Ontario

Ministry of the Environment
Ministère de l'Environnement

AMENDMENT TO RENEWABLE ENERGY APPROVAL

NUMBER 2014-8SNR4L
Issue Date: May 3, 2013

RE Smiths Falls 1 ULC
300 California St 8th Floor
San Francisco, California
USA 94101

Site Location: 57 Eric Hutcheson Road
Lot 2-3, Concession 2
Rideau Lakes Township, United Counties of Leeds and Grenville
K7A 4F5

You are hereby notified that I have amended Certificate of Approval No. 2014-8SNR4L issued on May 25, 2012 for the RE Smiths Falls 1 solar project , as follows:

Facility description is deleted and replaced with:

- the construction, installation, operation, use and retiring of a Class 3 solar facility with a total name plate capacity of up to approximately 6 megawatts AC.

Definition 1 is deleted and replaced with:

"Acoustic Assessment Report" means the report included in the Application and entitled "Noise Assessment Study Report-RE Smiths Falls 1 Solar Project, Rev.6", dated February 1, 2013, prepared by Hatch Limited and signed by Oleg Belashov, P.Eng.;

Definition 7 is deleted and replaced with:

"Application" means the application for a Renewable Energy Approval dated July 8, 2011 and signed by Sheldon Kimber, Senior Vice President North America Development, RE Smiths Falls 1 ULC, and as further amended by the application for an amendment to a Renewable Energy Approval dated February 7, 2013, signed by Sheldon Kimber, Senior Vice President North America Development, RE Smiths Falls 1 ULC, and all supporting documentation submitted with the application up to the date this amendment is issued;

Definition 18 is deleted and replaced with:

"Equipment" means the one (1) pad-mounted 1 Megavolt ampere (MVA) three-phase, liquid filled transformer and two (2) 500 kilowatt inverters within each one (1) megawatt PV array, the one (1) pad-mounted 1.5 Megavolt ampere (MVA) three-phase, liquid filled transformer and three (3) 500 kilowatt inverters within each one and a half (1.5) megawatt PV array, and one (1) transformer substation, identified in this Approval and as further described in the Application, to the extent approved by this Approval;

SCHEDULE A is deleted and replaced with:

SCHEDULE A
Facility Description

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

(a) Three (3) inverter clusters, each containing two (2) 500 kilowatt inverters and one (1) 27.6 kilovolt transformer with a total name plate capacity of up to approximately 3 megawatts (AC);

(b) Two (2) inverter clusters, each containing three (3) 500 kilowatt inverters and one (1) 27.6 kilovolt transformer with a total name plate capacity of up to approximately 3 megawatts (AC); and

(c) associated ancillary equipment, systems and technologies including one (1) 44 kilovolt transformer substation, on-site access roads, underground cabling and overhead distribution lines.

all in accordance with the Application.

SCHEDULE B is deleted and replaced with:

SCHEDULE B
Coordinates of the Equipment

Coordinates of the Equipment are listed below in UTM z17-NAD83 projection:

Source ID	Sound Power Level (dBA)	Easting (m)	Northing (m)	Source Description
SF1_Sub	89.5	421,061.3	4,969,122.2	44-kV/6-MVA Transformer Substation
SF1_Inv01	91.7	420,546.7	4,969,633.2	Two (2) 500 kW inverters in cluster 1
SF1_Inv02	93.5	420,563.7	4,969,443.8	Three (3) 500 kW inverters in cluster 2
SF1_Inv03	91.7	420,940.8	4,969,201.8	Two (2) 500 kW inverters in cluster 3
SF1_Inv04	93.5	420,938.4	4,969,029.8	Three (3) 500 kW inverters in cluster 4
SF1_Inv05	91.7	420,988.2	4,968,874.2	Two (2) 500 kW inverters in cluster 5
SF1_Trans01	77	420,551.3	4,969,632.6	27.6-kV/1-MVA transformer in cluster 1
SF1_Trans02	79	420,570.7	4,969,443.7	27.6-kV/1.5-MVA transformer in cluster 2
SF1_Trans0	77	420,945.3	4,969,201.2	27.6-kV/1-MVA

3				transformer in cluster 3
SF1_Trans04	79	420,945.4	4,969,029.7	27.6-kV/1.5-MVA transformer in cluster 4
SF1_Trans05	77	420,992.8	4,968,873.6	27.6-kV/1-MVA transformer in cluster 5

Note: The inverter, inverter transformer and transformer substation Sound Power Level values in the above table include the 5 Decibel adjustment for tonality as prescribed in Publication NPC-104.

SCHEDULE C is deleted and replaced with:

SCHEDULE C
Noise Control Measures

Acoustic Enclosures

Five (5) acoustic enclosures enclosing inverter clusters 1 to 5. The acoustic enclosures will be capable of providing the following values of noise reduction in 1/1 octave band centre frequencies:

Inverter Enclosure Clusters 1 to 5	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Noise Reduction (Decibel)	1	3	6	8	8	6	6	6

This Notice shall constitute part of the approval issued under Certificate of Approval No. 2014-8SNR4L dated May 25, 2012

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

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

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

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

AND

The Director
Section 9, *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) 212-6349, Fax: (416) 314-3717 or www.ert.gov.on.ca**

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 3rd day of May, 2013

Ian Parrott, P.Eng.
Director
Section 47.5, *Environmental Protection Act*

SM/
c: District Manager, MOE Kingston - District
Noel Boucher, Hatch