

Ottawa Smart Energy Storage Station





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.

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.

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.

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 Evolgen 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



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Explaining the need for battery energy ...

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 ...

Regulations approved for battery energy storage systems in Ottawa

Jan 30, 2025 · The Agriculture and Rural Affairs Committee in Ottawa approved Official Plan and zoning amendments to establish land-use policy for siting Battery Energy Storage Systems ...

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) ...

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.

BluWave-ai and Evolgen Sign Project for Energy Storage ...

OTTAWA, Canada - May 12, 2025 BluWave-ai and Evolgen today announced an initial project to run the BluWave-ai Energy Storage Autopilot(TM) to automate operations of grid-scale ...

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 ...

Ottawa Outdoor Energy Storage Power Supply: The Future of ...

Why Ottawa Needs Advanced Outdoor Energy Storage Systems Ever wondered how Ottawa's hospitals keep running during ice storms? Or how construction sites maintain productivity ...

City approves zoning of battery storage building

Jan 24, 2025 · 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 ...

Battery Energy Storage System (BESS) ...

May 29, 2025 · City of Ottawa - Battery Energy Storage Systems (BESS) - Land Use Planning Considerations by Minister Stephen Lecce Support for ...

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 Road, Ottawa, ON, K0A 2P0.



Ottawa Leading the Way with Battery Energy Storage ...

Feb 10, 2025 · Ottawa is leading the way in sustainable energy by implementing new land-use policies for Battery Energy Storage Systems (BESS), ensuring both innovation and safety in ...

City approves zoning of battery storage ...

Jan 24, 2025 · The City of Ottawa's Agriculture and Rural Affairs Committee approved the changes for Battery Energy Storage Systems (BESS), set to ...

Battery Energy Storage Systems (BESS) ...

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 ...

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Battery Energy Storage System (BESS) Information

May 29, 2025 · City of Ottawa - Battery Energy Storage Systems (BESS) - Land Use Planning Considerations by Minister Stephen Lecce Support for the Battery Energy Storage System ...

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