

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

Submitted to:

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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

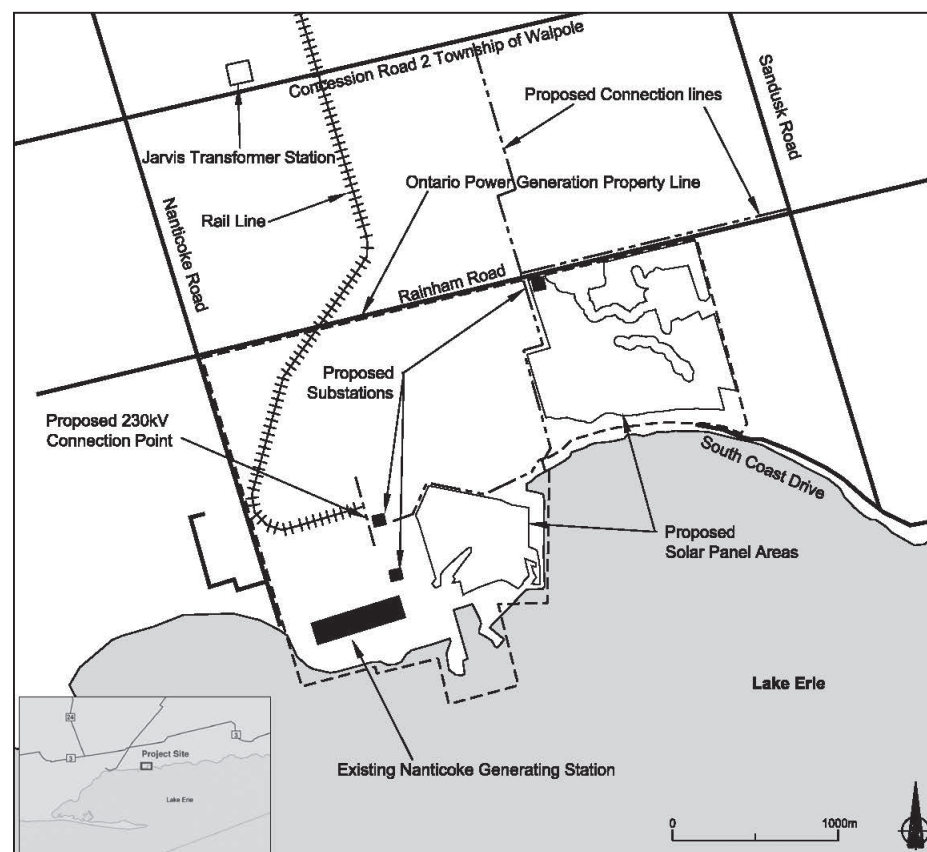
Telephone: (416) 592-3481

Fax: (416) 592-3489

Project Email: info@nanticokesolar.com

Project Website: www.nanticokesolar.com

Project Location:



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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

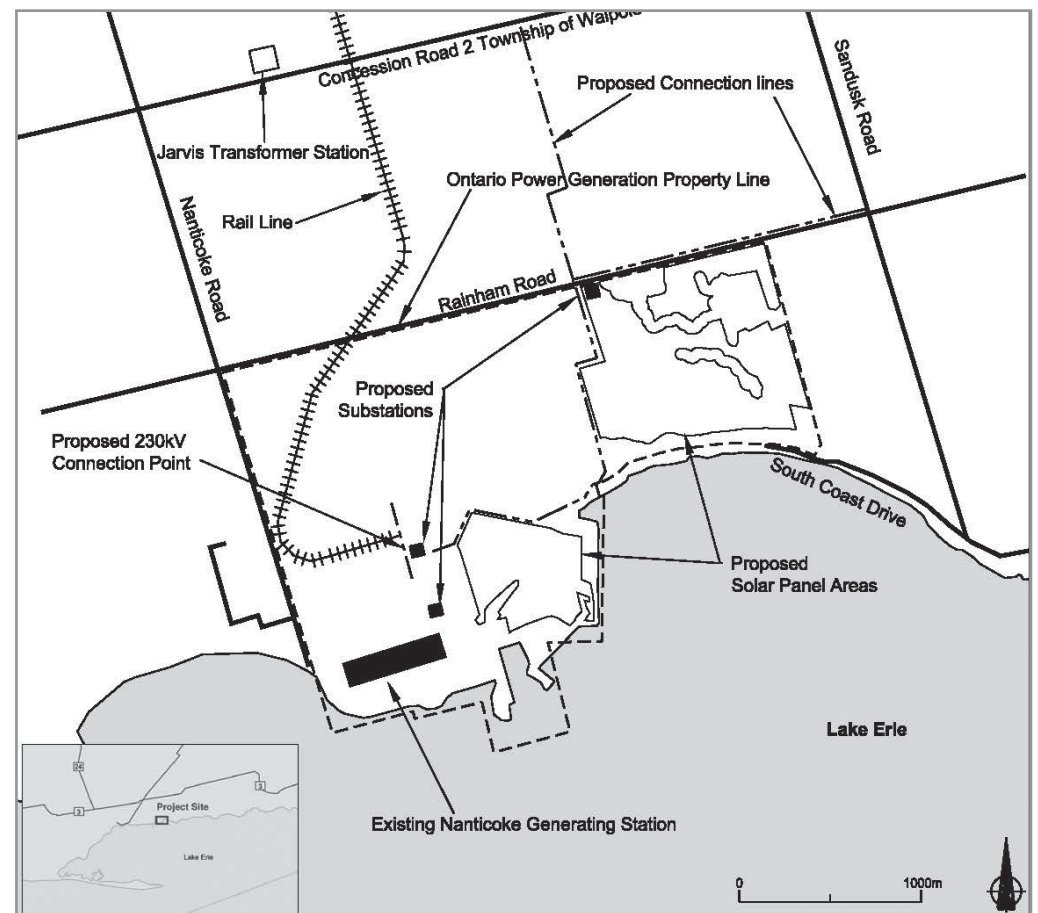
Wednesday June 3, 2015

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 | |

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APPENDIX B

Display Panels for Nanticoke Solar Project First Public Community Meeting



Nanticoke Solar Project

Welcome to our First Public Community Meeting

June 2015

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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

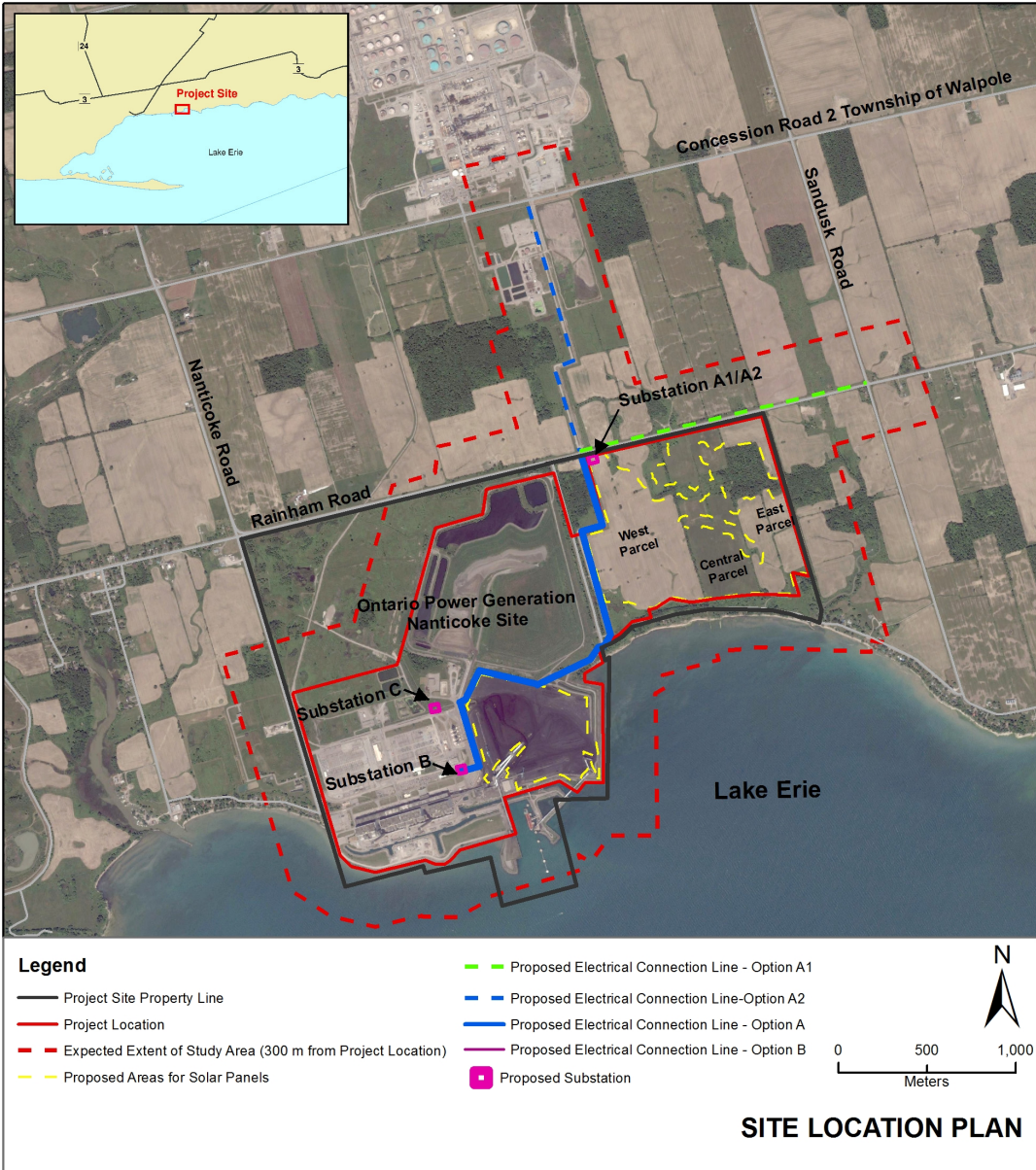


- OPG's generating portfolio has a total capacity of over 16,000 megawatts (MW)
 - 2 Nuclear Stations
 - 3 Thermal Stations
 - 65 Hydroelectric Stations
- OPG is allowed to participate in the Large Renewable Procurement (LRP)
- Solar projects are one of the best short to medium term growth opportunities 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

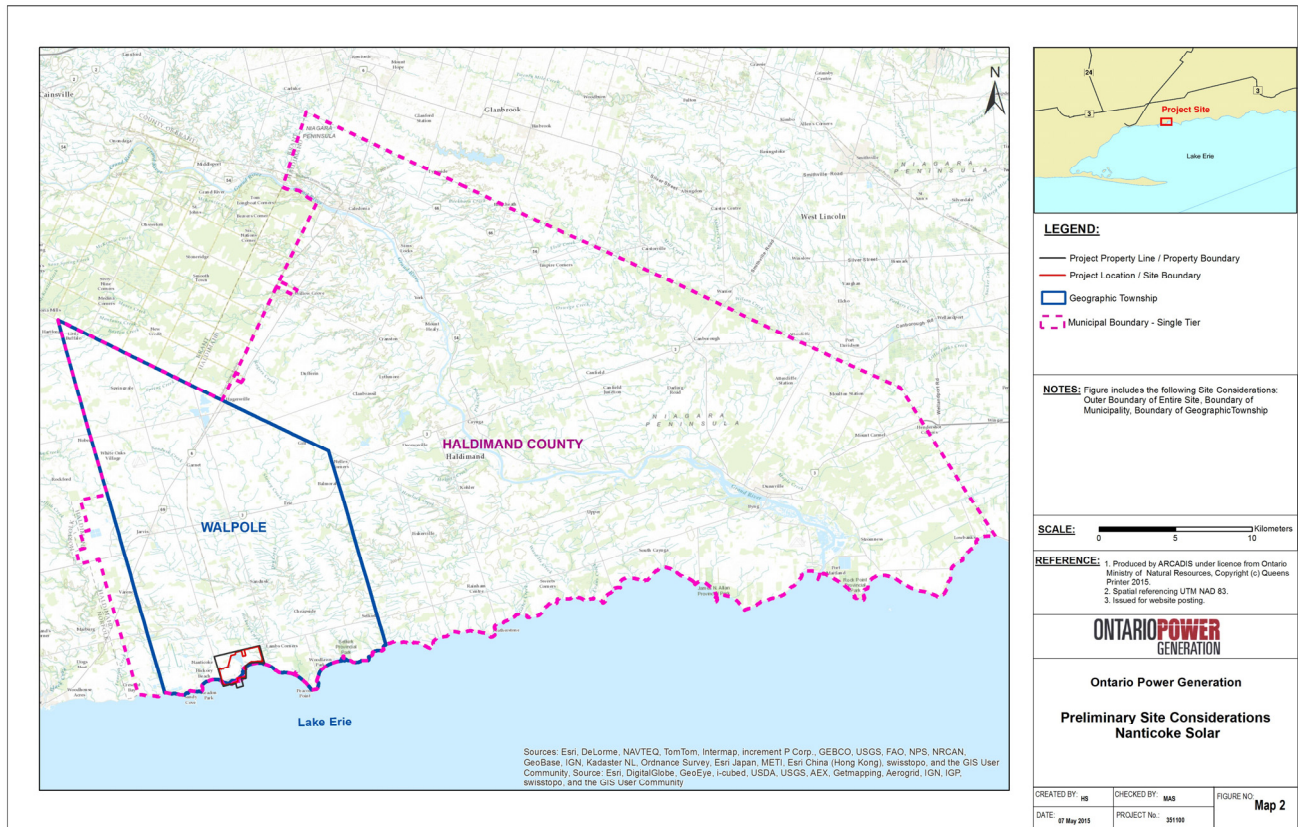
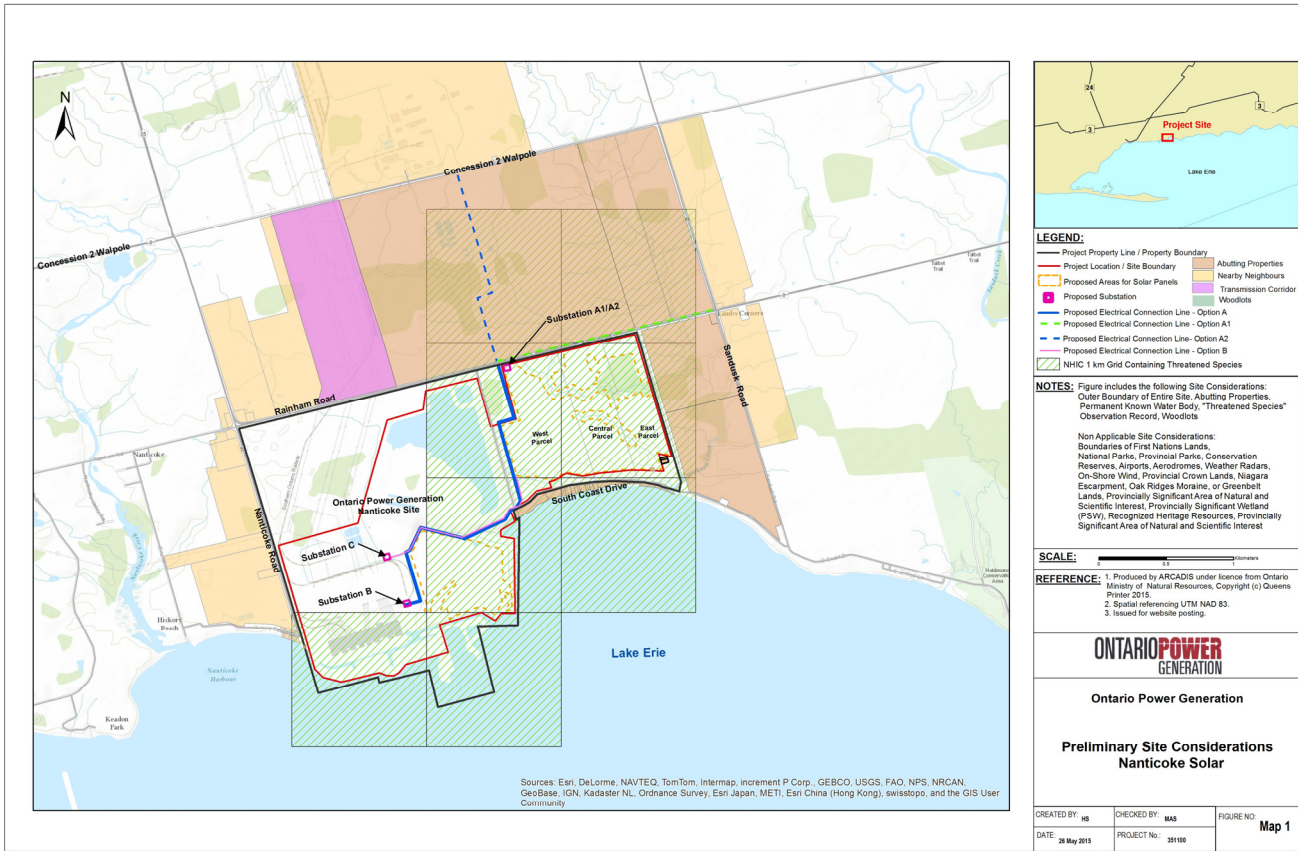
The following table outlines where site considerations information required by the LRP process can be found on the maps:

| 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:

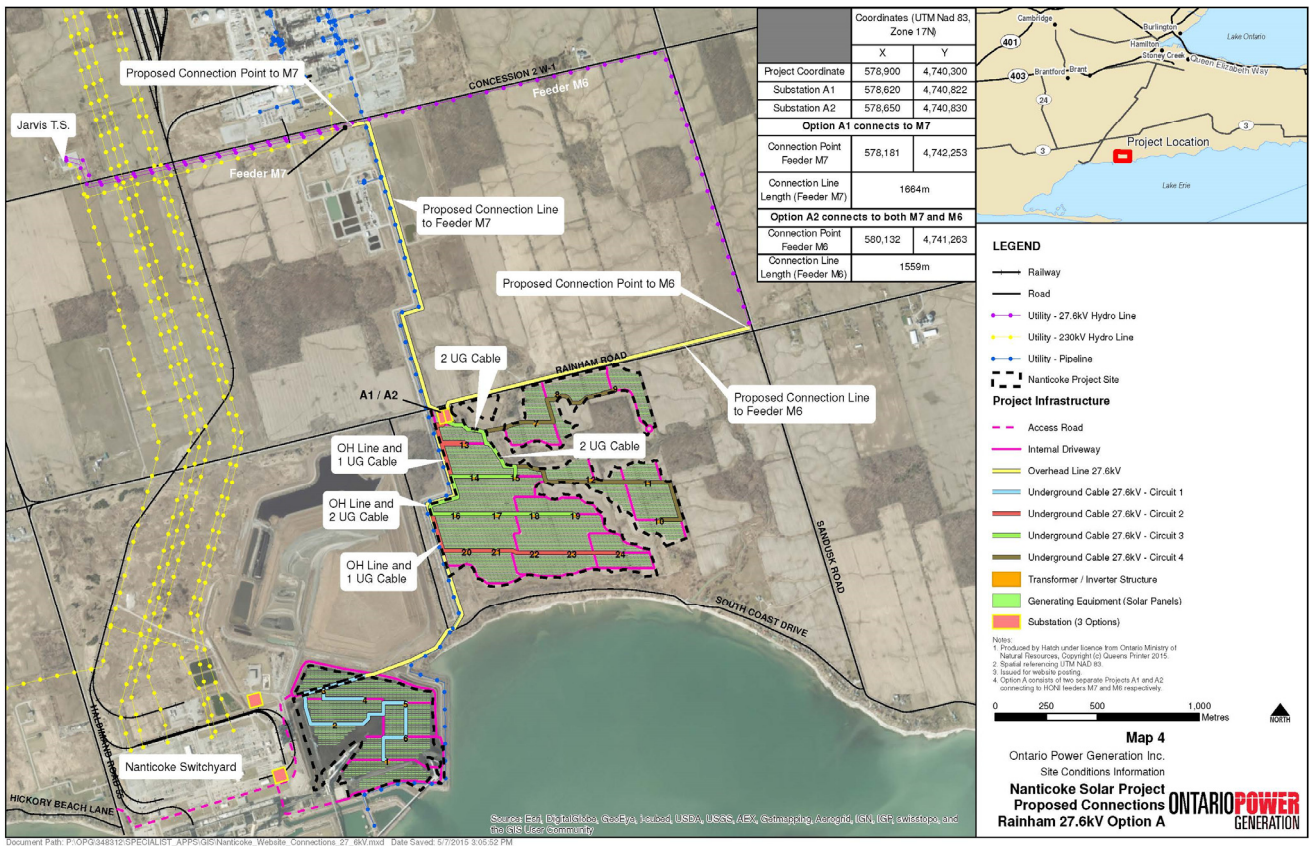
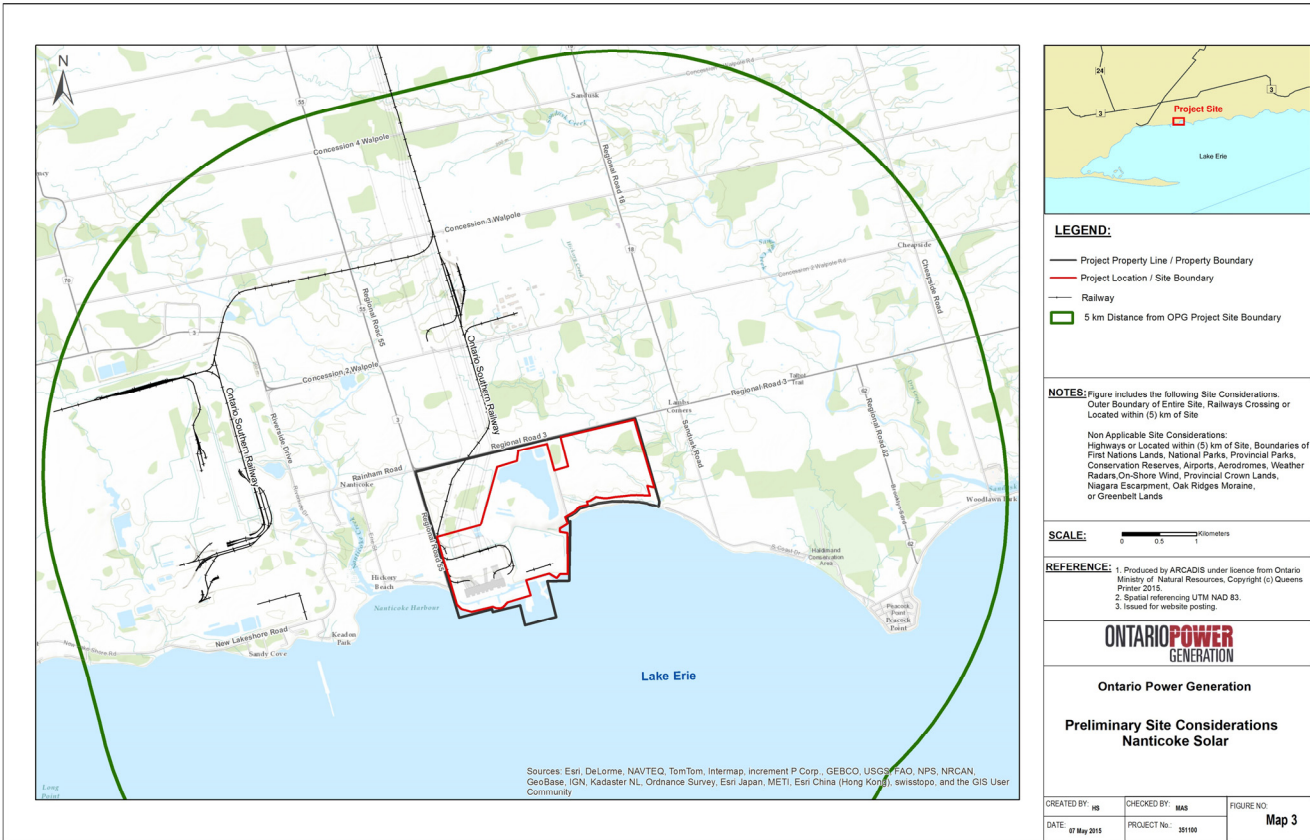
- World Topographic Map hosted by ESRI, including boundaries, cities, water features, physiographic features, parks, landmarks, transportation, and buildings.
- Land Information Ontario open database, as provided by the Ontario Ministry of Natural Resources and Forestry.
- Geowarehouse – Title Search 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





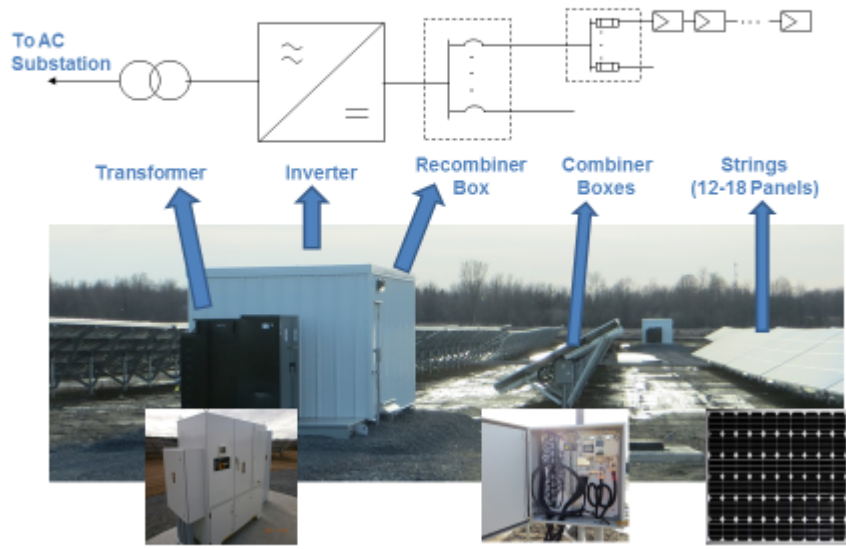
Renewable Energy Approval (REA)

- 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.

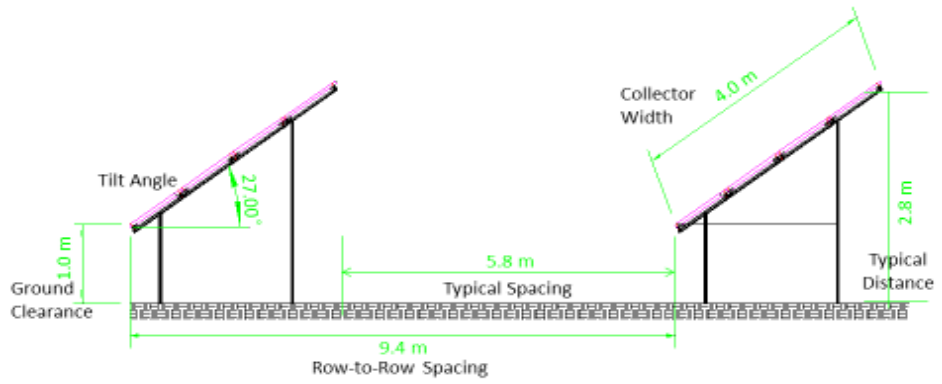


Ground Mounted Solar Panels

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:

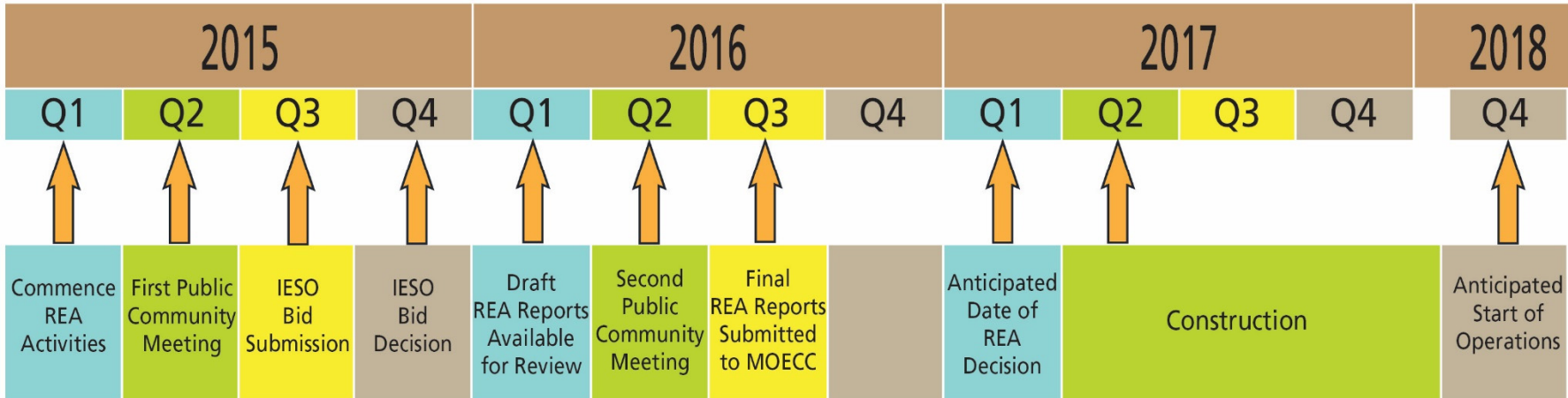
- What aspects of the local environment and your community are most important to you?
- Do you have concerns about the location of the proposed solar project?
- Do you have concerns about the construction of the proposed solar project?
- Do you have concerns about the operation of the proposed solar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

