

## SolarInnovate Energy Solutions

# Ottawa Industrial Energy Storage



## Overview

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Ottawa BESS 2 is a proposed up to 75 Mega-Watt (“MW”) lithium-ion battery storage Project located at 2393 8th Line Road, Ottawa, ON, K0A 2P0, under development by Ottawa BESS 2 Limited Partnership. 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.

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.

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 Dunrobin. Photo by EVOLUGEN / HANDOUT.

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 project for Trail Road has received municipal approval, but a 250-megawatt project by Evolugen for Fitzroy Harbour is facing pushback from some community members. Why Battery Energy Storage Systems?

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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 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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### **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 ...

### **Ontario plunging into energy storage as electricity**

Dec 26, 2022 · The province's energy needs are quickly rising, with the proliferation of electric vehicles and increasing manufacturing demand for electricity on the horizon just as a large ...



### **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.

## Regulations approved for battery energy storage systems in Ottawa

Jan 30, 2025 · While the Province of Ontario is the regulator and owner of electricity generation supplies, municipalities have siting authority over new proposed renewable energy generation ...



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