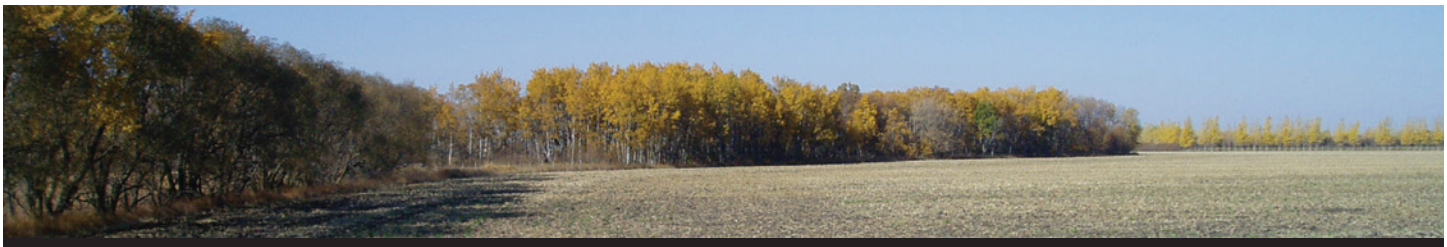


Proposed St. Vital Transmission Complex
Round 1 – Alternative Routes

Round 1 – Alternative Routes

Project need

In order to improve system reliability and accommodate the growth and demand for electricity in southern Manitoba, Manitoba Hydro is proposing construction of two 230-kilovolt (kV) transmission lines, both originating at the St. Vital Station, located in southeastern Winnipeg. One line will run south to the Letellier Station and the other will run west to the La Verendrye Station located near the community of Oak Bluff.

Project description

The new line between the St. Vital and La Verendrye stations will be located on an existing Manitoba Hydro right-of-way south of Winnipeg known as the Southern Loop. This portion of the Project will enable the Winnipeg electrical network to withstand various severe outages, improve performance during normal operation and promote the reliability of the power system in southern Manitoba.

Project location

The new line between St. Vital Station and the Letellier Station will be routed through south central Manitoba, near Steinbach, to accommodate a potential future 230-kV station. This portion of the Project is required to address load and voltage concerns in the south central area of Manitoba due to load growth.

Environmental characterization underway

Manitoba Hydro has begun to collect information that will contribute to the selection of a transmission line route and environmental assessment of the Project. Once a route is determined, this information will help the Project team understand the landscape in order to determine any potential effects the Project may have on:

- physical, terrestrial and aquatic environments.
- heritage resources.
- land use.
- socio-economic environment.

Project Facts

The proposed St. Vital Transmission Complex includes two 230-kV transmission lines. Both will start at the St. Vital Station located in southeastern Winnipeg:

- One new line will run south to the Letellier Station, passing close to Steinbach.
- The other new line will run to La Verendrye Station, within an existing right-of-way known as the Southern Loop.

The engagement process includes:

- Round 1, August 2013: presentation of alternative routes.
- Round 2, October 2013: presentation of preferred route.

The Project's Environmental Assessment Report is scheduled to be submitted in December 2013.

The anticipated Project completion date is 2017.

Manitoba Hydro

Route Selection and Environmental Assessment Processes

Manitoba Hydro is piloting a new process to develop alternative routes for the St. Vital to Letellier transmission line. Known as EPRI-GTC Methodology, this process allows for early stakeholder input and incorporates engineering, built and natural environment considerations. The process involves stakeholders identifying, weighting and scoring alternative corridor selection factors, leading to the identification of alternative corridors to begin siting alternative routes. Feedback provided will assist in the identification of a preferred route for the new transmission line.

The development of the proposed transmission lines will require a Class 2 licence under *The Environment Act* (Manitoba). An environmental assessment generally consists of:

- characterization of the environment.
- identification of potential effects on people and the environment.
- determination of methods to avoid or reduce potential effects while enhancing beneficial effects.

The environmental assessment, including the public engagement process, will be documented in an Environmental Assessment Report and is anticipated to be submitted to regulatory authorities by end of 2013.

Engagement Process

Manitoba Hydro will undertake two rounds of engagement to gather feedback at different stages in the transmission line and assessment processes. The engagement process will include discussions with landowners, First Nations, the Manitoba Metis Federation, municipalities and other stakeholders.

Manitoba Hydro will:

- inform the public regarding the Project, timelines and route selection process.
- utilize a variety of mechanisms to receive and share information with interested individuals.
- gather feedback on the local environment to assist routing the transmission lines as well as the environmental assessment.
- provide opportunities to have questions answered and concerns addressed by Manitoba Hydro representatives.

Manitoba Hydro will undertake stakeholder workshops, open houses and meetings to collect information which will assist with determining a route that minimizes the impact on people and the environment.

Alternative Routes

St. Vital Transmission Complex

Project Infrastructure

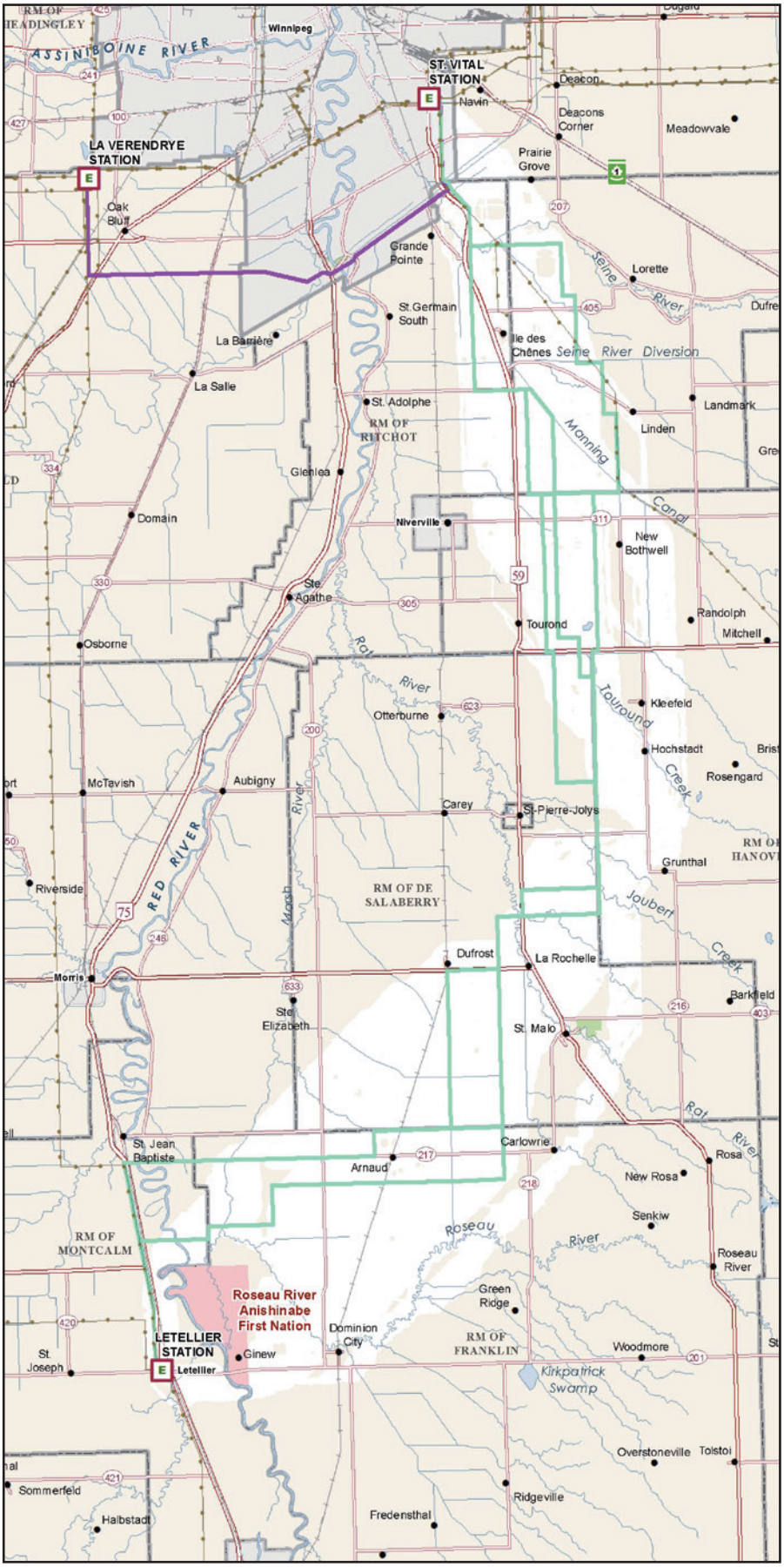
- Composite Alternative Route Corridor
- Alternative Routes for the St. Vital to Letellier Transmission Line
- St. Vital to La Verendrye Transmission Line (Within Southern Loop Transmission Corridor)

Infrastructure

- Transmission Line
- Electrical Station

Landbase

- City / Town
- First Nation
- National/Provincial Park
- Provincial Highway
- Provincial Road
- Railway



Southern Loop Transmission Corridor

The Southern Loop is a dedicated transmission corridor that will accommodate multiple transmission lines necessary for system reliability and to meet future energy demands.

Located between the Dorsey Converter Station (near Rosser) and the Riel Station (east of Winnipeg), the transmission corridor follows the western and southern boundaries of the City of Winnipeg. It connects to the LaVerendrye Station, near Oak Bluff.

Manitoba Hydro has been acquiring property rights for the Southern Loop for many years. The Southern Loop will allow for multiple transmission lines within a single corridor, which would reduce the number of independent rights-of-way on the landscape. The St. Vital to La Verendrye transmission line will take advantage of this right-of-way.

Project Timeline

Round 1 - August 2013

- Introduce the Project.
- Present alternative routes.
- Answer questions.
- Identify and document concerns.
- Use input to guide preferred route selection process.

Round 2 - October 2013

- Present Round 1 findings.
- Present the preferred route.
- Answer questions.
- Identify and document outstanding concerns.
- Provide opportunity to discuss potential effects and possible mitigation measures to minimize or avoid effects.

Next Steps

- Submit the Environmental Assessment Report.
- Regulatory authorities review report.
- Receipt of licence.
- Construction.
- Complete in-service date 2017.

We are here.

We would like to hear from you.

There are a number of ways that you can participate in the review of this project and provide your input:

- attend an Open House.
- submit a comment sheet, available at the Open Houses or on our website (see address below).
- contact us directly.

Questions or comments?

Please contact:

Trevor Joyal
Licensing & Environmental Assessment Department
Phone: **1-877-343-1631**
Email: **LEAprojects@hydro.mb.ca**
www.hydro.mb.ca/stvital.

Manitoba Hydro