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Ottawa New Energy Project Energy Storage Policy



Overview

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.

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.

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).

Should Bess be added to the city of Ottawa's official plan?

The report begins by recognising the complexity and uniqueness of BESS installations, recommending the addition of a new section to the City of Ottawa's development guidelines, known as the Official Plan, specifically aimed at new battery storage facilities.

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Massive Battery Energy Storage System project sparks controversy at Ottawa committee meeting City approval is being sought ...

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The purpose of Official Plan Amendment 36 is to add new land use policy direction specific to Battery Energy Storage Systems (BESS) as a result of recent project proposals.

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 ...

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The city of Ottawa. Image: WikiCommons / Flickr / ceedub13. Developers looking to build new BESS facilities in Canada's capital will have to adhere to stricter regulations, ...

The City of Ottawa's Agriculture and Rural Affairs Committee approved the changes for Battery Energy Storage Systems (BESS), set to guide the land use policy ...

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

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 ...

A city committee has passed new regulations establishing land use policy for companies looking to build battery energy storage systems (BESS) in Ottawa.

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Applicant's Proposal A battery energy storage system (BESS) is an emerging technology using batteries and associated equipment to store excess energy from the ...

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