



LLSE CONTAINERS

# Ottawa Air Cooled Energy Storage Project





## Overview

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When did energy storage start in Canada?

The first energy storage project in Canada, the Sir Adam Beck Pump Generating Station, came online in 1957. However, the next project did not come online until 2013. There are three main types of energy storage currently commercially available in Canada:.

What is the fastest growing energy storage technology in Canada?

BESS is the fastest growing energy storage technology in Canada and is also the dominant storage technology in terms of capacity and number of sites. All but four projects proposed to be commissioned by 2030 are battery storage, with two CAES and two PHS projects also proposed.

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 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.

Can thermal energy storage be integrated with HVAC systems?

Integrating Thermal Energy Storage (TESS) systems with HVAC systems offers a promising solution. TESS allows the storage of thermal energy, enabling the shifting of energy consumption to off-peak hours and reducing reliance on the grid during peak demand. Benefits of TESS Integration:



## Ottawa Air Cooled Energy Storage Project



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Jun 20, 2025 · After initially rejecting a 250MW standalone BESS proposal from Evolugen, Ottawa City Council has pledged its support for the project.



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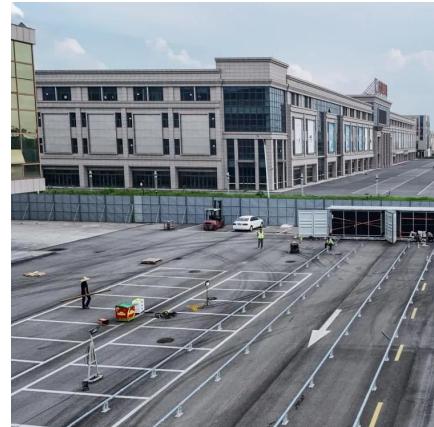
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### **Ottawa BESS 2**

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. The ...



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