

315-kV Chénier–Outaouais Line



PROJECT NEWS

February 2009

Start of work

Having received the necessary government approvals, Hydro-Québec Équipement has started land clearing for the 315-kV Chénier–Outaouais line. Its entire 114 km length from Chénier substation in Mirabel to Outaouais substation in L'Ange-Gardien will be built in an existing power line right-of-way.

The line will reinforce Outaouais substation so that the Ontario interconnection will be able to supply firm capacity of 1,250 MW under

any grid operating conditions. It will also improve security of supply to the Outaouais region during ice storms. This project is part of the energy strategy of the Québec government.

The line will cross the following municipalities: Mirabel, Saint-Placide, Saint-André-d'Argenteuil, Brownsburg-Chatham, Grenville-sur-la-Rouge, Fassett, Notre-Dame-de-Bonsecours, Montebello, Papineauville, Saint-André-Avellin, Plaisance, Saint-Sixte, Lochaber, Lochaber-Partie-

Ouest, Mayo and L'Ange-Gardien, which are located in the regional county municipalities (or cities with RCM jurisdiction) of Mirabel, Deux-Montagnes, Argenteuil, Papineau and Collines-de-l'Outaouais.

The project also includes work to connect the line with Chénier and Outaouais substations. Environmental, technical and financial studies were conducted and public consultations were held prior to the start of work.

Technical characteristics

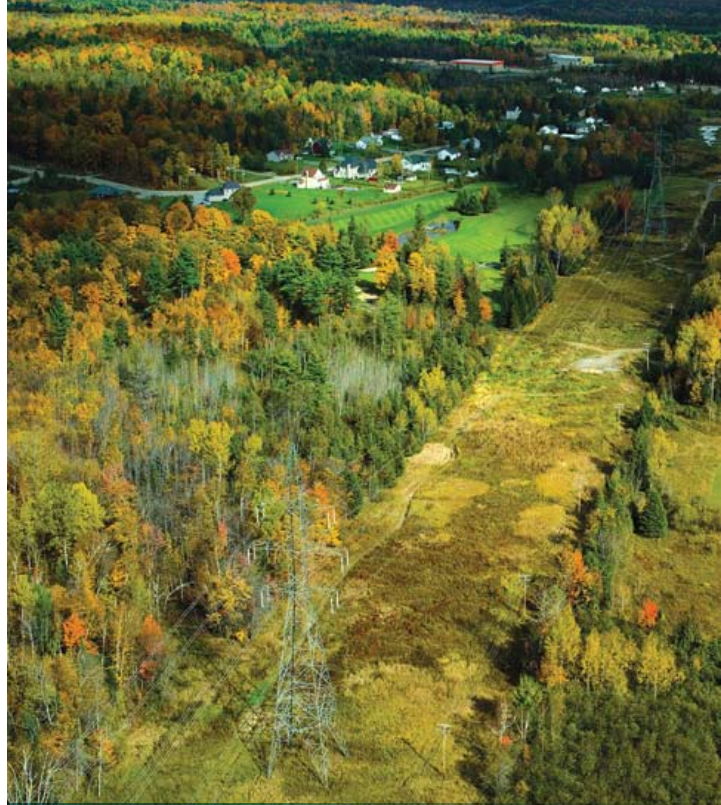
The Chénier–Outaouais line will be a 315-kV double-circuit line. It will be built entirely within the existing Chénier–Vignan line right-of-way.

It will be supported by 292 towers with an average span of 400 m. Wherever possible, the towers will be located next to those of the Chénier–Vignan line.

In agricultural areas, reduced-footprint towers specially designed for this project will be used.

Project schedule

Land clearing	Winter and spring 2009
Construction	Spring 2009 to spring 2010
Commissioning	Spring 2010



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For more information

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