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ORPC Canada to Launch Its First Urban Project with Proven Water Power System in the St. Lawrence River, Quebec

Canada Invests in a River Current Energy Project to Support Communities with Affordable, Reliable Clean Energy

Montreal, Quebec, February 4, 2026 – ORPC Canada will deploy its proven RivGen® hydrokinetic power system in the St. Lawrence River, Montreal, in the first urban-scale installation of the product. Designed to deliver stable, predictable, and affordable local power, the project will activate the energy potential of a major urban river.

Implemented in a dense urban environment, the project will confirm the ability of the RivGen Power System to safely coexist with aquatic ecosystems and existing river users. The project will generate real-world performance data that helps reduce risk for future deployments and supports broad adoption of hydrokinetic energy across Canada, in both remote and urban settings.

The RivGen Power System to be deployed in Montreal builds on ORPC’s longest-operating marine energy project in Alaska which anchors ORPC’s work in long-term operation, durability, and consistent power delivery across diverse river environments — from remote regions to complex, multi-use waterways. Montreal represents a new context—water as a continuous energy resource, shaped by its environment and shared uses.

Today, Parliamentary Secretary Claude Guay, on behalf of the Honourable Tim Hodgson, Minister of Energy and Natural Resources, announced \$4 million in funding to ORPC Canada through Natural Resources Canada’s [Energy Innovation Program](#). This investment supports Canada’s efforts to strengthen a more diversified, resilient, and lower-carbon energy mix in Canada, by advancing technologies capable of delivering predictable, locally generated power.

Scheduled to begin in 2026 and continue through 2029, the project will demonstrate the role of the RivGen Power System in delivering reliable, locally generated clean energy in the densely populated St. Lawrence River region, while meeting environmental, safety, grid connection and public-use requirements.

Beyond the deployment itself, the project is also intended to contribute to knowledge sharing and dialogue within the broader energy ecosystem, through technical exchanges, public forums, and industry events.

Quotes

“This project is first and foremost about water—a resource that moves constantly—that cities have lived alongside for centuries, and that can now be part of how we power them. What we are doing in Montreal is rooted in long-term experience, but it looks forward—toward energy solutions that work with natural flows, respect their environments, and can be adapted well beyond a single site. This is about continuity, resilience, and building energy systems that make sense over time.”

*Alexandre Paris
President, ORPC Canada*

“With this investment, we are supporting made-in-Canada innovation for clean, reliable and affordable electricity while showcasing Canadian technology to the world. Projects like this one strengthens Canada’s drive toward a net-zero electricity grid by 2050, demonstrating how clean, renewable energy can align local resources with appropriate technologies to meet our growing power demands. Modernizing our energy systems is a key part of our mission to build big things again, strengthen our energy security and ensure Canada leads the next generation of clean technologies.”

*The Honourable Tim Hodgson
Minister of Energy and Natural Resources*

About

ORPC and Quebec-based ORPC Canada is a global leader in proven energy solutions from free-flowing rivers and tides. The company has projects across North America – from the Northwest Territories to Manitoba, Alaska to Louisiana, and now in Quebec – serving utilities and industrial customers, as well as remote and urban communities, in on- and off-grid applications.

Beyond technology deployment, ORPC enables communities and public partners to activate the energy potential of their waterways, integrating long-term, water-based energy solutions into real-world environments.

For more information [ORPC Canada website](#)

Media [Link for photos + video to accompany announcement](#)