

SolarTech Power Solutions

Ottawa Independent Energy Storage Project



Overview

The Project represents a cost-effective solution to add capacity, enhance flexible grid operations, and save greenhouse gas (GHG) emissions in Ontario by reducing the need for carbon-intensive power plants during times of peak demand. 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.

Can battery energy storage systems solve Ontario's Energy Crisis?

With electricity demand in Ontario projected to rise by 75 per cent by 2050, the province faces a critical challenge: ensuring a stable, affordable, and sustainable power supply. Battery energy storage systems (BESS) are emerging as a key solution to this growing need. Evolugen's South March BESS is one such project designed to meet this 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).

Where is a battery energy storage system near Dunrobin?

City approval is being sought for a Battery Energy Storage System (BESS) near Dunrobin. A map posted on the website of Evolugen shows the location of the proposed South March Battery Energy Storage System (BESS) at 2555 and 2625 Marchurst Rd. near Dubrobin. Photo by EVOLUGEN / HANDOUT.

Is a 250-megawatt battery storage project in Ottawa down?

This post has been updated with a comment from Evolugen's Geoff Wright. A proposed 250-megawatt battery storage project in Ottawa's rural west is down but not out, after the city's Agriculture and Rural Affairs Committee (ARAC) voted unanimously last week to reject the plan.

Ottawa Independent Energy Storage Project



Ottawa County project marks energy storage developer's ...

4 days ago · A nationwide developer of battery energy storage projects intended to hold and dispatch electricity during key times of the day plans one of its first Michigan facilities in Ottawa ...

Contentious rural Ottawa battery facility gets nod from council

Jun 12, 2025 · Ottawa city council has thrown its support behind a battery facility in rural west Ottawa, after rural councillors rebuffed the same appeal last week.

Test certification
CE FC



Battery Energy Storage Systems look for a home in Ottawa

Sep 21, 2024 · In Ottawa, a 150-megawatt battery-storage project for Trail Road has received municipal approval, but a 250-megawatt project by Evolugen for Fitzroy Harbour is facing ...

Municipal Resort Resolution

Jun 24, 2025 · The South March BESS Project will deliver critical infrastructure for the residents and economy of the City of Ottawa and help support a reliable supply of energy at a time when

...



Energy storage project expected to attract more businesses ...

Jan 3, 2025 · A \$750-million energy storage project expected to break ground in late 2025 or early 2026 could be a catalyst for attracting new industries to Eastern Ontario, officials say.

Ontario backs 7 battery storage projects, natural ...

May 19, 2023 · Ontario's Independent Electricity System Operator (IESO) has unveiled its largest procurement of battery energy storage projects to date ...



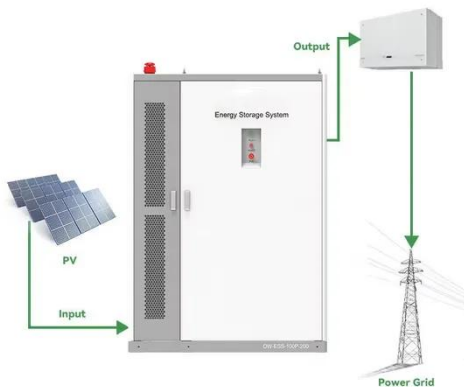


Ontario to Rely on Battery Storage to Meet ...

Apr 4, 2025 · As more storage resources are integrated into the grid, the province is positioning itself to meet its rising energy needs while also advancing its ...

Battery Energy Storage Systems (BESS) Provisions , Engage Ottawa

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.



Ontario's electricity system moves forward with largest energy storage

May 16, 2023 · Ontario's electricity system moves forward with largest energy storage procurement ever in Canada May 16, 2023 Independent Electricity System Operator ...

South March battery energy storage project

gets municipal ...

5 days ago · Ottawa city council overturned a unanimous rejection of a municipal support resolution (MSR) for a controversial battery energy storage system (BESS) in the South March ...



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

May 18, 2024 · The Fitzroy and Trail Road battery storage projects, both located in the City of Ottawa, Ontario, are expected to be in commercial operation for mid-2027.

Company gets 2nd crack at pitching contentious ...

May 19, 2024 · A renewable energy company based in Gatineau, Que., is getting a second crack at garnering the local support it needs for a proposed battery ...



Committee approves regulations for battery energy storage ...

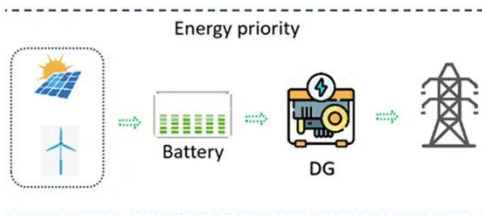
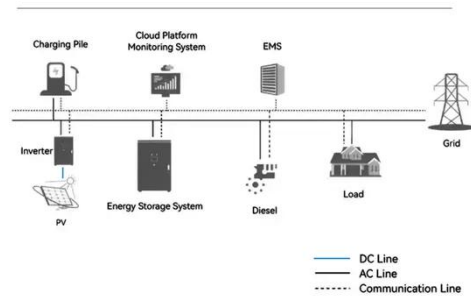


Jan 23, 2025 · The Agriculture and Rural Affairs Committee today approved Official Plan and zoning amendments to establish land-use policy for siting Battery Energy Storage Systems ...

New BESS siting and fire regulations coming to Ottawa

Jan 28, 2025 · 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, ...

System Topology



Ottawa council votes to support new battery ...

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 ...

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