

EAST DURHAM WIND ENERGY CENTRE

Cultural Heritage Assessment Report Summary

OCTOBER 2012

East Durham Wind, Inc., a wholly owned subsidiary of NextEra Energy Canada, ULC (NextEra), is proposing to construct a wind energy project in the Municipality of West Grey, Grey County, Ontario. The Project will be referred to as the East Durham Wind Energy Centre (the "Project") and will be located on private lands east of the Community of Durham and west of the Village of Priceville. The wind turbine technology proposed for this Project is the GE 1.6-100 model wind turbine. With a total maximum nameplate capacity of up to 23 MW, the Project is categorized as a Class 4 facility. The project consists of up to 16 GE model wind turbines with 14 turbines that are 1.6-100 (1.62 MW), Turbine 6 is 1.34-100 (1.34 MW) and Turbine 2 is 1.39-100 (1.39 MW). Although NextEra is seeking a Renewable Energy Approval (REA) for up to 16 wind turbines, only 14 will be constructed for the project.

The purpose of the Heritage Assessment Report is to identify known and potential heritage resources in the study area in order to identify potential effects on these areas from the Project.

A Cultural Heritage Assessment was completed to address built heritage and cultural heritage landscape resources related to the Euro-Canadian land use in the area dating prior to 1970. Landscape features and built features were evaluated using the criteria for determining cultural heritage value or interest, from the Ontario Heritage Act, Ontario Regulation 9/06. The Ontario Heritage Act, its Regulations and the Ontario Heritage Toolkit were consulted for this project, in addition to O. Reg. 359/09 of the Environmental Protection Act.



Cultural Heritage Assessment Report Summary

STUDY PROCESS

The Cultural Heritage Assessment was conducted through the use of historic research, mapping, field surveys and consultation with local historians, and the Municipality of West Grey to identify any potential effects to heritage resources from the Project. A heritage resource may be a building, structure or landscape that has cultural heritage value or interest.

EVALUATION

There are no properties or buildings designated as heritage properties/protected properties, nor are any properties within the project area currently recognized for their heritage or cultural value by the Municipality of West Grey, or the Ontario Heritage Trust. None of the properties are, or have ever been, on any heritage list.

As part of the assessment, 181 built features were considered, along with 27 landscape features. Of these, 60 features (53 built and 7 landscape) were assessed for possible impact on their heritage values.

The impacts on the landscape features will be very limited. The location of the turbines is a minimum of 550 metres away from any of the landscape features and the impact will be minimal. The access roads will not have any impact on any of the identified features. The electrical lines will be buried and will have no impact on the identified landscapes.

The McKechnie Cemetery is located on property adjacent to the proposed location of the laydown area and the substation. Since the laydown area will only be utilized during the construction phase and then will be removed, any impacts will only be short term. However, the location of the new substation could have an impact on the heritage values of the McKechnie Cemetery depending on the design.

Except for the McKechnie Cemetery there are no landscape features that will be significantly impacted by the development of the East Durham Wind Energy Centre. Mitigation measures were considered and it was recommended that the substation be erected as far away from the cemetery as possible and that the cemetery be separated from the substation with a vegetation screen.



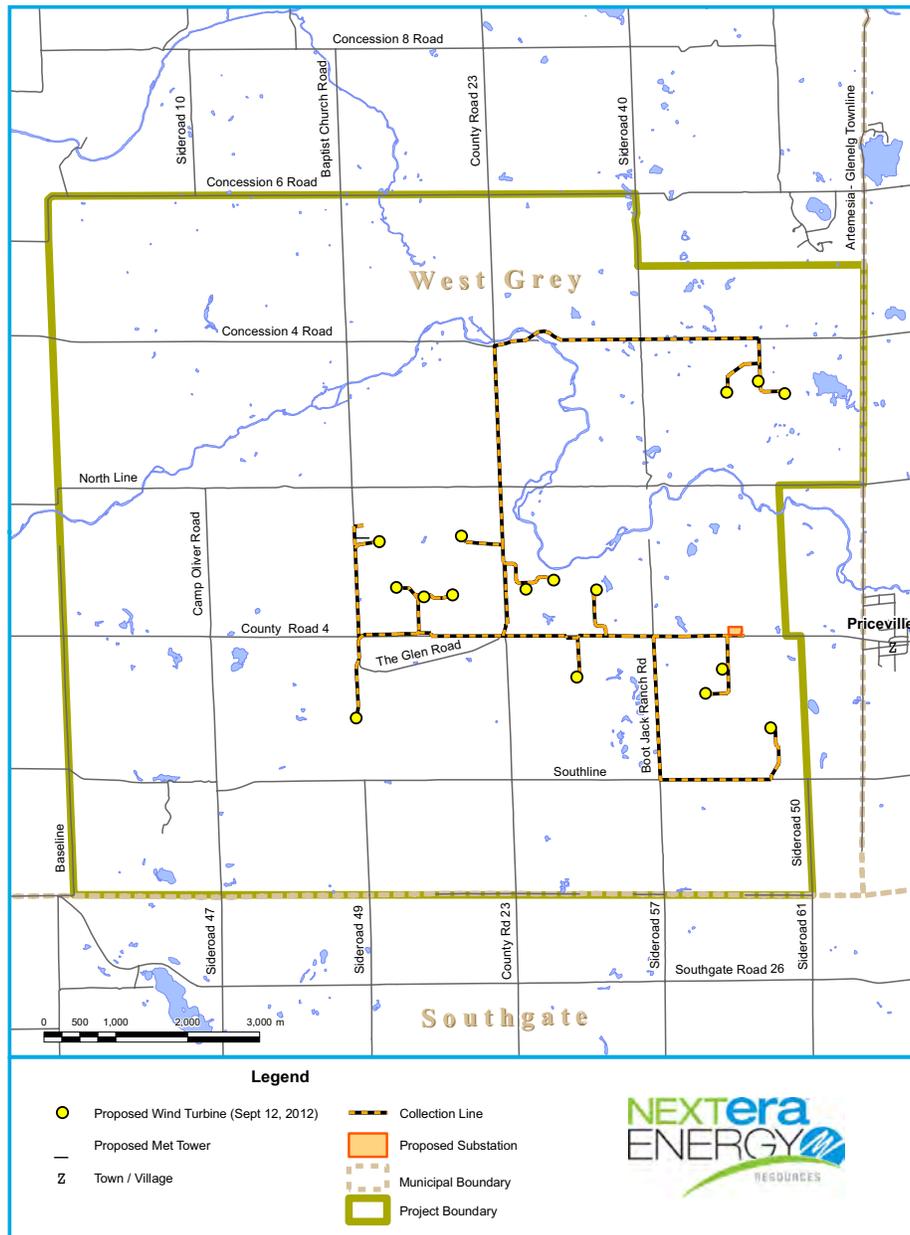
EAST DURHAM WIND ENERGY CENTRE

Cultural Heritage Assessment Report Summary



EAST DURHAM WIND ENERGY CENTRE

Cultural Heritage Assessment Report Summary



Have A Question?

We hope you find this Plain Language Summary helpful. In case you would like additional information or have any questions, please contact us directly:

Project Proponent

Derek Dudek

Community Relations Consultant

NextEra Energy Canada, ULC

390 Bay St, Suite 1720

Toronto, Ontario, M5H 2Y2

Phone: 1-877-257-7330

Email: EastDurham.Wind@NextEraEnergy.com

Project Consultant

Patricia Becker, MES

Project Manager (Energy)

GENIVAR Inc.

5th Floor, 600 Cochrane Drive

Markham, Ontario, L3R 5K3

Phone: 905-713-2837

Email: pat.becker@genivar.com