

# What are the energy storage power stations in Ottawa





## Overview

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Does Ottawa have a battery energy storage plan?

In 2025, the City of Ottawa established official plan and zoning provisions for battery energy storage uses in accordance with new Official Plan policy. BESS is an emerging technology using batteries and associated equipment to store excess energy from the electrical grid, which can then discharge energy in periods of high demand.

What is a lithium-ion battery energy storage system?

Although energy storage comes in different shapes and sizes, the lithium-ion Battery Energy Storage System (“BESS”) is the fastest emerging technology in North America and is planned to be deployed in the City of Ottawa with the Ottawa BESS 2 Project.

Who approves energy storage systems in Ontario?

The primary authority for the Installation and Approval of Energy Storage Systems connected to the electrical grid in Ontario is the Electrical Safety Authority (ESA). The ESA administers Part VIII of the Electricity Act and oversees the Ontario Electrical Safety Code (OESC).

Who owns energy supply in Ontario?

While the Province of Ontario is the regulator and owner of electricity generation supplies, municipalities have siting authority over new proposed renewable energy generation and storage projects, such as BESS. The approved amendments set policy direction for siting BESS within Ottawa’s rural and urban areas.



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City approves zoning of battery storage building

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Battery Energy Storage Systems (BESS) Provisions

Jul 28, 2025 · In 2025, the City of Ottawa established official plan and zoning provisions for battery energy storage uses in accordance with new Official Plan policy.

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Ottawa council votes to support new battery facility

Jun 12, 2025 · Ottawa council votes to support new battery facility Council voted to move forward on a controversial battery energy storage system despite the objections of rural councillors ...

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Explaining the need for battery energy storage in Ottawa

Jun 30, 2025 · Professor Schell was interviewed by Stu Mills of CBC Ottawa to explain the need for battery energy storage systems in the Ontario power grid, and particularly in Ottawa. With ...

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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 ...

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Regulations approved for battery energy storage systems in Ottawa

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Huge electrical storage project sparks controversy , Ottawa ...

Jun 7, 2025 · Massive Battery Energy Storage System project sparks controversy at Ottawa committee meeting City approval is being sought for a Battery Energy Storage System (BESS) ...

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