

NextEra Energy Canada, ULC

Addendum to the Water Assessment and Water Body Report –Summerhaven Wind Energy Centre

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Table of Contents

	page
1. Introduction	1
1.1 The Proponent	1
1.2 Project Study Area	1
2. Proposed Project Modifications	2
3. Edits to the Water Assessment and Water Body Report	5
4. Summary and Conclusions.....	7

List of Figures

Figure 2-1 Modified Project Location	4
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List of Tables

Table 2-1 Summary of Project Modifications.....	Error! Bookmark not defined.
Table 3-1 Edits to the Water Assessment and Water Body Report	6

Glossary of Terms

NextEra NextEra Energy Canada, ULC
The Project..... Summerhaven Wind Energy Centre
REA..... Renewable Energy Approval

1. Introduction

Summerhaven Wind, LP (Summerhaven) a wholly owned subsidiary of NextEra Energy Canada, ULC (NextEra), is constructing a wind energy project in the vicinity of the community of Nanticoke, in Haldimand County, Ontario. The Project received a Renewable Energy Approval (REA) from the Ministry of the Environment on March 16, 2012 and subsequent amendment approvals on January 2, 2013 and May 23rd, 2013. The following sections of this Addendum Report describe the proposed modifications to the Project and resulting changes to the originally approved Water Assessment and Water Body Report.

1.1 The Proponent

The Project will be owned and operated by Summerhaven Wind, LP, a subsidiary of NextEra. NextEra's indirect parent company is NextEra Energy Resources, LLC. The proponent has not changed from the initial REA submission.

The primary contacts for the Project are as follows:

Project Proponent	Project Consultant
Thomas Bird Environmental Services Project Manager 390 Bay Street, Suite 1720 Toronto, Ontario, M5H 2Y2 Phone:.....416-364-9714 Email:thomas.bird@nexteraenergy.com Website: ..www.NextEraEnergyCanada.com	Marc Rose Senior Environmental Planner AECOM 300-300 Town Centre Blvd. Markham, Ontario L3R 5Z6 Phone:905-477-8400 x388 Email:.....marc.rose@aecom.com

1.2 Project Study Area

The proposed Project is located in the vicinity of the community of Nanticoke, in Haldimand County, Ontario. The Project Study Area has not changed from the original REA submission.

2. Proposed Project Modifications

The proposed modification to the Project includes constructing a new access road and collection cables on Lot 9, Concession 2 from Haldimand Road 3 (Rainham Road) north to Turbines 38 and 39 on an existing airstrip. The new access road and collection cabling will be constructed within the construction disturbance area illustrated on **Figure 2-1**. No other changes will be made to the Project Location or infrastructure.

The proposed Project modification is summarized in **Table 2-1** which documents the following:

1. A description of the modification and a rationale for the proposed modification; and
2. New potential environmental effects and corresponding mitigation measures.

Figure 2-1 illustrates the proposed modification.

Table 2-1 Summary of Project Modification

Proposed Modification	Rationale for Proposed Modification	New Potential Environmental Effects	New Mitigation Measures
Construction of a new access road and collection cabling on Lot 9, Concession 2, from Haldimand Road 3 (Rainham Rd.) north to Turbines 38 and 39.	To allow for construction of two turbine locations (Turbine 38 and 39) to proceed while Stage 3 archaeological assessments on the original access road to the east of the turbine locations are completed.	None – no new natural heritage or water body features within 120 m; Stage 2 archaeological assessments will be required for the new access road to confirm the absence of archaeological resources.	N/A



Legend

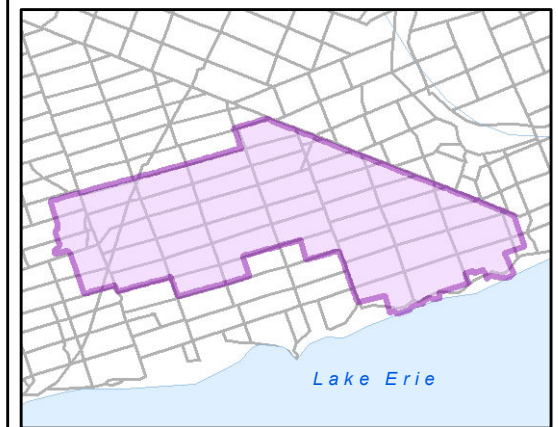
[---] Area of Investigation (120m)

Project Location

- Turbine
- MET Tower
- - - Collection Line
- Access Road
- Transmission Line
- Disturbance Area

Proposed Layout Modifications

- Disturbance Area Added
- Access Road Added
- ▨ Woodland Significant
- Watercourses
- Waterbody
- Properties



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UTM Zone 17N, NAD 83 1:504,983

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Summerhaven Wind Energy Centre

Proposed Layout Modification

May 2013
Project 60284238



Figure 2-1

3. Edits to the Water Assessment and Water Body Report

Table 3-1 documents the edits to the Water Assessment and Water Body Report resulting from the modifications described above. The edits identified in this table specifically pertain to the investigations that were completed to identify all of the water bodies situated within 120 m of the Project Location. One water feature is located within the 120 m area of investigation of the new access road (Feature ID 239). This water feature is not considered to be a water body under the REA definition (O. Reg. 359/09), and therefore no mitigation measures are proposed.

The location of Feature ID 239 can be found on **Figure 2-1**.

Table 3-1 Edits to the Water Assessment and Water Body Report

Section / Page	Original Text									Revised Text								
	Location ID	Nearest Turbine	Component within 120 m of Drainage Feature	UTM Easting	UTM Northing	Distance to Disturbance (m)	Meets O. Reg. 359/09 definition of “water body”	If not a water body, reason	Within Haldimand County OP Riverine Hazardland (Valleyland)	Location ID	Nearest Turbine	Component within 120 m of Drainage Feature	UTM Easting	UTM Northing	Distance to Disturbance (m)	Meets O. Reg. 359/09 definition of “water body”	If not a water body, reason	Within Haldimand County OP Riverine Hazardland (Valleyland)
Appendix A/Page 7	239	38, 51	Within 120 m of overhead cable at Regional Rd. 3	592086	4744044		N	Man-made		239	38, 51	Within 120 m of overhead cable at Regional Rd. 3 and access road to Turbine 38 and 39	592086	4744044	40 m	N	Man-made	

4. Summary and Conclusions

The Project modifications described in this Addendum do not change the overall conclusion of the Water Assessment and Water Body Report which states that no residual effects are expected on water bodies within the Project Area.