

**PIENAAR ENERGY (PTY) LTD**

# **Canada Valley Power Energy Storage Project**



## Overview

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The proposed Project is a lithium-ion battery energy storage system connected to Hydro One Network Inc.'s existing transmission electrical infrastructure. There are three main types of energy storage currently commercially available in Canada: Storage is playing an increasingly important role. EDWARDSBURGH CARDINAL — Construction is now underway on the single largest battery storage facility ever procured in Canadian history, supporting the Ontario government's plan to deliver reliable, affordable and clean energy to power the province's growing economy and communities. Once complete, Cedar Valley Energy Storage LP (the "Proponent"), along with its development partner Baseload Power LP, is developing the Cedar Valley Energy Storage Project (the "Project") in the Township of Rideau Lakes, Ontario. Once a source of iron ore, the Marmoraton Mine near the town of Marmora has re-emerged as a potential hub for long-duration energy storage. Canada had 138MW of capacity in 2022 and this is expected to rise to 296MW by 2030.

## Canada Valley Power Energy Storage Project

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 **LFP 12V 200Ah**

### Cedar Valley Energy Storage LP

The proposed Project is a lithium-ion battery energy storage system connected to Hydro One Network Inc.'s existing transmission electrical infrastructure. The Project is proposed to have a Nameplate ...

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### Ontario breaks ground on major battery energy storage plant

"With shovels in the ground on Canada's largest battery storage facility, our government is proud to support Canadian workers, Indigenous communities and affordability for all Ontarians."



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### Energy Storage in Canada: Recent Developments in a Fast-Growing ...

On a windless or cloudy day, at night or during peaks of electricity demand, stored energy can be delivered to help sustain power supply. Energy storage can also improve the ...

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## A 220-Meter-Deep Hole from an Old Iron Mine Is Now a Turquoise ...

From Iron Ore to Energy Storage: How the Marmora Site Would Work The plan, known as the Marmora Clean Energy Hub, has been advanced by Northland Power in collaboration with ...



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## Ontario Breaks Ground on Canada's Largest Battery Storage Project

EDWARDSBURGH CARDINAL -- Construction is now underway on the single largest battery storage facility ever procured in Canadian history, supporting the Ontario government's plan ...

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## Market Snapshot: Energy storage in Canada may multiply by 2030

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 ...



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## Potentia Breaks Ground on

## Canada's Largest Battery Energy Storage ...



This storage capacity is sufficient to power over 400,000 Ontario homes for up to four hours, strengthening grid reliability, supporting renewable integration, and ensuring a stable ...

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## How Canada's biggest energy storage project got built

One of the biggest clean energy storage facilities in the world -- the Oneida Energy Storage Project in Ontario -- connected to the grid this month. It's a big clean energy win, but it's ...

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## Top five energy storage projects in Canada

Listed below are the five largest energy storage projects by capacity in Canada, according to GlobalData's power database. GlobalData uses proprietary data and analytics to ...

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