

**ENVIRONMENTAL IMPACT ASSESSMENT REGISTRATION DOCUMENT FOR 138 KV RELIABILITY FOR  
FREDERICTON SOUTH**

Appendix G Additional Information on Public Involvement  
November 1, 2019

**Appendix G ADDITIONAL INFORMATION ON PUBLIC  
INVOLVEMENT**



**ENVIRONMENTAL IMPACT ASSESSMENT REGISTRATION DOCUMENT FOR 138 KV RELIABILITY FOR  
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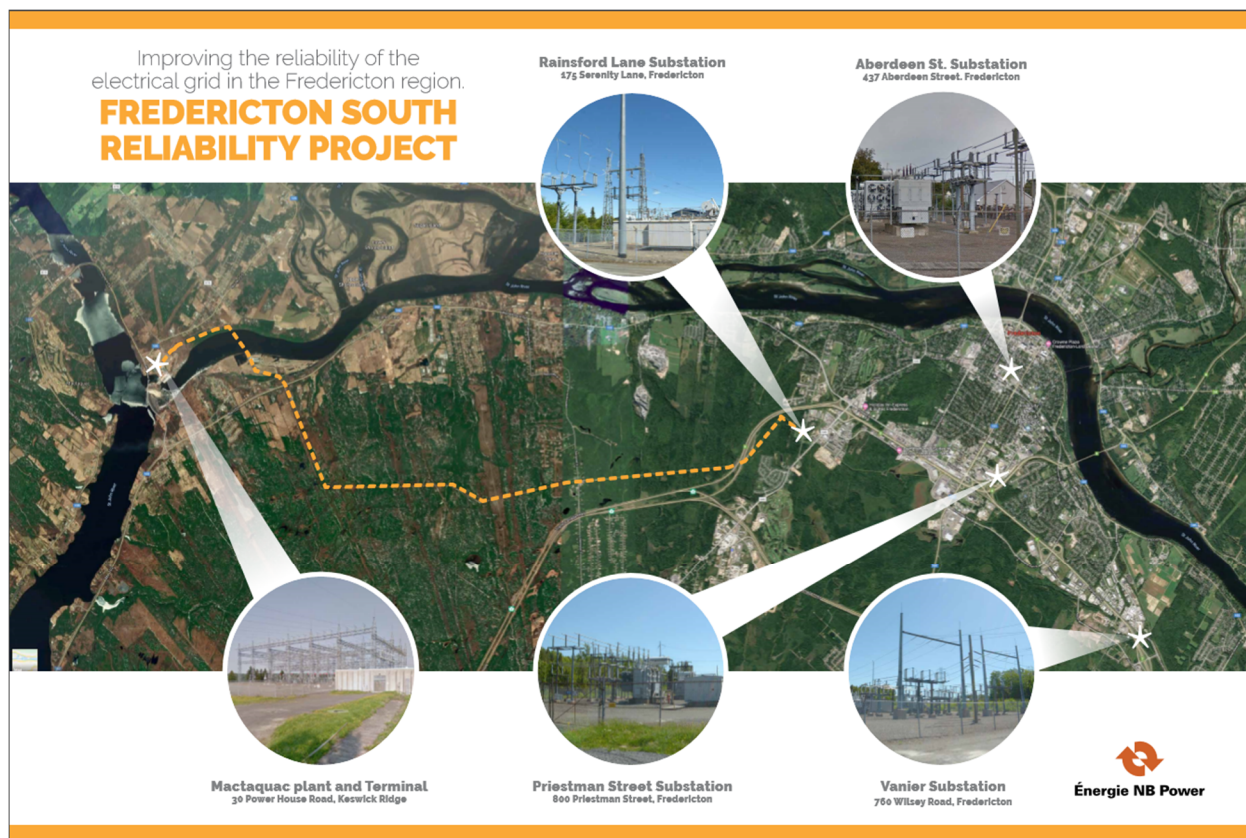


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## Énergie NB Power FREDERICTON SOUTH RELIABILITY PROJECT



The current Transmission and Distribution configuration leaves Fredericton South customers vulnerable to infrequent power interruptions that may last several hours or days to repair. Furthermore, transmission capacity limits NB Power's ability to fully utilize the clean generation from the Mactaquac Dam under certain conditions. This project will improve transmission capacity and will provide two transmission lines into three key distribution substations in the Fredericton region allowing repairs to a transmission line to be completed with minimal interruption of electricity to customers.

The new line will be constructed adjacent to the existing line within the existing right of way. It will run from the Rainsford Substation (on Rainsford Lane, in Fredericton) to the Mactaquac Terminal.



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### BENEFITS:

- Improved reliability for 25,000 customers in Fredericton South with fewer interruptions that can be restored in minutes rather than within hours or days.
- Reduced line losses mean less wasted energy – an estimated 11,350 MWh saved annually -which is the equivalent of driving 5000 electric vehicles across Canada.
- This will allow for less spillage at the Mactaquac Generating Station, meaning more renewable energy will be available to customers.

Before it can proceed, NB Power must register this proposed project for an Environmental Impact Assessment with the provincial Department of Environment and Local Government.

Below is a timeline for the proposed project:

Project Activities	Timelines
Engagement with First Nations and Stakeholders	Ongoing
Traditional Land and Resource Use Study	Summer 2019 – Summer 2020
First Nation and Public Open Houses	August-September 2019
Environmental Impact Assessment Submission (available for public review) and permit	Fall 2019
Line Clearing/Construction	Fall 2020-Fall 2022
Substation and terminal modifications	April 2022 – October 2022
In-service	November 2022



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### NEWS

#### *Grid reliability to be improved with new transmission line in Fredericton region*

**2019-09-16**

Fredericton (NB) – NB Power announced today that it will seek approval to build a new transmission line in the Fredericton area, which will improve the reliability of the power grid in the region for approximately 25, 000 customers.

The new proposed 15-kilometre transmission line will run from the Rainsford Substation, in Fredericton, to the Mactaquac Terminal.

“NB Power strives to offer its customer a reliable power grid that meets or exceeds all utility standards,” said NB Power’s President and CEO, Gaëtan Thomas. “This will increase transmission reliability for customers in the Fredericton region with fewer interruptions that can be restored within minutes rather than hours or days.”

The project includes an expansion of the Mactaquac terminal with an additional 138KV bay to accommodate the new transmission line, the construction of the new 15-kilometre transmission line as well as some reconfiguration work at some of NB Power’s substations in the region.

“This project will allow for more renewable and green energy from the Mactaquac Generating Station to be available for our customers in the Fredericton area as the new transmission line will help reduce line losses,” Thomas added. “With this new transmission line, the estimated annual savings will be around 11,350 MWh, which is enough energy to drive 5000 electric vehicles across Canada.”

Before it can proceed, the project will be registered for an Environmental Impact Assessment (EIA). Following the EIA process, it is expected that construction would start in the fall of 2020 and continue throughout 2021-2022.

NB Power will hold a Public Open House session from 6-9 pm, on September 17, at the Riverside Resort, 35 Mactaquac Road, in French Village.

Consultations with First Nations key stakeholders and property owners in the area has already started and will continue through the different phases of the project.

More information about the project can be found on the NB Power website [here](#).

#### **About NB Power**

NB Power is the primary electric utility in New Brunswick and was established in 1920. It serves over 400,000 customers with safe, reliable and efficient electricity. The utility is focused on promoting the efficient use of energy in customers’ homes and businesses by enabling and providing new, value-added



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energy efficient solutions in order to help reduce carbon, better integrate renewable energy and stimulate the economy.

Based on the current generation mix, NB Power is well positioned to provide its customers with electricity generated with consideration for the environment. Currently, 40 per cent of its energy is from renewable sources and 74 per cent is non-emitting when Point Lepreau is added. The utility is on track to contribute to the provincial goal of having as much as 75 per cent of the electricity used in New Brunswick coming from clean, renewable or non-emitting sources by 2020.

### **MEDIA CONTACT:**

Sheila Lagacé, communications, NB Power, 506-458-4375 or [SLagace@nbpower.com](mailto:SLagace@nbpower.com)



**NB Power would like to invite  
customers in Fredericton to a  
PUBLIC OPEN HOUSE**

during which staff will be on hand to provide details and discuss a proposal to build a new transmission line in the Fredericton area, from the Mactaquac Terminal to the Rainsford Lane substation, in order to improve the reliability of the power grid in the region.

**Tuesday, September 17**

**6:00 pm - 9:00 pm**

Riverside Resort (Woolastook Room),  
35 Mactaquac Road  
French Village Fredericton, New Brunswick

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**Énergie NB invite les clients de Fredericton à  
UNE SÉANCE PORTES  
OUVERTES**

où des membres du personnel seront sur place pour fournir des détails et discuter de la nouvelle ligne de transport proposée dans la région de Fredericton. La nouvelle ligne reliera le poste de Mactaquac à la sous-station de l'allée Rainsford. Elle permettra d'améliorer la fiabilité du réseau électrique dans cette région.

**Le mardi 17 septembre**

**18 h à 21 h**

Centre de villégiature Riverside (salle Woolastook),  
35, chemin Mactaquac  
French Village Fredericton, Nouveau-Brunswick



**Énergie NB Power**

[energienb.com](http://energienb.com) | [nbpower.com](http://nbpower.com)



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