As well, fallow (or tall grass) fields like this in Plates 6 and 10 of the first iteration are not considered formerly agricultural until they cannot be tilled due to tree/shrub intrusion (which is not documented).

P14, Section 2.5: O.Reg 9/06 does not determine whether an individual property is a cultural heritage resource: they are criteria used to determine whether a property warrants designation under Part IV of the Ontario Heritage, as stipulated by the regulation. This clarification is a fundamental to this report, because many identified cultural heritage resources are not designated but included on municipal heritage registers of heritage property, and many more properties are recognized as cultural heritage resources in municipal and provincial inventories, but are not of sufficient cultural heritage value or interest (CHVI) to warrant protective by-laws etc. Taking the position that property may not comprise a cultural heritage resource if it does not meet O.Reg 9/06 is not valid, as rulings by the Conservation Review Board and Ontario Municipal Board have borne out: however, in not meeting the criteria, they hold a lower priority for conservation/mitigation.

P16, Section 2.6, para 4: The primary focus of the historical background of this CHAR document should be “European settlement and land use”, not “post European”.

P31, Section 4.1: the definitions used in this section are outdated, and do not represent those in the August 2013 update to the 2011 [Cultural Heritage Resources An Information Bulletin for Projects Subject to Ontario Regulation 359/09 - Renewable Energy Approvals](#) (pp 12, 16):

“Built Heritage Resources

Built heritage resources are buildings, structures, monuments, installations or remains associated with architectural, cultural, social, political, economic or military history and identified as being important to a community. Examples of built heritage resources include: residential structures, farm buildings, mills, industrial, commercial, and institutional buildings, bridges, water systems, dams, canals, locks, cairns, statues, monuments, fountains, retaining walls, boundary or claim markers, or ruins.”

“Cultural Heritage Landscapes Cultural heritage landscapes provide the context, setting or support for the character of an area. Cultural heritage landscapes are groupings of buildings, structures, spaces, archaeological sites, and/or natural elements that collectively are of cultural heritage value or interest. Examples include: a cemetery, historic roadway, rail corridor, waterscape,

historical settlement, trail, battlefield, streetscape, agricultural landscape, a park or designed recreational community space, or a heritage conservation district.

← Landscapes may have material cultural evidence or material culture may be absent.”

Given that the definition for cultural heritage landscapes provided includes historic roadways and agricultural landscapes (as well as remaining natural elements such as woodlots), I strongly advise a reconsideration of the professional opinion offered, particularly as no supporting argument is provided to refute the definition established in the information bulletin. Similar to the observation made above, arguments based solely on professional opinion without a strong argument to overturn Ministry-established standards are not easily defensible, as rulings by the Conservation Review Board and Ontario Municipal Board have borne out.

I reiterate that the identification of cultural heritage resources does not mean that they meet criteria for designation under the OHA: however, they do warrant evaluation using O.Reg 9/06 criteria. When and while such evaluations may not identify sufficient CHVI for designation, the cultural heritage resources can still be recognized and where justified impacts mitigated.

P32-3, Section 4.3: A link to the 2012 MTCS guidance document is not provided. If this reference is to a previous iteration of the REA bulletin for cultural heritage assessments, it was supplanted by the 2013 update to the 2011 document, which is the standard being applied to this and other Post-2013 REA projects. As such, they warrant formal evaluation using O.Reg 9/06. While the central parcel has been planted in tall grass, this resulted from cultural activity, like the tilled fields discussed above, whether or not they meet O.Reg 9/06 criteria or are associated with farmsteads. The assertion that actively and recently cultivated fields (and associated field boundaries, lanes, woodlots etc.) are not agricultural landscapes because the built heritage has been removed is tenuous: arguing that they do not meet O.Reg 9/06 criteria is not, but they have not been subject to evaluation for CHVI in this report (which is warranted).

P38, Section 4.3.3.3: The discussion of Rainham Road and South Coast Drive does not include an evaluation using O.Reg 9/06, despite the conclusion that they retain no CHVI. Likewise, the assertion that at the edge of the Study Area the South Coast Road becomes a cultural landscape but not a cultural heritage landscape is a matter of semantics, and likewise is not subject to an O.Reg 9/06 evaluation for CHVI.

Sections 5, 6, 7

Pending screening for the potential CHVI of cultural heritage landscape features discussed above, these sections may require some or no/minimal amendment, as warranted by the outcome of the application of O.Reg 9/06.

Thank-you for your assistance, and please contact me if you have any questions or would like to discuss the file,

Joe

Joseph Muller, RPP, MCIP

Heritage Planner

Ministry of Tourism, Culture and Sport

Culture Division | Programs and Services Branch | Heritage Program Unit

401 Bay Street, Suite 1700

Toronto, Ontario M7A 0A7

From : Chris Uchiyama [mailto:cuheritage@gmail.com]
Sent: January 30, 2017 12:30 PM
To: Muller, Joseph (MTCS)
Subject: Nanticoke Solar CHAR

Hi Joe,

The Project Management team for the project have been doing their consultation meetings and open houses last week and this week and one of the outstanding items is the CHAR comment letter. I just wanted to check in to see if you had a chance to go through the coverletter for the revised CHAR last week - I'd like to set aside some time this week to address/follow up on anything that you feel may still require attention.

Regards,

Chris
--

Chris Uchiyama, M.A., CAHP
Heritage Consultant and Archaeologist
cuHeritage@gmail.com
[613.983.7503](tel:613.983.7503)

Chris Uchiyama <cuheritage@gmail.com>
To: "Muller, Joseph (MTCS)" <Joseph.Muller@ontario.ca>

5 February 2017 at 21:13

Hi Joe,


Please see attached revised CHAR for the Nanticoke Solar Project. I have also attached a coverletter outlining all revisions made in response to your comments.


I trust that this two documents should address all of your concerns. As you are aware, the deadline to submit the REA package for the project is fast approaching. Any delays in receiving your comment letter could have serious implications for the overall project. I will be available by phone or email if there are any outstanding issues that need to be addressed.

Regards,
Chris

[Quoted text hidden]

2 attachments

 coverletter_revisedCHAR_5Feb2017.pdf
261K

 HeritageAssessment_rpt_5Feb2017.pdf
8519K

Chris Uchiyama Heritage
220-414 Willowdale Ave.,
North York ON M2N 5B2
613.983.7503
cuHeritage@gmail.com

February 5, 2017 (sent via email only)

Joseph Muller, MCIP, RPP
Heritage Planner
Ministry of Tourism, Culture and Sport
Heritage Program Unit Programs and Services Branch
401 Bay Street, Suite 1700 Toronto ON M7A 0A7
Tel: 416 314 7145
Fax: 416 212 1802
Joseph.Muller@Ontario.ca

RE: Heritage Assessment Report, Nanticoke Solar Project. MTCS file No.: 0004895

Dear Joseph Muller:

Thank you for your email dated February 2, 2017. We have had a chance to review your comments and address your concerns. This letter outlines revisions made, in response to your recommendations, to the attached revised Cultural Heritage Assessment Report dated February 3, 2017. In order to outline the changes to the January 16 draft CHAR, your comments have been included in this letter in italics, followed by our response and actions taken to address your concerns.

MTCS comment:

Executive Summary: The assertion that no cultural heritage resources were identified within the East, Central and West parcels is discussed below in Sections 2.5, 4.3, and 4.3.3.

Response:

The ES has been revised to indicate that “no cultural heritage resources **of Cultural Heritage Value or Interest** were identified within the East, Central, and West parcels.” Further discussion of the justification for these findings is outlined below.

MTCS comment:

P5, Bullet 1: The fields are now described as “former” agricultural fields: the photo-documentation from the 2016 site visit in the first iteration of the report we received (Plates 5, 7, 8) display actively cultivated fields (as do Plates 1 and 3 of the current report). As well, fallow (or tall grass) fields like this in Plates 6 and 10 of the first iteration are not

considered formerly agricultural until they cannot be tilled due to tree/shrub intrusion (which is not documented).

Response:

The word 'former' has been removed throughout, with respect to the fields; although, it should be noted that the tilling shown in the photographs is a result of ploughing and disking undertaken for the archaeological pedestrian survey (Stage 2 Archaeological Assessment), not for the purposes of cultivation. The Central parcel (planted prairie grassland) was not ploughed until the fall to protect bobolink habitat.

MTCS comment:

P14, Section 2.5: O.Reg 9/06 does not determine whether an individual property is a cultural heritage resource: they are criteria used to determine whether a property warrants designation under Part IV of the Ontario Heritage, as stipulated by the regulation. This clarification is a fundamental to this report, because many identified cultural heritage resources are not designated but included on municipal heritage registers of heritage property, and many more properties are recognized as cultural heritage resources in municipal and provincial inventories, but are not of sufficient cultural heritage value or interest (CHVI) to warrant protective by-laws etc. Taking the position that property may not comprise a cultural heritage resource if it does not meet O.Reg 9/06 is not valid, as rulings by the Conservation Review Board and Ontario Municipal Board have borne out: however, in not meeting the criteria, they hold a lower priority for conservation/mitigation.

Response:

This point has been taken and addressed in a revision to the text, which now reads, "These criteria are used to determine if an individual property or potential heritage resource is a cultural heritage resource of Cultural Heritage Value or Interest (CHVI)." This description has been carried throughout the report.

This approach is consistent with the MTCS REA guidance document (2013), *Section 2.3: Evaluation*, which states:

A resource can be said to be of cultural heritage value or interest if it meets one or more of the criteria set out in O. Reg. 9/06. Potential cultural heritage resources identified during background research and preliminary screening should be referred to as potential heritage resources until an evaluation against O. Reg. 9/06 determines they are of cultural heritage value or interest.

Further,

If, after the evaluation process, a resource is found not to have cultural heritage value or interest, there is no need to assess impacts. If no cultural heritage resources are present, the assessment would end at this stage.

The person conducting the heritage assessment should prepare a summary statement that explains the conclusions and recommendations of the heritage assessment report.

There should be a clear rationale made in the report specifying why no further assessment or evaluation is required.

MTCS comment:

P16, Section 2.6, para 4: The primary focus of the historical background of this CHAR document should be “European settlement and land use”, not “post European”.

Response:

This has been revised as per your recommendation and the word “post” has been removed.

MTCS comment:

P31, Section 4.1: the definitions used in this section are outdated, and do not represent those in the August 2013 update to the 2011 Cultural Heritage Resources An Information Bulletin for Projects Subject to Ontario Regulation 359/09 - Renewable Energy Approvals (pp 12, 16):

“Built Heritage Resources

Built heritage resources are buildings, structures, monuments, installations or remains associated with architectural, cultural, social, political, economic or military history and identified as being important to a community. Examples of built heritage resources include: residential structures, farm buildings, mills, industrial, commercial, and institutional buildings, bridges, water systems, dams, canals, locks, cairns, statues, monuments, fountains, retaining walls, boundary or claim markers, or ruins.”

“Cultural Heritage Landscapes Cultural heritage landscapes provide the context, setting or support for the character of an area. Cultural heritage landscapes are groupings of buildings, structures, spaces, archaeological sites, and/or natural elements that collectively are of cultural heritage value or interest. Examples include: a cemetery, historic roadway, rail corridor, waterscape, historical settlement, trail, battlefield, streetscape, agricultural landscape, a park or designed recreational community space, or a heritage conservation district.

Ü Landscapes may have material cultural evidence or material culture may be absent.”

Given that the definition for cultural heritage landscapes provided includes historic roadways and agricultural landscapes (as well as remaining natural elements such as woodlots), I strongly advise a reconsideration of the professional opinion offered, particularly as no supporting argument is provided to refute the definition established in the information bulletin. Similar to the observation made above, arguments based solely on professional opinion without a strong argument to overturn Ministry-established standards are not easily defensible, as rulings by the Conservation Review Board and Ontario Municipal Board have borne out.

I reiterate that the identification of cultural heritage resources does not mean that they meet criteria for designation under the OHA: however, they do warrant evaluation using O.Reg 9/06 criteria. When and while such evaluations may not identify sufficient CHVI for designation, the cultural heritage resources can still be recognized and where justified impacts mitigated.

Response:

The descriptions of built heritage resources and cultural heritage landscapes provided in the revised report are indeed from the 2013 MTCS guidance document (page 16); although the examples were removed and a typo incorrectly attributed them to a 2012 reference. In order to avoid further confusion, these definitions have been replaced with the definitions from the Glossary of the 2013 document, as follows:

Built Heritage Resource: Built heritage resources are buildings, structures, monuments, installations or remains associated with architectural, cultural, social, political, economic or military history and identified as being important to a community.

Cultural Heritage Landscape: A defined geographic area that provides the context, setting or support for the character of an area. Cultural heritage landscapes are groupings of buildings, structures, spaces, archaeological sites, and/or natural elements that collectively are of cultural heritage value or interest.

MTCS comment:

P32-3, Section 4.3: A link to the 2012 MTCS guidance document is not provided. If this reference is to a previous iteration of the REA bulletin for cultural heritage assessments, it was supplanted by the 2013 update to the 2011 document, which is the standard being applied to this and other Post-2013 REA projects. As such, they warrant formal evaluation using O.Reg 9/06. While the central parcel has been planted in tall grass, this resulted from cultural activity, like the tilled fields discussed above, whether or not they meet O.Reg 9/06 criteria or are associated with farmsteads. The assertion that actively and recently cultivated fields (and associated field boundaries, lanes, woodlots etc.) are not agricultural landscapes because the built heritage has been removed is tenuous: arguing that they do not meet O.Reg 9/06 criteria is not, but they have not been subject to evaluation for CHVI in this report (which is warranted).

Response:

As previously noted, the reference to a 2012 document is an inadvertent typo. The 2013 guidance document was applied to this CHAR. An explicit O.Reg. 9/06 evaluation of each potential cultural heritage landscape is now included in the report.

MTCS comment:

P38, Section 4.3.3.3: The discussion of Rainham Road and South Coast Drive does not include an evaluation using O.Reg 9/06, despite the conclusion that they retain no CHVI. Likewise, the assertion that at the edge of the Study Area the South Coast Road becomes a cultural landscape but not a cultural heritage landscape is a matter of semantics, and likewise is not subject to an O.Reg 9/06 evaluation for CHVI.

Response:

An O.Reg.9/06 evaluation for each potential CHL is now included in the report. This evaluation was done at a screening level and the previous statement was meant as a summary of the findings. A more detailed discussion and justification of these findings is included in the revised report in table form.

MTCS comment:

Sections 5, 6, 7

Pending screening for the potential CHVI of cultural heritage landscape features discussed above, these sections may require some or no/minimal amendment, as warranted by the outcome of the application of O.Reg 9/06.

Response:

None of the potential CHLS were found to have CHVI. Per Section 2.3 of the 2013 MTCS REA document (page 23), "If, after the evaluation process, a resource is found not to have cultural heritage value or interest, there is no need to assess impacts."

If you require further clarification on any of these points, please do not hesitate to contact me to discuss your concerns. I would like to reiterate that the overall project is on a critical path and we will continue to work with you to respond to your concerns as quickly as possible to meet the February 10th deadline.

Sincerest regards,



Chris Uchiyama, M.A., CAHP

Heritage Consultant

Chris Uchiyama Heritage

cuHeritage@gmail.com

613.983.7503

Enclosure

**Ministry of Tourism, Culture
and Sport**

Heritage Program Unit
Programs and Services Branch
Culture Division
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel: 416 314-7145
Fax: 416 212-1802

**Ministère du Tourisme, de la Culture
et du Sport**

Unité des programmes patrimoine
Direction des programmes et des services
Division de culture
401, rue Bay, bureau 1700
Toronto ON M7A 0A7
Tél: 416 314-7145
Télé: 416 212-1802



February 6, 2017

Chris Uchiyama
Chris Uchiyama Heritage
220-414 Willowdale Avenue
North York ON M2N 5B2
E: cuheritage@gmail.com

Project:	Nanticoke Solar Project
OPA Reference Number:	L-006354-SPV-001-044
Report Title:	Cultural Heritage Assessment Report: Nanticoke Solar Project
Applicant:	Nanticoke Solar LP
Location:	Former Township of Walpole Haldimand County, Ontario
MTCS File No.:	0004895

Dear Chris Uchiyama:

This office has reviewed the above-mentioned report (the "Report"), which has been submitted to this Ministry as required under O. Reg. 359/09, as amended (Renewable Energy Approvals under the *Environmental Protection Act*) (the "REA regulation"). This letter constitutes the Ministry of Tourism, Culture and Sport (the "Ministry") comments for the purposes of section 23(3)(a) of the REA regulation regarding the heritage assessment undertaken for the above project.

The Report recommends the following:

7.0 RECOMMENDATIONS

Chris Uchiyama Heritage was retained by ARCADIS Canada Inc. on behalf of their client, Nanticoke SolarLP, to undertake a Cultural Heritage Assessment Report (CHAR) for the proposed Nanticoke Solar Project. The CHAR was prepared by Christienne Uchiyama, M.A., CAHP per the MTCS guidance document *Cultural Heritage Resources: An Information Bulletin for Projects Subject to Ontario Regulation 359/09 – Renewable Energy Approvals* (updated August 2013). Prior to submission, the report underwent a peer review, conducted by Marcus Létourneau, PhD, MCIP, RPP, CAHP.

No protected properties, as described in O.Reg.359/09, section 19 are located on or adjacent to the study area. Three cultural heritage resources of CHVI were identified within or adjacent to the Proposed Project Location:

- Nanticoke Generating Station (local cultural heritage value or interest);
- Nanticoke Generating Station National Historic Site of Canada (national heritage value or interest); and,
- 237 Sandusk Road (potential local cultural heritage value or interest).

No negative impacts have been identified with respect to heritage attributes of the Nanticoke GS. No mitigation is recommended.

No negative Proposed Project-related impacts have been identified with respect to heritage attributes of the Nanticoke National Historic Site of Canada, aside from archaeological concerns which are being addressed by a separate study. No mitigation is recommended.

No negative impacts have been identified with respect to the heritage attributes of 237 Sandusk Road. No mitigation is recommended.

Based on the current Proposed Project Design, no further mitigation is recommended. In the event that changes to Proposed Project Design may potentially result in alteration or removal of part or all of any components or heritage attributes of identified cultural heritage resources of CHVI, further mitigation may be warranted. Possible mitigation may include documentation of machinery or equipment prior to removal; however, appropriate mitigation would need to be re-assessed in the event of modifications to the Proposed Project Design.

Based on the information contained in the Report, the Ministry is satisfied that the heritage assessment process and reporting are consistent with the applicable heritage assessment requirements established in Section 23 of O. Reg. 359/09. Please note that the Ministry makes no representation or warranty as to the completeness, accuracy or quality of the heritage assessment report (please see Note 1).

This letter does not waive any requirements under the *Ontario Heritage Act*.

This letter does not constitute approval of the renewable energy project. Approvals or licences for the project may be required under other statutes and regulations. Please ensure that you obtain all required approvals and/or licences.

Please ensure that the proponent is aware that, if new information or substantive project changes arise after issuance of this letter, the applicant should discuss them with you to determine if any additional assessment or reporting is required. If additional reporting or revisions are required, they should be submitted to the Ministry for review. Upon completion of that review, the Ministry will determine if any revisions to the content of this letter are required.

Should you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Joseph Muller, RPP/MCIP
Heritage Planner
Joseph.Muller@Ontario.ca

cc. Gillian MacLeod, Senior Environmental Advisor
Ontario Power Generation

Kathleen Hedley, Director
Environmental Approvals Branch, Ministry of the Environment and Climate Change (MOECC)

Dolly Goyette, Director
Environmental Approvals Access and Service Integration Branch, MOECC

James Hamilton, Manager
Heritage Program Unit, Ministry of Tourism, Culture and Sport

Note 1: In no way will the Ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional heritage resources are identified or the Report is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

MTO

Correspondence

From: Langstaff, Wayne (MTO) [<mailto:Wayne.Langstaff@ontario.ca>]
Sent: May-11-16 11:31 AM
To: j.erzetic@opg.com; info@nanticokesolar.com
Cc: Morrissey, John (MTO) <John.Morrissey@ontario.ca>; Leyten, Martin (MTO) <Martin.Leyten@ontario.ca>; Raetsen, Sarah (MOECC) <Sarah.Raetsen@ontario.ca>
Subject: Nanticoke Solar Farm - MTO Inquiry

Hello,

Attached is a memorandum outlining MTO interests and concerns for the Nanticoke Solar Project in Haldimand County.

Please contact our office with any questions.

Regards,

Wayne Langstaff, EIT
Corridor Control Technician

Corridor Management WR, Ministry of Transportation Ontario
659 Exeter Road, 1st Floor, London ON N6E 1L3
Phone: 1 519 873 4580
Email: Wayne.Langstaff@ontario.ca<<mailto:Wayne.Langstaff@ontario.ca>>
[\[cid:image001.png@01D1AB77.B979A4F0\]](#)

**Ministry of
Transportation**

Engineering Office

Corridor Management Section

659 Exeter Road
London, Ontario, N6E 1L3
Telephone: (519) 873-4129
Facsimile: (519) 873-4228

**Ministère des
Transports**

Bureau du génie

Section de gestion des couloirs routiers

659 Exeter Road
London (Ontario) N6E 1L3
Téléphone : (519) 873-4129
Télécopieur : (519) 873-4228



May 11, 2016

Project Management Team

**Re: Nanticoke Solar Project
General Comments
Highway 3 & Highway 6
Haldimand County**

The Ministry of Transportation (MTO) has recently received a list of successful proponents for Large Renewable Procurement in Southwestern Ontario. Please confirm that Nanticoke Solar Project will not be within the Ministry of Transportation's Permit Control Area (PCA). If it is, in accordance with the *Public Transportation and Highway Improvement Act (PTHIA)*, permits are required from MTO before any grading, demolition, construction or alteration to the land commences.

The PTHIA establishes that MTO may issue permits for the purpose of controlling and regulating buildings, land use, encroachments, entrances, structures and installations including those associated with generation of electricity within the PCA, and that MTO may attach such conditions to these permits as deemed necessary to protect our highways and infrastructure.

Based upon the limited information available at this time, MTO will require additional details regarding the following to be provided with any future application for permit. Additional items may be identified once more details are available.

Entrances

The construction of any access onto a provincial highway requires an Entrance Permit. The number, type and location of any access onto a provincial highway is regulated by MTO's Highway Access Management Guidelines.

Encroachment

The installation or placement of any works upon, under or within the limits of a provincial highway property placed by someone other than MTO requires an Encroachment Permit. All encroachments are regulated and must meet all conditions set out by MTO.

Building and Land Use

Building and Land Use Permits are required for any grading or construction proposed on a property located within 45 metres of the highway property limit or within a 180 metre radius of an interchange/intersection.

General

As a condition of MTO permits, the placement of the actual solar panel structures, and location of service lines, service roads, and/or fire access routes or any appurtenances relevant to the project must be reviewed and approved by the MTO. In conjunction with this, appropriate detailed plans must be provided to MTO.

All internal road networks, service roads, service roads, and/or fire access routes shall be located a minimum of 14 metres from MTO designated highway property limit.

MTO requests that the Proponent circulate this office with all relevant plans and materials regarding the project. Additionally, it is advisable to arrange a pre-consultation with MTO staff as soon as possible, to review the proposal and ensure the project boundaries are not within the PCA.

Regards,



Wayne Langstaff
Corridor Management Section
Ministry of Transportation – West Region

- c. John Morrisey, Corridor Management Planner, Corridor Management Section
- Martin Leyten, Corridor Management Officer, Corridor Management Section
- Sarah Raetsen, Senior Project Coordinator, Ministry of Environment and Climate Change

From: MACLEOD Gillian -ENVIRONMENT
Sent: Friday, September 23, 2016 1:44 PM
To: 'Morrisey, John (MTO)'
Subject: RE: Follow up on VM re Nanticoke Solar

Ok Great . We just wanted to make sure you had a chance to participate in the municipal meeting if you wanted /needed to.

If the transmission changes I will let you know

Best regards

Gillian

From: Morrisey, John (MTO) [<mailto:John.Morrisey@ontario.ca>]
Sent: Friday, September 23, 2016 1:02 PM
To: MACLEOD Gillian -ENVIRONMENT
Subject: RE: Follow up on VM re Nanticoke Solar

Gillian,

I've looked over the site and the proposed transmission lines. Neither one will impact the provincial highway network, therefore MTO review, approval and permits will not be required.

Should the transmission routes change, I would like the opportunity to review.

Regards,

John Morrisey

Corridor Management Planner

Corridor Management Section

Engineering Office

Ministry of Transportation

659 Exeter Road, London, ON

N6E 1L3

Telephone 519-873-4597

Fax 519-873-4228

John.morrisey@ontario.ca<<mailto:John.morrisey@ontario.ca>>

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

From: MACLEOD Gillian -ENVIRONMENT [<mailto:gillian.macleod@opg.com>]

Sent: September-23-16 10:31 AM

To: Morrisey, John (MTO)

Subject: Follow up on VM re Nanticoke Solar

<http://nanticoke-solar.com/maps/>

Hi John, Alan Hodgins gave me your name as the person at MTO who may have an interest in the Nanticoke Solar project that OPG is a partner in.

The attached web site give a lot of background info, and has maps that show you the location of the project etc.

My team and I are meeting with the municipality on September 28th from 10-12 at their office (i can get you details if you like). Initially Wayne had send our project team via our website a note saying he would like to be involved in any traffic planning work etc. This is one of the topics we will be discussing with the Municipality and as I had earlier noted to Wayne we would be happy to include you in that if you wanted to participate.

Could you please let me know if you are still interested in Nanticoke Solar, and also if you are interested in attending the Sept 28th meeting.

My phone no is 416 592 3481- or just send me an email to avoid all the telephone tag

Thanks

Gillian

Sr. Environmental Advisor

LPRCA

Correspondence

From: Cori Carveth
Sent: Monday, February 02, 2015 3:39 PM
To: 'bbravener@lprca.on.ca'
Subject: Floodplain and Other Information Requested for REA Records Review

Hi Bonnie,

I am undertaking a Water body Records Review for a REA and I would like to request the floodplain mapping and any other information that you might have for the watercourses identified on the attached figure including fisheries, natural heritage, SAR or information related to the regulation limit.

The site is located north of Oil Springs Line, west of Greenfield Road and bounded to the west by St. Clair Parkway (Hwy 33) and the St. Clair River. It is the OPG Lambton Generating Station.

Could you kindly let me know if you can provide me with this information or if you have any questions?

Thanks in advance,

Cori

Cori Carveth, M.Sc. / Project Manager/Ecologist

BEACON ENVIRONMENTAL

469 Water Street, Peterborough, ON K9H 3M2

T) 705.243.7251 x401 C) 705.917.2219

www.beaconenviro.com

From: Bonnie Bravener [mailto:bbravener@lprca.on.ca]
Sent: February 4, 2015 3:53 PM
To: Cori Carveth <ccarveth@beaconenviro.com>
Subject: RE: Floodplain and Other Information Requested for REA Records Review

Good Afternoon,

In response to your enquiry;

- LPRCA has no record of a watercourse and/or flood plain mapping on the subject property
- LPRCA has no natural heritage information
- Lake Erie Shoreline Species at Risk – Special Concern Species identified; grass pickerel, northern brook lamprey, silver chub, silver lamprey, warmouth (Fisheries and Oceans Canada)
- The shoreline of Lake Erie is located within the Regulation Limit of Ontario Regulation 178/06, however, the regulation does not bind a crown corporation

Please contact me should you have further questions in this regard.

Bonnie Bravener
Resource Technician

Long Point Region Conservation Authority

4 Elm Street, Tillsonburg, Ontario N4G 0C4
T. 519-842-4242 or 888-231-5408 ext. 233
F. 519-842-7123

From: Cori Carveth [mailto:ccarveth@beaconenviro.com]
Sent: February-02-15 3:42 PM
To: Bonnie Bravener
Subject: RE: Floodplain and Other Information Requested for REA Records Review

Sorry Bonnie, I sent the wrong site information.

The site is the Nanticoke Generating Station, which is located south of Rainham Road, east of Nanticoke Road and bounded to the south by Lake Erie.

Thanks in advance, and sorry about the confusion.

Cori Carveth, M.Sc. / Project Manager/Ecologist
BEACON ENVIRONMENTAL

From: Merchant, Zeeshan
Sent: October 17, 2016 11:14 AM
To: 'bhodi@lprca.on.ca' <bhodi@lprca.on.ca>
Subject: OPG Nanticoke Solar Farm Conceptual SWM Plan

Hi Ben,

To follow-up on our conversation, please find attached a map of the flood plain overlaid with the proposed site development area. As shown in the map, there are 3 minor areas of the site that will be graded to contain the flood plain outside of the proposed development area.

I have also attached the current drainage patterns for the coal pile area (the second area for the SWM plan of the Nanticoke Solar farm). This area contains existing SWM features such as culverts, catch basins and ditches, and utilizes a system of lagoons for treatment. Our SWM plan for this is to leave everything as with minor grading work within the coal pile area to include topsoil and promote vegetation.

Would you be available later this afternoon for a brief discussion to go over these figures?

Regards,

Zeeshan Merchant P.Eng. | Water & Wastewater Engineer |
zeeshan.merchant@arcadis.com
Arcadis | Arcadis Canada Inc.
121 Granton Drive Suite 12 Richmond Hill ON | CANADA
T. +1 905 764 9380 ext 471 | F. +1 905 764 9386

Connect with us! www.arcadis.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#)



Be green, leave it on the screen.

From: Merchant, Zeeshan
Sent: October 26, 2016 9:47 AM
To: 'bhodi@lprca.on.ca' <bhodi@lprca.on.ca>
Subject: OPG Nanticoke Solar Farm Conceptual SWM Plan

Hi Ben,

Have you had a chance to review the previously sent minutes and figures? I have re-attached them for your reference. I have also attached the proposed revised Post-development drainage pattern along with the original pre-development drainage pattern.

I was wondering if you would be able to spare an hour later today to have a brief discussion on the attached. I will be out of the office for two weeks starting this Friday, so I would greatly appreciate if we could discuss this before I leave.

Cheers,

Zeeshan Merchant P.Eng. | Water & Wastewater Engineer |
zeeshan.merchant@arcadis.com
Arcadis | Arcadis Canada Inc.
121 Granton Drive Suite 12 Richmond Hill ON | CANADA
T. +1 905 764 9380 ext 471 | F. +1 905 764 9386

Connect with us! www.arcadis.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#)



Be green, leave it on the screen.

This e-mail and any files transmitted with it are the property of Arcadis and its affiliates. All rights, including without limitation copyright, are reserved. This e-mail contains information which may be confidential and may also be privileged. It is for the exclusive use of the intended recipient(s). If you are not the intended recipient(s) please note that any form of distribution, copying or use of this communication or the information in it is strictly prohibited and may be unlawful. If you have received this communication in error please return it to the sender and then delete the e-mail and destroy any copies of it. While reasonable precautions have been taken to ensure no software viruses are present in our emails we cannot guarantee that this e-mail or any attachment is virus-free or has not been intercepted or changed. Any opinions or other information in this e-mail that do not relate to the official business of Arcadis are neither given nor endorsed by it.

From: Cori Carveth [<mailto:ccarveth@beaconenviro.com>]
Sent: November-02-16 10:08 AM
To: Bonnie Bravener
Cc: Brian Henshaw; 'Shantz, Phil'; 'MACLEOD Gillian -ENVIRONMENT'
Subject: Nanticoke Solar Discussions with LPRCA

Hi Bonnie,

As a follow up to recent discussions between yourself and Brian Henshaw (Beacon Environmental) regarding the proposed Nanticoke Solar Development, I am sending you the following materials for review:

1. Figure 1 - Staked feature limits and proposed buffers;
2. Figure 2 – With development plan overlain; and
3. DRAFT Storm water management plan.

As discussed with Brian, kindly review the attached documents and let me know if any further site visits or meetings are required. We understand that floodplain mapping is not available for this property, it is therefore not shown on the figures.

Please contact me if you have any questions or concerns. We look forward to hearing from you.

Cori

Cori Carveth, M.Sc. / Project Manager/Ecologist

BEACON ENVIRONMENTAL

305 Reid Street, Peterborough, ON K9J 3R2

T) 705.243.7251 x401 C) 705.917.2219

www.beaconenviro.com

From: Merchant, Zeeshan
Sent: November 15, 2016 1:42 PM
To: Ben Hodi <bhodi@lprca.on.ca>
Subject: OPG Nanticoke Solar Farm Conceptual SWM Plan

Hi Ben,

Hope all is well.

I was wondering if you would have some time this week to discuss my previous e-mail?

Let me know when you will be available for a quick call.

Regards,

Zeeshan Merchant P.Eng. | Water & Wastewater Engineer |
zeeshan.merchant@arcadis.com
Arcadis | Arcadis Canada Inc.
121 Granton Drive Suite 12 Richmond Hill ON | CANADA
T. +1 905 764 9380 ext 471 | F. +1 905 764 9386

Connect with us! www.arcadis.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#)



Be green, leave it on the screen.

This e-mail and any files transmitted with it are the property of Arcadis and its affiliates. All rights, including without limitation copyright, are reserved. This e-mail contains information which may be confidential and may also be privileged. It is for the exclusive use of the intended recipient(s). If you are not the intended recipient(s) please note that any form of distribution, copying or use of this communication or the information in it is strictly prohibited and may be unlawful. If you have received this communication in error please return it to the sender and then delete the e-mail and destroy any copies of it. While reasonable precautions have been taken to ensure no software viruses are present in our emails we cannot guarantee that this e-mail or any attachment is virus-free or has not been intercepted or changed. Any opinions or other information in this e-mail that do not relate to the official business of Arcadis are neither given nor endorsed by it.

From: Cori Carveth [mailto:ccarveth@beaconenviro.com]
Sent: November 25, 2016 8:10 AM
To: 'Ben Hodi' <bhodi@lprca.on.ca>
Cc: 'Bonnie Bravener' <bbravener@lprca.on.ca>
Subject: RE: Nanticoke Solar Discussions with LPRCA

Thank you Ben. We will add this to our mapping. Do you have any other comments regarding the proposed project?

Cori Carveth, M.Sc. / Project Manager/Ecologist
BEACON ENVIRONMENTAL

From: Ben Hodi [mailto:bhodi@lprca.on.ca]
Sent: Thursday, November 24, 2016 3:50 PM
To: Cori Carveth <ccarveth@beaconenviro.com>
Cc: Bonnie Bravener <bbravener@lprca.on.ca>
Subject: RE: Nanticoke Solar Discussions with LPRCA

Hi Cori – The information requested is attached for the Nanticoke Solar project. Please confirm you received this email as the file is quite large.

Sincerely,
Ben Hodi

From: Bonnie Bravener
Sent: November 24, 2016 10:45 AM
To: Ben Hodi
Subject: FW: Nanticoke Solar Discussions with LPRCA

Bonnie Bravener
Resource Technician

Long Point Region Conservation Authority

4 Elm Street, Tillsonburg, Ontario N4G 0C4
T. 519-842-4242 or 888-231-5408 ext. 233
F. 519-842-7123

From: Merchant, Zeeshan [<mailto:Zeeshan.Merchant@arcadis.com>]
Sent: January 13, 2017 1:58 PM
To: Ben Hodi
Subject: Nanticoke Solar Conceptual SWM Report

Hi Ben,

I just wanted to follow-up with you to see if you have had a chance to review the conceptual SWM report.

Cheers,

Zeeshan

From: Merchant, Zeeshan
Sent: January 10, 2017 10:43 AM
To: Ben Hodi <bhodi@lprca.on.ca>
Subject: Nanticoke Solar Conceptual SWM Plan

Hi Ben,

As per our discussion, please find attached the Nanticoke Solar conceptual SWM Plan report. Please do not hesitate to contact me if you have any questions or concerns.

I will touch base with you on Friday.

Regards,

Zeeshan Merchant P.Eng. | Water & Wastewater Engineer |
zeeshan.merchant@arcadis.com
Arcadis | Arcadis Canada Inc.
121 Granton Drive Suite 12 Richmond Hill ON | CANADA
T. +1 905 764 9380 ext 471 | F. +1 905 764 9386

From: Ben Hodi [<mailto:bhodi@lprca.on.ca>]
Sent: January 17, 2017 2:44 PM
To: Merchant, Zeeshan <Zeeshan.Merchant@arcadis.com>
Subject: RE: Nanticoke Solar Conceptual SWM Report

Hi Zeeshan,

Thank you for the documents for the Nanticoke Solar Project.

The following documents were reviewed:

1. Conceptual Stormwater Management Plan
2. Proposed Alterations to Floodplain Area
3. Coal Pile SWM Flow Direction
4. Revised Post-Development Drainage
5. Figure – Pre-Development Drainage

At this time, LPRCA staff have no objection to the proposed conceptual designs.

Please be advised a portion of the proposed development area is regulated by Ontario Regulation 178/06 and a permit from LPRCA is required under the regulation.

Sincerely,
Ben Hodi

CEAA

Correspondence



Canadian Environmental
Assessment Agency

Agence canadienne
d'évaluation environnementale

55 St. Clair Avenue East,
Room 907
Toronto ON M4T 1M2

55, avenue St. Clair Est,
pièce 907
Toronto ON M4T 1M2

May 29, 2015

Sent by email

Svetlana Helc
Ontario Power Generation
700 University Ave.
Toronto, ON M5G1XB
info@nanticokesolar.com

Dear Ms. Helc:

Re: Information on the *Canadian Environmental Assessment Act, 2012*

Thank you for your correspondence of May 13, 2015 regarding the Nanticoke Solar Facility.

As part of the Government of Canada's plan for Responsible Resource Development, the *Canadian Environmental Assessment Act, 2012* (CEAA 2012) focuses federal environmental reviews on projects that have the potential to cause significant adverse environmental effects in areas of federal jurisdiction.

The CEAA 2012 applies to projects described in the *Regulations Designating Physical Activities* (the Regulations). Based on the information provided, your project does not appear to be described in the Regulations. **Kindly review the Regulations to confirm applicability to the proposed project.**

If your project is in a federally designated wildlife area or migratory bird sanctuary please check section 1 of the Regulations, which details the designated projects specific to those locations.

For more information on CEAA 2012, please access the following links on the Canadian Environmental Assessment Agency's (the Agency) website:

Overview of CEAA 2012

<http://www.ceaa.gc.ca/default.asp?lang=En&n=16254939-1>

Regulations Designating Physical Activities, and

Prescribed Information for a Description of a Designated Project Regulations

<http://www.ceaa.gc.ca/default.asp?lang=En&n=9EC7CAD2-1>

If it appears that CEAA 2012 may apply to your proposed project, you must provide the Agency with a description of the proposed project. Please see the link below to the Agency's guide to preparing a project description.

Guide to Preparing a Description of a Designated Project

<http://www.ceaa.gc.ca/63D3D025-2236-49C9-A169->

[DD89A36DA0E6/Guide to Preparing a Description of a Designated Project under CEAA 2012.pdf](http://www.ceaa.gc.ca/63D3D025-2236-49C9-A169-DD89A36DA0E6/Guide%20to%20Preparing%20a%20Description%20of%20a%20Designated%20Project%20under%20CEAA%202012.pdf)

If you believe the project is not subject to a federal environmental assessment, and do not submit a project description, **we kindly request that you remove the Agency from your distribution list.** If you have questions, please get in touch with our office through the switchboard at 416-952-1576.

Sincerely,

A handwritten signature in black ink, appearing to read 'A.P.', with a long, sweeping horizontal line extending to the right.

Anjala Puvananathan
Director, Ontario Region
Canadian Environmental Assessment Agency

ONTARIOPOWER GENERATION

700 University Avenue Toronto, Ontario M5G 1X6

May 13, 2015

Dear Agencies,

RE: Notice of Commencement of Large Renewable Procurement (LRP) I Bid and Renewable Energy Approval (REA) Process, and Invitation to attend the first Public Community Meeting for the proposed Nanticoke Solar project – June 3, 2015

We would like to advise you that Ontario Power Generation Inc. ("OPG") or an associated Special Purpose Entity (referred to as OPG or the "Proponent") has recently commenced planning for a new solar energy facility – the proposed Nanticoke Solar Project. Attached is a copy of the Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project as well as a fact sheet containing further information regarding the facility.

OPG is proposing to design, build and operate up to a 50 MW Class 3 Solar Facility at the existing OPG Nanticoke Generating Station (GS) site, and additional lands it owns as well as on adjacent lands it plans to lease, all located in Haldimand County. The solar power generation facility will use photovoltaic panels to absorb sunlight as a source of energy and convert it to electricity. OPG is concurrently applying to obtain a contract under the IESO's Large Renewable Procurement (LRP) I Request For Proposal and a Renewable Energy Approval (REA) for the proposed facility.

Your participation and feedback are important. On Wednesday, June 3, from 3:30 to 8:00 p.m., we will be holding our first Public Community Meeting at the Nanticoke Community Hall, located at 38 Rainham Road, Nanticoke, Ontario and we encourage you to attend, ask questions and provide us with your comments. If you are unable to attend, please do not hesitate to contact us for further information.

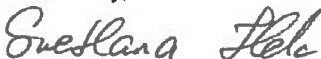
OPG appreciates and encourages public input and welcomes questions and feedback. We are committed to engaging with area residents, community organizations and interested parties throughout the development of this proposed project. The first Public Community Meeting is designed to introduce our proposed project, the LRP I and REA processes, and seek public feedback on local environmental and socioeconomic considerations. During the Public Community Meeting, you will have an opportunity to view display panels, and speak directly with representatives of OPG, and the environmental consultants working with our project team. We will be documenting your input and these comments will be considered in the LRP I and REA processes.

If OPG is successful in the LRP bid process, a second Public Community Meeting is anticipated to be likely held in early 2016 to share further details and provide a project update.

For further information about the upcoming Public Community Meeting or the proposed Nanticoke solar project, please do not hesitate to contact the team via e-mail at info@nanticokeSolar.com. We also invite you to visit the project website at www.NanticokeSolar.com. A copy of the project description report, which was prepared as part of the REA process, is also available for viewing on our website.

We encourage you to participate and look forward to meeting you.

Yours truly,



Svetlana Helc

Project Manager, Corporate Business Development

Enclosures:

Notices of Public Community Meeting and proposal to engage in a Renewable Energy Project
Fact Sheet

**Appendix F: Municipal, Conservation Authority, and
Agency Comment/Response Table**

APPENDIX F

Municipal, Conservation Authority, and Agency Comment/Response Table

Municipal, Conservation Authority, and Agency Comments/Responses

Date Comments Received	Subject Matter	Comments	Response
Haldimand County			
August 8, 2016	Cultural Heritage Assessment: The cultural heritage consultant for Nanticoke Solar LP requested an update on protected properties which had been included in the Cultural Heritage Report submitted as part of the LRP I bid.	Haldimand County confirmed that no significant changes had taken place.	The information was included in the current Cultural Heritage Assessment Report.
September 28, 2016	The Nanticoke Solar team met with municipal staff to discuss noise, storm water, and road use (traffic).	<p>Posed questions regarding the use of berms for noise attenuation and mitigation.</p> <p>The County would like to review the draft storm water management report. The County is interested in the concentration of water and the retention time and infiltration capacity during construction.</p> <p>Nanticoke Solar is to be aware of the Road Use Agreement (RUA), and there were no serious concerns with the current plans for traffic, both during construction and operations.</p> <p>The County does wish any damage to roads caused by the Project to be repaired to pre-development conditions, and that the proponent be responsible for the repairs, as the damage occurs.</p>	<p>The approach that Nanticoke Solar will use is to optimize the number of inverters and vary the distance, so as to maintain the natural contours from a storm water management perspective, with no plans to store excess soil on site. Also, all noise laws, including the County noise by-law, will be adhered to. Construction noise will be included in the acoustic assessment report. Nanticoke Solar committed to working with the County when the stormwater management work commences.</p> <p>For the most part, existing elevations will likely be maintained, the buffered features will remain untouched, and existing slopes will also remain the same, more or less.</p> <p>Nanticoke Solar LP has committed to the RUA. Most of the traffic will be confined to the north using Rainham Rd, and the current Highway 55 main entrance to the existing Nanticoke GS. Nanticoke Solar LP will repair any damage to roads caused by the Project, as requested by the County and outlined in the RUA.</p>

Date Comments Received	Subject Matter	Comments	Response
Haldimand County (Cont'd)			
December 1, 2016	Comments Following Package received containing Draft REA Reports and Municipal Consultation Form	<p>Suggestion to add reference to the mentioned Haldimand County Design Criteria (HCDC) in the Conceptual Stormwater Management Report, and provide a further explanation.</p> <p>Ensure that all final reports and engineering drawings are stamped and signed.</p> <p>The County believes that the submitted Draft REA Reports have been prepared with exceptional content/quality and provides sufficient information to familiarize and justify the proposal.</p> <p>The County declares that it is in support of the draft documents of the overall conceptual design approach at this stage of review/consultation, while looking forward to the final detailed engineering submission.</p>	<p>Nanticoke Solar LP resubmitted the MCF to the County on January 20, 2017.</p> <p>The County provided the completed and signed MCF to Nanticoke Solar LP on January 27, 2017.</p> <p>Provided explanation to the County that the report utilizes assumption based on MTO standards that are more stringent.</p> <p>All final reports and engineering drawings will be stamped and signed at construction.</p>
December 7, 2016	Natural Heritage Assessment: A request was made by the natural heritage consultant for Nanticoke Solar LP requesting information regarding natural heritage features of the Project site, and for any information the Municipality feels would be relevant to the Project.	No further comments were provided by the Municipality.	No response required.
January 27, 2017	As required under Section 18 of the Regulation, a copy of the Municipal Consultation Form was provided to Haldimand County, as described in Table 2. The completed Municipal Consultation Form was received on January 27, 2017.	Two of the County's roads will be impacted by the Project location by an increase in traffic, entrances, and one overhead hydro crossing on each road.	Project Location has not changed, and information will be incorporated in the Road Use Agreement.
		A Road Use Agreement (RUA) is currently in development and will be executed, to govern the proposed road access. Thus, any issues raised with be resolved through the RUA and discussions with the County's Roads Operations and Engineering Services Divisions.	Nanticoke Solar is currently working with the municipality and executed RUA documents are expected by end of December 2017.

Date Comments Received	Subject Matter	Comments	Response
		A Traffic Management Plan will be required and is to be developed in consultation with the County's Roads Operations and Engineering Services Divisions.	Once the constructor has been awarded the contract, they will finalize traffic management plans with the municipality. This should be completed by March 2018.
		An Emergency Management Plan including safety protocols will have to be developed in consultation with the County's Emergency Services Division.	Once the constructor is awarded the contract, they will prepare project plans for emergency management procedures and safety protocols.
		Easements for road access and overhead hydro crossings and damage and repair caused by construction to the County's right of way will be governed by the RUA.	These components will be part of the RUA discussed above, which is expected to be completed by end of December 2017.
		The proponent shall obtain all required permits, all construction activity must follow the County's Noise By-law, and storm water management shall follow all recommendations in the "Storm Water Management Plan Report". Any changes to the plan shall be communicated to the County.	Once the constructor has been awarded the contract, they will obtain the requisite permits, and will abide by the County's Noise By-law 1098/10. Stormwater management will follow all recommendations in the "Stormwater Management Plan Report". Any changes to the plan will be communicated to the County.
Heritage Haldimand Committee			
August 9, 2016	Cultural Heritage Assessment: The cultural heritage consultant for Nanticoke Solar LP requested information on the presence of identified provincial heritage properties on or adjacent to the Project location.	Heritage Haldimand had no comments or information to provide. Designated properties located nearest to this area would not have their heritage significance impacted or diminished by the solar Project.	Heritage Haldimand was informed that concerns or information could be provided at a later date, should any be raised by members. Information provided was also included in the current Cultural Heritage Assessment report.
Long Point Region Conservation Authority			
February 4, 2015	Natural Heritage Assessment and Water Body Assessment: The natural heritage consultant for Nanticoke Solar LP requested further information on natural heritage and water body features.	<ul style="list-style-type: none"> • LPRCA has no record of a watercourse and/or flood plain mapping on the subject property • LPRCA has no natural heritage information • Lake Erie Shoreline Species at Risk – Special Concern Species identified; grass pickerel, northern brook lamprey, silver chub, silver lamprey, warmouth (Fisheries and Oceans Canada) • The shoreline of Lake Erie is located within the Regulation Limit of Ontario Regulation 178/06; however, the regulation does not bind a crown corporation 	No response required.
November 2, 2016	Natural Heritage Assessment: The natural heritage consultant for Nanticoke Solar LP requested further information on natural heritage features.	Following a request to the LPRCA to provide information, in person, during the summer, an e-mail was sent by the consultant conducting the natural heritage assessment to obtain more	Floodplain information was incorporated into mapping for the Project.

Date Comments Received	Subject Matter	Comments	Response
		<p>information/input regarding staked feature limits, proposed buffers, and the stormwater management plan.</p> <p>LPRCA sent floodplain mapping information, in response.</p>	<p>A request for the LPRCA to inform of any additional actions required or any further comment was sent, and no further comments were received from the LPRCA.</p>
January 17, 2017	Draft Conceptual Stormwater Management Plan	<p>The LPRCA reviewed the draft report and provided the following comments.</p> <p>Further to a review of the following documents:</p> <ol style="list-style-type: none"> 1. Conceptual Stormwater Management Plan 2. Proposed Alterations to Floodplain Area 3. Coal Pile SWM Flow Direction 4. Revised Post-Development Drainage 5. Figure – Pre-Development Drainage <p>At this time, LPRCA staff have no objection to the proposed conceptual designs.</p> <p>Please be advised a portion of the proposed development area is regulated by Ontario Regulation 178/06 and a permit from LPRCA is required under the regulation.</p>	<p>Comments noted and Conceptual Stormwater Management Plan finalized accordingly. Feedback from the LPRCA was incorporated into the report.</p>
Ministry of Environment and Climate Change			
November 10, 2014	Draft Project Description provided to the MOECC and Pre-Submission Discussions (via e-mail), where the Nanticoke Solar team requested an introductory meeting.	<p>The MOECC agreed to meet with Nanticoke Solar on December 5, 2014, for an initial kick-off meeting in order to discuss the REA process and to provide high level information about solar approvals.</p> <p>It was agreed by the MOECC that they would provide follow-up answers and additional information on the REA process, as discussed.</p>	No further response required.
March 6, 2015	Follow-up to the December 5, 2014 meeting. The MOECC sent the list of Aboriginal communities to consult with.	List of Aboriginal communities with a potential interest in the Project provided.	No further response required.
June 22, 2016	Second Kick-Off Meeting was held to discuss the REA status and the path forward.	<ul style="list-style-type: none"> • Clarification pertaining to the use of the former coal yard for a portion of the solar project. • Ontario Regulation 359/09 was recently amended (May 2016) to allow for 	No further response required.

Date Comments Received	Subject Matter	Comments	Response
		<p>operational flexibility and reasonable changes to an application (i.e. field fitting) would not require an amendment to the REA application.</p> <ul style="list-style-type: none"> • Guidance regarding noise modelling, as the MOECC indicated that it requires the Proponent to: • 1) to do an effects assessment (i.e. Noise Assessment) and that it could do a couple of representative scenarios if there is more than one (1) option, • 2) Consult all options in a transparent manner with the public and aboriginal communities. • Guidance provided regarding the Decommissioning Plan, Stormwater Management Plan, and Design and Operations Report. 	
October 25, 2016	Acoustic Assessment: A conference call was held between Nanticoke Solar LP, their environmental consultants responsible for the noise study, and the MOECC.	All parties discussed the approach and scenarios that had been used in the acoustic assessment.	Feedback from the MOECC pertaining to the noise study was incorporated into the report.
Ministry of Natural Resources and Forestry			
March 9, 2015	<p>Natural Heritage Assessment and Species at Risk: The natural heritage consultant for Nanticoke Solar LP requested information on the presence of species at risk and natural heritage feature of the Project site.</p> <p>The consultant also contacted Environment Canada, and they provided some relevant links, with further information, as well as referring the consultant to proceed with contacting provincial ministries on the matter.</p>	The MNRFF sent a list of SAR that occur in Haldimand County, to help with identifying sensitive species that are known to occur in the area.	Information was incorporated into the study.
July 15, 2016	Natural Heritage Assessment: A meeting was held between Nanticoke Solar LP, their environmental consultants conducting the natural heritage assessment, and the MNRFF, at the MNRFF Southern Region, Peterborough Offices.	Outlined areas of responsibility between the Guelph District office and the Peterborough Southern Regional office.	The Nanticoke Solar team worked with both offices to complete various reports, as required.

Date Comments Received	Subject Matter	Comments	Response
Ministry of Tourism, Culture and Sport			
August 17, 2016	Cultural Heritage Assessment: Nanticoke Solar LP requested information on the presence of identified provincial heritage properties on or adjacent to the Project location.	Confirmed that there are no identified provincial heritage properties on or adjacent to the subject property. Provided links to relevant guidance.	The information was included in the current Cultural Heritage Assessment Report.
December 9, 2016	Comments pertaining to the Draft Cultural Heritage Assessment Report	The MTCS provided comments and recommendations pertaining to the draft report.	Comments were addressed and recommendations were incorporated into the report, as required.
January 26, 2017	The MTCS acknowledged receipt and review of the Draft Stage 1 and 2 Archaeological Assessment Report, as documented in a letter.	Based on the information contained in the report, the ministry is satisfied that the fieldwork and reporting for the archaeological assessment are consistent with the ministry's 2011 Standards and Guidelines for Consultant Archaeologists and the terms and conditions for archaeological licences. This report has been entered into the Ontario Public Register of Archaeological Reports.	Minor edits were made to the draft following contact with the Ministry, and have been included in the final Stage 1 and 2 Archaeological Assessment Report.
Ministry of Transportation			
May 11, 2016	General comments pertaining to Highway 3 and Highway 6, Haldimand County	Interest expressed pertaining to effects to the provincial roads, Highway 3 and Highway 6, in Haldimand County.	Advised MTO that Nanticoke Solar would be in touch with them once the traffic and road use work commences.
September 23, 2016	General comments pertaining to Highway 3 and Highway 6, Haldimand County	The Corridor Management Planner reviewed the site and proposed transmission lines and concluded that neither will impact the provincial highway network. Thus, MTO review, approval and permits will not be required.	Nanticoke Solar will keep the MTO apprised should the transmission routes change.
Ontario Heritage Trust			
August 8, 2016	Cultural Heritage Assessment: The cultural heritage consultant for Nanticoke Solar LP requested information on the presence of identified provincial heritage properties on or adjacent to the Project location.	Confirmed that information regarding protected properties included in the LRP I Heritage Report was still up to date. The Ontario Heritage Trust has no properties or heritage conservation easements within or adjacent to the study area.	The information was included in the current Cultural Heritage Assessment Report.