

**Cochrane Solar Farm** 

April 22, 2014

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

Attention: Mr. Vic Schroter, Director, EPA Section 47.5

## Re: Cochrane Solar Farm Project Renewable Energy Approval (REA) #1290-9A4KSE - Amendment

Please find attached, an amendment application for the Northland Power Cochrane Solar Farm Project REA #1290-9A4KSE.

The amendment request is to have the Ministry of the Environment "accept and add into our REA approval" two Archaeological Assessment reports.

The first Archaeological Assessment report is designated Project Information Number P052-466-2013, dated January 14, 2014. This assessment report is related mainly to archaeologically clearing the previously difficult to reach areas of the Project site. These areas are within the original REA project boundary and the MNR also considered these areas as part of their original Natural Heritage Assessment. There is one small segment of land (a triangle approximately 40 m x 40 m x 55 m) which is being assessed by the MNR, as the land is needed to ensure that the collector line crossing is legal at a property corner.

The second Archaeological Assessment report is designated Project Information Number P052-453-2013, dated September 16, 2013. This includes an assessment of lands at the interconnection point with the HONI grid, which is approximately 20 km west of the Project site. These lands were already included in the original REA application and the original MNR Natural Heritage Assessment, but were not fully examined originally by the consultant archaeologist. This report has also been submitted as part of another REA amendment application ( Long Lake REA #8430-9AEQ6M, MOE Reference number 1001-9FBT7P) and is being included here for completeness of this stand-alone REA permit.

Please find attached to this cover letter, an amendment cover letter/report (modification document) on Hatch letterhead dated April 16, 2014.

The fee amount of \$300 is to be charged to the credit card number on the next page.

A copy of this amendment application has been couriered to the MOE, Timmins District Office, as well.

Should you have any questions about the attached documents, please feel free to contact me at 416 662 1437.

Yours truly,

han

Jim Mulvale Manager EH&S Northland Power Inc. Jim.mulvale@northlandpower.ca

Cc: MOE Timmins, Attn: Lianne Kentish

Attach: Hatch Cover Letter Report/Modifications Document which includes Renewable Energy Approval Amendment Application Form



# Application for Approval of a Renewable Energy Project

Ce formulaire est disponible en français

Form Version 1.1

### General Information and Instructions

### <u>General</u>

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.
- 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
  - are to be submitted as part of the application for the purposes of obtaining an exemption from a provision of Part V; and
     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

- 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 <u>REAeSubmission@ontario.ca</u>. 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.

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.



# Application for Approval of a Renewable Energy Project

Ce formulaire est disponible en français

 For Office Use Only

 Reference Number
 Date (y/m/d)
 Initials

Form ID: 2077667

## **Application Summary**

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

Cochrane 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 facility is a 30 MW solar generating facility, located in the Town of Cochrane and the unorganized townships of Calder and Clute. The project will generate electricity using photo-voltaic panels mounted on fixed racking structures. Electricity generated by the solar photo-voltaic panels will be converted from direct current to alternating current by an inverter, and increased to 27.6 kV by the inverter house transformer, and subsequently stepped up (via the substation transformer) to 115 kV prior to being connected to the Project's transmission line. An approximately 20 km transmission line will be constructed from the facility location, progressing west to the connecting point with the HONI electricity grid. Other project components include access roads, a control building and site fencing.

	Required Information	Completed (yes or no)
$\checkmark$	Project Name & Description	Yes
$\checkmark$	Section 1: Applicant Information	Yes
$\checkmark$	Section 2: Project Information	Yes
$\checkmark$	Section 3: Site Information	Yes
$\checkmark$	Section 4: Required Documents	Yes
	Application Status: FORM COMPLETE	Email Form Print Completed Form

Summary:

Type of Application	Type of Renewable Energy Generation Facility
Amendment to REA 1290-9A4KSE	Solar Photo Voltaic Class 3.
Total Maximum Name Plate Capacity	
30 MW	
Total Expected Generation Capacity	
30 MW	
30 MW	

# Section 2: Project Information

Type of Application:			
New Renewable Energy Approval	Where	e Applicable provide Existing Renewable	e Energy Approval Number:
Amendment to Renewable Energy	Approval 1290	D-9A4KSE	
Application Initiated by:	- and the second se		
Proponent Environment and Approva	al Assessment Provinci Is Branch Provinci	al Officer Order (attach copy)	er (specify):
Current Certificate(s) of Approval (please a Certificate of Approval Number	ttach a separate list if more space is Date of Issue (yyyy/mm/dd)	required) 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 (please at	ach a separate list if more space is r	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)
2014/01/01		2014/12/31	
<ul> <li>Statement of Project Technical</li> <li>s the Project Technical Information Contac</li> <li>I, the undersigned hereby declare that, i</li> <li>The information contained herein an</li> </ul>	t the same as the Applicant (ide to the best of my knowledge: d the information submitted in s	upport of this application (electronically	No
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## Section 3: Site Information

Same as Applican	t Physical Address?	Yes 🔀 No (If no, p	please provide site address inform	nation below)	
Civic Address- Str	eet information (includ	les street number, name, type and dir	rection)	Unit	ldentifier (i.e. apartment numb
n/a					
Survey Address		Lot	Conc.	Part	Reference Plan
(Legal description of	the site)	Part Lots 14 & 15, 16, 17 &18	8, 7	n/a	n/a
Municipality / Unor		County/District		Postal Code	
Township of		District of cocl		P0L 1C0	
		ect spans many locations or a large ru			
Concession 8 and is appr	8 which is app oximately 82.3	nree different propertie roximately 97.95 ha, t 3 ha and the Empire p land. The total amoun	he Martin's Meadov property is at Part Lo	vs property is o ots 17 & 18 Cor	n Lot 16, Concessi
Map Datum	Zone	Geo Reference Accuracy Estimate	e (southwest corner of property) Geo Referencing Metho	od UTM Easting	UTM Northing
NAD83	17	+/- 10 m	GIS mapping	478606.78	5442486.57
2 Municipal	1				
		formation - (List all municipal o			
Name of Municipality /	Unorganized Townsr	hip (Include each Single Tier or Lowe Address	er Tier in which the project location	n is situated. Attach a sep Phone	earate list if more space is neces
Town of Coch		171 4th Aven	10		C 1
Clerk's Name		Clerk's Phone/Fax		(705)272-430 E-Mail Address	
Jean Pierre C	Vuollotto	(705)272-6068	2	1	
					)town.cochrane.on.c
List all Upper Tier Mul	on situated in one or r nicipalities that the project	more Upper Tier Municipality? (i.e ct location is situated in. Attach a sep	e., county, regional or district mu arate list if more space is necess	nicipality.) Yes	s No
Name of Municipali		Address	e.	Phone	
Clerk's Name		Clerk's Phone/Fax		E-Mail Address	
Is the project locatic List all Local Roads Ar Name of local roads		Roads Area? tion is situated in. Attach a separate l Address	list if more space is necessary	Phone Yes	s 🗌 No
	ise Local Road	1	, Cochrane, On	(705)272-662	26
Secretary-treasurer		Secretary-treasurer		E-Mail Address	20
Denis Lalande		(705)272-6626		1	abotmoil 2017
- 5.V - 7.C 32.C - W	n în a Local Service I	Board area?			@hotmail.com 
Name of Local Serv		Address	ate list if more space is necessary		·
	ice Board	Address		Phone	
		Address	Cochrane, On		

(705)272-6068

**Richard Vallee** 

richard.vallee@town.cochrane.on.ca

### Section 4: Required Documents – Table 1 of the Regulation

Mandatory	Attachment	Atta	ched	Reference	Confidential
Yes	Proof of Legal Name of Applicant	Yes	X No	previously submitted with original application	
Yes	A map that identifies the project location.	Yes	X No	previously submitted with original application	
	Name, Address and Phone Number of the Operating Authority	Yes	🔀 No		
Yes	Name, Address and consent of land/site owner for the installation/construction and operation of the facility	Yes	No No	previously submitted with original application	
Yes	Project Description Report	Yes	🗙 No	previously submitted with original application	· □
Yes	Design and Operations Report	Yes	🗙 No	previously submitted with original application	
Yes	Decommissioning Plan Report	Yes	🗙 No	previously submitted with original application	
Yes	Construction Plan Report	Yes	🗙 No	previously submitted with original application	
Yes	Consultation Report	Yes	X No	previously submitted with original application	
	Development Permit under the Niagara Escarpment Planning and Development Act	Yes	X No		
Yes	A copy of this application has been sent to the local district office(s)	🗙 Yes	No No		
Other Inform	nation Submitted in Support of the Application for a l	Renewable	Energy Proje	ect	
Title		Referen	ce		Confidential
Proposed Te	chnical Changes Letter (to A.Garcia-Wright) from Hatc	Dated A	pril 16, 20	14	
Stage 1 and 2	Archaeological Assessment for Northland Power - Empire Sit	January	17, 2014		
Stage 1 and 2 Arci	haeological Assessment for Long Lake Solar Project - Solar Switching Static	□ Septem	ber 16, 20 <sup>-</sup>	13	
	-			10	
Are you atta	aching an additional list of attachments?	If there	s not enoug	h space to list all of the attachments included in this p please include an additional listing of these	-

\*Please note: the release of information contained in application forms and documentation submitted in support of applications for approval is subject to the provisions of the Freedom of Information and Protection of Privacy Act. This Act defines what may and may not be disclosed to the public, and is used to assess all requests for information contained in the documents on file with an application for approval. The information submitted with an application for approval may also be subject to the Environmental Bill of Rights. In those situations, the application and the associated non-confidential supporting documentation is made available for review by members of the public. The applicants should therefore identify all documents or portions of documents as noted above which are to be considered confidential and must provide detailed evidence in support of this claim. This evidence will be one of the factors the ministry would consider when making a decision regarding disclosure of specific documents on file.



	n - (information about the site/location where p	project will be located) MOE District Office
Site Name		Sudbury District Office
Cochrane Sola	Project	
Is in any portion of the	Project location on federally owned land or a r	reserve?
🗌 Yes 🛛	No	
Is in any portion of the	Project location on Crown Land?	
X Yes	No	,
Is the Project location	that is the subject of this application owned by	the Applicant?
🗌 Yes 🛛	No If no, please attach the owner's name, a	address and a signed letter granting consent for the installation and operation of the faci
Is the Applicant the op	perating authority of the facility that is the subject	ct of this application?
X Yes	] No If no, please attach the operating autho	ority name, address and phone number
Is the Project location	in the area of the Niagara Escarpment Plan?	
Yes 🛛	No	
Is the Project location	in the area subject to the Oak Ridges Moraine	Conservation Plan?
🗌 Yes 🛛	No	
Is the Project location	in the Protected Countryside as shown in Sche	edule 1 to the Greenbelt Belt Plan?
Yes 🛛	No	
Is the Project location	in the Lake Simcoe Watershed as defined in the	he Lake Simcoe Protection Act, 2008?
🗌 Yes 🛛	No	
Is the Project location	in the Central Pickering Development Planning	g Area as shown in Schedule 1 to the Central Pickering Development Plan?
Yes 🕅		
Has an Archaeologica	al Report (s. 22) been prepared as part of the co	omplete submission?
X Yes	] No	
Has a Heritage Repor	t (s.23) been prepared as part of the complete	submission?
Yes 🗵		
Has an Environmenta	I Impact Study Report (s.38, s. 41 or s. 43) bee	en prepared as part of the complete submission?
X Yes	] No	
	port (s.39, s. 40, s.44 s. 45) been prepared as	part of the complete submission?
Yes		Present and Pres
	1 110	

Form ID: 2077667

List all other environmental app	rovals/permits app	lied for relate	d to this proje	ct or received in	relation to t	his project				_
Approval Number	Approval Date (yyyy/mm/dd)	Approval N	imber		oval Date /mm/dd)	Approval Number	A. 1. 2		oval Dat (mm/dd)	te
WP-2013-0014	2014/01/28									
MNR Letter of Authority	2014/01/27					1 C				
Land Use Permit #1424-1003178	2014/01/28				×					
Ontario Power Authority (OPA) Registration ID (if applicable)				Ontario Pov	ver Authority	(OPA) Reference Nun	nber (if appli	cable)		
				FIT-FAC	DLBAO (A	Abitibi) FIT-FQJ	)FUC (En	n <b>pire</b> )	FIT-F	FMS
						1 N	(Martin's			
			9							
2.4 Type of Renewable Energy Generation Facility (select all that apply)										
Wind Facility	Biofuel / Biogas /	Other	Anaerobic D	Digestion Facility	Therma	I Treatment Facility	Solar Pho	to Volt	aic Fac	cility
							X CI			

	D Biolder			
Class 3	Biogas	Class 2	Class 2	
Class 4	Other	Class 3	Class 3	
Class 5	If other, please describ	e:		
<b>h</b>				

	Total Expected Generation Capacity	
/ (1 MW = 1000 kW / 1 kW = 0.001 MW)	30	MW (1 MW = 1000 kW / 1 kW = 0.001 MW)
New york with the state		한 전 바이 승규님께서 가격 가슴 가슴이다.
	(1 MW = 1000 kW / 1 kW = 0.001 MW)	

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# Section 1: Applicant Information

1.1 Applicant Information (Owner							
Applicant Name (legal name of individual	•			Business Identification Numb			
Northland Power Solar Abitibi L.P., No	orthland Power Solar En	npire L.P., Northland Power					
Business Name (the name under which the	he entity is operating or tradi	ing - also referred to as trade na	me) 🔀 s	same as Applicant Name			
Northland Power Solar Abitibi	L.P., Northland Po	wer Solar Empire L.P	., Northland Power So	olar Martin's Meadows L.P.			
Applicant Type:		North American I	Industry Classification Syste	em (NAICS) Code			
	ederal Government /lunicipal Government	221119	Other Electric Power Genera	ation			
Partnership Provincial Government							
Sole Proprietor Other (describe):							
Business Activity Description (a descrip	ntion of the business endeavo	our, this may include products so	old, services provided or machir	nery/equipment used, etc.)			
Northland Power specializ	zes in the develo	pment and operation	on of renewable en	ergy generating facilitie			
1.2 Applicant Physical Address							
Civic Address- Street information (inclu	ides street number, name, ty	vpe and direction)		Unit Identifier (i.e. apartment number)			
30 St. Clair Avenue West				17 th Floor			
Survey Address (Not required if Street Information is provide	Lot	Conc.	Part	Reference Plan			
Municipality /Unorganized Township	County/District	Province/State	Country	Postal Code			
Toronto Telephone Number (include area code &	ext.) Fax Number (inclu	Ontario ude area code) Mobile	Canada Number (include area code)	E-mail Address			
	(416)962-62	ude area code) Mobile	Number (include area code)				
Telephone Number (include area code & (416)962-6262         ext. <b>1.3 Applicant Mailing Address</b> Same as Applicant Physical Address?         Civic Address - Street information (civic)	(416)962-62	ude area code) Mobile 66 No (If no, please provide site ad	Number (include area code)	E-mail Address jim.mulvale@northlandpowe Unit Identifier (i.e. apartment numbe			
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