

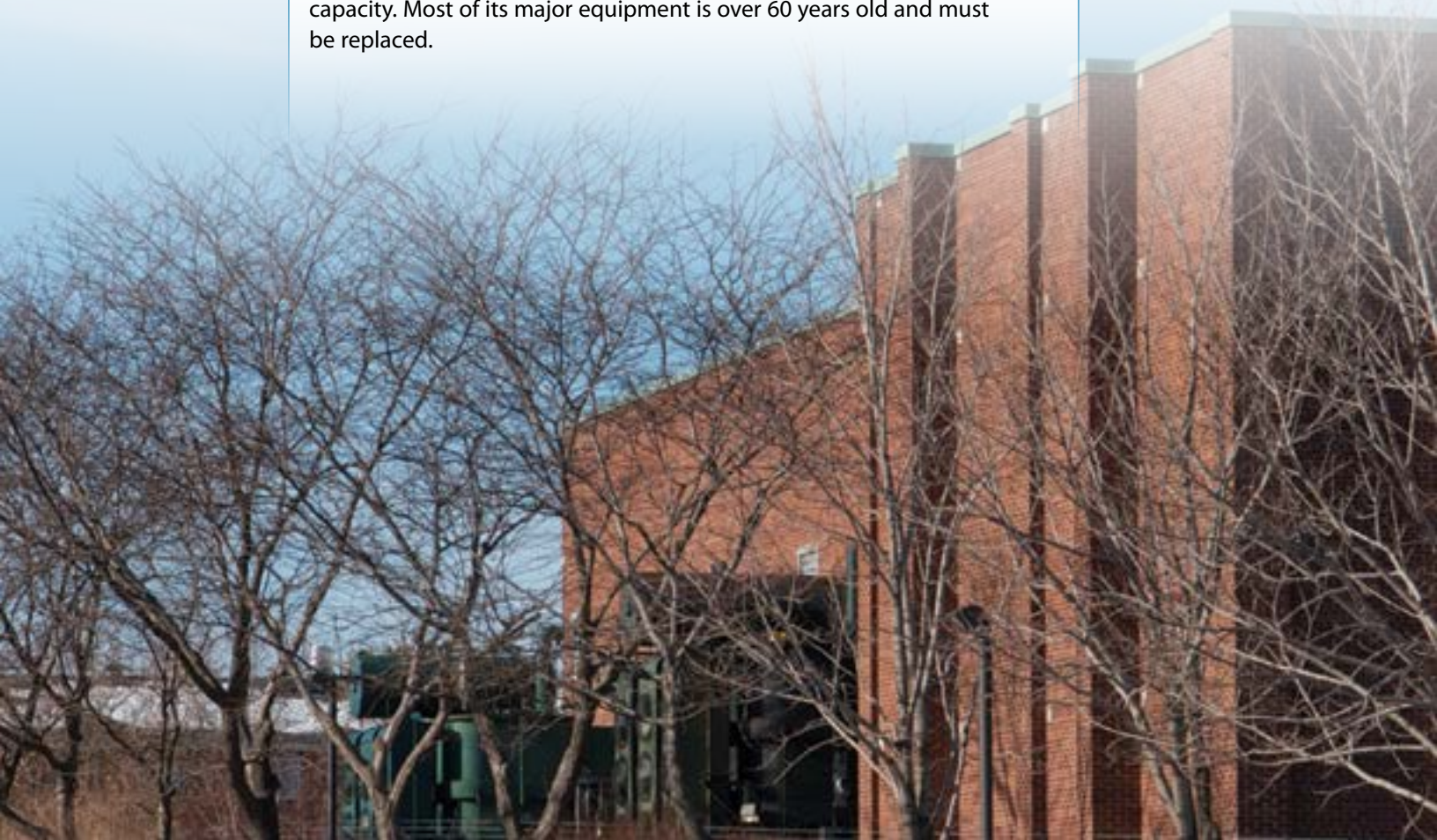
Conversion of **De Lorimier** Substation to 315/25 kV and new 315-kV Underground Lines

INFORMATION ON SOLUTION SELECTED • WINTER 2012-2013

To meet increasing demand and ensure the long-term operability of facilities in the eastern part of downtown Montréal, Hydro-Québec will convert De Lorimier substation to 315/25-kV on the site adjacent to the current 120/12-kV substation. Hydro-Québec will also build two 315-kV underground lines, about 7 km each, to connect the new De Lorimier substation to Viger substation, near Pont Victoria.

Once commissioned, the new substation and its supply lines will meet the short- and long-term electricity needs of the area they serve.

Built in 1950, De Lorimier substation is located in Montréal's Ville-Marie borough near Pont Jacques-Cartier and will soon reach its maximum capacity. Most of its major equipment is over 60 years old and must be replaced.



New De Lorimier substation

The new De Lorimier substation will cover a total area of 8,800 m². Most of the equipment (transformers, circuit breakers and other equipment) will be housed indoors, limiting noise levels in the surrounding area.



Existing substation



Visual simulation of the new substation

Environmental and technical studies

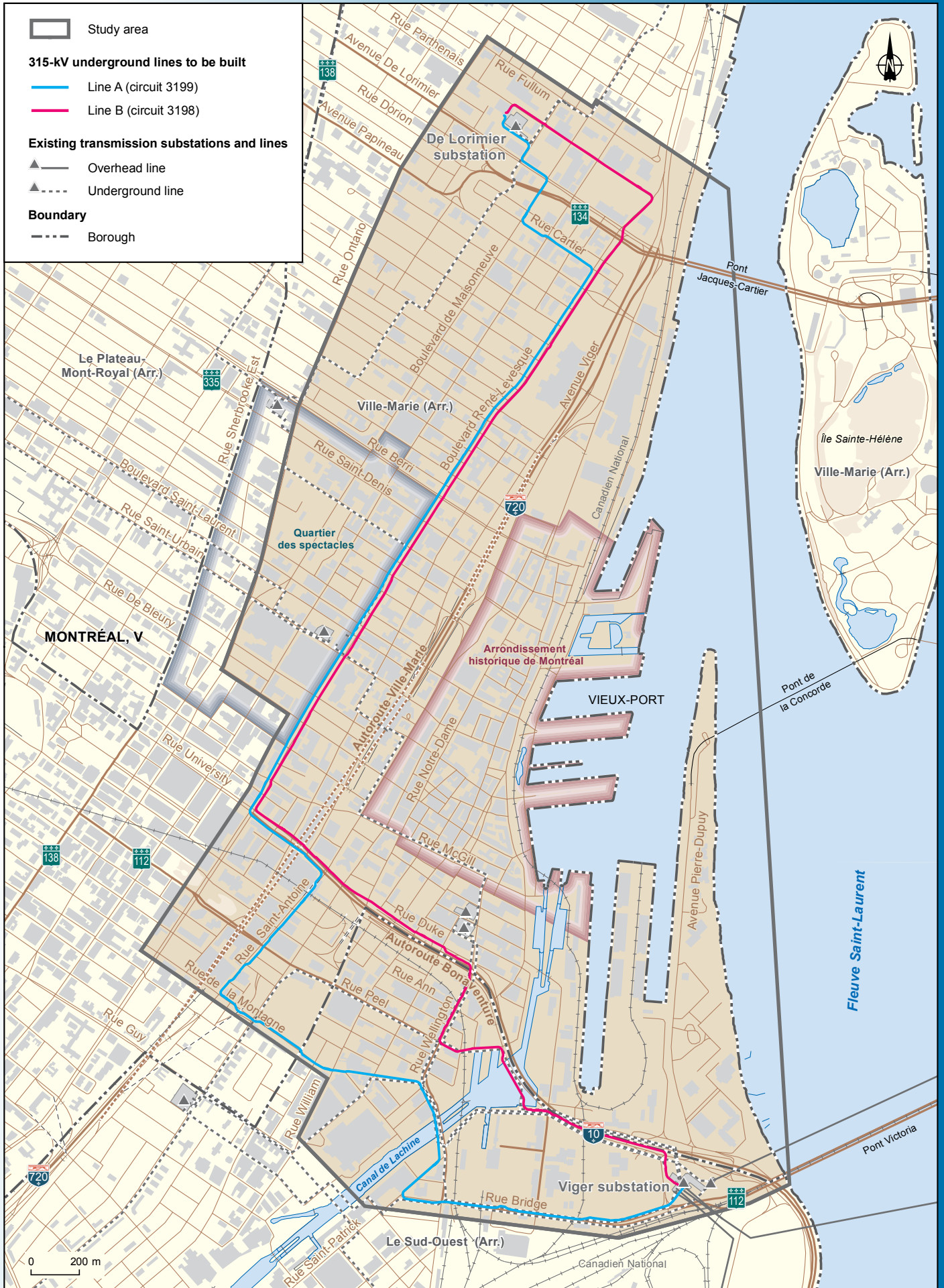
Since spring 2012, Hydro-Québec has been carrying out technical studies and detailed environmental studies to develop a thorough understanding of the host environment. A community participation project was also launched to inform and consult with local stakeholders.

In addition, Hydro-Québec will implement various mitigation measures, such as a white roof to reduce heat build-up as well as landscaping to better integrate the substation into the host environment.

Underground 315-kV supply lines

The two new supply lines will follow routes that take into account numerous technical and environmental elements, including underground congestion and the presence of sensitive elements in the area.







Schedule

Filing of the environmental impact statement	Spring 2013
Permitting	Fall 2014
Construction	Winter 2014-2015 to summer 2017
Commissioning	Fall 2017

For more information

514 385-8888, extension 3462

Project website:

www.hydroquebec.com/projects/delorimier.html



Ce document est également publié en français.
This is a translation of the original French text.

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