

EQACC SOLAR

Canadian Flow Battery Planning



Overview

What is the Canadian battery Innovation Roadmap?

The Canadian Battery Innovation Roadmap from the Accelerate alliance is “a strategy to establish Canada as a global leader in battery technology by 2035” Accelerate’s new report, titled the “Canadian Battery Innovation Roadmap,” presents an analysis of Canada’s battery ecosystem and makes recommendations for actions to increase competitiveness.

How can Canada become a global leader in battery technology?

This roadmap envisions Canada as a global leader in clean, innovative battery technology and a hub for sustainable battery production in North America by 2035. Achieving this vision requires addressing key challenges and leveraging Canada’s strengths through a coordinated, strategic approach involving government, industry, and academia.

Can a flow battery save energy?

Flow battery advocates say their water-based technology needs a fraction of the metals used in lithium batteries and can store energy longer and without fire risk. But high costs could limit its role in renewable energy storage.

What is Canada's battery Innovation Program?

This project, funded through Natural Resources Canada’s Energy Innovation Program, will also enable Canada’s battery innovators, including stakeholders across industry, academia and government, to advance their priorities for a sustainable battery ecosystem while cementing Canadian battery innovation leadership in the global marketplace.

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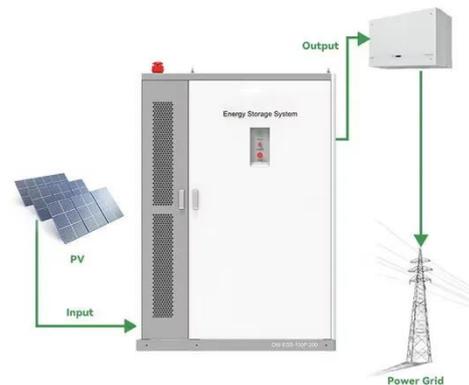
Canada Invests in Battery Innovation Roadmap

The Accelerate ZEV industrial alliance has released a roadmap produced in conjunction with The Transition Accelerator detailing what Canada needs to do to maintain its ...

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Flow battery advocates say their water-based technology needs a fraction of the metals used in lithium batteries and can store energy longer and without fire risk. But high ...



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New roadmap plots path to Canada battery innovation success

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B.C. cleantech at crossroads as battery sector ...

Battery and hydrogen projects stall as E-One Moli, Ballard, Moment, Ionomr, Svante, and Invinity navigate B.C.'s shifting cleantech ...

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Canada's Battery Innovation Roadmap

This roadmap envisions Canada as a global leader in clean, innovative battery technology and a hub for sustainable battery production in North America by 2035. Achieving ...

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A Roadmap for Canada's Battery Value Chain

To seize its enormous opportunities in the battery metals value chain, Canada needs a bold national strategy, roadmap, and action plan.

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Canadian Cleantech Unveils Launch of 'Key Projects' to Scale Battery

An Edmonton-based company innovating flow battery technology for energy



storage this month announced the launch of multiple "key pilot projects." Alberta's Aqua-Cell ...

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Canada Invests in Battery Innovation Roadmap

This funding supports Accelerate Alliance in building a battery innovation roadmap that charts Canada's capacity to develop, commercialize and scale up a sustainable domestic ...

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B.C. cleantech at crossroads as battery sector struggles

Battery and hydrogen projects stall as E-One Moli, Ballard, Moment, Ionorr, Svante, and Invinity navigate B.C.'s shifting cleantech landscape.

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A Batteries Blueprint for Canada

Canadian Battery Task Force members also intend to leverage this Blueprint as a resource when providing input on the

broad suite of battery-related federal policy and ...

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Market Snapshot: Energy storage in Canada ...

There are different types of batteries used for large-scale energy storage, such as lithium-ion, lead acid, redox-flow, and molten ...

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Market Snapshot: Energy storage in Canada may multiply by ...

There are different types of batteries used for large-scale energy storage, such as lithium-ion, lead acid, redox-flow, and molten salt. 11 Among these, lithium-ion batteries are ...

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Canadian Battery Ecosystem

Emerging EV Battery Supply Chain In support of the EV transition, Canada has secured major private investments,



including from global companies, in key battery segments: ...

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