



Ottawa energy storage project





Overview

On May 9, 2024, the IESO announced that ten proposed BESS projects were selected, totaling 1,784 megawatts (MW) of energy storage, including two to be located in rural west Ottawa.

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The Ottawa BESS 2 Project, among other electricity storage sites, will help address emerging global and regional electricity needs for the coming decades. When Ontario's electricity grid needs more power (like on the hottest days of the year), the IESO turns to on-demand resources, like energy.

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.

Environmental organizations and a local renewable energy co-op are applauding Ottawa City Council's approval of a controversial and hard-fought battery energy storage project, especially coming after councillors green-lit six solar projects. "This is Ottawa's largest-ever battery storage project.

The battery storage project alongside the six solar projects Council supported earlier this fall will reduce the city's reliance on expensive gas-fired electricity during peak demand and strengthen Ottawa's ability to meet its climate and energy commitments. "This is Ottawa's largest-ever battery.

Ottawa Fire Services (OFS) develops emergency response plans based upon the occupancy and hazards for the location and then develops standardized response codes that meet these needs. OFS will ensure that fire protection systems are sufficient and meet applicable standards as well as determine the.



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Ottawa BESS 2

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 ...

[Two Battery Energy Storage System Projects ...](#)

Trail Road Battery Energy Storage Systems is a 150 MW battery storage project with 600 MWh of energy storage, located in the ...



['Nobody wants it here': Ottawa County's Blendon Township rallies](#)

Signs popping up across Ottawa County's Blendon Township illustrate one of many reasons local residents are pushing back against a proposed battery energy storage ...

[Battery Energy Storage Systems \(BESS\) Provisions](#)

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including two to be located in rural ...



[Massive Battery Energy Storage System project ...](#)

Massive Battery Energy Storage System project sparks controversy at Ottawa committee meeting
City approval is being sought ...

[Province breaks ground on battery energy storage system in ...](#)

Ontario Premier Doug Ford, flanked by his energy minister and leaders of the Algonquins of Pikwakanagan First Nation, broke ground Wednesday on a new battery energy ...



[City approves zoning of battery storage building](#)

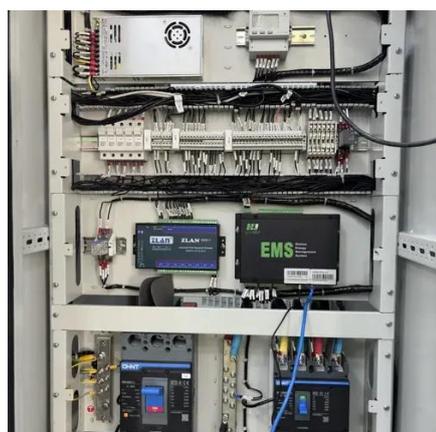
According to Ottawa, the province regulates electricity generation supplies but municipalities have authority over new proposed ...





[City approves zoning of battery storage building](#)

According to Ottawa, the province regulates electricity generation supplies but municipalities have authority over new proposed renewable energy generation and storage ...



[Rural councillors deny support for battery facility as company ...](#)

Evolgen, a Gatineau-based renewable energy company owned by Brookfield Renewable, is seeking to build a battery energy storage system (BESS) at the site. BESS ...

[South March battery energy storage project gets municipal support](#)

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 area.



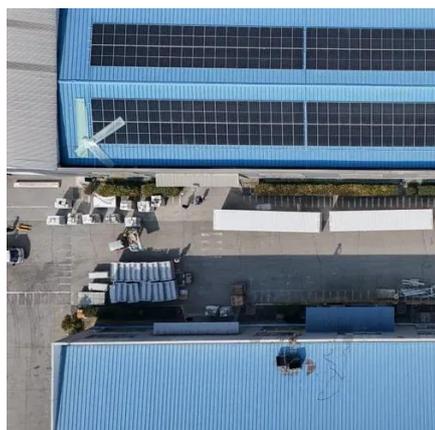
[Minister of Energy Backs South March Battery Energy Storage Project](#)

Minister of Energy Submits Letter in Support of South March BESS *Special to WC Online* June 4, 2025 OTTAWA - On April 15, Ontario's Minister of Energy, Stephen...



['Nobody wants it here': Ottawa County's Blendon ...](#)

Signs popping up across Ottawa County's Blendon Township illustrate one of many reasons local residents are pushing back against a ...



[Huge electrical storage project sparks controversy ...](#)

More than 60 speakers lined up Thursday to speak to the City of Ottawa's Agricultural and Rural Affairs Committee over a proposal to ...

[Neighbors worry about proposed battery energy ...](#)

Ottawa County could soon be home to a brand-new battery energy storage system, but it has sparked controversy in the community ...



[Statement: Ottawa Council Applauded for Advancing Landmark ...](#)

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 hours.



Ottawa city council throws support behind rural battery energy storage

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 area.

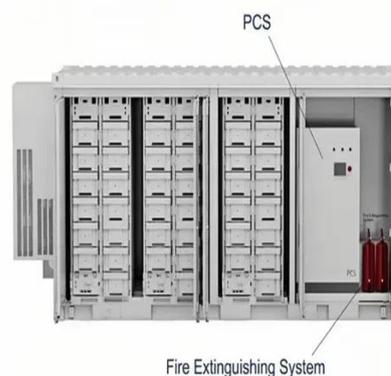


Battery project highlights clash between city's energy goals and ...

A massive energy storage facility to be located in rural west-end Ottawa was recently approved by city council, but remains a contentious project among locals in the area.

West Michigan township considers 100-megawatt battery storage project

OTTAWA COUNTY, MI -- An energy storage company with a big footprint in Texas is eyeing West Michigan for its next project. Key Capture Energy is working to construct a four-hour, 100 ...



Battery Energy Storage System (BESS) Information

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 ...



Trail Road BESS

Evolugen is proposing the Trail Road Battery Energy Storage System (BESS) Project, which directly responds to the Independent Electricity ...

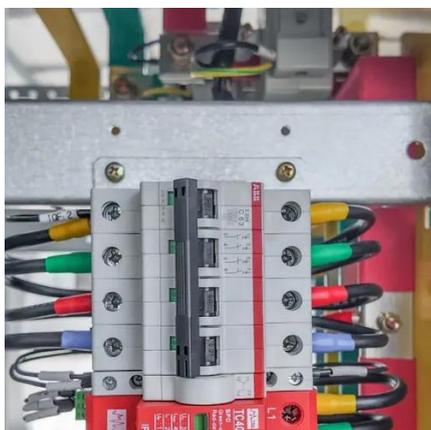


[Rural councillors deny support for battery facility as ...](#)

Evolugen, a Gatineau-based renewable energy company owned by Brookfield Renewable, is seeking to build a battery energy ...

[Proponent Flags Problems with Provincial Process as Ottawa ...](#)

Environmental organizations and a local renewable energy co-op are applauding Ottawa City Council's approval of a controversial and hard-fought battery energy storage ...



[Ottawa Battery Project Down But Not Out After ...](#)

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 ...



[Energy storage project expected to attract more ...](#)

A \$750-million energy storage project expected to break ground in late 2025 or early 2026 could be a catalyst for attracting new ...



South March BESS

Evulgen is proposing the Trail Road Battery Energy Storage System (BESS) Project, which directly responds to the Independent Electricity System Operator's (IESO) call for additional ...

[Huge electrical storage project sparks controversy , Ottawa Citizen](#)

More than 60 speakers lined up Thursday to speak to the City of Ottawa's Agricultural and Rural Affairs Committee over a proposal to build a vast electrical storage ...



[Rural councillors deny support for battery facility as ...](#)

Now, it needs a statement of support from Ottawa councillors. Renewable energy storage projects snubbed by rural councillors ...



[South Branch Energy Storage , edp](#)

South Branch Battery Storage Project would be located approximately 20 kilometers south of Winchester and 70 kilometers south of the nation's capital, Ottawa.





Contact Us

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