

Ottawa Smart Energy Storage Device





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 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).

Could artificial intelligence help Hydro Ottawa handle energy demand?

Photo by BLAIR CRAWFORD / POSTMEDIA New federal funding to help Hydro Ottawa build out an artificial intelligence system could help the Kanata North tech park handle its immense demand for energy, the ward councillor says. [Subscribe now to read the latest news in your city and across Canada.](#)

Will \$6 million go toward Hydro Ottawa's energy resource accelerator program?

\$6 million from the federal government's Energy Innovation Program will go toward the utility's Ottawa Energy Resource Accelerator program. Hydro Ottawa CEO Bryce Conrad said most of the \$6 million in federal funding announced Thursday would go toward paying for back-room computer systems running the AI algorithm.



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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 Evolugen Sign Project for Energy Storage ...

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

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 ...

Federal funds for Hydro Ottawa AI system , Ottawa Citizen

15 hours ago · Federal funds for Hydro Ottawa AI system could help feed power-hungry Kanata tech park, councillor says \$6 million from the federal government's Energy Innovation Program ...

Invest Ottawa Invest Ottawa Highlights BluWave-ai and Area ...

Oct 6, 2025 · Ottawa: A Hub for Smart Energy and AI Innovation Ottawa is home to one of Canada's strongest clusters in AI, cleantech, and smart infrastructure, with more than 1,800 ...

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 ...

Battery Storage , Ensure Your Power Stability -- Ottawa Solar ...

Explore battery storage solutions with Ottawa Solar Power. Achieve energy independence and reliable backup for your home or business.

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

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

Hydro Ottawa to adopt AI to monitor demand on grid

21 hours ago · The federal government is giving Hydro Ottawa \$6 million toward implementing artificial intelligence to predict when the electricity grid might face peaks in demand.

Statement: Ottawa Council Applauded for Advancing ...

1 day ago · 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 ...



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 ...

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