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Reference Number	Payment Received	Date (yyyy/mm/dd)	Initials
	\$		

Application Summary

Applicant Name (Legal name of individual or organization as evidenced by legal documents)

Barlow Energy Centre Limited Partnership

Project Name (Project identifier to be used as a reference in correspondence)

Barlow Solar Energy Centre

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)

Barlow Energy Centre Limited Partnership (the Proponent), is proposing the development of a 10 megawatt alternating current (MWac) solar energy generating facility, known as the Barlow Solar Energy Centre (the Project) approximately 10 kilometres (km) west of the city of Cornwall in the Township of South Stormont, United Counties of Stormont, Dundas and Glengarry, Ontario. The Point of Common Coupling will be located adjacent to the Project Location, in the City of Cornwall, Ontario.

The Proponent is proposing to develop, construct and operate the Project on 38 hectares (ha; 94 acres) of land in response to the Government of Ontario's Large Renewable Procurement (LRP) initiative to promote the development of renewable electricity in the province. The proposed solar PV distribution grid connected system would be considered a Class 3 Solar Facility under O. Reg. 359/09, s. 4.

The basic Project components include access roads, perimeter fencing, approximately 30,000 to 50,000 solar panels, associated racking system, electrical inverters and transformers, electrical cabling, parking/storage areas, and a main facility substation including a main power transformer (if applicable) and control house. The Project will be interconnected to a 44 kV distribution grid line which will be built by Hydro One in 2018 within the road allowance of Cornwall Centre Road.

The potential effects to environmental features have been identified in the Construction Plan Report and the Design and Operations Report and mitigation measures developed as required.

Supplemental Application Information (Provide any other information that might be relevant to your application)

Note: This form has been save-enabled; you can save a copy of this form that includes any information you have entered. Additional instructions and information on how to complete the application form can be found in the accompanying "Guide for Completing the Renewable Energy Approval Application".

Section 1 – Applicant Information**1.1 – Applicant Information** (Owner of works/facility)

Applicant Name (Legal name of individual or organization as evidenced by legal documents)

Barlow Energy Centre Limited Partnership

Business Identification Number

250757697

Business Name (The name under which the entity is operating or trading, also referred to as trade name)

Barlow Energy Centre Limited Partnership

 Same as Applicant Name**Applicant Type** Corporation Federal Government Individual Municipal Government Partnership Provincial Government Sole Proprietor Other (describe):

North American Industry Classification System (NAICS) Code

221119

Business Activity Description (A description of the business endeavour, this may include products sold, services provided or machinery/equipment used, etc.)

Development, construction and operation of a 10 MW solar photovoltaic energy project for sale of electricity to the Ontario electrical grid.

1.2 – Applicant Physical Address**Civic Address**

Unit Number

300

Street Number

53

Street Name (Include type and direction)

Jarvis Street

City/Town

Toronto

Province

ON – Ontario

Postal Code

M5C 2H2

Survey Address (Not required if the Civic Address is provided)

Lot/Part

Concession/Reference Plan

Municipality/Unorganized Township

County/District

Province/State

Country

Postal Code

Telephone Number (incl. area code)

ext.

Fax Number (incl. area code)

Mobile Number (incl. area code)

Email Address

1.3 – Applicant Mailing Address Same as Applicant Physical Address**Civic Address**

Unit Number

Street Number

Street Name (Include type and direction)

PO Box

City/Town/Municipality/Unorganized Township

Province/State

Country

Postal Code

Delivery Designator

Delivery Identifier

Postal Station

1.4 – Statement of Applicant

I, the undersigned hereby declare that, to the best of my knowledge:

- 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 *Environmental Protection Act*;
- 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;
- 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.

Name of Signing Authority (Please print) (Last name, first name)

Desdunes, Stephane

Title

Director, Development

Telephone Number (incl. area code)

416 216-5886

ext.

Fax Number (incl. area code)

416 363-7959

Mobile Number (incl. area code)

416 458-0223

Email Address

Stephane.Desdunes@edf-en.ca

Signature

Date (yyyy/mm/dd)

2017/06/16

Section 2 – Project Information

2.1 – Application Type

New Renewable Energy Approval

Amendment to existing Renewable Energy Approval
Provide existing Renewable Energy Approval Number

Application Initiated by

- Applicant
 Environmental Approvals Branch/Environmental Approvals Access and Service Integration Branch
 Provincial Officer Order (attach copy)
 Other (describe):

Relevant pre-submission rules subject to/elected (please select one of the following)

Notice of Proposal to Engage and if applicable, Notice of First Public Meeting, distributed on or before December 31, 2010.

- 2010 Rules
 Elect into one or more 2011 Rules
 Elect into Current Rules

If "Elect into one or more 2011 Rules", please specify which rules:

Notice of Proposal to Engage and Notice of First Public Meeting (or if public meeting not required, drafts of the documents identified in paragraphs 1 and 2 of subsection 18(2) of the Regulation) distributed after December 31, 2010 and on or before July 1, 2012.

- 2011 Rules
 Elect into Current Rules

Notice of Proposal to Engage or Notice of First Public Meeting distributed after July 1, 2012.

- Current Rules

Current Environmental Compliance Approvals (please attach a separate list if more space is required)

Environmental Compliance Approval Number

Date of Issue (yyyy/mm/dd)

Environmental Compliance Approval Number

Date of Issue (yyyy/mm/dd)

Environmental Compliance Approval Number

Date of Issue (yyyy/mm/dd)

Environmental Compliance Approval Number

Date of Issue (yyyy/mm/dd)

Current Permit(s) to Take Water (please attach a separate list if more space is required)

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)

2018/02/01

Estimated date for start of operation (yyyy/mm/dd)

2018/12/01

2.2 – Statement of Project Technical Information Contact

The Project Technical Information Contact is the same as the Applicant (Identified in Section 1)

I, the undersigned hereby declare that, to the best of my knowledge:

- 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 Environmental Protection Act.
- 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.
- That the information contained in the electronically submitted application form is the same as the information submitted in the hard copy submission.
- I have used the most recent application form (as obtained from the "Renewable Energy Approvals" section of the Ministry of the Environment and Climate Change website at <http://www.ontario.ca/environment-and-energy/renewable-energy-approvals> or from the Environmental Approvals Access and Service Integration Branch at 1 800 461-6290).

Name of Project Technical Information Contact (Please print) (Last name, first name)

Nadolny, Rob

Company

Stantec Consulting Ltd.

Telephone Number (incl. area code)

519 780-8142

ext.

Fax Number (incl. area code)

519 836-2493

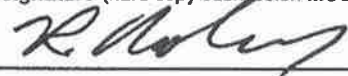
Mobile Number (incl. area code)

519 820-0380

Email Address

Rob.Nadolny@stantec.com

Signature (hard copy submission **MUST** be signed)



Date (yyyy/mm/dd)

2017/06/16

Address

The Project Technical Information Contact Address is the same as the Applicant (Identified in Section 1)

Unit Number

1

Street Number

70

Street Name (Include type and direction)

Southgate Drive

PO Box

City/Town/Municipality/Unorganized Township

Guelph

Province/State

Ontario

Country

Canada

Postal Code

N1G 4P5

Delivery Designator

Delivery Identifier

Postal Station

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

A separate list is attached

List all other environmental approvals/permits applied for related to this project or received in relation to this project

Approval Number

Approval Date (yyyy/mm/dd)

Approval Number

Approval Date (yyyy/mm/dd)

Approval Number

Approval Date (yyyy/mm/dd)

Approval Number

Approval Date (yyyy/mm/dd)

Ontario Power Authority Reference (i.e. FIT) Number (if applicable)

L-006357-SPV-001-010

2.4 – Type of Renewable Energy Generation Facility (Select all that apply)

Wind Class 2 Class 3 Class 4 Class 5

Other Biofuel Biogas Other (if other please describe):

Anaerobic Digestion Class 1 Class 2 Class 3

Solar Photovoltaic Class 3

Thermal Treatment Class 1 Class 2 Class 3

2.5 – Generation of Electricity

Total Maximum Name Plate Capacity

10 MW (1 MW = 1000 kW / 1 kW = 0.001 MW)

Total Expected Generation Capacity

10 MW (1 MW = 1000 kW / 1 kW = 0.001 MW)

Days and Hours of Operation

7 days a week, dawn to dusk

Section 3 – Site Information**3.1 – Project Location** (The site/location where project will be located) The Project Location is the same as the Applicant's Address (Identified in Section 1)**Civic Address**

Unit Number n/a	Street Number	Street Name (Include type and direction)
City/Town		Province
		Postal Code

Survey Address (Not required if the Civic Address is provided)

Lot/Part 20-21	Concession/Reference Plan 4	Municipality/Unorganized Township Township of South Stormont
County/District Stormont, Dundas, Glengarry	Province/State Ontario	Country Canada
		Postal Code

Non Address Information (where the project spans many locations or a large rural area, specify how the project area relates to the address provided)

The Project Location is bounded to the south by Cornwall Centre Road, and to the west, north and east by undeveloped woodlands and scrubland.

Geo Reference (Southwest corner of property)

Map Datum NAD83	Zone 18	Accuracy Estimate +/- 5 m
Geo Referencing Method Arc GIS	UTM Easting 514594	UTM Northing 4987700

3.2 – Municipal or Local Authority Information (List all municipal or board authorities where the project is located. Attach a separate list if more space is necessary.)**Local Municipality** (include each Single Tier or Lower Tier in which the project location is situated) / Unorganized Township

Name of Municipality/Unorganized Township

Township of South Stormont

Address

Unit Number	Street Number 2	Street Name (Include type and direction) Mille Roches Road	PO Box 84
City/Town Long Sault		Province ON – Ontario	Postal Code K0C 1P0
Telephone Number (incl. area code) 613 534-8889	ext.201	Fax Number (incl. area code) 613 534-2280	Mobile Number (incl. area code)

Email Address

loriann@southstormont.ca

Clerk

Last Name Harbers	First Name Loriann	Middle Initial
Telephone Number (incl. area code) 613 534-8889	Email Address loriann@southstormont.ca	

Is the project location situated in one or more Upper Tier Municipality? (i.e., county, regional or district municipality) Yes No**Is the project location situated in a Local Roads area?** Yes No**Is the project location in a Local Service Board area?** Yes No

3.3 – Site Information (Information about the site/location where project will be located)

Site Name

MOE District Office
Ottawa District Office

Barlow Solar Energy Centre

Is any portion of the Project location on federally owned land or a reserve?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is any portion of the Project location on Crown Land?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the Project location that is the subject of this application owned by the Applicant? If "no", please attach the owner's name, address and a signed letter granting consent for the installation and operation of the facilities.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the Applicant the operating authority of the facility that is the subject of this application? If "no", please attach the operating authority name, address and phone number.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is the Project location in the area of the Niagara Escarpment Plan?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the Project location in the area subject to the Oak Ridges Moraine Conservation Plan?	<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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the Project location in the Lake Simcoe Watershed as defined in the <i>Lake Simcoe Protection Act, 2008</i> ?	<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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Has an Archaeological Report (s. 22) been prepared as part of the complete submission?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has a Heritage Report (s.23) been prepared as part of the complete submission?	<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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has a Water Assessment Report or supplementary reporting on any additional mitigation (s.39, s. 40, s.44 s. 45) been prepared as part of the complete submission?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does the Project require any authorizations under the <i>Endangered Species Act, 2007</i> ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If "yes", have they been obtained from the Ministry of Natural Resources?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Section 4 – Supporting Documents

4.1 – Supporting Documentation and Technical Requirements

This is a list of all supporting information to this application and is subject to the FIPPA and EBR.

Mandatory	Attachment	Attached	Reference	Confidential*
Yes	Proof of Legal Name of Applicant.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Always Mandatory	<input type="checkbox"/>
Yes	A map that identifies the project location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Always Mandatory	<input type="checkbox"/>
	Name, Address and Phone Number of the Operating Authority.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mandatory if applicant not operating authority.	<input type="checkbox"/>
	Name, Address and consent of land/site owner for the installation/construction and operation of the facility.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mandatory if applicant not landowner	<input checked="" type="checkbox"/>
Yes	Project Description Report.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mandatory	<input type="checkbox"/>
Yes	Design and Operations Report.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mandatory for all but Class 2 Wind Facility.	<input type="checkbox"/>
Yes	Decommissioning Plan Report.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mandatory for all but Class 2 Wind Facility.	<input type="checkbox"/>
Yes	Construction Plan Report.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mandatory for all but Class 2 Wind Facility.	<input type="checkbox"/>
Yes	Consultation Report.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mandatory for all but Class 2 Wind Facility.	<input type="checkbox"/>
	Development Permit under the <i>Niagara Escarpment Planning and Development Act</i> .	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Mandatory where permit required by NEC.	<input type="checkbox"/>
Yes	A copy of this application has been sent to the Ministry local district office(s).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Always Mandatory	<input type="checkbox"/>
	Report(s) that sets out a description of and rationale for the proposed change or alteration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Mandatory for Amendment to REA applications.	<input type="checkbox"/>
	Document(s) required under Part IV the Regulation to be submitted as part of the application (list below).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/>
	Document(s) required for the purposes of obtaining an exemption from a provision of Part V of the Regulation (list below).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/>

Other Information Submitted in Support of the Application for the issue of a new, or amendment to an existing, Renewable Energy Approval, including any document that is required under Part IV of the Regulation and/or for the purposes of obtaining an exemption from a provision of Part V of the Regulation.

Title	Reference	Confidential*
Acoustic Assessment Report		<input type="checkbox"/>
Stage 1 and 2 Archaeological Assessment		<input type="checkbox"/>
REA Checklist: Consideration of Potential for	Heritage Resources	<input type="checkbox"/>
Natural Heritage Assessment and Environmental	Impact Study	<input type="checkbox"/>
Water Assessment and Water Body Report		<input type="checkbox"/>
Project Summary Report		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>

Are you attaching an additional list of documents? Yes No

If there is not enough space to list all of the attached documents included in this application package, please include an additional listing of these attachments.

*Note: The collection of personal information in this application is necessary to administer the Ministry's approvals program, which is authorized pursuant to the *Environmental Protection Act*. The personal information collected in this application will be used to administer the program, including for the purposes of the Ministry's compliance and enforcement activities under the aforementioned acts, and for the purposes of making information in respect of the Renewable Energy Approval available to the public with the exception of payment information. Questions about the collection of the information can be directed to a Client Service Representative, Environmental Approvals Access and Service Integration Branch, 135 St. Clair Avenue West, 1st Floor, Toronto Ontario M4V 1P5; Telephone outside Toronto 1 800 461-6290 or in Toronto 416 314-8001 or Fax 416 314-8452.



Renewable Energy Approval Application Payment Information

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	\$		

- Note:**
- All fees should be paid in Canadian funds, payable to the Ontario Minister of Finance.
 - Credit card payments are accepted for payments under \$10,000 only.
 - This page can only be mailed or faxed to our office with this application. For the protection of your credit card information, do not submit by email.
 - If you are paying by certified cheque or money order, please staple your payment to this page.
 - Do not include this page in the copies of your application that are being provided to the local MOE District Office or the local municipality(s).
 - The information collected in this section of the form is considered confidential and will only be used to process your application fee.

Amount enclosed

\$ 14,767.39

Method of Payment

- Certified Cheque
- Money Order
- Visa
- MasterCard

Name on Card (please print)

Credit Card Number

Expiry Date (mm/yyyy)

Cardholder Signature

Date (yyyy/mm/dd)

DETACH FROM CHECK AND KEEP FOR YOUR RECORDS