



December 20, 2012

STAGE 2 ARCHAEOLOGICAL ASSESSMENT

NextEra East Durham Wind Energy Project Various Lots and Concessions Geographic Township of Glenelg, now West Grey Township, Grey County, Ontario

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REVISED REPORT

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Executive Summary

A Stage 2 archaeological assessment was conducted by Golder Associates Ltd. (Golder) for the proposed East Durham Wind Energy Project on behalf of NextEra Energy Canada, ULC (NEEC). The Stage 2 assessment was undertaken in order to meet the requirements for an application for a Renewable Energy Approval, as outlined in Ontario Regulation 359/09 section 22(3) of the *Environmental Protection Act*. This area incorporates the proposed turbine locations, underground electric cable corridors, access roads, service roads, substations and equipment lay down and set-up locations for the 16 turbines included in the NextEra East Durham Wind Energy Project.

A Stage 1 archaeological assessment previously conducted resulted in the determination that potential exists within much of the study area for the identification of pre-contact Aboriginal and Euro-Canadian sites. As a result, Stage 2 archaeological assessment was recommended for any areas to be impacted by turbine construction, access road construction or other infrastructure related activities (ASI 2010).

The Stage 2 archaeological assessment of the proposed project was undertaken by Golder, on behalf of NEEC, in order to meet the requirements of an environmental assessment conducted under the Renewable Energy Approvals process, as outlined in Ontario Regulation 359/09 section 22(3). The Stage 2 assessment focused upon the proposed wind turbine layout, including turbine sites, collector cable routes, access roads, construction roads, transmission lines, laydown areas and substations. A total of approximately 134.73 hectares were subject to Stage 2 archaeological assessment, the majority of which was assessed using the pedestrian survey method at an interval of five metres. Small areas of tree lines and wooded areas that could not be assessed using the pedestrian survey method were assessed using the test pit method at an interval of five metres. The Stage 2 assessment was conducted in accordance with the Ministry of Tourism, Culture and Sport's (MTCS) 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011b).

The Stage 2 archaeological assessment conducted by Golder resulted in the identification of three 19th century Euro-Canadian historic locations: Location 1 (BbHd-3), Location 2 (BbHd-4) and Location 3 (BbHe-2). Based on criteria established in the *Standards and Guideline for Consultant Archaeologists*, it is recommended that these sites be subject to a Stage 3 archaeological investigation to further evaluate their cultural heritage value or interest.

The MTCS is asked to review the results presented and to accept this report into the Ontario Public Register of Archaeological Reports. Additional archaeological assessment is still required and so the archaeological sites recommended for further archaeological fieldwork remain subject to Section 48(1) of the *Ontario Heritage Act* and may not be altered, or have artifacts removed from them, except by a person holding an archaeological licence.

The Executive Summary highlights key points from the report only; for complete information and findings, as well as the limitations, the reader should examine the complete report.



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