

# 120-kV Grand-Brûlé–Saint-Sauveur Supply Line

## START OF LAND CLEARING AND LINE CONSTRUCTION

FOR MORE INFORMATION

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PROJECT WEB SITE:  
[www.hydroquebec.com/grand-brule-saint-sauveur](http://www.hydroquebec.com/grand-brule-saint-sauveur)

### MEETING THE REGION'S ELECTRICITY NEEDS

All of Hydro-Québec's transmission line projects are subject to rigorous technical and environmental studies and a genuine and open public participation process, with a view to developing the best possible project for the host community.

The route with the least impact for the 120-kV Grand-Brûlé–Saint-Sauveur project was determined after analysis of multiple supply scenarios and route variants, collaboration with experts hired by the municipalities affected and four years of exchanges with the public.

To ensure community acceptance of the project, Hydro-Québec held many meetings where elected officials, landowners, organisations and the public were invited to express themselves and contribute to improving the project. The numerous changes made to the initial project are largely a reflection of stakeholders' requests.

To fulfill its obligation to supply power to customers and meet the region's electricity needs for the next 20 years, Hydro-Québec will begin land clearing at the end of the summer, followed by line construction.

As always, in a spirit of collaboration, Hydro-Québec will continue to communicate with the community throughout the various steps involved in the construction of the line.

### Execution of work and schedule

Clearing and construction work will be assigned to specialized contractors selected following public tender calls.

Work will be carried out from Monday to Friday, between 7 a.m. and 7 p.m. Exceptionally, specific work or tasks may need to be done outside of these hours and on weekends. In such cases, municipal authorities concerned will be notified beforehand.

### Environmental compliance at the worksite

During the construction period, a Hydro-Québec representative will be onsite to ensure that the work is carried out in compliance with commitments made to protect the environment. The representative will also ensure the quality of the site restoration work once the project is complete.

### MAJOR PROJECT STEPS



#### Clearing the right-of-way

The right-of-way is cleared to build the transmission line and ensure the safety of the population, workers and the power system. The type of clearing depends on the height of the trees, type of vegetation growing on the site and presence of sensitive areas.

- On public land, the work is carried out by a contractor. Merchantable timber is turned into lumber for use in residential construction and renovation.
- On private land, the work may be carried out either by a forestry contractor or by the landowner. Wood is cut to a length determined by landowners (4 feet minimum), and left at the edge of the right-of-way for them to pick up.



#### Laying the tower foundations

This step involves excavation, filling and levelling. The foundations and methods used depend on the type of tower, the type of soil and the depth of the bedrock.



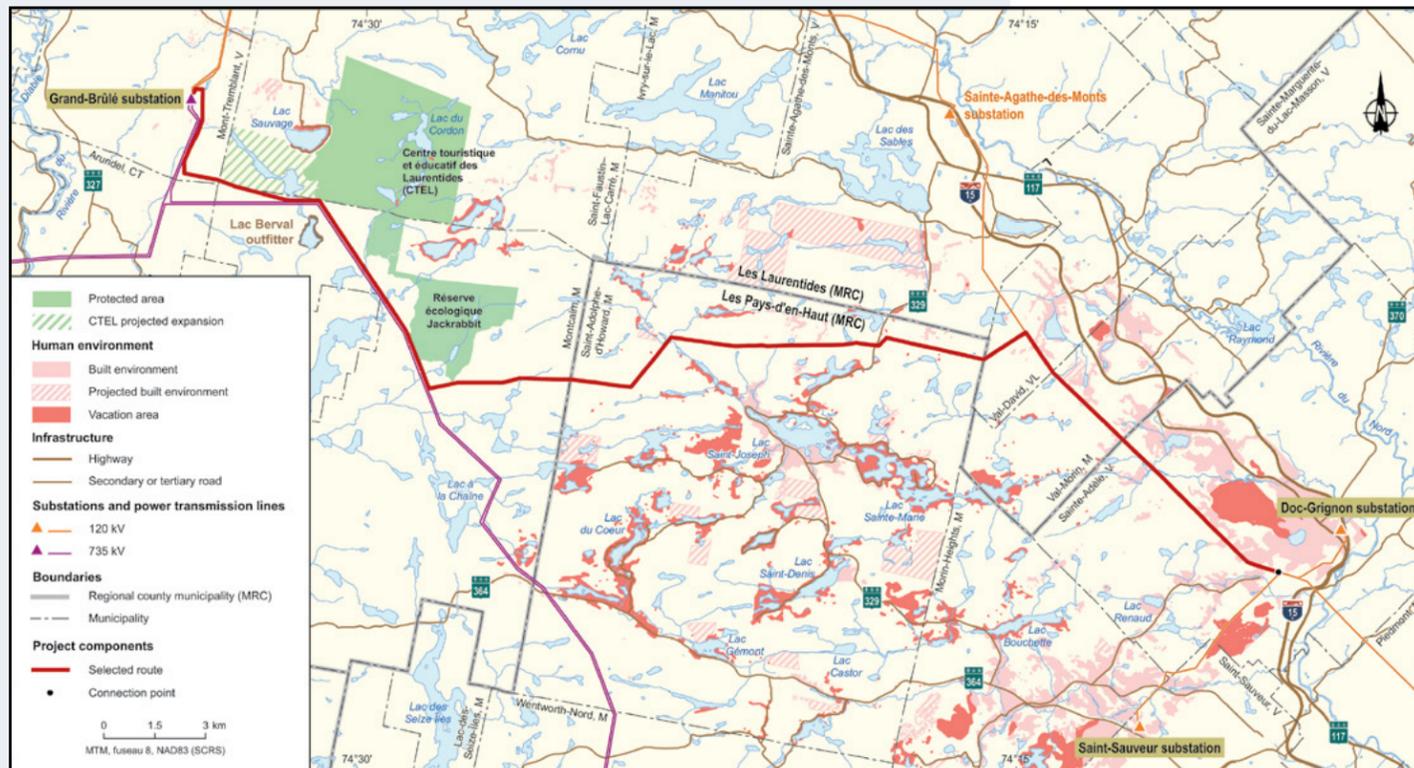
#### Assembling towers, unwinding conductors and energizing the line

Building a line involves several operations: assembling towers on the ground, lifting towers upright and installing insulator strings, conductors, overhead ground wires and counterpoise wires. This work is carried out by different tradespeople.



#### Restoring the site

This final step in the construction process includes cleaning up worksites (removing debris and waste) ground levelling and reshaping, dismantling temporary access roads, filling ruts, seeding or planting (based on the characteristics of the site) and restoring infrastructure (e.g., roads, bridges and culverts, fences). On private land, a tour of the site is conducted with the landowner to ensure that the restoration work meets their expectations.



### TANGIBLE SUPPORT FOR COMMUNITY DEVELOPMENT

Hydro-Québec makes sure that its projects are an opportunity to participate in the development of the host communities through its Integrated Enhancement Program (IEP).

Once construction has begun, Hydro-Québec will grant eligible organizations funding equivalent to 1% of the initially authorized value of the new facilities, to be used for local enhancement initiatives that improve the community.

### PROJECT SCHEDULE

Clearing the right-of-way	→ Summer – fall 2017
Building access roads	→ Summer – fall 2017
Building the line	→ Winter – fall 2018
Restoring the site and commissioning the line	→ Fall 2018