



Grid tied storage system project financing options in Canada 2025

Where is the largest battery energy storage system in Canada?

The Hagersville Battery Energy Storage park, located in Haldimand County, Ontario, Canada, will be the largest battery energy storage system (BESS) project to date in Canada. The project is expected operational in Q4 of 2025.

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.

Does CGF have a development expenditure loan facility?

In addition, CGF has made available an additional \$50 million USD convertible development expenditure loan facility to fund a portion of development costs for Hydrostor's Canadian projects, such as the Quinte Energy Storage Centre project, a 500 MW/4,000 MWh A-CAES project to be developed in Lennox and Addington County, Ontario.

What types of energy storage are available in Canada?

There are three main types of energy storage currently commercially available in Canada: Storage is playing an increasingly important role in the electricity system by improving grid reliability and power quality, and by complementing variable renewable energy sources (VRES) like wind and solar.

Is sngrdc doing a LT1 & LT2 request for proposals?

The government has since held an LT1 request for proposals (RFP) this year, awarding 1.75GW of contracts to BESS projects and a further LT2 solicitation is imminent. SNGRDC was also involved in what was previously Canada's biggest BESS project, the 250MW/1,000MWh Oneida BESS (Premium access article).



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