

GE Vernova to support modernization of Rio Tinto's Isle Maligne hydropower plant in Canada

- GE Vernova and Rio Tinto are collaborating to upgrade eight turbine-alternator units at the plant
- The project aims to enhance the performance and lifetime of the nearly 100-years old plant
- The modernization will help Rio Tinto supply energy for its five low-carbon aluminum smelters in the Saguenay – Lac-Saint-Jean region of Quebec

BROSSARD, CANADA (June 26, 2025) GE Vernova Inc. (NYSE: GEV) announced today that it has secured an order from Rio Tinto, one of Canada's largest private producers of hydroelectricity, for the upgrade of eight turbine-alternator units at the Isle Maligne hydropower plant in the Saguenay-Lac-Saint-Jean region of Quebec, Canada. The plant features twelve Francis hydropower units in total.

The modernization of this nearly 100-year-old hydropower plant is expected to enhance the performance of the units and their lifetime for decades to come. It will help Rio Tinto supply energy for its five low-carbon aluminum smelters facility in Saguenay – Lac-Saint-Jean.

Last year, under a previous agreement, GE Vernova modernized one generator at the Isle-Maligne plant. After that, Rio Tinto and GE Vernova made the decision to issue a more holistic approach for the modernization of the remaining eight turbine-alternator units. This larger and longer-term scope will enable early engagement and close collaboration between the two companies. It gives the visibility needed to plan, design, and secure the supply chain, providing Rio Tinto with an optimized project schedule and reduced total cost of ownership, while



ensuring efficient and timely project execution. The first unit modernization is expected in 2026 and the last one by 2032.

This project is the result of the longstanding collaboration between Rio Tinto and GE Vernova, which involved work on several hydropower plants located in the province of Quebec, Canada, such as Shipshaw.

Sébastien Ross Managing Director for Atlantic Operations, Rio Tinto Aluminium said: “The Isle-Maligne hydroelectric power plant has been a strategic asset for Rio Tinto for 100 years, drawing on the expertise and dedication of multiple generations of employees and business partners. This major investment to modernise our facilities will ensure the long-term future and competitiveness of our low carbon aluminium production in Quebec for decades to come for our Canadian and American customers.”

Frederic Ribieras, Hydro Power CEO, GE Vernova, said: “This modernization project at the Isle Maligne plant is a testament of how we can achieve greater efficiency and performance without altering the core infrastructure. And, this long-term collaboration will be critical to help secure the supply chain in a capacity-constrained market, with pressure on the industry to execute on many projects.”

Canada has one of the least carbon intensive energy systems in the world, in large part thanks to hydropower, which supplies around 60% of the country’s electricity needs. However, the average age of hydropower plants in Canada is 53 years old. By 2050, electricity demand is expected to double in Canada. Modernizing its existing hydropower fleet will be essential to meet that growing demand with clean and reliable power.

In Canada, GE Vernova’s team of over 2,000 talented employees, backed by a legacy spanning more than 130 years, is driving meaningful change by supporting our customers from coast to coast to coast with power generation, transmission, conversion, storage, and orchestration solutions.

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Notes to editors

Financial Editors: Please note this order was booked in the first quarter of 2025.

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About GE Vernova

GE Vernova Inc. (NYSE: GEV) is a purpose-built global energy company that includes Power, Electrification and Wind segments and is supported by its accelerator businesses. Building on over 130 years of experience tackling the world's challenges, GE Vernova is uniquely positioned to help lead the energy transition by continuing to electrify the world while simultaneously working to decarbonize it. GE Vernova helps customers power economies and deliver electricity that is vital to health, safety, security, and improved quality of life. GE Vernova is headquartered in Cambridge, Massachusetts, U.S., with approximately 85,000 employees across approximately 100 countries around the world. Supported by the Company's purpose, The Energy to Change the World, GE Vernova technology helps deliver a more affordable, reliable, sustainable, and secure energy future.

GE Vernova's **Hydro Power** business produces advanced technologies that harness the power of water to help deliver reliable power to some of the world's largest economies and remote communities



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