
AMENDMENT TO RENEWABLE ENERGY APPROVALNUMBER 3069-8NQQC7
Issue Date: June 20, 2016

Saturn Power GP Ltd. as general partner for Gesner Wind Farm LP
100 Mill Street, Unit F
New Hamburg, Ontario
N3A 2K6

Site Location: Gesner Wind Energy Project
Lots 15-17 Concession III and IV
Municipality of Chatham-Kent
N7M 5K8

You are hereby notified that I have amended Approval No. 3069-8NQQC7 issued on January 19, 2012 for a Class 4 wind facility , as follows:

A. The Company name and address has been changed:

FROM: Gesner Wind Farm LP
P.O. Box 6087, 1177 Perth St
New Hamburg, Ontario
N3A 2K6

TO: Saturn Power GP Ltd. as general partner for Gesner Wind Farm LP
100 Mill Street, Unit F
New Hamburg, Ontario
N3A 2K6

B. Section (b) of the description of the Facility on page 1 of the Approval has been deleted and replaced with the following:

- (b) associated ancillary equipment, systems and technologies including a main transformer substation (10 MVA), a grounding transformer (2.4 MVA) and supporting technical equipment, distribution lines and access roads;

C. The description below Section (b) of the description of the Facility on page 1 of the Approval has been deleted.

all in accordance with the application for a Renewable Energy Approval, dated May 18, 2011 and signed by Ray Roth, General Manager/ Vice President, Saturn Power Inc., as agent of Gesner Wind Farm LP, and all supporting documentation submitted with the application including amended documentation submitted up to December 19, 2011; and as further amended by the application for an amendment to a Renewable Energy Approval dated June 6, 2015, and signed by Douglas Wagner, President, Saturn Power GP Ltd. operating as Gesner Wind Farm LP, and all supporting documentation submitted with the application, including amended documentation submitted up to May 5, 2016.

D. The definitions of "Acoustic Assessment Report", "Acoustic Audit - Emission", "Acoustical Consultant", "Application", "Compliance Protocol for Wind Turbine Noise", and "Director" in the Approval are deleted and replaced by the following:

1. "Acoustic Assessment Report" means the report included in the Application and entitled "*Saturn Power Inc. – Gesner 10 MW Wind Energy Project, High Gate, Ontario, Acoustic Assessment Report*", dated June 2013, prepared by Stantec consulting Ltd., and signed by Kana Ganesh Ph.D., P.Eng.
2. "Acoustic Audit - Emission" means an investigative procedure that is compliant with the CAN/CSA Standard Standard C61400-11:07 and consisting of measurements and/or acoustic modelling of noise emissions produced by wind turbine generators, assessed to determine compliance with the manufacturer's noise (acoustic) equipment specifications and emission data of the wind turbine generators, included in the Acoustic Assessment Report;
6. "Acoustical Consultant" means a person currently active in the field of environmental acoustics and noise/vibration control, who is knowledgeable about Ministry noise guidelines and procedures and has a combination of formal university education, training and experience necessary to assess noise emissions from wind facilities;
9. "Application" means the application for a Renewable Energy Approval dated May 18, 2011, and signed by Ray Roth, General Manager/ Vice President Saturn Power Inc., as agent of Gesner Wind Farm LP, and all supporting documentation submitted with the application including amended documentation submitted up to December 19, 2011; and as further amended by the application for an amendment to a Renewable Energy Approval dated June 6, 2015, and signed by Douglas Wagner, President, Saturn Power GP Ltd. operating as Gesner Wind Farm LP, and all supporting documentation submitted with the application, including amended documentation submitted up to May 5, 2016.
17. "Compliance Protocol for Wind Turbine Noise" means the Ministry document entitled, Protocol for Wind Turbine Noise, Guideline for Acoustic Assessment and Measurement, PIBS# 8540e;
19. "Director" means a person appointed in writing by the Minister of the Environment and Climate Change pursuant to section 5 of the Act as a Director for the purposes of section 47.5 of the Act;

E. The definitions of "Acoustic Audit Report - Transformer Substation ", "CAN/CSA Standard 61400-11:07", "Publication NPC-233" and "Sound Power Level" are added to the Approval:

36. "Acoustic Audit Report - Transformer Substation" means a report presenting the results of the Acoustic Audit - Transformer Substation;
37. "CAN/CSA Standard 61400-11:07" means the "Wind turbine generator systems - Part II: Acoustic Noise measurement techniques", dated October 2007;
38. "Publication NPC-233" means Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October 1995;
39. "Sound Power Level" means ten times the logarithm to the base of 10 of the ratio of the sound power (Watts) of a noise source to standard reference power of 10^{-12} Watts;

F. Condition 1 in the Approval is deleted and replaced with the following:

1. The Company shall construct, install, use, operate, maintain and retire the Facility in accordance with the terms and conditions of this Approval and the Application and in accordance with the following schedules attached hereto:

Schedule A - Coordinates of the Equipment
Schedule B - Noise Abatement Measures

G. Conditions 21 and 22 in the Approval are deleted and replaced with the following:

21. If the Company determines that it must deviate from its Post-Construction Monitoring Plan, the Company shall contact the Planning Ecologist at the Aylmer District Office of the Ministry of Natural Resources and Forestry and the Director, prior to making any changes to the methodology in the Post-Construction Monitoring Plan, and follow any directions provided.
22. The Company shall contact the Planning Ecologist at the Aylmer District Office of the Ministry of Natural Resources and Forestry and the Director if the mortality thresholds stated in its Post-Construction Monitoring Plan are reached for either birds or bats.

H. Condition 37 has been added to the Approval:

NATURAL HERITAGE

37. The Company shall ensure the following in the presence of amphibian breeding habitat within 120 metres of the access road for WTG5:
- (1) future tree/brush removal within 30 metres of habitat must be avoided during the amphibian breeding season;
 - (2) with the exception of emergency response vehicles, use of the access road to WTG5 limited to daylight hours and subject to lowered speed limits during the amphibian breeding season;
 - (3) refueling and vehicle maintenance to occur far from amphibian breeding habitat;
 - (4) any fuel storage and activities with the potential for contamination will occur in properly protected and sealed areas; and
 - (5) if required, dust suppression could be implemented along the access road to WTG5.

I. Condition 38 has been added to the Approval:

ENDANGERED SPECIES ACT REQUIREMENTS

38. The Company shall ensure that activities requiring authorizations under the *Endangered Species Act, 2007* will not commence until necessary authorizations are in place.

J. Conditions 39 and 40 have been added to the Approval:

TRANSFORMER SUBSTATION ACOUSTIC AUDIT & BARRIER

39. The Company shall carry out an Acoustic Audit - Transformer Substation and shall submit to the Director and the District Manager an Acoustic Audit Report - Transformer Substation prepared by an Independent Acoustical Consultant, in accordance with Ministry Publication NPC-233 and by no later than six (6) months after the date on this Notice.
40. The Company shall construct an acoustic barrier as per Schedule B of this Notice.

K. Schedule A in the Approval is deleted and replaced with the following:

SCHEDULE A

Coordinates of the Equipment are listed below in UTM17-NAD83 projection:

Description of Source	Source ID	Co-ordinates UTM (NAD 83 z17)	
		East (m)	North (m)
Gamesa G97 – 2 MW	WTG 1	438,829	4,708,431
Gamesa G97 – 2 MW	WTG 2	437,817	4,707,719
Gamesa G97W – 2 MW	WTG 3	439,471	4,707,807
Gamesa G97W – 2 MW	WTG 4	439,609	4,706,937
Gamesa G97W – 2 MW	WTG 5	438,459	4,708,124
Transformer - 10 MVA	TR 1	439,438	4,708,124
Transformer - 2 MVA	TR 2	439,445	4,708,117

L. Schedule “B” (Noise Control Measures) has been added to the Approval:

SCHEDULE B (NOISE CONTROL MEASURES)

One (1) 4.5 metre high acoustic barrier positioned as per section 6.2 of the Acoustic Assessment Report, continuous without holes, gaps and other penetrations, and having surface mass at least 20 kilograms per square metres.

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

This Notice shall constitute part of the approval issued under Approval No. 3069-8NQQC7 dated January 19, 2012.

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 and Climate
Change
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** 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 20th day of June, 2016



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

SR/

- c: Area Manager, MOECC Windsor
- c: District Manager, MOECC Sarnia
- Jeremy Goertz, Saturn Power Inc.