

AMENDMENT TO RENEWABLE ENERGY APPROVALNUMBER 3068-93AP8E
Issue Date: March 7, 2014

CSI Solar Project 16 Inc., operating as Little Creek LP
545 Speedvale Avenue West
Guelph, Ontario N1K 1E6

Site Location: Little Creek Solar
Canadian Solar Solutions
Part of Lots 14 and 15, Concession 4 and 5
Greater Napanee Town, County of Lennox and Addington
K7R 3K8

You are hereby notified that I have amended Approval No. 3068-93AP8E issued on January 25, 2013 for Little Creek Solar, a Class 3 solar project, as follows:

A. The definition of "Acoustic Assessment Report" on page 1 of the Approval is deleted and replaced by the following:

1. "Acoustic Assessment Report" means the report included in the Application and entitled "Revised Noise Study Report" prepared by Dillon Consulting Limited, dated February 2014 and signed by Amir A. Iravani;

B. The definition of "Application" in the Approval is deleted and replaced by the following:

7. "Application" means the application for a Renewable Energy Approval dated May 7, 2012, and signed by Kerry Adler, President & CEO, SkyPower Limited, and all supporting documentation submitted with the application, including amended documentation submitted up to January 25, 2013; and further documentation supporting the decision of the Environmental Review Tribunal dismissing an appeal of this Approval (ERT Case File Nos. 13-009/13-010/13-011), and the amendment application dated May 17, 2013 and signed by Colin Parkin, General Manager, on behalf of Little Creek LP, and all supporting documentation submitted with the application, including amended documentation submitted up to July 31, 2013; and as further amended by the application for a Renewable Energy Approval dated October 22, 2013 and signed by Ken Rowbotham, Director, CSI Solar Project 16 Inc., on behalf of Little Creek LP, and all supporting documentation submitted with the application, including amended documentation submitted up to March 3, 2014;

C. Schedule A on page 14 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) 11 arrays of photovoltaic (PV) modules or panels with a total name plate capacity of up to approximately 8.49 (MW) megawatts (AC), with each array containing one (1) cluster consisting of one or more inverters with a total rating of 1.6 megawatts (MW) for inverter clusters 1 and 3 to 6; 0.8 megawatts (MW) for inverter cluster 2; five (5) 1.6-megavolt ampere (MVA) transformers for inverter clusters 1 and 3 to 6; and one (1) 0.8-megavolt ampere (MVA) transformer for inverter cluster 2; and
- (b) associated ancillary equipment, systems and technologies including one (1) transformer substation; on-site access roads; underground cabling and overhead distribution lines,

all in accordance with the Application.

D. 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, **Z18-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	85.9	346,175	4,896,339	10 megavolt ampere transformer substation - see Table B2 below
INV1	100.3	346,272	4,896,894	Two (2) 800 kilowatt inverters in an acoustic enclosure - see Table B3 below
INV2	97.3	346,353	4,896,779	One (1) 800 kilowatt inverter in an acoustic enclosure - see Table B3 below
INV3	100.3	346,401	4,896,687	Two (2) 800 kilowatt inverters in an acoustic enclosure - see Table B3 below
INV4	100.3	346,250	4,896,610	Two (2) 800 kilowatt inverters in an acoustic enclosure - see Table B3 below
INV5	100.3	345,970	4,896,696	Two (2) 800 kilowatt inverters in an acoustic enclosure with acoustic louvres - see Table B3 below
INV6	100.3	346,073	4,896,539	Two (2) 800 kilowatt inverters in an acoustic enclosure with acoustic louvres - see Table B3 below
INVTR1	85.7	346,277	4,896,894	One (1) 1.6 megavolt ampere transformer - see Table B4 below
INVTR2	82.1	346,357	4,896,779	One (1) 0.8 megavolt ampere transformer - see Table B4 below
INVTR3	85.7	346,405	4,896,687	One (1) 1.6 megavolt ampere transformer - see Table B5 below
INVTR4	85.7	346,255	4,896,610	One (1) 1.6 megavolt ampere transformer - see Table B4 below
INVTR5	85.7	345,974	4,896,696	One (1) 1.6 megavolt ampere transformer - see Table B4 below
INVTR6	85.7	346,078	4,896,539	One (1) 1.6 megavolt ampere transformer - see Table B4 below

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

	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	62.3	74.4	76.9	82.3	79.5	75.7	70.5	61.4

Table B3 : Maximum Sound Power Spectrum (dB Lin) of one (1) 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 one (1) 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

Table B5: Maximum Sound Power Spectrum (dB Lin) of one (1) 0.8 megavolt ampere Transformer

	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Lw (dB Lin)	102.3	94.2	81.7	76.3	67.1	60.9	56.1	51.2

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.

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

SCHEDULE C

Noise Control Measures

Acoustic Enclosure

Two (2) acoustic enclosures enclosing inverter clusters 5 and 6. The openings of the acoustic enclosures will be fitted with acoustic louvers, capable of providing the following values of Transmission Loss (TL) in 1/1 octave band centre frequencies:

Acoustic Louvre Specifications, [dB]

Name	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Acoustic Louvre Inverter Clusters 5 and 6	--	4	4	6	10	17	12	--

The inverter cluster acoustic enclosure is made of 1.27 mm thick steel and it has three (3) louvered openings.

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

This Notice shall constitute part of the approval issued under Approval No. 3068-93AP8E dated January 25, 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 7th day of March, 2014



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

MK/

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