

Ottawa Industrial Energy Storage





Overview

What is Trail Road battery energy storage systems?

Trail Road Battery Energy Storage Systems is a 150 MW battery storage project with 600 MWh of energy storage, located in the City of Ottawa, Ontario. Evolugen has partnered with AOPFN to develop, own and operate both the Fitzroy and Trail Road BESS projects.

What is battery energy storage systems (Bess)?

Battery Energy Storage Systems (BESS) – Frequently Asked Questions (FAQ's)
What are Battery Energy Storage Systems (BESS)?

Battery Energy Storage Systems (BESS) are energy retention systems that store and then discharge electricity back into the electricity grid when supply is low or when energy is most expensive.

What is the largest energy storage procurement in Canada?

This represented the largest energy storage procurement ever in Canada. A report was tabled at the November 30, 2023 Agricultural and Rural Affairs Committee on four proposed BESS projects within Ottawa, one of which project received Council support, known as a Municipal Support Resolution (MSR).

What is a battery energy storage system?

Battery Energy Storage Systems support the integration of flexible generation resources and provide intelligent resilience to the regional electricity grid. Ottawa BESS 2 will further support the electrification of transport and the environmental sustainability goals laid out by the plans from the City of Ottawa.



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Where are battery energy storage systems being built? BESSes are already approved or under construction in Jarvis, Napanee and Spencerville. In Ottawa, a 150-megawatt battery-storage ...

Statement: Ottawa Council Applauded for Advancing ...

1 day ago · The Battery Energy Storage System (BESS) enables Ottawa to integrate six newly approved solar projects and reduce increasing reliance on gas-fired electricity during peak ...

Battery Energy Storage Systems (BESS) ...

January 14, 2025 In October 2023, the Independent Electricity Systems Operator (IESO) put out a call for proposals for new Battery Energy ...

Ottawa BESS 2

Ottawa BESS 2 is a proposed up to 75 Mega-Watt ("MW") lithium-ion Battery Energy Storage System ("BESS") that will be located at 2393 8th Line Road, Ottawa, ON, K0A 2P0. The ...

Battery Energy Storage System (BESS) Information

May 29, 2025 · Support for the Battery Energy Storage System (BESS) Project in West Carleton Letter from Chief Greg Sarazin, Algonquins of Pikwàkanagàn First Nation Strategic Energy ...

Battery Energy Storage System (BESS) ...

May 29, 2025 · Support for the Battery Energy Storage System (BESS) Project in West Carleton Letter from Chief Greg Sarazin, Algonquins of ...

Regulations approved for battery energy storage systems in Ottawa

Jan 30, 2025 · The Agriculture and Rural Affairs Committee in Ottawa approved Official Plan and zoning amendments to establish land-use policy for siting Battery Energy Storage Systems ...

Two Battery Energy Storage System Projects Selected by the ...

May 16, 2024 · Trail Road Battery Energy Storage Systems is a 150 MW battery storage project with 600 MWh of energy storage, located in the City of Ottawa, Ontario. Evolugen has ...

Ottawa approves new regulation for battery ...

Jan 27, 2025 · Specifically, the new regulations establish a maximum size limit of 20% of the lot area within commercial, industrial, institutional ...

Market Snapshot: Energy storage in Canada ...

Jul 23, 2025 · BESS is the fastest growing energy storage technology in Canada and is also the dominant storage technology in terms of capacity ...



Two Battery Energy Storage System Projects ...

May 16, 2024 · Trail Road Battery Energy Storage Systems is a 150 MW battery storage project with 600 MWh of energy storage, located in the ...

OTTAWA Committee approves regulations for battery energy storage ...

The Agriculture and Rural Affairs Committee today (Jan 23) approved Official Plan and zoning amendments to establish land-use policy for siting Battery Energy Storage Systems (BE. . .

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

Jul 23, 2025 · BESS is the fastest growing energy storage technology in Canada and is also the dominant storage technology in terms of capacity and number of sites. All but four projects ...

Battery Energy Storage Systems (BESS) Frequently Asked ...

January 14, 2025 In October 2023, the Independent Electricity Systems Operator (IESO) put out a call for proposals for new Battery Energy Storage Systems (BESS). Through this competitive ...

Ottawa approves new regulation for battery storage

Jan 27, 2025 · Specifically, the new regulations establish a maximum size limit of 20% of the lot area within commercial, industrial, institutional zones. While the province is the regulator and ...

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