
AMENDMENT TO RENEWABLE ENERGY APPROVALNUMBER 4324-96UL4W
Issue Date: July 31, 2014

2241656 Ontario Corp. operating as GoodLight LP
545 Speedvale Avenue West
Guelph, Ontario
N1K 1E6

Site Location: 1175 and 2002 Sandringham Road
Part of Lot 20, Concession 5 Sandringham Rd and Part of Lot 2
Kawartha Lakes City,
K0M 2T0

You are hereby notified that I have amended Approval No. 4324-96UL4W issued on June 13, 2013 for a Class 3 solar project , as follows:

A. The definitions of "Acoustic Assessment Report" and "Application" of the Approval are deleted and replaced by the following:

1. "Acoustic Assessment Report" means the report included in the Application and entitled "Revised Final Noise Study Report", prepared by Dillon Consulting Limited, dated December 2013 and signed by Amir A. Iravani;
10. "Application" means the application for a Renewable Energy Approval dated August 24, 2012, and signed by Colin Parkin, General Manager, Goodlight LP and all supporting documentation submitted with the application, including amended documentation submitted up to May 3, 2013; and as further amended by the application for a Renewable Energy Approval dated August 16, 2013, and signed by Colin Parkin, General Manager, Goodlight LP and all supporting documentation submitted with the application up to April 4, 2014; and as further amended by the application for a Renewable Energy Approval dated December 18, 2013, and signed by Ken Rowbotham, Director, 2241656 Ontario Corp. operating as GoodLight LP and all supporting documentation submitted with the application up to July 9, 2014.

B. Schedule A of the Approval is deleted and replaced by the following:

SCHEDULE A

Facility Description

The Facility shall consist of the construction, installation, operation, use and retiring of the following:

- (a) 7 arrays of photovoltaic (PV) modules or panels with a total name plate capacity of up to approximately ten (10) megawatts (AC), with each array containing one (1) cluster consisting of two (2) 800 kilowatts (KW) inverters with a total rating of 1.6 megawatts (MW); one (1) 1.6-megavolt ampere (MVA) transformer; and
- (b) associated ancillary equipment, systems and technologies including but not limited to, one (1) transformer substation, on-site access roads, below and above grade cabling, and above grade distribution and transmission lines,

all in accordance with the Application.

C. Schedule B of the Approval is deleted and replaced by the following:

SCHEDULE B

Coordinates of the Equipment and Noise Specifications

Coordinates of the Equipment are listed below in UTM, Z17-NAD83 projection

Table B1: Coordinates and Maximum Sound Power Level of Inverters, Transformers and Transformer Substation

Source ID	Maximum Sound Power Level (dBA)	Easting (m)	Northing (m)	Source Description
TRS	92	659,620	4,930,668	10 megavolt ampere transformer substation - see Table B2 below
INV1	100.3	659,934	4,930,708	2 x 800 kilowatt inverter in an acoustic enclosure - see Table B3 below
INV2	100.3	659,724	4,930,601	2 x 800 kilowatt inverter in an acoustic enclosure - see Table B3 below
INV3	100.3	659,441	4,930,371	2 x 800 kilowatt inverter in an acoustic enclosure - see Table B3 below
INV4	100.3	659,257	4,930,326	2 x 800 kilowatt inverter in an acoustic enclosure - see Table B3 below
INV5	100.3	659,066	4,930,348	2 x 800 kilowatt inverter in an acoustic enclosure - see Table B3 below
INV6	100.3	659,098	4,930,479	2 x 800 kilowatt inverter in an acoustic enclosure - see Table B3 below
INV7	100.3	659,398	4,930,640	2 x 800 kilowatt inverter in an acoustic enclosure - see Table B3 below
INVTR1	85.7	659,941	4,930,708	1.6 megavolt ampere transformer - see Table B4 below
INVTR2	85.7	659,731	4,930,601	1.6 megavolt ampere transformer - see Table B4 below
INVTR3	85.7	659,447	4,930,371	1.6 megavolt ampere transformer - see Table B4 below
INVTR4	85.7	659,264	4,930,326	1.6 megavolt ampere transformer - see Table B4 below
INVTR5	85.7	659,072	4,930,348	1.6 megavolt ampere transformer - see Table B4 below
INVTR6	85.7	659,105	4,930,479	1.6 megavolt ampere transformer - see Table B4 below
INVTR7	85.7	659,392	4,930,640	1.6 megavolt ampere transformer - see Table B4 below

Table B2: Maximum Sound Power Spectrum (dB Lin) of 10 megavolt ampere Transformer Substation

10 megavolt ampere Transformer Substation	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	94.6	96.6	91.6	91.6	85.6	80.6	75.6	68.6

Table B3 : Maximum Sound Power Spectrum (dB Lin) of 800 kilowatt Inverter

800 kilowatt Inverter	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	89.1	86.7	88.2	88.3	82.7	86.4	95	84.4

Table B4: Maximum Sound Power Spectrum (dB Lin) of 1.6 megavolt ampere Transformer

1.6 megavolt ampere Transformer	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	105.9	97.8	85.3	79.9	70.7	64.5	59.7	54.8

Note: The Inverters, Transformers and Transformer Substation Sound Power Level values in the above tables include the 5 decibel (dB) adjustment for tonality as prescribed in Publication NPC-104.

D. Schedule C of the Approval is deleted and replaced by the following:

SCHEDULE C

Noise Control Measures

Acoustic Enclosure

In accordance with Section 6.4 of the Acoustic Assessment Report, the inverters in clusters 1, 2, 3 and 7 will be encased in an acoustic enclosure fitted with acoustic ventilation louvres capable of providing the following values of Transmission Loss (TL) in 1/1 octave band centre frequencies:

Acoustic Enclosure Specifications, [dB]

Acoustic Enclosure Inverter Clusters 1, 2, 3 & 7	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
TL (dB Lin)	--	13	12	17	25	36	25	--

All other Terms and Conditions of the Approval remain the same.

This Notice shall constitute part of the approval issued under Approval No. 4324-96UL4W dated June 13, 2013

In accordance with Section 139 of the Environmental Protection Act, within 15 days after the service of this notice, you may by further written notice served upon the Director, the Environmental Review Tribunal and the Environmental Commissioner, require a hearing by the Tribunal.

In accordance with Section 47 of the Environmental Bill of Rights, 1993, the Environmental Commissioner will place notice of your request for a hearing on the Environmental Registry.

Section 142 of the Environmental Protection Act provides that the notice requiring the hearing shall state:

1. The portions of the renewable energy approval or each term or condition in the renewable energy approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The signed and dated notice requiring the hearing should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The renewable energy approval number;
6. The date of the renewable energy approval;
7. The name of the Director;
8. The municipality or municipalities within which the project is to be engaged in;

This notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Environmental Commissioner
1075 Bay Street, 6th Floor
Suite 605
Toronto, Ontario
M5S 2B1

AND


The Director
Section 47.5, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

Under Section 142.1 of the Environmental Protection Act, residents of Ontario may require a hearing by the Environmental Review Tribunal within 15 days after the day on which notice of this decision is published in the Environmental Registry. By accessing the Environmental Registry at www.ebr.gov.on.ca, you can determine when this period ends.

Approval for the above noted renewable energy project is issued to you under Section 47.5 of the Environmental Protection Act subject to the terms and conditions outlined above.

DATED AT TORONTO this 31st day of July, 2014



Vic Schroter, P.Eng.
Director
Section 47.5, *Environmental Protection Act*

MK/

c: District Manager, MOE Peterborough
Grace Pasceri, Canadian Solar Solutions Inc.