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

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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@nanticokesolar.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 *E.coli* 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@nanticokesolar.com	
Project Website: www.nanticokesolar.com	

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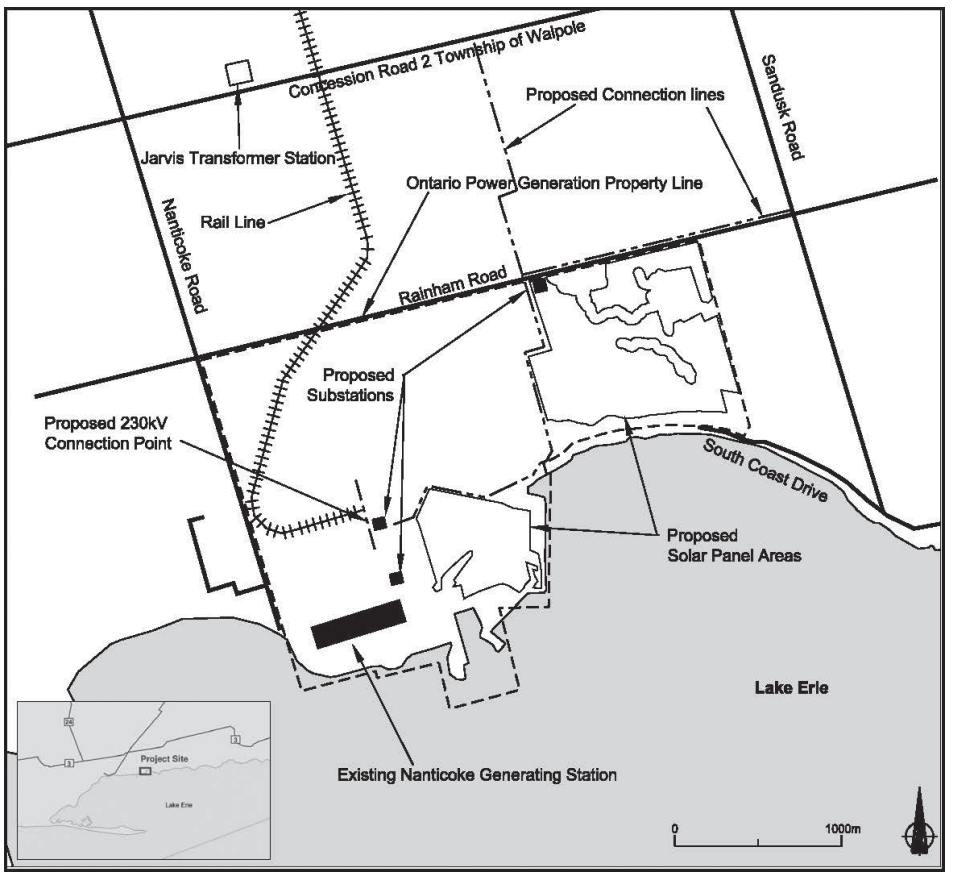

APPENDIX B

Display Panels for Nanticoke Solar Project Second Public Community Meeting

Nanticoke Solar Project

Welcome to our Second Public Community Meeting

August 2015

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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

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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.

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simplifying solar

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

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Site Considerations Information

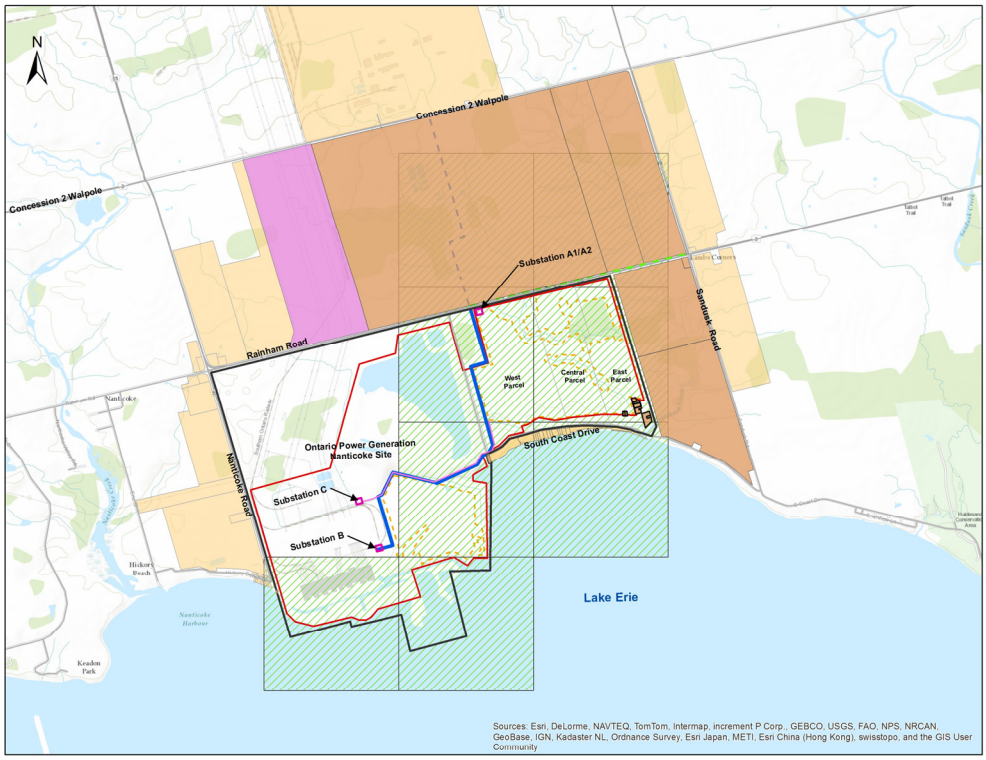
The following table outlines where site considerations information required by the LRP process can be found on the maps:

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 Map3
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 • 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



LEGEND:

- Project Property Line / Property Boundary
- Project Location / Site Boundary
- Proposed Areas for Solar Panels
- Proposed Substation
- Proposed Electrical Connection Line - Option A
- Proposed Electrical Connection Line - Option A1
- Proposed Electrical Connection Line- Option A2
- Proposed Electrical Connection Line - Option B
- NHIC 1 km Grid Containing Threatened Species
- Abutting Properties
- Nearby Neighbours
- Transmission Corridor
- Woodlots

NOTES: Figure includes the following Site Considerations: Outer Boundary of Entire Site, Abutting Properties, Permanent Known Water Body, "Threatened Species" Observation Record, Woodlots

Non Applicable Site Considerations: Boundaries of First Nations Lands, National Parks, Provincial Parks, Conservation Reserves, Airports, Aerodromes, Weather Radars, On-Shore Wind, Provincial Crown Lands, Niagara Escarpment, Oak Ridges Moraine, or Greenbelt Lands, Provincially Significant Area of Natural and Scientific Interest, Provincially Significant Wetland (PSW), Recognized Heritage Resources, Provincially Significant Area of Natural and Scientific Interest

SCALE: 0 0.5 1 Kilometers

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

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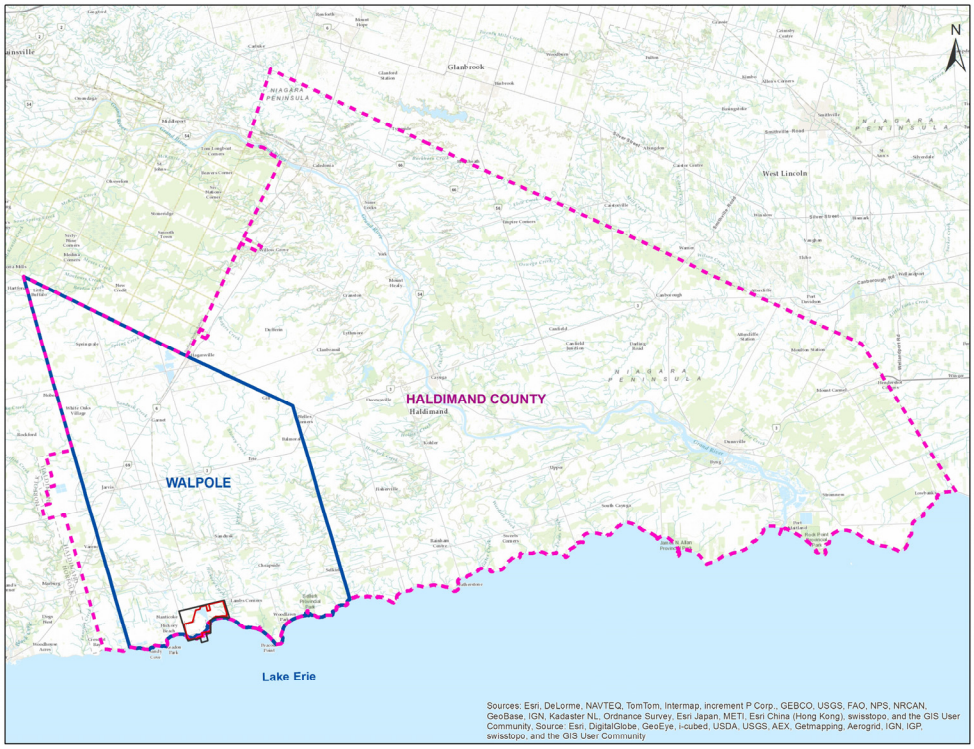
Preliminary Site Considerations Nanticoke Solar

CREATED BY: HS	CHECKED BY: MAS	FIGURE NO: Map 1
DATE: 07 Aug 2015	PROJECT No.: 351100	



LEGEND:

- Project Property Line / Property Boundary
- Project Location / Site Boundary
- Geographic Township
- Municipal Boundary - Single Tier

NOTES: Figure includes the following Site Considerations: Outer Boundary of Entire Site, Boundary of Municipality, Boundary of GeographicTownship

SCALE: 0 5 10 Kilometers

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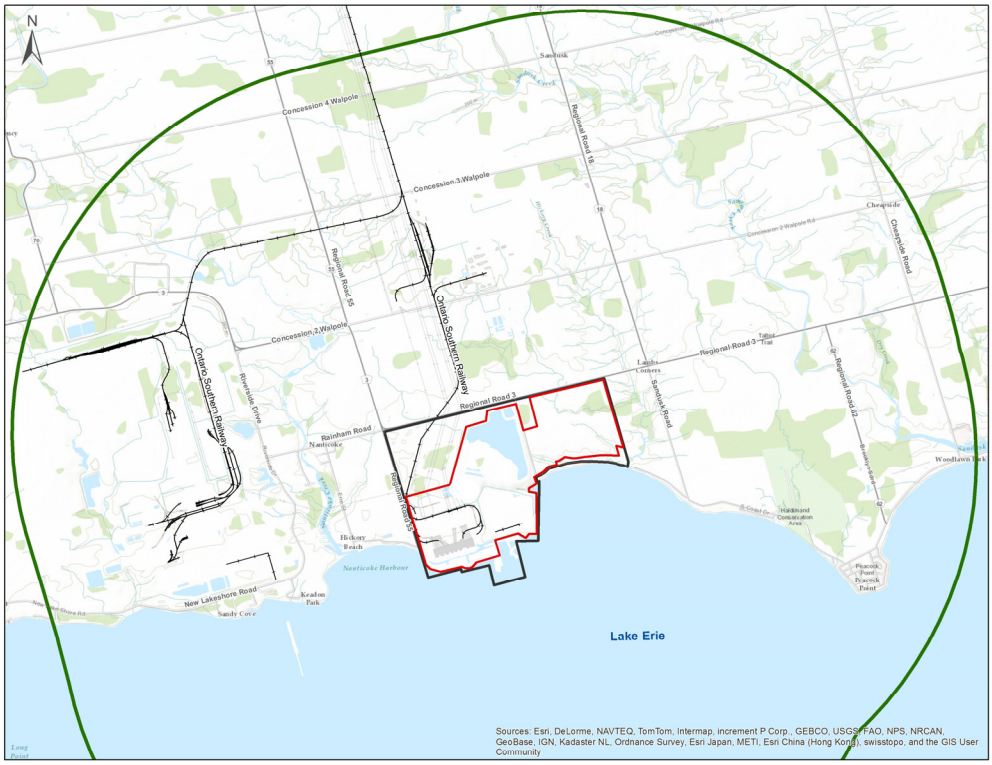
Preliminary Site Considerations Nanticoke Solar

CREATED BY: HS	CHECKED BY: MAS	FIGURE NO: Map 2
DATE: 07 Aug 2015	PROJECT No.: 351100	

Site Considerations Maps



LEGEND:

- Project Property Line / Property Boundary
- Project Location / Site Boundary
- Railway
- 5 km Distance from OPG Project Site Boundary

NOTES: Figure includes the following Site Considerations.
Outer Boundary of Entire Site, Railways Crossing or Located within (5) km of Site

Non Applicable Site Considerations:
Highways or Located within (5) km of Site, Boundaries of First Nations Lands, National Parks, Provincial Parks, Conservation Reserves, Airports, Aerodromes, Weather Radars,On-Shore Wind, Provincial Crown Lands, Niagara Escarpment, Oak Ridges Moraine, or Greenbelt Lands

SCALE: 0 0.5 1 Kilometers

REFERENCE:
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2. Spatial referencing UTM NAD 83.
3. Issued for website posting.

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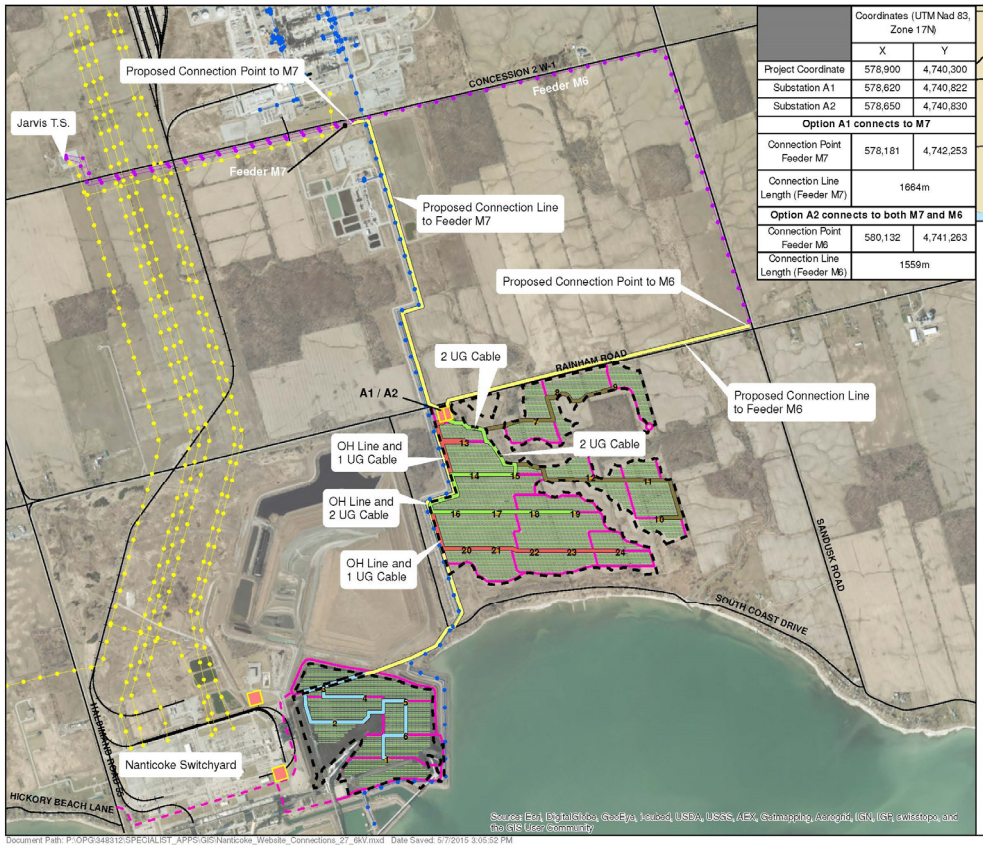
Preliminary Site Considerations
Nanticoke Solar

CREATED BY: HS	CHECKED BY: MAS	FIGURE NO: Map 3
DATE: 07 May 2015	PROJECT No.: 351100	



	Coordinates (UTM Nad 83, Zone 17N)	
	X	Y
Project Coordinate	578,900	4,740,300
Substation A1	578,620	4,740,822
Substation A2	578,650	4,740,830
Option A1 connects to M7		
Connection Point Feeder M7	578,181	4,742,253
Connection Line Length (Feeder M7)	1664m	
Option A2 connects to both M7 and M6		
Connection Point Feeder M6	580,132	4,741,263
Connection Line Length (Feeder M6)	1559m	

LEGEND

- Railway
- Road
- Utility - 27.6kV Hydro Line
- Utility - 230kV Hydro Line
- Utility - Pipeline
- Nanticoke Project Site

Project Infrastructure

- Access Road
- Internal Driveway
- Overhead Line 27.6kV
- Underground Cable 27.6kV - Circuit 1
- Underground Cable 27.6kV - Circuit 2
- Underground Cable 27.6kV - Circuit 3
- Underground Cable 27.6kV - Circuit 4
- Transformer / Inverter Structure
- Generating Equipment (Solar Panels)
- Substation (3 Options)

Notes:
1. Produced by Hatch under licence from Ontario Ministry of Natural Resources, Copyright (c) Queens Printer 2015.
2. Spatial referencing UTM NAD 83.
3. Issued for website posting.
4. Option A consists of two separate Projects A1 and A2 connecting to H2N4 feeders M7 and M6 respectively.

0 250 500 1,000 Metres NORTH

Map 4
Ontario Power Generation Inc.
Site Conditions Information
Nanticoke Solar Project
Proposed Connections
Rainham 27.6kV Option A

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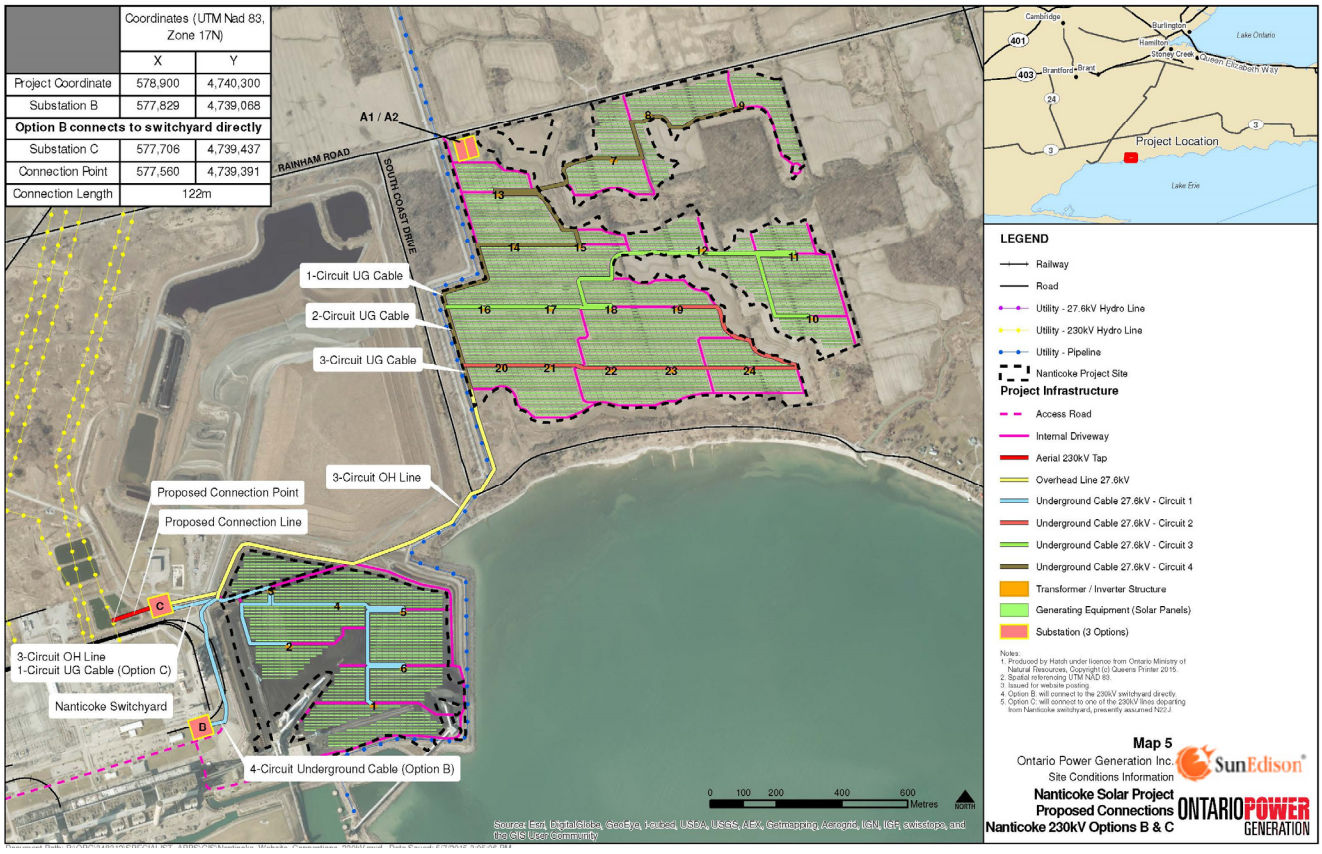
Document Path: P:\OPG\348312\SPECIALIST_APPS\GIS\Nanticoke_Website_Connections_27_6kV.mxd Date Saved: 5/7/2015 3:05:52 PM

Site Considerations Maps

	Coordinates (UTM Nad 83, Zone 17N)	
	X	Y
Project Coordinate	578,900	4,740,300
Substation B	577,829	4,739,068
Option B connects to switchyard directly		
Substation C	577,706	4,739,437
Connection Point	577,560	4,739,391
Connection Length	122m	



LEGEND

- Railway
- Road
- Utility - 27.6kV Hydro Line
- Utility - 230kV Hydro Line
- Utility - Pipeline
- Nanticoke Project Site

Project Infrastructure

- Access Road
- Internal Driveway
- Aerial 230kV Tap
- Overhead Line 27.6kV
- Underground Cable 27.6kV - Circuit 1
- Underground Cable 27.6kV - Circuit 2
- Underground Cable 27.6kV - Circuit 3
- Underground Cable 27.6kV - Circuit 4
- Transformer / Inverter Structure
- Generating Equipment (Solar Panels)
- Substation (3 Options)

Notes:
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2. Spatial referencing UTM NAD 83.
3. Issued for website posting.
4. Option B: will connect to the 230kV switchyard directly.
5. Option C: will connect to one of the 230kV lines departing from Nanticoke switchyard, presently assumed N22J.

Map 5
Ontario Power Generation Inc.
Site Conditions Information
Nanticoke Solar Project
Proposed Connections
Nanticoke 230kV Options B & C

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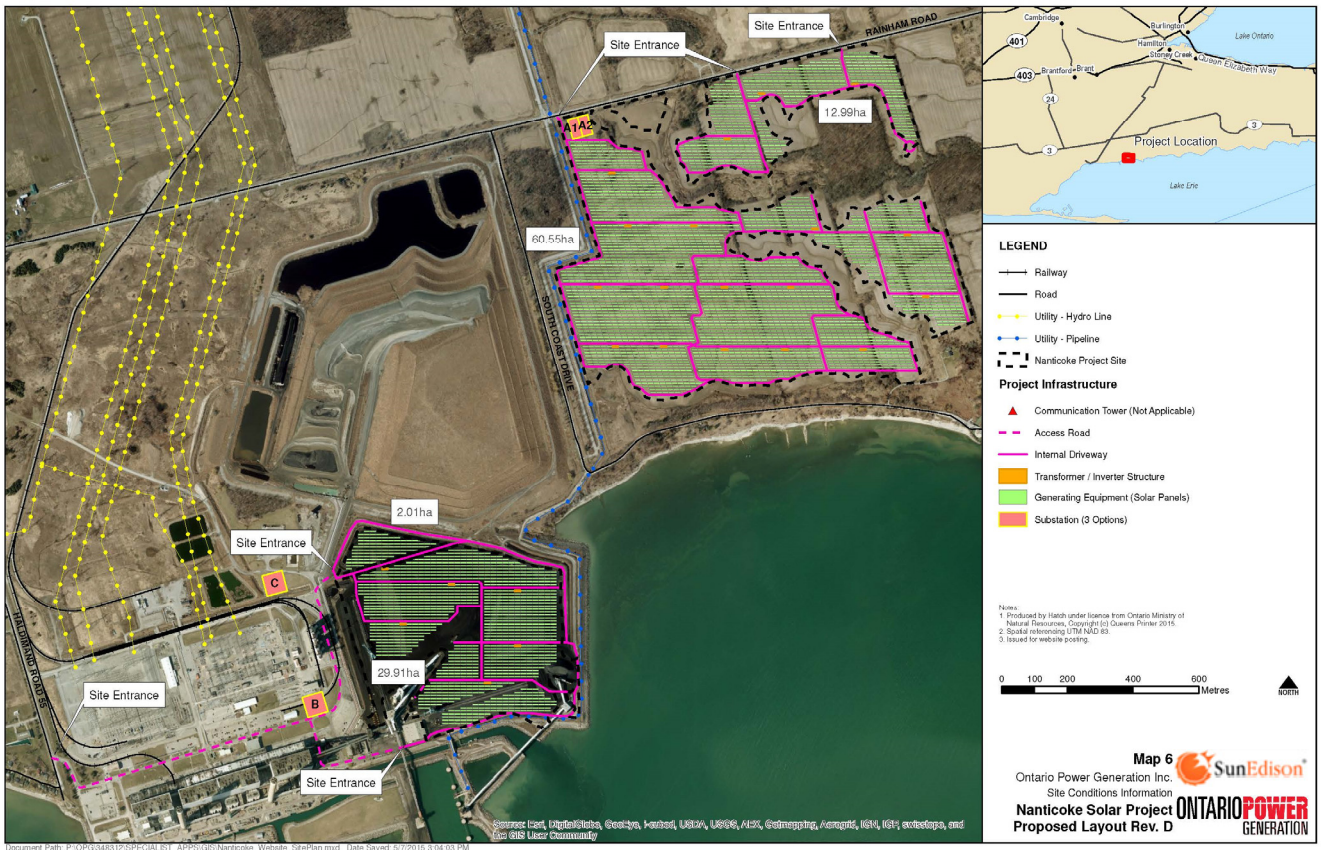

LEGEND

- Railway
- Road
- Utility - Hydro Line
- Utility - Pipeline
- Nanticoke Project Site

Project Infrastructure

- Communication Tower (Not Applicable)
- Access Road
- Internal Driveway
- Transformer / Inverter Structure
- Generating Equipment (Solar Panels)
- Substation (3 Options)

Notes:
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Map 6
Ontario Power Generation Inc.
Site Conditions Information
Nanticoke Solar Project
Proposed Layout Rev. D

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Preliminary Project Schedule

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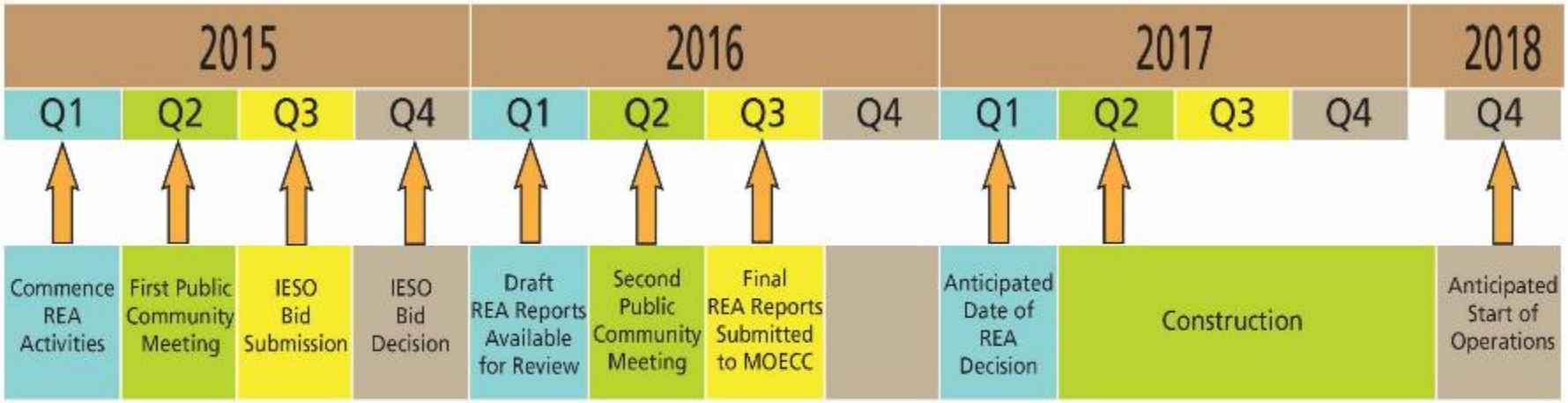
PRELIMINARY PROJECT SCHEDULE



* All dates are subject to change

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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

SunEdison and Ontario Power Generation

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

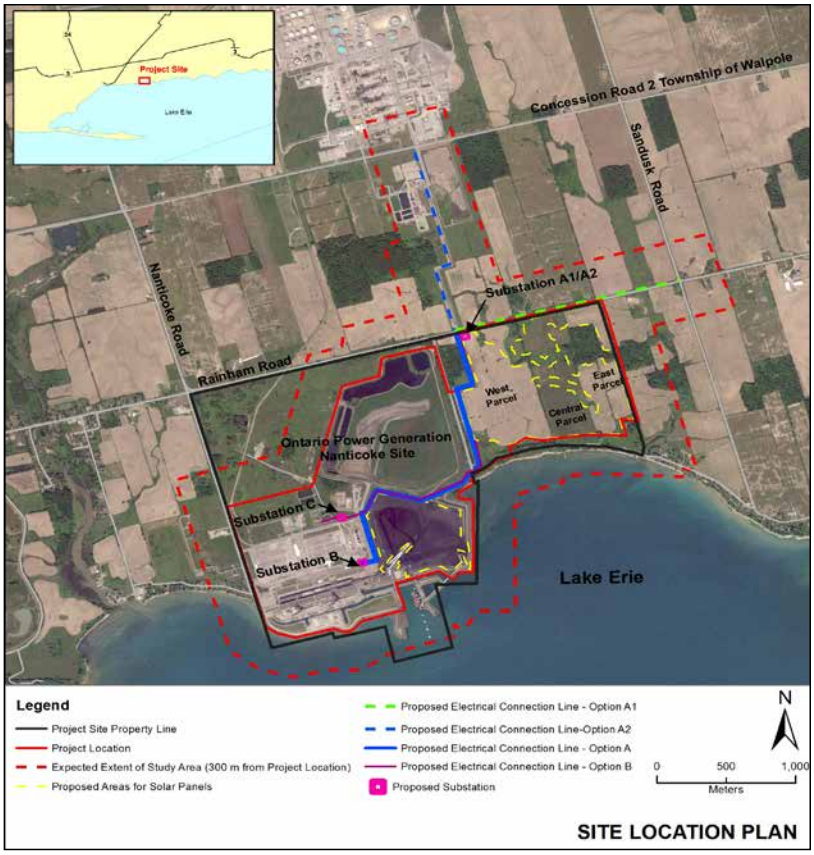
The key activities related to the Nanticoke Solar Project include:

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.).

SunEdison®

ONTARIO POWER GENERATION

SunEdison and Ontario Power Generation

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.

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Design, Print, Distribution: OPG Business Services

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ONTARIO POWER GENERATION

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.

SunEdison®
simplifying solar

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/

SunEdison Canada
First Light Solar Energy Park

Napanee, ON
School tour of solar plant

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

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