

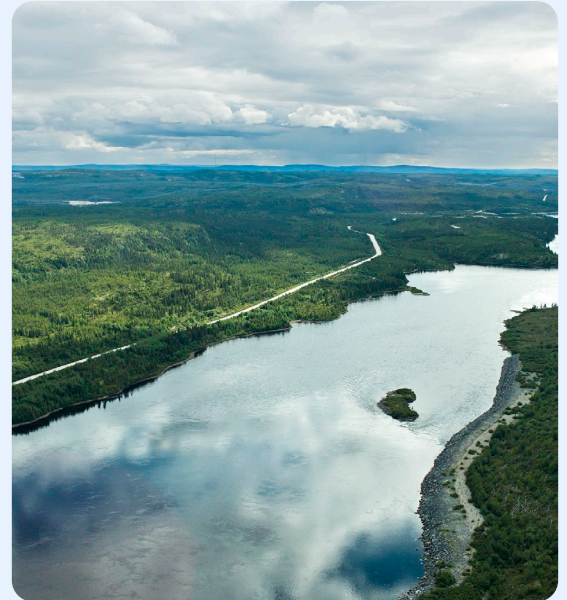
Potential La Grande Capacity Upgrades

Fall 2025

The generating units at Robert-Bourassa, La Grande-3 and La Grande-4 generating stations must be replaced, which makes it possible to consider increasing their installed capacity. The Grand Council of the Crees/Cree Nation Government and Hydro-Québec agreed to establish the Ayimihituunaanuwich Joint Process to assess the impacts of occasional higher flow rates while maintaining current operating levels, in compliance with maximum and minimal levels set out in the James Bay and Northern Quebec Agreement.

The *Potential Capacity Upgrades* aim at making optimal use of the existing facilities by replacing generating units with new units that could have an increased capacity. This would allow Hydro-Québec to better meet the demand for electricity during winter peaks (e.g. on the coldest days) and ensure safe and reliable operation of the generating stations.

An Environmental Study Program is underway to describe the current state of the natural and social environment and determine the possible scope and impacts of the potential La Grande capacity upgrades.



Proposed Timeline & Field Activities for 2025

Winter

- Land use studies, Cree knowledge and socioeconomic profile
- Water quality
- Hydrology & hydraulics
- Ice cover studies *



Fall

- Land use studies, Cree knowledge and socioeconomic profile
- Water quality
- Fish habitat



Spring

- Water quality
- Fish habitat **



Summer

- Shore dynamics
- Archaeology
- Land use studies, Cree knowledge and socioeconomic profile
- Hydrology & hydraulics
- Water quality
- Fish habitat



* Ice cover studies will be carried out in 2025 and 2026.

** Fish habitat studies will also be carried out in Spring 2026.

2024	2025-2026	2026-2029	2027-2028	2030-2041
<ul style="list-style-type: none"> Setting up Main and Technical Tables Information activities Field surveys 	Environmental campaign and studies in collaboration with Crees	Engineering, procurement and early works	Application for amendment of authorization supported by an environmental assessment (COMEX)	Main works and commissioning of generating units

Potential La Grande Capacity Upgrades



Your questions and comments are welcome

Please take a picture of the QR code to answer the online question and comment form.

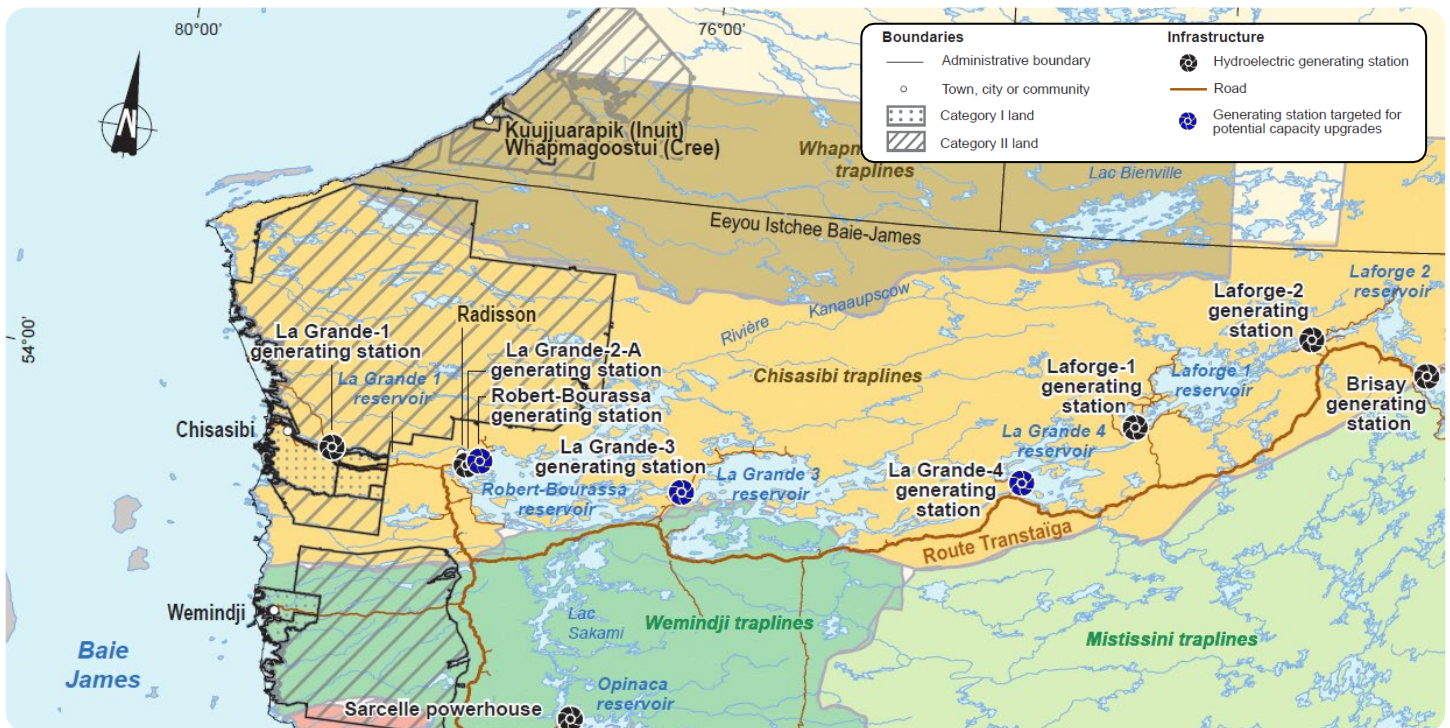


Ayimihituunaanuwich Joint Process

The Ayimihituunaanuwich joint process established the creation of the Main Table and the Technical Table. The Main Table is a forum for cooperation and oversight of the Joint Process and a possible collaboration agreement. The Technical Table is supervising the environmental study program to evaluate the potential environmental, social and cultural impacts of the potential upgrades.



The Technical Table is comprised of representatives from the Cree Nations of Chisasibi, Wemindji, and Mistissini, as well as Hydro-Québec.



Facility Locations for Potential La Grande Capacity Upgrades. Source : Hydro-Québec

For more information

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