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Ministry of the Environment, Conservation and Parks
Ministère de l'Environnement, de la Protection de la nature et des Parcs

AMENDMENT TO RENEWABLE ENERGY APPROVAL
NUMBER 6914-9L5JBB
Issue Date: August 16, 2019

Cedar Point II GP Inc., as general partner for and on behalf of Cedar Point II
Limited Partnership
390 Bay St, No. 1720
Toronto, Ontario
M5H 2Y2

Site Location: Cedar Point Wind Power Project
5767 Cedar Point Line
Southwest corner of Cedar Point Line and Fuller Road
Municipality of Lambton Shores, County of Lambton

You are hereby notified that I have amended Approval No. 6914-9L5JBB issued on August 22, 2014 for a Class 4 wind facility , as follows:

A. The definitions of “Acoustic Assessment Report”. “Application” and “Equipment” are deleted and replaced with the following:

1. “Acoustic Assessment Report” means the report included in the Application and entitled "Noise Assessment Report-Cedar Point Wind Power Project", dated May 20, 2014, prepared by HGC Engineering and signed by Ian R. Bonsma P.Eng. and Brian Howe P.Eng., and "Parkhill Interconnect-Noise Impact Assessment", dated April 2, 2013, prepared by GL Garrad Hassan Canada Inc. and signed by Aren Nercessian;

11. "Application" means the application for a Renewable Energy Approval dated April 12, 2013, and signed by Christopher Scott, Project Developer, Suncor Energy Products Inc., and all supporting documentation submitted with the application, including amended documentation submitted up to August 22, 2014; and as further amended by the application for an amendment to a Renewable Energy Approval dated July 14, 2015, and signed by James Provias, Chairman, Cedar Point II GP Inc., as general partner for and on behalf of Cedar Point II Limited Partnership, and all supporting documentation submitted with the application, including amended documentation submitted up to August 4, 2015; and as further amended by the application for an amendment to a Renewable Energy Approval dated July 16, 2015, and signed by James Provias, Chairman, Cedar Point II GP Inc., as general partner for and on behalf of Cedar Point II Limited Partnership, and all supporting documentation submitted with the application, including amended documentation submitted up to August 20, 2015; and as further amended by the application for an amendment to a Renewable Energy Approval dated May 16, 2016, and signed by James Provias, Chairman, Cedar Point II GP Inc., as general partner for and on behalf of Cedar Point II Limited Partnership, and all supporting documentation submitted with the application, including amended

documentation submitted up to July 11, 2016; and as further amended by the application for an amendment to a Renewable Energy Approval dated February 23, 2017, and signed by F. Allen Wiley, Cedar Point II GP Inc., as general partner for and on behalf of Cedar Point II Limited Partnership, and all supporting documentation submitted with the application, including amended documentation submitted up to May 2, 2017; and as further amended by the application for an amendment to a Renewable Energy Approval dated May 9, 2019, and signed by Michael Sheehan, VP Business Management, Cedar Point II Limited Partnership, and all supporting documentation submitted with the application, including amended documentation submitted up to August 2, 2019;

23. "Equipment" means the maximum of forty-six (46) wind turbine generators and one (1) transformer substation, and two (2) transformer substations in the Parkhill Interconnect location, identified in this Approval and as further described in the Application, to the extent approved by this Approval;

B. Schedule A is deleted and replaced as follows:

SCHEDULE A

Facility Description

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

Cedar Point II Wind Power Project:

(a) No more than forty-six (46) Siemens SWT 2.3-113 wind turbine generators, with a total maximum name plate capacity of 100 megawatts (MW), to be selected from the fifty-five (55) potential Siemens SWT 2.3-113 wind turbine generators described in Table B1 of Schedule B, and sited at the locations shown in Table B1; and

(b) Associated ancillary equipment, systems and technologies including one (1) 110 mega-volt-ampere (MVA) transformer substation, on-site access roads, underground cabling and overhead transmission lines.

Parkhill Interconnect:

(c) associated ancillary equipment, systems and technologies including two (2) 225 mega-volt-ampere (MVA) transformer substations, on-site access roads, underground cabling and overhead transmission lines,

Jericho Transmission Facilities:

(d) associated ancillary equipment, systems and technologies, including switching station, on-site access roads, underground cabling and overhead distribution lines, but does not include the 150 mega-volt-ampere (MVA) electrical transformer.

all in accordance with the Application.

C. Schedule B is deleted and replaced with the following:

SCHEDULE B

Coordinates of the Equipment and Noise Specifications

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

Table B1: Coordinates and Maximum Sound Power Levels of Wind Turbine Generators and Transformer Substation

Source ID	Maximum	Easting	Northing	Source description
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	sound power level (dBA)	(m)	(m)	
Suncor WTG1	103.0	423,325	4,779,947	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG2	103.0	423,377	4,779,347	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG4	103.0	422,879	4,778,982	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG5	103.0	423,245	4,778,344	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG6	103.0	422,802	4,778,019	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG7	103.0	421,230	4,778,183	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG8	103.0	422,865	4,777,231	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG9	103.0	422,893	4,775,653	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG10	102.0	419,153	4,777,370	Siemens SWT-2.3-113, 2.030 MW and 99.5 metres hub height
Suncor WTG11	103.0	422,661	4,775,135	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG13	103.0	419,265	4,776,572	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG14	103.0	419,035	4,775,996	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG15	103.0	420,667	4,774,508	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG16	103.0	421,160	4,774,047	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG17	104.0	419,179	4,775,153	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG18	104.0	420,545	4,773,644	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG19	103.0	418,499	4,774,532	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG20	103.0	420,881	4,773,009	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height

Table B1: Coordinates and Maximum Sound Power Levels of Wind Turbine Generators and Transformer Substation (Continued)

Source ID	Maximum sound power level (dBA)	Easting (m)	Northing (m)	Source description
Suncor WTG21	102.0	416,732	4,776,214	Siemens SWT-2.3-113, 2.030 MW and 99.5 metres hub height
Suncor WTG22	103.0	416,903	4,775,746	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG23	104.0	416,180	4,775,949	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG24	103.0	416,619	4,775,229	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG25	103.0	417,026	4,774,693	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height
Suncor WTG26	104.0	421,545	4,770,967	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG27	104.0	416,257	4,774,033	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG29	104.0	420,519	4,770,627	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG30	104.0	414,976	4,774,473	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG31	104.0	414,508	4,773,498	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG32	104.0	413,984	4,773,786	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG34	104.0	413,419	4,773,597	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG35	104.0	413,504	4,771,876	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG36	104.0	412,817	4,771,516	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG37	104.0	412,242	4,771,844	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG39	104.0	410,803	4,771,647	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG40	104.0	412,134	4,769,169	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height

Suncor WTG41	104.0	410,537	4,769,264	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG42	104.0	413,558	4,766,375	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG43	104.0	410,885	4,768,546	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG44	104.0	409,812	4,769,400	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG46	104.0	413,838	4,765,546	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG47	104.0	408,115	4,768,818	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG48	104.0	408,411	4,768,249	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG50	104.0	410,398	4,765,477	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG51	104.0	408,572	4,766,648	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG53	104.0	408,885	4,765,445	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG54	104.0	407,818	4,765,618	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG69	104.0	412,533	4,768,085	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG70	104.0	413,660	4,767,965	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG71	104.0	414,270	4,770,586	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG72	104.0	414,073	4,766,424	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG76	103.0	413,336	4,768,393	Siemens SWT-2.3-113, 2.126 MW and 99.5 metres hub height

Table B1: Coordinates and Maximum Sound Power Levels of Wind Turbine Generators and Transformer Substation (Continued)

Source ID	Maximum sound power level (dBA)	Easting (m)	Northing (m)	Source description
Suncor WTG79	104.0	411,606	4,765,300	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height

Suncor WTG80	104.0	412,204	4,765,167	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG81	104.0	413,092	4,768,868	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
Suncor WTG82	104.0	421,271	4,777,618	Siemens SWT-2.3-113, 2.221 MW and 99.5 metres hub height
TS1	103.6	416,857	4,775,052	110 MVA Transformer Substation, see Table B2
Parkhill T1	105.8	452,735	4,774,658	225 MVA Parkhill Transformer, see Table B3
Parkhill T2	105.8	452,777	4,774,648	225 MVA Parkhill Transformer, see Table B3

Note: The Maximum Sound Power Level of Source ID "TS1" includes the applicable 5 dB tonal penalty described in the Noise Guidelines for Wind Farms.

Table B2: Maximum Sound Power Spectrum (dB) of 110 MVA Transformer Substation-including 5dB tonal penalty

Transformer Substation (TS1)	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Sound Power Level (dB Lin)	106.2	108.2	103.2	103.2	97.2	92.2	87.2	80.2

Table B3: Maximum Sound Power Spectrum (dB) of 225 MVA Transformer Substation - Parkhill Interconnect including 5dB tonal penalty

Parkhill T1 Parkhill T2	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
Sound Power Level (dB)	108.4	110.4	105.4	105.4	99.4	94.4	89.4	82.4

D. Schedule C is deleted and replaced with the following:

**SCHEDULE C
Noise Control Measures**

Acoustic Barriers:

A) Cedar Point II Wind Project substation:

One (1) 25 metres long, 5.5 metres high acoustic barrier, positioned as per Figure 3 of the Acoustic Assessment Report. The acoustic barrier shall be continuous without holes, gaps and other penetrations, and having a surface mass density of at least 20 kilograms per square metres.

B) Parkhill Interconnect substation:

Two (2) 28 metres long and 5.5 metres high acoustic barriers, positioned as per Figure entitled "Noise Map" of the Acoustic Assessment Report. The acoustic barriers shall be continuous without holes, gaps and other penetrations, and having a surface mass at least 20 kilograms per square metres.

The reason for the amendment to this Approval is as follows:

To confirm joint ownership of the existing Parkhill Interconnect by Cedar Point II LP, Jericho Wind LP, Bornish Wind LP, and Kerwood Wind LP; and joint ownership of the Jericho transmission facilities by Cedar Point II LP and Jericho Wind LP; and to amend the Approval to list the Parkhill Interconnect and Jericho Transmission Facilities as part of the Facility Description.

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

This Notice shall constitute part of the approval issued under Approval No. 6914-9L5JBB dated August 22, 2014.

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 Minister of the Environment, Conservation and Parks, require a hearing by the Tribunal.

In accordance with Section 47 of the Environmental Bill of Rights, 1993, the Minister of the Environment, Conservation and Parks 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:

- a. 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;
- b. 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:

1. The name of the appellant;
2. The address of the appellant;
3. The renewable energy approval number;
4. The date of the renewable energy approval;
5. The name of the Director;
6. 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 Minister of the
Environment, Conservation
and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

AND

The Director
Section 47.5, *Environmental
Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor

*** 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) 326-5370 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 16th day of August,
2019

Mohsen Keyvani, P.Eng.
Director
Section 47.5, *Environmental
Protection Act*

SR/
c: District Manager, MECP Sarnia
Derek Dudek, NextEra Energy Canada, LP