

Ottawa Energy Storage Cabin Equipment





Overview

Who built the first utility scale energy storage system in Ottawa?

The first utility scale energy storage system in the Ottawa area. CIMA+ was hired by PCL Constructors Canada Inc. as a consultant for their client Canadian Solar Solutions Inc. as they completed the design and construction of the Battery Energy Storage System (BESS).

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 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).

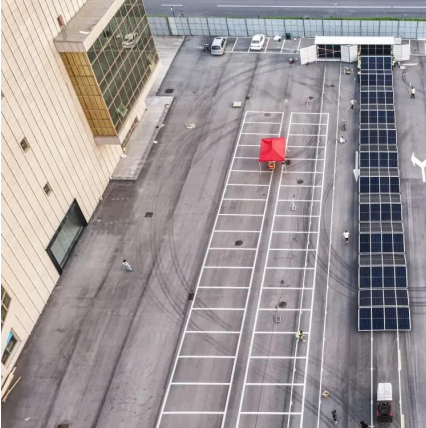
Does Ottawa fire services provide water storage?

Water storage may be available on-site, and Ottawa Fire Services is Superior Tanker Shuttle certified to maintain continuous water delivery as needed. Will Ottawa Fire Services inspect and certify that BESS projects are safe before they are operational?

OFS plays a role in ensuring the safety of BESS projects.



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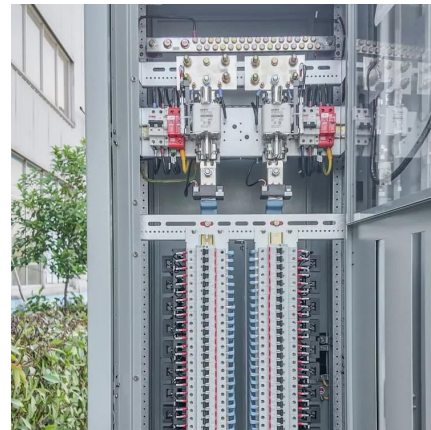


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[Explaining the need for battery energy storage in Ottawa](#)

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[Battery Energy Storage System \(BESS\) Information](#)

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Ellwood Energy Storage, Substation Connected Battery Energy Storage

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