



## **Project Description** **Silvercreek Solar Park**

A Report to: Ministry of the Environment  
Renewable Energy Approval Unit  
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Floor 12A  
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## **SUMMARY OF CHANGES – Project Description Report**

**The following changes have been made to this report to update it from the report released in August of 2012.**

1. The proponent has opted to remove the provision for a tracking installation at the solar array due to requirements to meet domestic content provisions. As a result the layout of the solar array and the inverter locations has been altered slightly. The text has been revised to state that a fixed installation will be utilized, and maps of the array location have been updated to reflect the fixed tilt installation
2. As a result of consultations with the Township of Malahide minor changes to access roads on the Solar Array site were changed to allow for better emergency access in case of fire. This is reflected in the updated site layout.
3. Section 1.3.3 has been updated to include the dates on which the MNR Confirmation letters were received
4. Section 1.3.4 has been updated to reflect the need to acquire permits from Catfish Creek Conservation Authority
5. As a result of stakeholder consultations the site map was updated to clarify the area between the Solar Array fence and the roadway will continue to be farmed as part of an agricultural operation
6. The side of the road on which the distribution line construction will occur has been clarified in this report
7. Some minor typographical errors were corrected throughout the report, as a result some page numbers and section headings have changed
8. The onsite laydown area has been removed due to archaeological considerations and all storage will occur offsite in a storage area such as a barn or multipurpose storage facility. The report has been updated to reflect this change.

## **1. GENERAL REQUIREMENTS**

### **1.1 Project Information & Location**

Silvercreek Solar Park (Silvercreek) is proposing the installation of a 10 MW ground mounted solar photovoltaic (PV) facility in Elgin County within the Township of Malahide. This project is a Class 3 Solar Facility under the Renewable Energy Approval (REA) requirements. The project was awarded a Feed-in Tariff (FIT) contract in July 2011 as a result of the Bruce to Milton Transmission Line Expansion.

The current design requires up to 46,000 polycrystalline solar photovoltaic panels with a rated power output of 290 W each to be mounted a fixed tilt at 30 degrees. The project will require installation of a new 34.5 kV distribution line to be installed primarily below ground to a new 115 kV substation adjacent to the existing Aylmer Transmission Station.

On July 1, 2012 amendments to Ontario Regulation 359/09 (O.Reg 359/09) the Renewable Energy Approvals Regulation came into force. This amendment allowed for projects which were significantly advanced to continue under the previous regulation. Given that Proponent has completed a significant amount of progress towards completion of the REA; they have opted to continue under the January 2011 requirements.

### **1.2 Contact Information**

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### **1.3 Authorizations Required**

#### ***1.3.1 Ontario Renewable Energy Approval (REA)***

Environmental impacts associated with electricity projects, including Solar Energy, in Ontario are governed by Ontario Regulation 359/09 (the Regulation) under the Environmental Protection Act. Ontario ground-mounted solar facilities greater than 12 kW require a Renewable Energy Approval as “Class 3” solar facilities according to the Regulation.

The REA process is a streamlined process where provincial agencies issue permits and approvals upon successful completion of the REA requirements. A completed REA will include Certificates of Approval for noise as well as any road use permits required from the Ministry of Transportation (MTO). In addition, the REA process is in step with the Ministry of Natural Resources (MNR) approval process. The MOE has posted a series of technical guidance bulletins to assist proponents in organizing a “complete submission”, ensuring that projects are reviewed in a timely manner.

#### ***1.3.2 Ministry of Transportation***

The Ministry of Transportation (MTO) is responsible for approving works relating to provincially controlled roadways. The connection line will require a roadway crossing along Highway 3 otherwise known as Talbot Line. The technical details of this crossing will be discussed with the MTO.

#### ***1.3.3 Ministry of Natural Resources***

The MNR is responsible for reviewing and approving the natural heritage assessment component of the Renewable Energy Approval. A confirmation letter from the MNR was obtained on July 9, 2012 and is included in Appendix A. Following site changes in November 2012 a reconfirmation letter was provided on November 22, 2012. This letter is also included in Appendix A.

#### ***1.3.4 Catfish Creek Conservation Authority***

Catfish Creek Conservation Authority (CCCA) is responsible for permits related to watersheds and conservation lands within the Catfish Creek Watershed. A permit is required from CCCA pursuant to the Conservation Authorities Act for watercrossings as it relates to the 15km distribution line. The Conservation Authority supports the proposed method of installation for these crossings and will continue to be engaged as construction planning commences.

### **1.3.5 Township of Malahide**

Malahide Township is responsible for building permits, approving activities within the road allowances and road use agreements for municipal roadways. In order to construct the Project, the proponent will be required to obtain building permits, approval for the distribution line corridor, approval of a new entrance onto municipal roadways and road use agreements for the construction period. These permits will be obtained by the construction contractor prior to REA Approval.

### **1.3.6 Elgin County**

Elgin County is responsible for approving works which fall within county jurisdictions such as entrances onto county roads or works within the right of way on county roads. The Project will require approval from Elgin County for portions of the distribution line which travel within the road allowance, as well as upgrading of the existing entrance to the substation.

## **1.4 Federal Involvement**

### ***1.4.1 Canadian Environmental Assessment***

The Canadian Environmental Assessment Act (CEAA) is triggered by federal involvement in a project including application for federal funding, potential effect of the project on federal lands or properties, and the need for a federal approval. At the time of this report no CEA triggers have been identified. A copy of this project description has been forwarded to the Canadian Environmental Assessment Agency to verify any federal interest in this project.

### ***1.4.2 Department of Fisheries and Oceans***

The current development proposal does not require any significant water crossings or work in or around water. Consistent with the provincial REA process all solar panels and inverters will maintain a setback distance of 30 m from all water bodies. The distribution line will cross below six small waterbodies, however, should the construction contractor find that this is not possible the crossing will conform to the DFO operational statement for overhead line crossings and both DFO and CCCA will be consulted.

If the proposed work may result in harmful alteration, destruction, or disruption of fish and fish habitat (HADD), DFO authorization for project related activities may be required under Sections 35 (2) of the Fisheries Act. DFO approval may be also required under Section 36 (3), which prohibits the deposit of deleterious substances in fish-bearing waters.

While it is not anticipated that this project will require a Fisheries Act approval at this time, consultations regarding the 15 km distribution line route will be required it is expected that these consultations will occur through CCCA.

#### ***1.4.3 Environment Canada***

Environment Canada (EC) is responsible for the Migratory Birds Convention Act (MBCA) and for the Species at Risk Act (SARA). The MBCA protects migratory birds, their eggs and nests. Section 5 of the MBCA prohibits possession of a migratory bird or nest except as authorized by the regulations. The Migratory Bird Regulation (MBR) section 6 prohibits the disturbance or destruction of a nest or egg of a migratory bird, with the exception when a permit is issued. Under the current MBR, a permit cannot be issued for the incidental take of migratory birds caused by the development of the project. The SARA protects all wildlife species at risk listed in Schedule 1 of the Act including aquatic species and migratory birds (including their habitat) found on federal and provincial/territorial lands. MNR shares responsibilities with EC for protecting the habitat of federally listed migratory species.

It is not anticipated that an approval from Environment Canada will be required.

#### ***1.4.4 Transport Canada***

The 15 km distribution line route crosses a railway line operated by Trillium Railway. No formal approvals from Transport Canada will be required however agreements between Trillium Railway and the Proponent will be necessary. Under the Canadian Transportation Act (CTA) the Proponent will be required to reach a negotiated agreement with the railway covering construction and maintenance issues, including costs. Consultation with Trillium Railway has begun and will continue throughout construction.

## **2. PROJECT INFORMATION**

### **2.1 Project Components**

The project lifecycle consists of construction, operation and maintenance, and the dismantling of a 10MW ground mounted solar PV facility. The main project components are:

- Photovoltaic solar panel array, which includes the racking;
- Inverters/Transformers and electrical cabling;
- Transformer Substation;
- 15 km, 34.5 kV distribution line; and
- Access roads.

### ***2.1.1 Solar Panel Information***

The project requires up to 46,000 polycrystalline solar photovoltaic panels with a rated power output of 290W each, mounted at a fixed 30 degree angle. . Rows of panels will be grouped in separate clusters with their own power inverters and transformers. Including photovoltaic panels, inverters, transformers and ancillary facilities the facility will occupy 35.6 hectares (88 acres).

### ***2.1.2 Associated Facilities & Equipment***

#### **Connection System**

All independent clusters will be connected together using an underground 34.5 kV cable. The cables from each cluster will be consolidated at an on-site e-house (enclosure) containing disconnect switches and controls.

From the e-house, power from the project site will be distributed by a new 34.5 kV power distribution line, which will run approximately 15 km from the site location to a new 115 kV transformer sub-station to be installed adjacent to the Aylmer Transmission Station (TS). Power metering will occur at the substation. A short 115 kV line less than 500 m will connect the new transformer station to the Aylmer TS. The transformer sub-station and associated access roads will occupy 0.43 hectares (1 acre).

Beginning at the substation property the path of the 34.5 kV distribution line will travel north along the west side of Imperial Road, east along the south side of Glencolin Line, south along the east side of Hacienda road, west along the north side of Bradley Creek Line (formerly Tobacco Line), south along the east side of Imperial Road and east along the north side of Vienna Line.

#### **Access Roads**

All required components will be delivered to the site by ground transportation using existing public roadways. The site will be accessed via an existing entrance located on the north side of Vienna Line. The existing roads are suitable for the delivery of construction equipment; therefore, no upgrades will be required. The roads are approximately 7 m in width and the entrance is gravel based and approximately 10 m wide; this is sufficient to accommodate the turning radius of the construction equipment. Four on-site access roads will be constructed running through the project, two in a north-south, two in an east-west direction to facilitate construction and maintenance of the solar park. Construction and operation of the transformer substation will require an access road connecting to Imperial Road and running the length of the substation property.



## **2.2 Project Activities**

### **2.2.1 Regulated Activities**

#### **Construction Activities**

Site construction activities will include preparation of the site, installation of structural supports for the solar panels, installation of electrical systems, construction of the new 34.5 kV distribution line, construction of a transformer sub-station, installation of a short (less than 500 m) 115 kV electrical line and site fencing.

Construction will begin with the installation of fencing surrounding the project area. Grading and construction of the access roads will follow to provide access for the remainder of construction. The structural supports for the modules will be embedded into the soil via a vibratory pile driver, minimizing site preparation and disturbances. The remainder of the structural components for the modules will be installed, including the racking for panels. Panels will then be installed on the racks.

Inverter stations will arrive at the site as complete enclosed units and will be installed on concrete slab-on-grade foundations. Wiring between panels, to the inverter stations, and to the e-house will then be completed.

A new 34.5 kV distribution power line will run approximately 15 km from the site location to a new 115 kV transformer sub-station to be constructed adjacent to the Aylmer Transmission Station (TS). The distribution line will be installed within the existing road allowance beside the roads along which it runs and will be entirely underground. Where the line is required to cross existing water-crossings, such as bridges and culverts, the line will travel below the watercourse. A short 115 kV line less than 500 m will connect the new transformer sub-station to the Aylmer TS. The area surrounding the transmission station is composed of a coniferous tree plantation, and some tree clearing will be required in order to accommodate the footprint of the transmission station and installation of a new access road. Further information on construction can be found in the *Silvercreek Solar Park Construction Plan Report*.

### ***Operational Activities***

The proposed facility will operate continuously during the daytime. Power output will depend on seasonal sun activity and weather conditions.

Regular inspections of the facility will be conducted and routine maintenance will be performed according to the manufacturer's specifications. It is anticipated that service on the inverters will be done in 6 month intervals. Panels that break or malfunction will be repaired or replaced. The modular nature of photovoltaic systems allows simple repair or replacement of these components.

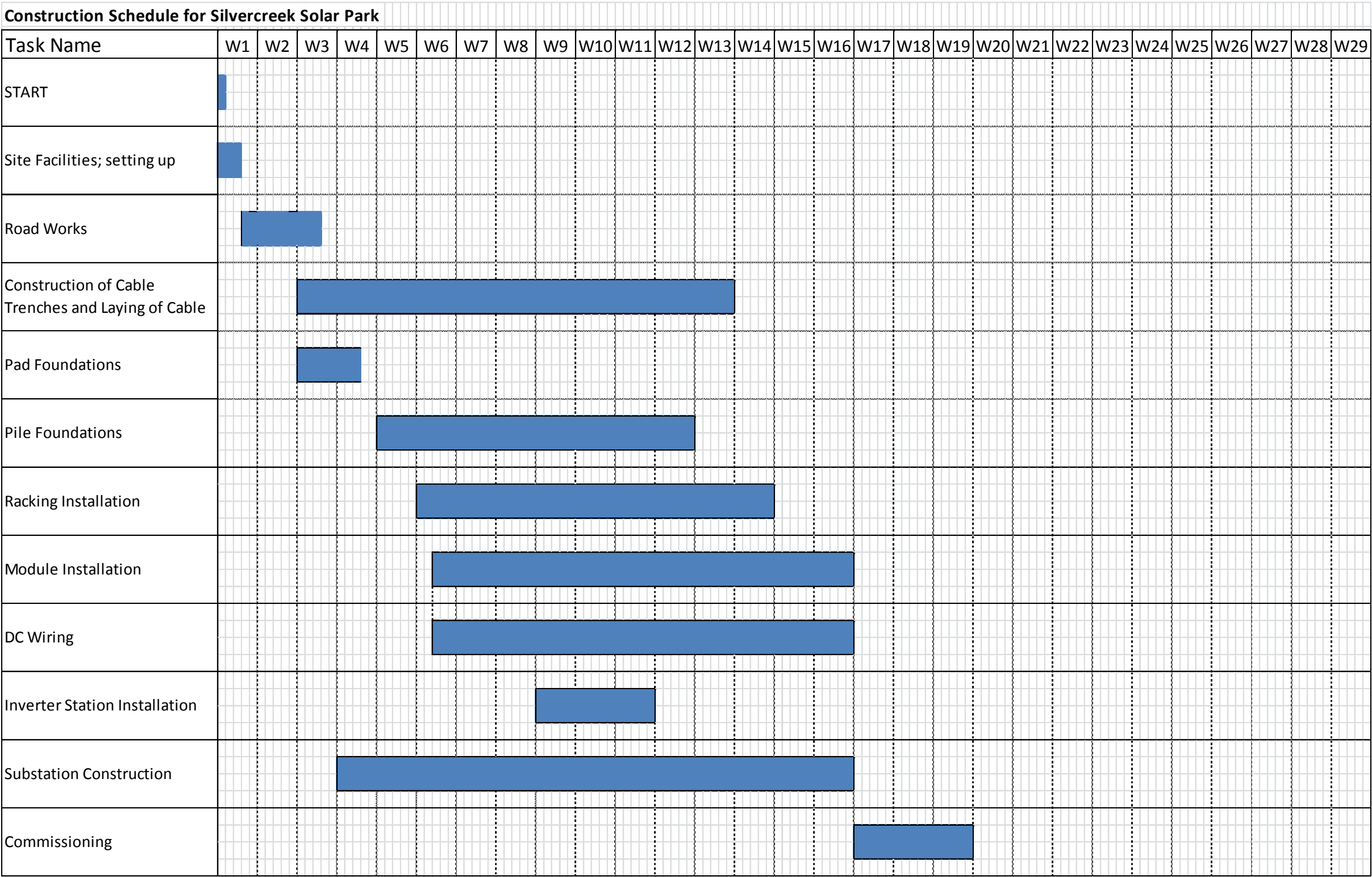
Seasonal cleaning of the modules will be completed using water to remove accumulated dirt and debris. The grounds will be kept debris free and ground cover will be mowed regularly as required. Further information on Design and Operations can be found in the *Silvercreek Solar Park Design and Operations Report*.

### ***Decommissioning***

The lifespan of the project is estimated to be at least 25 years. The facility may be upgraded at the end of its useful life or replaced with newer technology for an additional lifecycle.

If the proponent chooses to decommission the facility, the facility will be disconnected from the grid and solar panels, trackers, inverters and transformers will be removed and recycled. The substation removal will be dependent on discussions with Hydro One Networks Inc. (HONI). Further information on Decommissioning can be found in the *Silvercreek Solar Park Decommissioning Report*.

2.2.2 Facility Phases & Timing



### **2.2.3 Wastes**

Operation of the solar park will not emit any harmful substances to the atmosphere. Air emissions during the construction phase will be related to the vehicle traffic delivering project components to the site as well as the construction equipment, and will be minor in nature.

The construction phase will generate solid waste consisting mainly of excavated subsoil, foundation materials including excess concrete, reinforcing bar and forms, and excess wiring and packaging materials. Waste generated from operational activities will be limited to general maintenance and include mainly lubricating oils. All generated wastes will be recycled when possible or disposed of at the appropriate off-site facility.

### **Toxic or Hazardous Materials**

The main hazardous material used at the site during the construction period will be equipment fuel. The risk of spills will be minimized by ensuring equipment are inspected and in compliance with the industry standards. All hazardous materials will be stored in specifically designated storage areas off site to prevent the site from possible contamination.

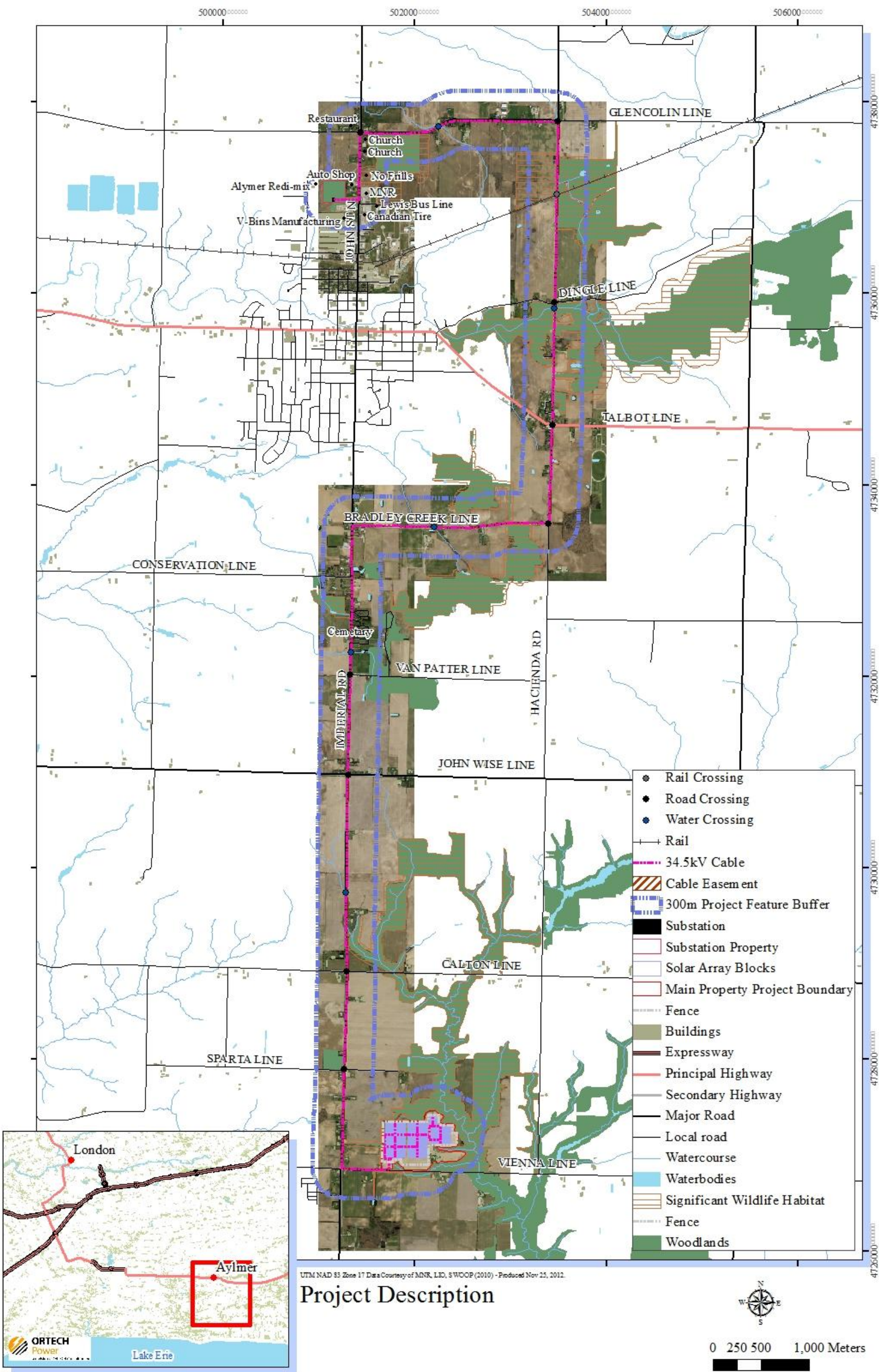
There is a small potential that maintenance activities may result in some spillage of lubricants and other fluids. In order to mitigate these effects, a Spill Contingency Plan will be in place and an emergency response spill kit will be maintained at the site to deal with incidental releases of hazardous chemicals. Disposal of all toxic wastes will be done in accordance with legislative requirements.

### **2.2.4 Water Taking**

No water takings are required for this project.

2.3 Map of Project Location

Figure 1: Project Location Map





## **2.4 Land Ownership**

The proposed project site is located at PT Lots 12, 13, 14 Concession 3 in the Township of Malahide and is entirely on private land controlled by the Proponent through an Option and Easement agreement. The substation will be located at lots PT Lot 83 Con NTR Malahide PT Lot 9 11R9197 T/W E 410555 Malahide and is controlled by the proponent for the development of the project through an Agreement of Purchase.

In addition to the lands described above, the Proponent will be required to enter into an agreement with the Township of Malahide and Elgin County in order to construct the distribution line within the road allowance.

## **3. DESCRIPTION OF ENVIRONMENTAL EFFECTS**

### **3.1 Heritage and Archaeological Resources**

Project activities such as ground clearing, construction of access roads and installation of structural supports could have a potential impact on archaeological or heritage resources within the study area. A stage one archaeological assessment and pedestrian survey was completed on November 26<sup>th</sup> 2009. This survey concluded that the field portion of the property has archaeological potential arising from the proximity to the Silver Creek watercourse, sandy soils of the region and the agricultural settlement history of the township. The survey concluded that proposed surface or subsurface impacts resulting from construction, utility installation, material storage and machine travel may affect unrecorded archaeological resources within the project area (Timmins, January 2010).

A Stage 2 assessment was required and completed in April of 2010. This survey found several locations considered to be of potential archaeological significance. Due to these findings, a Stage 3 assessment was required. This process will be completed prior to construction and according to the requirements of the Ministry of Culture.

A Stage 1 & 2 assessment on the distribution line, and sub-station location was required and completed in December of 2011. This assessment found no items of archaeological significance and no further study is required.

#### **3.1.1 Cultural and Built Heritage Resources**

ORTECH completed a review and summary of heritage resources within 300m of the project in July of 2012. This review concluded that based upon consultations and review of cultural heritage information sources no protected properties, as

listed in Section 19, Table 1 of the REA regulation were identified within 300 m of the project location, including the distribution line route

### **3.2 Natural Heritage Resources**

Information about potential impacts on natural heritage resources is crucial for the proposed development and project activities. In October of 2009, ORTECH retained on behalf of the proponent Natural Resource Solutions Inc. (NRSI) to prepare a natural heritage assessment of the project location. The goal of this assessment was to identify features which may influence the location of project components and to identify and address any potential impacts resulting from the proposed facility on natural heritage features.

The project area is mostly agricultural land, which is surrounded by wooded areas associated with the Silvercreek watershed at the northern and eastern boundaries of the project area, and hedgerows at the west and northwest boundaries of the project area. The adjacent Silvercreek valley is considered to be significant valleylands which may provide habitat for breeding birds. The substation property is located on a white pine plantation, and is bordered by areas of agricultural and industrial operations.

The assessment evaluated potential impacts of the project on significant natural areas and came to the conclusion that the project can successfully mitigate or avoid any and all impacts. Further details can be found in the *Silvercreek Solar Park Natural Heritage Assessment* (2012). This assessment was updated in November 2012, that addendum is also provided.

### **3.3 Water Bodies**

A detailed assessment of the water bodies within and adjacent to the proposed Silvercreek Solar Park project was performed by Natural Resource Solution Inc. (NRSI) between 2010 and 2012. This assessment included a records review, site investigation and an environmental impact statement.

Through the completion of these studies, NRSI has confirmed the presence of 12 water bodies within the project area, of which 10 have been identified as intermittent/permanent water bodies and 2 have been identified as a seepage areas. No lakes or Lake Trout lakes were identified within the Silvercreek Solar Park area.

All the potential impacts identified may occur as a result of construction activities and will be transient in nature. If recommended mitigation measures are employed as described in the Waterbodies Report (NRSI 2012), no significant impacts are anticipated on the identified water body features as a result of the development of the Silvercreek Solar Park Project.

### **3.4 Air, Odour, Dust**

Construction of the project may result in some minor localized increases in air emissions around the project area, particularly fugitive dust. These emissions are generally short term and are restricted to active construction periods. Mitigation measures for the control and reduction of fugitive particulate emissions are well established. Emissions of other air contaminants such as Nitrous Oxides, Sulfur Oxides and Greenhouse Gases (GHGs) from construction equipment are predicted to be insignificant relative to the airshed and provincial air quality criteria.

### **3.5 Noise**

#### ***Construction***

There will be a temporary impact from noise during construction activities, largely from the equipment required to install the solar panels and the substation.

#### ***Operations***

There is potential for noise impacts on receptors within the immediate project area from the inverters and the transformer sub-station operation. An acoustical assessment concluded that the project components can operate in compliance with the MOE noise guidelines without the need for mitigation.

### **3.6 Land Use and Resources**

The area where most of the components will be placed is presently an agricultural field used to grow grain crops and has historically been used to grow tobacco. The construction of the facility will remove the agricultural potential from the project area. A vegetative cover in the access rows between the panels will reduce soil erosion during this fallow period. Operation of the facility will have a positive effect on the soil condition over the long term. Construction and operation of the project is not anticipated to impact any other land use or resource within the area.

The area where the substation will be located is composed primarily of a white pine tree plantation. The construction of the facility will require some vegetation removal from this area; however, it is not available for public use or resource extraction, at present. Operation of the substation will require an access road to be maintained into the property. This should not impact local land use or existing resource use.



### **3.7 Provincial and Local Infrastructure**

#### ***Construction***

The Project will have impacts on local infrastructure during construction by way of increased truck traffic for component delivery as well as roadside installation of the distribution line. The Project will use public right of ways for the electrical connection line routing. It is also anticipated that municipal roads will be used during construction. A new access road for the transformer substation will connect to existing municipal roads. As such, road use agreements and easements will be required with the Township of Malahide.

Construction effects will be temporary in nature, lasting two to three months. Construction equipment could temporarily impact local residents' use of the roadways for a few minutes at a time related to equipment deliveries along Vienna Line. This will be temporary and can be mitigated by requesting equipment and supply delivery occur during periods of low traffic congestion. The construction and installation of the distribution line will result in increased road congestion. Further discussion on this can be found in the Traffic Management section of the *Silvercreek Solar Construction Plan Report*.

### **3.8 Public Health and Safety**

There is potential during construction for public health and safety to be impacted. During construction the presence of equipment, large vehicles, assembly and installation of project components could pose a risk to the general public and workers. A health and safety plan compliant with the Occupational Health and Safety Act will be employed. Local residents will be notified in advance about construction activities and road signage will be installed prior to delivery of equipment and turbines, so that alternative transportation routes can be taken. Highway Safety Act Book 7 for roadside construction standards will be employed for all roadside work including installation of the connection line. The Contractor will draft a management plan which will be reviewed by the municipality prior to construction.

### **3.9 Areas Protected under Provincial Plans and Policies**

A records review and site visit has determined that this area is not protected under any provincial plans or policies.

#### **4. ACKNOWLEDGEMENTS AND REFERENCES**

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With assistance from:

Natural Resource Solutions Inc.  
Timmins Martelle Heritage Consultants

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Timmins Martelle Heritage Consultants Inc. (December 2011). Stage 1 & 2 Archaeological Assessment Silvercreek Solar Park Substation and Transmission Line.

**APPENDIX A**

**Confirmation Letters  
(4 Pages)**

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July 9, 2012

Silvercreek Solar Park Inc.  
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**RE: NHA Confirmation for Silvercreek Solar Park**

Dear Dave Moerman:

In accordance with the Ministry of the Environment's (MOE's) Renewable Energy Approvals (REA) Regulation (O.Reg.359/09), the Ministry of Natural Resources (MNR) has reviewed the Silvercreek Solar Park Natural Heritage Assessment and Environmental Impact Study for the Silvercreek Solar Park near Aylmer submitted by Silvercreek Solar Park Inc. in July 2012.

In accordance with Section 28(2) and 38(2)(b) of the REA regulation, MNR provides the following confirmations following review of the natural heritage assessment:

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

In accordance with Section 28(3)(c) and 38(2)(c), MNR also offers the following comments in respect of the project.

Preconstruction Monitoring

In accordance with Appendix D of MNR's NHA Guide, a commitment has been made to complete pre-construction assessment(s) of habitat use for the following candidate significant wildlife habitats: Species of Conservation Concern – Appalachian Sedge. MNR has reviewed and confirmed the assessment methods and the range of mitigative options. Pending completion of the assessments and determination of significance, the appropriate mitigation is expected to be implemented, as committed to in the environmental impact study.

#### Post-Construction Monitoring

If the Appalachian Sedge candidate Significant Wildlife Habitat (CAAP-001) is deemed significant through pre-construction surveys, a commitment has been made in the Environmental Effects Monitoring Plan, part of the Design and Operations Report, to conduct post-construction monitoring and if determined necessary, implement mitigation measures.

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, MNR 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, MNR expects that these commitments will be considered in MOE's Renewable Energy Approval decision and, if approved, be implemented by the applicant.

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 MOE 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' *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 Amy Cameron at [amy.cameron@ontario.ca](mailto:amy.cameron@ontario.ca) or 705-875-7481.

Sincerely,



Amy Cameron  
Coordinator  
Renewable Energy Operations Team  
Southern Region MNR

cc     Emily Gryck, Renewable Energy Operations Team, Project Manager, MNR  
Erin Cotnam, Renewable Energy Operations Team, Project Manager, MNR  
Mitch Wilson, District Manager, Aylmer District, MNR  
Narren Santos, Environmental Approvals Branch, MOE  
Zeljko Romic, Environmental Approvals Branch, MOE  
Leah Deveaux, Environmental Assessment Specialist, ORTECH Consulting

**Ministry of  
Natural Resources**

Renewable Energy Operations Team  
300 Water Street  
4<sup>th</sup> Floor, South Tower  
Peterborough, Ontario K9J 8M5

**Ministère des  
Richesses naturelles**



November 20, 2012

Silvercreek Solar Park Inc.  
49588 Vienna Line  
Aylmer, ON  
N5H 2R2

**RE: Modifications to Silvercreek Solar Park Project Location**

Dear Mr. Dave Moerman,

The Ministry of Natural Resources (MNR) has received the document dated November 20, 2012 that describes modifications to the Silvercreek Solar Park project location made subsequent to MNR's letter confirming the Natural Heritage Assessment in respect of the project.

Upon review of the modifications, MNR is satisfied that the Natural Heritage Assessment requirements of Ontario Regulation 359/09 have been met. Please add this letter as an addendum to the confirmation letter issued July 9, 2012 for the Silvercreek Solar Park project.

If you wish to discuss, please contact me at [amy.cameron@ontario.ca](mailto:amy.cameron@ontario.ca) or 705-875-7481.

Sincerely,

A handwritten signature in blue ink that reads "Amy Cameron".

Amy Cameron  
Coordinator  
Renewable Energy Operations Team  
Southern Region MNR

cc     Emily Gryck, Renewable Energy Operations Team, Project Manager, MNR  
        Erin Cotnam, Renewable Energy Operations Team, Project Manager, MNR  
        Mitch Wilson, Aylmer District Manager, MNR  
        Narren Santos, Environmental Approvals Access & Service Integration Branch, MOE  
        Zeljko Romic, Environmental Approvals Access & Service Integration Branch, MOE