

# 315/25-kV **Saint-Jean** Substation and 315-kV Supply Line

GENERAL INFORMATION • Summer 2014

## The project

Commissioned in 1957, the Saint-Jean substation is located in Dollard-des-Ormeaux, at the intersection of boulevards Saint-Jean and De Salaberry. It supplies part of the cities of Dollard-des-Ormeaux, Pointe-Claire, Kirkland and Beaconsfield, serving a total of about 10,000 customers. Given that the facility is over 50 years old, most of the substation's 120/12-kV equipment needs to be replaced.

Hydro-Québec plans to refurbish the substation and convert the current voltage to 315/25 kV to meet future growth in demand. The planned substation, which will be built mainly on the site of the current substation, will be supplied by a new 315-kV line from Sources substation located less than 3 km away. This line will run through a right-of-way where power lines are already located.

This project is part of the company's plan to develop the transmission system on the island of Montréal, which was initiated in 2009 to help meet increasing demand and ensure the long-term operability of facilities.



## Public participation

Hydro-Québec will implement a public participation program to open a dialogue with the host community while the studies are being carried out. Citizens will be invited to make themselves heard during consultation sessions scheduled for fall 2014.

The project team will thus be able to take into account the concerns and expectations expressed by the public and by key stakeholders so as to best adapt the project to local realities.

## Study area

The project study area is located entirely in the city of Dollard-des-Ormeaux and covers an area of close to 4 km<sup>2</sup> (see map). It is bordered to the north by Rue Lake, to the west by Hasting and Morningside, to the east by Boulevard des Sources and to the south by Boulevard Brunswick and the outer edge of the city of Pointe-Claire. The right-of-way of the existing lines between Sources and Saint-Jean substations runs along the centre of the study area.

## Environmental and technical studies

In the coming months, Hydro-Québec will carry out detailed technical studies and environmental and landscape surveys to identify the project's characteristics and to better understand the host environment.

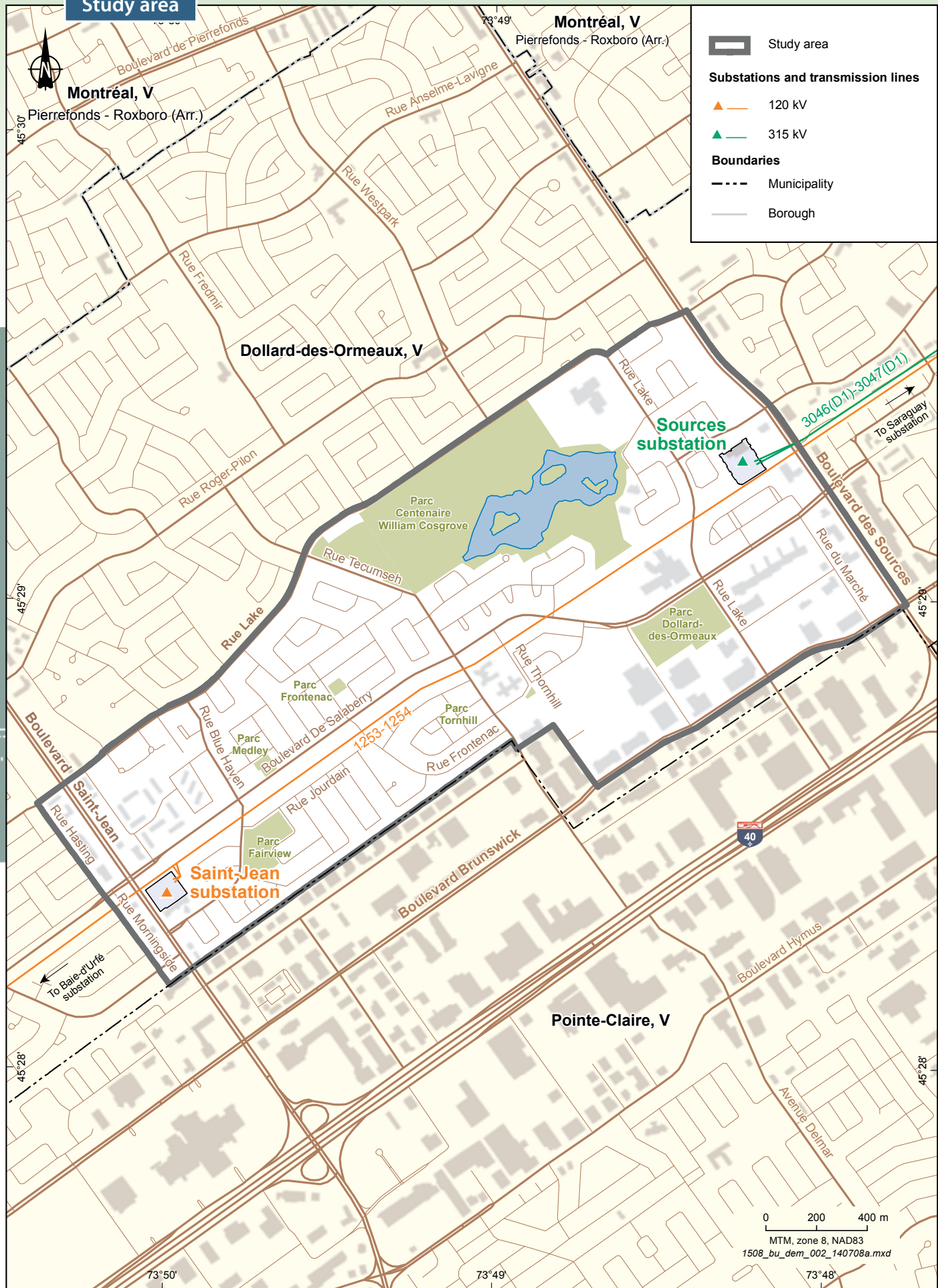
According to the information we have to date, the main environmental and technical considerations related to the substation and the supply line project are the following:

- Visual integration of the substation and line
- Noise levels around the substation
- Harmonization with the different residential and commercial uses of land bordering Hydro-Québec's property and servitude
- Management of jobsite activities in an urban area

Once these studies are completed, the project team will propose scenarios for the configuration of substation equipment and types of towers for the line. These scenarios will be subject to comparative analyses based on environmental, technical and economic criteria, as well as community concerns and expectations.



**Study area**



## Project schedule

### PUBLIC PARTICIPATION PROGRAM

Information and consultation	Summer to fall 2014
Information on solution selected	Winter 2014–2015

### PROJECT


Filing of the environmental impact statement	Spring 2015
Permitting	Fall 2016
Preparatory work	
• Moving of distribution lines	
• Reorganization of the 120-kV line	2015–2016
Refurbishment of the substation and conversion of voltage	Winter 2016–2017 to fall 2019
Construction of the line	Summer to fall 2019
Commissioning of the substation and line	Spring 2020

For more information  
**Info-project** line  
514 385-8888, ext. 3462

**Jean-Philippe Rousseau**  
Advisor – Community Relations – Montréal  
Direction – Affaires régionales et collectivités  
201, rue Jarry Ouest  
Montréal (Québec) H2P 1S7  
Fax: 514 850-2233  
E-mail: [rousseau.jean-philippe@hydro.qc.ca](mailto:rousseau.jean-philippe@hydro.qc.ca)

[www.hydroquebec.com](http://www.hydroquebec.com)

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