



**Registration Pursuant To The  
Environmental Assessment Regulations 2003**

**under the  
Environmental Protection Act**

**For The Proposed**

**Installation of Poles within 200 meters of Scheduled Waters for  
Windmill Bight RV Park**

**March 9<sup>th</sup>, 2020**

## Table of Contents

1.0 Name of Undertaking .....	2
1.1 Proponent .....	2
1.2 Principal Contact Person .....	2
2.0 Project Rationale.....	2
3.0 Project Alternatives .....	3
4.0 Project Objectives .....	3
5.0 Project Description.....	3
5.1 Geographic Location.....	3
5.1.1 Proposed Work Sites.....	3
6.0 Project Key Environmental Aspects .....	3
6.1 Scheduled Waters within 200 metres of Project Site.....	3
6.2 Potential Sources of Pollutants.....	4
6.3 Wildlife .....	4
6.4 Operation of the Line Post-Construction .....	4
6.4.1 Routine Maintenance .....	4
6.4.2 Potential Sources of Pollutants .....	4
6.5 Potential Resource Conflicts .....	4
7.0 Occupations .....	4
8.0 Project Schedule .....	5
9.0 Construction Mitigation.....	5
10.0 List of Potential Environmental Approvals.....	5
11.0 Project Funding.....	5

## **1.0 Name of Undertaking**

Power Line Construction for Windmill Bight RV Park

### **1.1 Proponent**

Newfoundland Power Inc.  
A Fortis Company  
55 Kenmount Road  
PO Box 8910  
St. John's, NL  
A1B 4P2

Peter Alteen  
President and CEO  
Newfoundland Power Inc.

### **1.2 Principal Contact Person**

Jason Dalton  
Environmental Specialist  
Safety and Environment  
Cell: (709) 691.4631  
Email: [jdalton@newfoundlandpower.com](mailto:jdalton@newfoundlandpower.com)

## **2.0 Project Rationale**

This Project was requested by the Town of Lumsden (Figure 1) to provide service to the existing RV sites. Both the poles and the power line easement will be located within the Windmill Bight RV Park boundary of which the Town has issued a license to occupy.

The Work will include the installation of 3 – 45' Class 3 CCA poles, 3 - 20" plate anchors, 250m of high voltage primary conductor, a pole mounted transformer, vegetation removed from pole to pole at 5.4m wide and a service wire to the customer's electrical service (Figure 2). A 250m long by 5.4m wide power line easement is required and all work will be inside the 200 meters of a scheduled salmon river.



Figure 1: Town of Lumsden



Figure 2: Proposed work at Windmill Bight RV Park

### **3.0 Project Alternatives**

One other potential alternative to connecting to the existing overhead infrastructure for power supply to the customer was evaluated. However, this option to bury a cable would require a continuous trench for a distance of approximately 250m and the installation of a padmount transformer.

Evaluation determined that this increased risk and extra inherent cost made the overhead lines the best alternative.

### **4.0 Project Objectives**

This project is intended to allow power to the customers at the Windmill Bight RV Park by connecting to existing infrastructure.

### **5.0 Project Description**

#### **5.1 Geographic Location**

These pole locations were requested by the Town of Lumsden to provide service to the existing RV sites. Both the poles and the power line easement will be located within the Windmill Bight RV Park boundary of which the Town has been issued a license to occupy.

##### **5.1.1 Proposed Work Sites**

Work to be confined to the Windmill Bight RV Park which is located within the 200m buffer of a scheduled salmon river.

### **6.0 Project Key Environmental Aspects**

#### **6.1 Scheduled Waters within 200 metres of Project Site**

Based on Section 28 in the Environmental Assessment Regulations, 2003 “: An undertaking that will occur within 200 metres of the high water mark of a river that is a scheduled salmon river under the Fisheries Act (Canada) shall be registered”.

The works proposed by this undertaking will occur within the 200 metre buffer, however does not require any in-water work or physical alteration of the water body.

## **6.2 Potential Sources of Pollutants**

The potential sources of pollutants during the construction period would be hydrocarbon leakage from construction equipment. Equipment will be inspected prior to entering work site to ensure there are no drips or leaks and no planned refueling.

## **6.3 Wildlife**

It is not anticipated to have any interaction with wildlife during the duration of this project. Operating procedure (OPR600.04 – Wildlife) is in place to guide employees if wildlife is encountered on the jobsite. Vegetation Management during migratory bird season will be completed in accordance with OPR200.38 – Migratory Birds.

## **6.4 Operation of the Line Post-Construction**

This distribution line is constructed using permanent structures with a minimum operating life of 40 years.

### **6.4.1 Routine Maintenance**

The distribution line has vehicle access and will be inspected from the ground on a regular planned cycle.

### **6.4.2 Potential Sources of Pollutants**

Sources of pollutants will be limited to the inspection cycle and for short durations. Newfoundland Power vehicles are inspected before use and properly maintained. These inspection cycles will also limit the risk of leaks from the pole-top distribution transformer.

## **6.5 Potential Resource Conflicts**

Given the nature of the proposed work there is minimal potential for resource conflict. Vegetation Management will involve manual cutting of brush but conflicts with the fisheries resources are not anticipated.

## **7.0 Occupations**

The occupations required from both Newfoundland Power and Contractor staff to construct this undertaking are:

- Engineering Technicians;
- Heavy Equipment Operators;
- Line Workers; and
- Ground Workers;

Following construction, the site will be operated and maintained by existing staff from Newfoundland Power.

## **8.0 Project Schedule**

The proposed project start date for this undertaking is July 2020. Employee and contractor staff will carry out construction over a two (2) day period upon release the Environmental Assessment Regulations.

## **9.0 Construction Mitigation**

Standard construction mitigation will be implemented as per terms and conditions of existing approvals for working closely to water bodies as well as any terms and conditions identified in the approval process.

## **10.0 List of Potential Environmental Approvals**

The following is a list of permits, approvals, and authorizations, which may be necessary for the proposed project:

- I. Release of the Undertaking under the Environmental Assessment Regulations – issued by the minister of the Department of Municipal Affairs and Environment;
- II. DFO Blanket Permit – 20-HNFL-00038 (<15m Pole Placement to a Waterbody)
- III. Permit to Alter Water Body – ALT10065-2018 (Pole and anchor placements near water bodies)
- IV. Crown Lands
- V. Town of Lumsden

## **11.0 Project Funding**

This project does not depend on funding.

April 26, 2020

\_\_\_\_\_  
Date



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Name: Peter Alteen

Position: President and CEO