



1. INTRODUCTION

The Dufferin Wind Power Project (the Project) is a wind facility being developed by Dufferin Wind Power Inc. (DWP), an entity owned by Longyuan Canada Renewables Ltd. (Longyuan Canada) and Farm Owned Power (Melancthon) Ltd. (FOPM). The wind farm, located in the County of Dufferin, will consist of 18 General Electric (GE) 2.75 MW and 31 GE 1.6 MW wind turbines for a total of 49 wind turbines with a nameplate capacity of 99.1 MW and an expected energy generation of 91.4 MW¹. The wind turbines will be situated entirely on privately owned land that is currently under agricultural production of row crops, pastureland or land that has been left fallow.

A 100 MW contract from the Ontario Power Authority (OPA) for the sale of electricity from wind power through the Province’s Feed-in-Tariff (FIT) program (enabled by the *Green Energy and Green Economy Act*) has been received for the Project. The Project will require approval under *Ontario Regulation 359/09, Renewable Energy Approval (REA or Ontario Regulation 359/09)* under Section V.0.1 of the *Ontario Environmental Protection Act*. Based on the REA Regulations, this project is a ‘Class 4’ wind facility.

This Property Line Setback Assessment Report has been prepared to fulfill the requirements of Section 53.3.b of the *Ontario Regulation 359/09, Renewable Energy Approvals* as per **Table 1**.

Table 1: Adherence to Ontario Regulation 359/09 Property Line Setback Assessment Report Requirements	
Requirements	Section Reference
As part of an application for the issues of a renewable energy approval or an environmental compliance approval in respect of the construction, installation or expansion of the wind turbine, the person who is constructing, installing or expanding the wind turbine submits a written assessment:	
1. Demonstrating that the proposed location of the wind turbine will not result in adverse impacts on nearby business, infrastructure, properties or land use activities	Section 5
2. Describing any preventative measures that are required to be implemented to address the possibility of any adverse impacts mentioned in 1 above.	Section 5

¹ Please see the Wind Turbine Specification Report for an explanation of nameplate capacity and expected energy generation.



Additional information about the Project can be found in the Construction Plan Report, Design and Operations Report and the Project Description Report. Technical studies associated with the REA requirements have been completed. In addition to this report, the REA submission package includes:

- Project Description Report
- Construction Plan Report
 - Archaeological Assessments
 - Cultural Heritage Self-Assessments
 - Cultural Heritage Assessment
 - Transportation Plan for Turbine Delivery
- Design and Operations Report
 - Noise Assessment Report
 - Environmental Effects Monitoring Plan
 - Emergency Response and Communications Plan
 - Post-Construction Monitoring Plan
- Decommissioning Plan Report
- Wind Turbine Specifications Report
- Water Body Report
- Water Assessment Report
- Natural Heritage Assessment Reports
 - Records Review
 - Site Investigation
 - Evaluation of Significance
 - Environmental Impact Study
- Consultation Report
- Supporting Documents.

2. PROJECT PROPONENT

Dufferin Wind Power Inc. (DWP) is a partnership between Longyuan Canada Renewables Ltd. (Longyuan Canada) and Farm Owned Power Melancthon (FOPM) Ltd. Longyuan Canada is a Toronto-based, wholly-owned subsidiary of the China Longyuan Power Group Corporation (CLYPG), which is considered the second largest renewable energy company in the world. FOPM is a partnership of local landowners and farmers that was formed to develop the Dufferin Wind Power project. In April 2010, FOPM was awarded a 100 MW Feed-In-Tariff (FIT) contract for the sale of electricity from wind power through the Ontario Power Authority's FIT program. In June 2011, Longyuan Canada partnered with FOPM and acquired a controlling interest in the Dufferin Wind Power project to advance the project. Together, Longyuan Canada and FOPM are developing the project.