Environment

NextEra Energy Canada, ULC

Addendum to the Design and Operations Report –Summerhaven Wind Energy Centre

Prepared by:

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Project Number:

60284238

Date:

May, 2013

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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 a subsequent amendment approval on January 2, 2013. The following sections of this Addendum Report describe the proposed modification to the Project and resulting changes to the originally approved Design and Operations 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 8, Concession 2 from Haldimand Road 3 (Rainham Road) north to Turbines 38 and 39. 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:

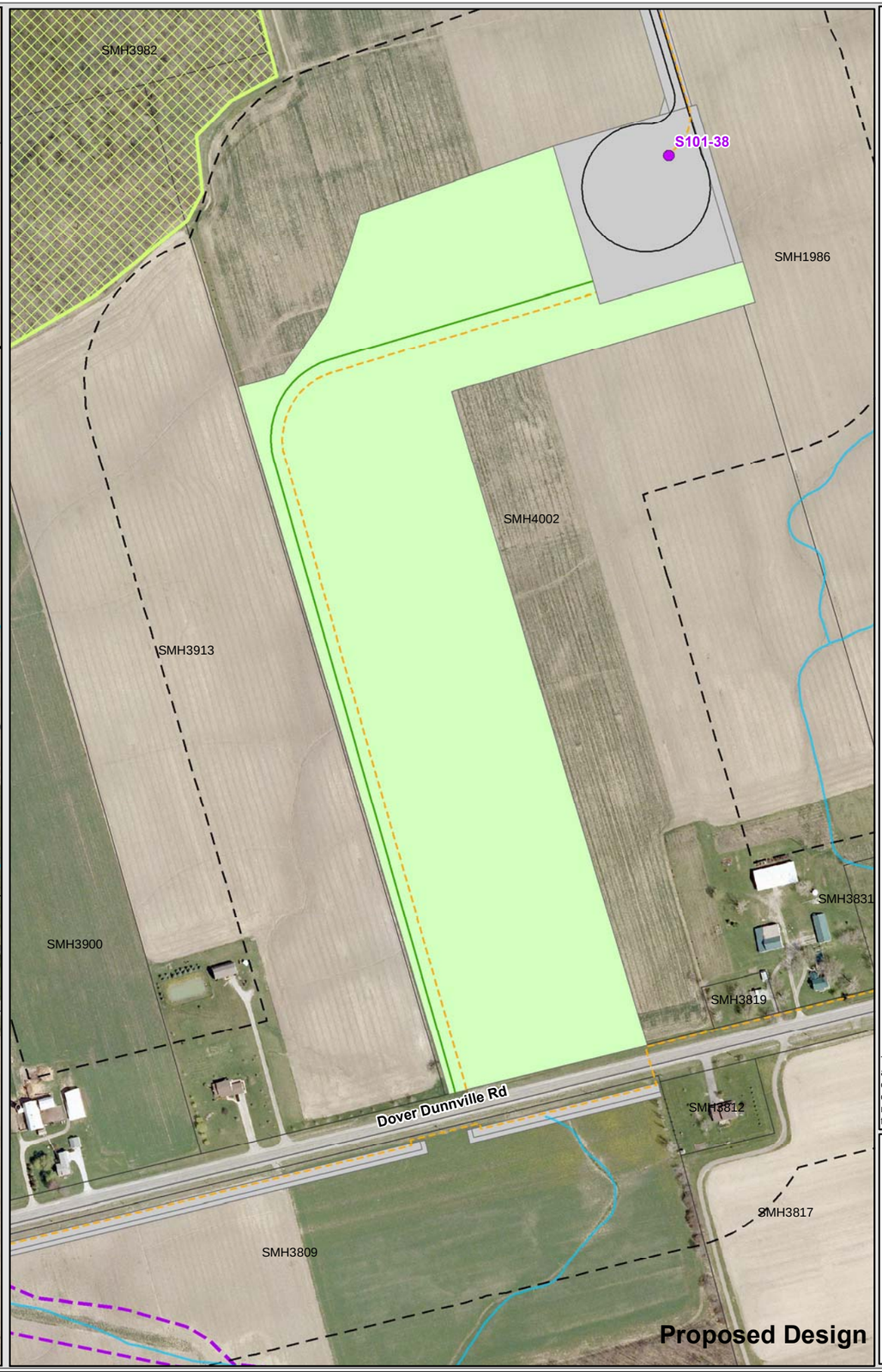
1. A description of the modification and a rationale for the proposed modification; and
2. New potential environmental effects and corresponding mitigation measures.

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 8, 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 are on-going for new access road to confirm the absence of archaeological resources.	N/A

Previous Design



Proposed Design

Legend

- Summerhaven Study Area
- Area of Investigation (120m)
- Waterbody
- Wetland Area
- Watercourses
- Expressway
- Highway
- Secondary Highway
- Major Road
- Properties

Project Location

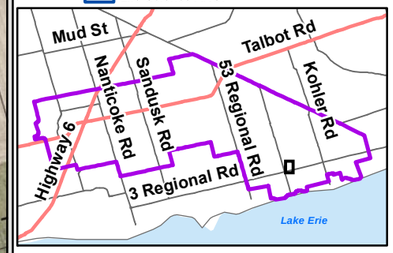
- Turbines
- MET Tower
- Transmission Line
- Access Road
- Collection Line
- Disturbance Area

Proposed Layout Modifications

- Disturbance Area Added
- Access Road Added

Natural Features

- Known Natural Features
- Provincially Significant Wetland MNR
- Long Point Region Conservation Authority Regulation Limit
- Woodland Significant
- Woodland Not Significant
- Wetland Significant
- Wetland Not Significant
- Valleyland Significant
- Valleyland Not Significant
- Earth Science ANSI
- Life Science ANSI



N W E S

Metres

0 37.5 75 150 225

1:4,000

UTM Zone 17N, NAD 83

Summerhaven Wind Energy Centre

Proposed Layout Modification

May 2013
Project 60284238

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Figure 2-1

3. Edits to the Design and Operations Report

Table 3-1 documents the edits to the Design and Operations Report resulting from the modification described above.

Table 3-1 Edits to the Design and Operations Report

Section / Page	Original Text		Revised Text	
Section 1.1/ page 3/Table 2	**Access Roads** Length of 7.3m-Wide Roads	11.6 km	**Access Roads** Length of 7.3m-Wide Roads	~~11.6 km~~ 12.4 km
Section 1.1/ page 3/Table 2	**Electrical Transformers and Cables** 34.5 kV Collector System Cables	132 km (60 km overhead, 54 km underground trenched, 3 km underground directional drilled)	**Electrical Transformers and Cables** 34.5 kV Collector System Cables	132 km (60 km overhead, ~~54 km~~ 54.8 km underground trenched, 3 km underground directional drilled
Section 3.0/page 10/Table 5	**Access Roads** Length of 7.3m-Wide Roads	11.6 km	**Access Roads** Length of 7.3m-Wide Roads	~~11.6 km~~ 12.4 km
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4. Summary and Conclusions

The Project modification described in this Addendum does not change the overall conclusion of the Design and Operations Report which states that the Project can be constructed and installed without any significant adverse residual effects.