

**General Information and Instructions**

Form Version 1.1

**General**

Information requested in this form is collected under the authority of the *Environmental Protection Act*, R.S.O. 1990 (EPA) and will be used to evaluate this application for a Renewable Energy Project. Questions about this collection of information should be directed to: Information Unit Supervisor, Environmental Assessment and Approvals Branch, 2 St. Clair Ave. W, Floor 12A, Toronto ON M4V 1L5. Telephone outside Toronto 1-800-461-6290 or in Toronto 416-314-8001.

**Instructions**

1. **Applicants are responsible for ensuring that they complete the most recent application form.** Application forms and supporting documentation are available from the Environmental Assessment and Approvals Branch toll free at 1-800-461-6290 (locally at 416-314-8001), from your local District Office of the Ministry of the Environment, and in the "Publications" section of the Ministry of the Environment website at [www.ene.gov.on.ca](http://www.ene.gov.on.ca).
2. Questions regarding completion and submission of this application should be directed to the Environmental Assessment and Approvals Branch, 2 St. Clair Avenue West, Floor 12A, Toronto, Ontario, M4V 1L5, telephone number 1-800-461-6290 or (416) 314-8001, or to your local District Office of the Ministry of the Environment.
3. **Complete Submission**  
In order to be eligible for the issue of a renewable energy approval, a person who proposes to engage in a renewable energy project shall, before submitting an application to the Director,
  - 1) prepare the application in a form or format approved by the Director;
  - 2) obtain or prepare, as the case may be, any documents that,
    - a) are required under Part IV to be submitted as part of the application, or
    - b) are to be submitted as part of the application for the purposes of obtaining an exemption from a provision of Part V; and
    - c) comply with all other requirements of Part IV of Ontario Regulation 359/09.
  - 3) If there is more than one person applying for the issue of a renewable energy approval in respect of a renewable energy project, those persons shall jointly submit one application for the issue of a renewable energy approval.
  - 4) An application to alter the terms and conditions of a renewable energy approval shall be prepared in a form or format approved by the Director and shall be submitted to the Director.

**Supporting documents**

- 1) A person who proposes to engage in a renewable energy project shall submit a document set out in Column 1 of Table 1 of the Regulation as part of an application for the issue of a renewable energy approval in respect of the project if it is a project described opposite the document in Column 3.
- 2) If a document set out in Column 1 of Table 1 of the Regulation is submitted as part of an application for the issue of a renewable energy approval, the person who is engaging in the renewable energy project shall ensure that the document meets the requirements set out opposite the document in Column 2 of Table 1 of the Regulation.
- 3) Any document submitted as part of an application for the issue of a renewable energy approval shall be in writing.
- 4) Any document submitted as part of an application for the issue of a renewable energy approval that is a diagram, map or plan shall be drawn to scale and shall include a scale bar and a north arrow.

**INCOMPLETE APPLICATIONS WILL BE RETURNED TO THE APPLICANT.**

The Ministry may require additional information during the technical review of any application.

4. If you are submitting your application electronically, electronic PDF application form should be completed and submitted by email to [REAESubmission@ontario.ca](mailto:REAESubmission@ontario.ca). Once the application has been received, you will receive an acknowledgement email with an MOE reference number for your application and additional instructions for submitting your hard copy application package and supporting information.

If you are not submitting your application electronically, the original application form and all required supporting documents must be sent to:

**The Ministry of the Environment,  
Director, Environmental Assessment and Approvals Branch,  
2 St. Clair Avenue West, Floor 12A, Toronto, Ontario, M4V 1L5**

A copy of the complete application must be sent to any local Ministry District Office having jurisdiction over the project location. To locate the appropriate local Ministry District Office, please visit the Ministry of the Environment Internet site at: [www.ene.gov.on.ca/envision/org/op.htm#Reg/Dist](http://www.ene.gov.on.ca/envision/org/op.htm#Reg/Dist)

A cover letter addressed to the Director of Environmental Assessment and Approvals Branch should accompany both submissions and indicate that a copy of the complete submission has been sent to each District Office that has jurisdiction over the project location.

5. Information collected by the Ministry of the Environment is subject to the *Freedom of Information and Protection of Privacy Act* (FOIPPA). If you are of the view that any part of your application is confidential on the grounds such information constitutes a trade secret or scientific, technical, commercial, financial or labour relations information, please make this known now. Otherwise, the Ministry may make the information available to the public without further notice to you.

| For Office Use Only |              |          |
|---------------------|--------------|----------|
| Reference Number    | Date (y/m/d) | Initials |

Form ID: 1984147

### Application Summary

Project Name *(Project identifier to be used as a reference in correspondence)*  
**Burk's Falls East Solar Project**

Project Description Summary  
*(This summary should reflect the description in the documents upon which consultation has been completed and if it does not, the difference should be highlighted)*  
 The proposed facility is a 10 MW solar generating facility, located in Armour Township. The project will generate electricity using photovoltaic panels mounted on fixed racking structures, with in-ground foundations. Direct current generated by the panels is converted to alternating current by inverters and stepped up to intermediate voltages by a transformer. Alternating current is routed to a main facility substation where it is stepped up to distribution line voltage. A short distribution line is used to connect the facility into the existing distribution grid. Other project components include access roads, a control building and site fencing.

| Required Information   | Completed (yes or no) |
|--|-----------------------|
| <input checked="" type="checkbox"/> Project Name & Description       | Yes                   |
| <input checked="" type="checkbox"/> Section 1: Applicant Information | Yes                   |
| <input checked="" type="checkbox"/> Section 2: Project Information   | Yes                   |
| <input checked="" type="checkbox"/> Section 3: Site Information      | Yes                   |
| <input checked="" type="checkbox"/> Section 4: Required Documents    | Yes                   |

Application Status: **FORM COMPLETE.**      [Email Form](#)      [Print Completed Form](#)

**Summary:**

|   |  |
|---|--|
| Type of Application<br>Amendment to REA 6662-8QVM6U | Type of Renewable Energy Generation Facility<br>Solar Photo Voltaic Class 3. |
| Total Maximum Name Plate Capacity<br>10 MW          |  |
| Total Expected Generation Capacity<br>10 MW         |  |

# Section 1: Applicant Information

Form ID: 1984147



## 1.1 Applicant Information (Owner of works/facility)

|   |  |   |
|---|--|---|
| Applicant Name (legal name of individual or organization as evidenced by legal documents)<br><b>Northland Power Solar Burk's Falls East</b>   |  | Business Identification Number<br><b>191194646</b>  |
| Business Name (the name under which the entity is operating or trading - also referred to as trade name)<br><b>Northland Power Solar Burk's Falls East</b>  |  | <input checked="" type="checkbox"/> same as Applicant Name  |
| Applicant Type:<br><input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Federal Government<br><input type="checkbox"/> Individual <input type="checkbox"/> Municipal Government<br><input type="checkbox"/> Partnership <input type="checkbox"/> Provincial Government<br><input type="checkbox"/> Sole Proprietor <input type="checkbox"/> Other (describe): |  | North American Industry Classification System (NAICS) Code<br><b>221119</b> Other Electric Power Generation |
| Business Activity Description (a description of the business endeavour, this may include products sold, services provided or machinery/equipment used, etc.)<br><b>Northland Power specializes in the development and operation of renewable energy generating facilities</b>   |  |   |



## 1.2 Applicant Physical Address

|  |  |                                   |   |   |
|--|--|-----------------------------------|---|---|
| Civic Address - Street information (includes street number, name, type and direction)<br><b>30 St. Clair Avenue West</b> |  |                                   |   | Unit Identifier (i.e. apartment number) |
| Survey Address<br><small>(Not required if Street Information is provided)</small>  | Lot  | Conc.                             | Part  | Reference Plan                          |
| Municipality /Unorganized Township<br><b>Toronto</b>   | County/District  | Province/State<br><b>Ontario</b>  | Country<br><b>Canada</b>                              | Postal Code<br><b>M4V 3A1</b>           |
| Telephone Number (include area code & ext.)<br><b>(416)962-6262</b> ext.   | Fax Number (include area code)<br><b>(416)962-6266</b> | Mobile Number (include area code) | E-mail Address<br><b>tom.hockin@northlandpower.ca</b> |   |

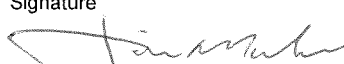


## 1.3 Applicant Mailing Address

|  |                                  |
|--|----------------------------------|
| Same as Applicant Physical Address? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If no, please provide site address information below)   |                                  |
| Civic Address - Street information (civic numbering and street information including street number, name, type and direction)<br><b>30 St. Clair Avenue West</b> |                                  |
| Delivery Designator  | Delivery Identifier              |
| Municipality /Unorganized Township<br><b>Toronto</b>   | Province/State<br><b>Ontario</b> |
| Country<br><b>Canada</b>   | Postal Code<br><b>M4V 3A1</b>    |



## 1.4 Statement of Applicant

|  |  |  |
|--|--|--|
| <b>I, the undersigned hereby declare that, to the best of my knowledge:</b>  |  |  |
| <ul style="list-style-type: none"> <li>The information contained herein is complete and accurate in every way and I am aware of the penalties against providing false information as per s.184(2) of the <i>Environmental Protection Act</i>.</li> <li>I understand that by submitting this form, I am guaranteeing the completeness and accuracy of all the information provided on this form and included in the draft reports. Failure to submit the correct information will result in an incomplete application being returned.</li> <li>The Project Technical Information Contact identified below is authorized to act on my behalf for the purpose of obtaining approval under section 47.3 of the EPA for the Project identified herein.</li> </ul> |  |  |
| Name of Signing Authority (please print)<br><b>Jim Mulvale</b>   | Title<br><b>Manager, EH&amp;S</b>  |  |
| Telephone Number (including area code & extension)<br><b>(647)288-1273</b> ext.  | Fax Number (including area code)<br><b>(416)962-6266</b>   | E-mail Address<br><b>jim.mulvale@northlandpower.ca</b> |
| Mobile Number (including area code)<br><b>(416)662-1437</b>  | Signature<br> | Date (y/m/d)<br><b>2013/02/20</b>                      |


## Section 2: Project Information

Form ID: 1984147

### 2.1 Application Type

|   |                            |  |                            |
|---|----------------------------|--|----------------------------|
| Type of Application:  |                            |  |                            |
| <input type="checkbox"/> New Renewable Energy Approval  |                            | Where Applicable provide Existing Renewable Energy Approval Number:    |                            |
| <input checked="" type="checkbox"/> Amendment to Renewable Energy Approval                          |                            | 6662-8QVM6U  |                            |
| Application Initiated by:   |                            |  |                            |
| <input checked="" type="checkbox"/> Proponent   |                            | <input type="checkbox"/> Environmental Assessment and Approvals Branch |                            |
| <input type="checkbox"/> Provincial Officer Order (attach copy)                                     |                            | <input type="checkbox"/> Other (specify):                              |                            |
| Current Certificate(s) of Approval <i>(please attach a separate list if more space is required)</i> |                            |  |                            |
| Certificate of Approval Number  | Date of Issue (yyyy/mm/dd) | Certificate of Approval Number   | Date of Issue (yyyy/mm/dd) |
|   |                            |  |                            |
| Certificate of Approval Number  | Date of Issue (yyyy/mm/dd) | Certificate of Approval Number   | Date of Issue (yyyy/mm/dd) |
|   |                            |  |                            |
| Current Permit(s) to Take Water <i>(please attach a separate list if more space is required)</i>    |                            |  |                            |
| Permit Number   | Date of Issue (yyyy/mm/dd) | Permit Number  | Date of Issue (yyyy/mm/dd) |
|   |                            |  |                            |
| Permit Number   | Date of Issue (yyyy/mm/dd) | Permit Number  | Date of Issue (yyyy/mm/dd) |
|   |                            |  |                            |
| Project Schedule  |                            |  |                            |
| Estimated date for start of construction/installation (yyyy/mm/dd)                                  |                            | Estimated date for start of operation (yyyy/mm/dd)                     |                            |
| 2011/09/01  |                            | 2012/05/01   |                            |

### 2.2 Statement of Project Technical Information Contact

|   |                                       |  |  |
|---|---------------------------------------|--|--|
| Is the Project Technical Information Contact the same as the Applicant (identified in Section 1)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |                                       |  |  |
| <b>I, the undersigned hereby declare that, to the best of my knowledge:</b>   |                                       |  |  |
| <ul style="list-style-type: none"> <li>• The information contained herein and the information submitted in support of this application (electronically and in hard copy) is complete and accurate in every way and I am aware of the penalties against providing false information as per s.184(2) of the <i>Environmental Protection Act</i>.</li> <li>• I understand that by submitting this form, I am guaranteeing the completeness and accuracy of this form and the draft documents. Failure to submit the correct information will result in the application being returned as incomplete.</li> <li>• That the information contained in the electronically submitted application form is the same as the information submitted in the hard copy submission.</li> <li>• I have used the most recent application form (as obtained from the "publications" section of the Ministry of the Environment website at <a href="http://www.ene.gov.on.ca">www.ene.gov.on.ca</a> or from the Environmental Assessment and Approvals Branch at 1-800-461-6290).</li> </ul> |                                       |  |  |
| Name of Project Technical Information Contact   |                                       | Company                                  |  |
| Sean Male   |                                       | Hatch                                    |  |
| Telephone Number <i>(include area code &amp; ext.)</i>  | Fax Number <i>(include area code)</i> | Mobile Number <i>(include area code)</i> | E-mail Address                                 |
| (905)374-0701 ext. 5280   | (905)374-1157                         |  | smale@hatch.ca                                 |
| Signature <i>(hard copy submission MUST be signed)</i>  |                                       | Date (yyyy/mm/dd)                        |  |
|    |                                       | 2013/03/01                               |  |
| Address Information:  |                                       |  |  |
| Same as Applicant Mailing Address? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, please provide technical information contact address information below)</i>   |                                       |  |  |
| Civic Address - Street information <i>(civic numbering and street information including street number, name, type and direction)</i>  |                                       |  | Unit Identifier <i>(i.e. apartment number)</i> |
| 4342 Queen Street   |                                       |  | Suite 500                                      |
| Delivery Designator   | Delivery Identifier                   | Postal Station                           |  |
|   |                                       |  |  |
| Municipality /Unorganized Township  | Province/State                        | Country                                  | Postal Code                                    |
| Niagara Falls   | Ontario                               | Canada                                   | L2E 7J7  |

**2.3 Other Approvals for Facility** – Please attach a separate list if more space is required

Separate list attached?  Yes  No

| List all other environmental approvals/permits applied for related to this project or received in relation to this project |                              |                 |  |                 |                              |
|--|------------------------------|-----------------|--|-----------------|------------------------------|
| Approval Number  | Approval Date<br>(yyy/mm/dd) | Approval Number | Approval Date<br>(yyy/mm/dd)                                   | Approval Number | Approval Date<br>(yyy/mm/dd) |
|  |                              |                 |  |                 |                              |
|  |                              |                 |  |                 |                              |
|  |                              |                 |  |                 |                              |
| Ontario Power Authority (OPA) Registration ID (if applicable)  |                              |                 | Ontario Power Authority (OPA) Reference Number (if applicable) |                 |                              |
|  |                              |                 | FIT-F164P1F  |                 |                              |

**2.4 Type of Renewable Energy Generation Facility** (select all that apply)

| Wind Facility                    | Biofuel / Biogas / Other         | Anaerobic Digestion Facility     | Thermal Treatment Facility       | Solar Photo Voltaic Facility                |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
| <input type="checkbox"/> Class 2 | <input type="checkbox"/> Biofuel | <input type="checkbox"/> Class 1 | <input type="checkbox"/> Class 1 | <input checked="" type="checkbox"/> Class 3 |
| <input type="checkbox"/> Class 3 | <input type="checkbox"/> Biogas  | <input type="checkbox"/> Class 2 | <input type="checkbox"/> Class 2 |   |
| <input type="checkbox"/> Class 4 | <input type="checkbox"/> Other   | <input type="checkbox"/> Class 3 | <input type="checkbox"/> Class 3 |   |
| <input type="checkbox"/> Class 5 | If other, please describe:       |                                  |                                  |   |
|                                  |                                  |                                  |                                  |   |

**2.5 Generation of Electricity**

|                                   |                                       |                                    |                                       |
|-----------------------------------|---------------------------------------|------------------------------------|---------------------------------------|
| Total Maximum Name Plate Capacity |                                       | Total Expected Generation Capacity |                                       |
| 10                                | MW (1 MW = 1000 kW / 1 kW = 0.001 MW) | 10                                 | MW (1 MW = 1000 kW / 1 kW = 0.001 MW) |
| Days and Hours of Operation       |                                       |                                    |                                       |
| 365 d/yr, sun-light hours         |                                       |                                    |                                       |

### Section 3: Site Information

**3.1 Project Location** - (the site/location where project will be located)

|  |      |                   |                        |                |   |
|--|------|-------------------|------------------------|----------------|---|
| Same as Applicant Physical Address? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If no, please provide site address information below) |      |                   |                        |                |   |
| Civic Address- Street information (includes street number, name, type and direction)   |      |                   |                        |                | Unit Identifier (i.e. apartment number) |
| 827 Chetwynd Road  |      |                   |                        |                |   |
| Survey Address<br><i>(Legal description of the site)</i>   | Lot  | Conc.             | Part                   | Reference Plan |   |
| n/a  | n/a  | n/a               | n/a                    | n/a            |   |
| Municipality / Unorganized Township  |      | County/District   |                        | Postal Code    |   |
| Armour Township  |      |                   |                        | P0A 1C0        |   |
| Non Address Information (where the project spans many locations or a large rural area, specify how the project area relates to the address provided)           |      |                   |                        |                |   |
| The Project size is approximately 40 hectares, located entirely on the property associated with the above address.   |      |                   |                        |                |   |
| Geo Reference (southwest corner of property)   |      |                   |                        |                |   |
| Map Datum  | Zone | Accuracy Estimate | Geo Referencing Method | UTM Easting    | UTM Northing                            |
| NAD83  | 17   | +/- 5 m           | GIS mapping            | 627975         | 5051578                                 |

**3.2 Municipal or local authority Information** - (List all municipal or board authorities where the project is located)

|  |  |                                 |  |                         |  |
|--|--|---------------------------------|--|-------------------------|--|
| Local Municipality / Unorganized Township (Include each Single Tier or Lower Tier in which the project location is situated. Attach a separate list if more space is necessary)  |  |                                 |  |                         |  |
| Name of Municipality   |  | Address                         |  | Phone                   |  |
| Armour Township  |  | 56 Ontario Street               |  | (705)382-3332           |  |
| Clerk's Name   |  | Clerk's Phone/Fax               |  | E-Mail Address          |  |
| Wendy Whitwell   |  | (705)382-2068                   |  | clerk@armourtownship.ca |  |
| Is the project location situated in one or more Upper Tier Municipality? (i.e., county, regional or district municipality.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>List all Upper Tier Municipalities that the project location is situated in. Attach a separate list if more space is necessary</i> |  |                                 |  |                         |  |
| Name of Municipality   |  | Address                         |  | Phone                   |  |
|  |  |                                 |  |                         |  |
| Clerk's Name   |  | Clerk's Phone/Fax               |  | E-Mail Address          |  |
|  |  |                                 |  |                         |  |
| Is the project location situated in a Local Roads Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>List all Local Roads Areas that the project location is situated in. Attach a separate list if more space is necessary</i>   |  |                                 |  |                         |  |
| Name of local roads board  |  | Address                         |  | Phone                   |  |
|  |  |                                 |  |                         |  |
| Secretary-treasurer's Name   |  | Secretary-treasurer's Phone/Fax |  | E-Mail Address          |  |
|  |  |                                 |  |                         |  |
| Is the project location in a Local Service Board area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>List all Local Service Board areas the project location is situated in. Attach a separate list if more space is necessary</i>   |  |                                 |  |                         |  |
| Name of Local Service Board  |  | Address                         |  | Phone                   |  |
| Southeast Parry Sound District Planning Board  |  | 172 Ontario Street              |  | (705)382-0739           |  |
| Secretary's Name   |  | Secretary's Phone/Fax           |  | E-Mail Address          |  |
| Linda Moyer  |  | (705)382-0739                   |  | seplanningbd@bellnet.ca |  |

**3.3 Site Information** - (information about the site/location where project will be located)

|   |  |
|---|--|
| Site Name<br><b>Burk's Falls East Solar Project</b>   | MOE District Office<br>Sudbury District Office |
| Is in any portion of the Project location on federally owned land or a reserve?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |
| Is in any portion of the Project location on Crown Land?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |
| Is the Project location that is the subject of this application owned by the Applicant?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b><i>If no, please attach the owner's name, address and a signed letter granting consent for the installation and operation of the facilities</i></b> |  |
| Is the Applicant the operating authority of the facility that is the subject of this application?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b><i>If no, please attach the operating authority name, address and phone number</i></b>  |  |
| Is the Project location in the area of the Niagara Escarpment Plan?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |
| Is the Project location in the area subject to the Oak Ridges Moraine Conservation Plan?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |
| Is the Project location in the Protected Countryside as shown in Schedule 1 to the Greenbelt Belt Plan?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |
| Is the Project location in the Lake Simcoe Watershed as defined in the Lake Simcoe Protection Act, 2008?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |
| Is the Project location in the Central Pickering Development Planning Area as shown in Schedule 1 to the Central Pickering Development Plan?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |
| Has an Archaeological Report (s. 22) been prepared as part of the complete submission?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |  |
| Has a Heritage Report (s.23) been prepared as part of the complete submission?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |
| Has an Environmental Impact Study Report (s.38, s. 41 or s. 43) been prepared as part of the complete submission?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |  |
| Has a Water body Report (s.39, s. 40, s.44 s. 45) been prepared as part of the complete submission?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |  |

