

# Quebec Hydro Energy Storage System



## Overview

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The site, which includes 20 EVLO 1000 battery energy storage (BESS) units and is located next to Parent's power station, has been fully operational since summer 2024. Improving service quality in Parent: Hydro-Québec reaches a new milestone with the inauguration of Québec's largest energy storage system. (EVLO), inaugurate the battery energy. EVLO Energy Storage Inc. We design, manufacture, and maintain our systems, including the energy management software—the brain that controls everything. EVLO has launched the EVLO SYNERGY, a lithium iron phosphate (LFP) BESS unit which puts 5MWh of energy storage capacity per 20-foot enclosure, pictured above. Hydro Québec generates more than 99% of its electricity from water, a source of clean renewable energy. Our hydropower system is vast, with over 60 hydroelectric generating stations connected to a robust grid with close to 260,000 km.

## Quebec Hydro Energy Storage System

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### ['Evolving market demand': Hydro-Quebec 5MWh BESS launch](#)

EVLO Energy, the battery energy storage system (BESS) integrator arm of Canadian utility Hydro-Québec, has launched a 20-foot 5MWh product. EVLO has launched the EVLO ...

### [Hydro-Québec's energy storage spin-out EVLO might be key to a ...](#)

EVLO Energy Storage (EVLO) is a battery energy storage system and solutions provider. We design, manufacture, and maintain our systems, including the energy management ...



### [Inauguration of Québec's largest energy storage system , EVLO Energy](#)

It is the largest energy storage system in Québec, with a power capacity of 4 MW/20 MWh delivered by EVLO. The storage system will supply residential and business customers when ...

### [Center of Excellence , Hydro-Québec](#)

Hydro-Québec's Center of Excellence in Transportation Electrification and Energy Storage is a world-class innovation hub in the field of battery materials for electric vehicles and other energy storage ...



[EVLO Expands Portfolio with Launch of EVLO SYNERGY - A High ...](#)

EVLO Energy Storage Inc. (EVLO) is a fully integrated battery energy storage systems and solutions provider and subsidiary of Hydro-Québec. EVLO's utility-scale battery energy storage ...



[Hydro-Québec's EVLO to deploy 300MWh of BESS in Virginia](#)

The energy storage system integration arm of Canadian utility Hydro-Québec, EVLO, will deploy 300MWh of battery energy storage systems (BESS) in Virginia, US.



[Hydro-Québec launches EVLO, a subsidiary specializing in energy ...](#)

Hydro-Québec has launched EVLO Energy Storage Inc. (EVLO), a subsidiary that designs, sells, and operates safe, efficient and sustainable energy storage systems.



### [EVLO . Large scale Battery Energy Storage solutions](#)

EVLO is proud to power a brighter world for our communities. As a subsidiary of Hydro-Québec, North America's largest renewable energy producer, working with large-scale energy storage systems is in ...



### **Hydro-Québec**

Our hydropower system is vast, with over 60 hydroelectric generating stations connected to a robust grid with close to 260,000 km of transmission and distribution lines. Fifteen interties link our system to ...

### [EVLO Energy Storage Inc. wins prestigious recognition for its](#)

EVLO Energy Storage Inc. (EVLO) is a fully integrated battery energy storage systems and solutions provider and subsidiary of Hydro-Québec--North America's largest renewable energy ...



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