



DWP is the primary contact for this project and contact information is as follows:

Full Name of Company:	Dufferin Wind Power Inc.
Address:	TD Canada Trust Tower 161 Bay Street, Suite 4550 Toronto, Ontario, M5J 2S1
Telephone:	Office: 416-551-6375
Website:	http://www.dufferinwindpower.ca
Prime Contact:	Jeff Hammond, Senior Vice President
Email:	info@dufferinwindpower.ca

Dillon Consulting Limited (Dillon) is the prime consultant for the preparation of the Construction Plan Report and other REA documents. The Dillon contact information is as follows:

Full Name of Company:	Dillon Consulting Limited
Address:	235 Yorkland Boulevard, Suite 800 Toronto, Ontario, M2J 4Y8
Telephone:	Office: 416-229-4647 ext. 2355
Prime Contact:	Don McKinnon, REA Project Manager
Email:	dpmckinnon@dillon.ca

A toll free information line has been setup for the project to help direct questions to the appropriate parties. This toll free number is 1-855-249-1473.

3. PROJECT LOCATION

The wind turbines for the proposed Class 4 wind facility are located entirely within the County of Dufferin. The Project, which includes wind turbines, access roads, transformers, substations and an underground circuit collector system, is located entirely within the Township of Melancthon, approximately 14 kilometres north of the Town of Shelburne, Ontario.

Within the Township of Melancthon, all wind turbines would be constructed on privately owned lands which are currently designated as 'Rural', 'Agricultural' and 'Environmental Protection', in Schedule A of the Township of Melancthon Official Plan, 2010, and the Township of Melancthon March 2012 Draft Official Plan.



The location of the wind turbines is bound by:

- The Melancthon-Osprey Townline to the north
- The Melancthon-Mulmur Townline to the east
- Sideroad 15 in Melancthon to the south
- 5th Line/6th Line Northeast/Sideroad 240/County Road 2 to the west.

Figure 1 shows the Wind Facility Site Plan.

3.1 Description of Wind Turbines

The project is composed of 49 wind turbines. There are two different types of wind turbines planned for the wind farm. There will be 18 GE 2.75 MW wind turbines and 31 GE 1.6 MW wind turbines. Figure 2a, the Wind Facility Site Plan, illustrates the location and model of each wind turbine to be used and Table 2 outlines the wind turbines' general characteristics.

Table 2: Wind Turbine Characteristics		
Wind Turbines	GE 1.6 MW	GE 2.75 MW
Total Number	31	18
Rating*	1.6 MW	2.75 MW
Number of Blades	3	3
Blade Length	48.7 m	50.2 m
Hub Height	80 m	85 m
Rotor Diameter	100 m	103 m
Cut-In Wind Speed	3.5 m/s	3 m/s
Cut-Out Wind Speed	25 m/s	25 m/s
Rated Wind Speed	11 m/s	12 m/s
Swept Area	7,850 m ²	8,328 m ²

* Please see the Wind Turbine Specification Report for further information on the nameplate capacity of the wind turbines.

4. PROPERTY LINE SETBACK REPORT REQUIREMENTS

According to Ontario Regulation 359/09 subsection 53(1), all wind turbines should be located hub height from each non-participating lot line. A turbine may be sited closer to the property line if the Applicant submits a Property Line Setback Assessment Report to fulfill the requirements of Ontario Regulation 359/09 subsection 53(3).