



0808098 BC Ltd.

Renewable Energy & Environmental Consulting

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January 24, 2011

Front Counter BC
1044 5th Avenue,
Prince George, BC, V2L 5G4

Reference: Investigation Plan for Wind Power Project Investigative License (Tenure Renewal 7408751 and 7408752) north of Bednesti Lake, Cariboo District, BC

Section A – Project Overview

The purpose of the Investigative Permit sought is to undertake a feasibility study on the viability of a wind power project on the site. The site under consideration is expected to have strong winds, leading to a potential for renewable energy generation in the area. The location of the project would be on the Crown land north of Bednesti Lake, in the Fraser Fort-George Regional District.

The size of the project would be up to 60 megawatts (twenty-five 2.3 MW turbines). Each turbine would have a tower height of approximately 100 metres and a blade radius of approximately 40 metres, giving a total height of approximately 140 metres to the blade tip. The project would also include access roads to each turbine and overhead and/or underground electrical lines to the point of interconnection with the existing 69 kV electricity line in the area. The estimated size of the project area would be between 400 and 3200 hectares.

Construction and commissioning of the project would take approximately one year, and could potentially begin as early as spring 2013, although the actual construction date is dependent on the successful negotiation of an electricity purchase agreement, completion of environmental assessment, and public consultation requirements for the project.

Section B – Project Description

If the Investigative License is renewed, investigations that will be conducted to support this tenure will include public, First Nations, and agency dialogue, presence of wildlife studies, and interconnection studies with BCTC and BC Hydro. One meteorological tower will be installed at approved locations (see Table 1 and map attached) and/or a Sonic Detection and Ranging (SODAR) unit will be installed to assess and verify wind speeds and directions over the course of one or more years. Six meteorological tower locations have been highlighted however a permit for only five will be sought. Location 6 noted in Table 1, will only be used if it does not conflict with silviculture activities and conflicts cannot be mitigated. If Location 6 conflicts with silviculture activities it will be dropped; if it does not, either location 2 or 3 will be dropped from consideration.

Data collected would be compared with data previously and concurrently collected from an existing tower at the adjacent Investigative Use Permit and License of Occupation area (Files: 7408750 and 7408753).

Existing roads will be used to access the site for meteorological campaign and environmental assessments to the greatest extent possible. For Site 5 (see Table 1 below) a small pathway may need to be cut; this

would measure approximately 4 m across and a License to Cut would be pursued if a meteorological tower is pursued at this site.

Table 1 - License of Occupation Locations

Site*	UTM Zone 10, NAD 83	
	X	Y
1	480948	5975568
2	479566	5977514
3	480935	5978160
4	479565	5979032
5	479884	5978960
6**	480836	5975581

*Please note that each LOO site above is square in shape and centred around the coordinates noted. Each site measures 100 m x 100 m to allow the installation of a meteorological tower with guy lines extending roughly 50 m from the tower.

**Only to be permitted if existing silviculture activities do not present significant conflicts to the meteorological study

Sincerely,











David Barrie, 0808098 B.C. LTD.

Tenure Renewal and Amendment

0808098 BC. Ltd.
Vancouver, BC

Crown Land File Numbers: 7408751 & 7408752

-  Proposed Access Trail
-  Highway
-  Roadway
-  Forestry Road
-  Contour Line (30m)
-  IUP Area
-  LOO Areas
-  Waterbody\Waterway

Note: Elevations are converted from Imperial Units.

Date: January 24, 2012

Author: DB

Confirmed: MI

Drawing Number: KGR-IP-IUP_LOO_REN-2012-01-23

0 2 km



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Background Data Sources: GeoBC, NTDB. Projection: NAD 83 UTM Zone 10.