

Vietnam energy storage project scale





Overview

This project, developed by Vietnam Electricity (EVN) in collaboration with the Asian Development Bank (ADB), Rocky Mountain Institute (RMI), Global Energy Alliance for People and Planet (GEAPP), and the Vietnam Energy Institute, marks a crucial step towards Vietnam's target of developing 300MW of energy storage by 2030, as outlined in the latest Eighth Power Development Plan (PDP 8). Are battery energy storage systems economically feasible in Vietnam?

However, in Vietnam, there is a widely held industry perception that Battery Energy Storage Systems (BESS) are not economically feasible at this moment, while the country's first pumped storage hydropower (PSH) project Bac Ai with a capacity of 1,200 MW will not be commissioned until 20289.

What is the largest electricity storage project in Vietnam?

The largest electricity storage project in Vietnam is the Bac Ai Pumped Storage Hydropower Project. Located in Ninh Thuan province, the project has a capacity of 1,200 MW and is expected to play a crucial role in stabilizing the grid when it completes in a few years.

Can energy storage become a practical & investable sector in Vietnam?

"The Ministry of Industry and Trade (MoIT) is working systematically to create the regulatory conditions needed for energy storage to become a practical, investable sector in Vietnam," said Tran Cao Thang, officer of the Electricity Market and Power System Department at the Electricity Authority of Vietnam.

Why is Bess important in Vietnam's energy transition?

Regulatory Landscape The Vietnamese government has recognized the importance of BESS in the country's energy transition. The revised National Energy Policy includes new incentives for BESS installations, such as tax credits and subsidies, which are aimed at accelerating the adoption of energy storage solutions.



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Vietnam raises solar feed-in tariffs with ...

Apr 15, 2025 · Vietnam's Ministry of Industry and Trade (MOIT) has announced a new round of feed-in tariffs (FIT) for solar power, introducing ...

Current Status Of BESS Applications In The Vietnamese ...

May 9, 2025 · This system is invested and operated by Marubeni, using LFP batteries from Vinfast's battery factory (Source: Marubeni, project investor). Although the potential for BESS ...

Vietnam Energy Online

1 day ago · The 5th Vietnam Clean Energy Forum, themed "Policy and technology solutions to Promote Energy Storage Systems and Industry ...

Applying electricity storage systems for

Dec 24, 2021 · - Finalizing and analyzing the results of "Scientific conference on application of energy storage systems and technologies to improve ...

Pioneering Innovation with Vietnam's BESS Pilot Project

Aug 2, 2024 · To scale energy storage initiatives and ensure long-term commitment, Vietnam integrated the BESS pilot project into its national energy transition framework by aligning it ...

Copenhagen Infrastructure Partners ...

Dec 10, 2024 · - Copenhagen Infrastructure Partners (CIP), through its Growth Markets Fund II (CI GMF II), has taken the final investment ...

Vietnam strengthens energy storage pathway

Dec 4, 2025 · Vietnam sharpened its national energy storage roadmap this week as government leaders and industrial operators aligned on BESS deployment.

Vietnam Energy Storage

Sep 20, 2021 · Vietnam is seeking greater energy efficiency, improved transmission, and alternative fuels for its energy storage sector.

Vietnam strengthens energy storage pathway

Dec 4, 2025 · A meeting on grid integration and the BESS task force reviewed technical studies from the Institute of Energy on pricing mechanisms for grid-scale and distributed storage. Early ...

Vietnam battery storage pilot project gets ...

Oct 18, 2021 · A battery energy storage system (BESS) will be retrofitted to a utility-scale solar PV power plant in Vietnam, in a pilot project aimed at ...



China's Lvde signs contract for large-scale energy storage project ...

Sep 11, 2025 · Recently, under the promotion of Haixing Power, Chinese energy storage company Livoltek and Vietnamese EPO company officially signed a strategic cooperation ...

Vietnam strengthens energy storage pathway

GEAPP is providing grant support for EVN Hanoi's 50 MW/50 MWh utility-scale pilot and technical assistance for distributed storage projects, including the first 5 MW/10 MWh BESS project in ...

What's in store with Vietnam's revised power ...

Feb 28, 2025 · Analysis of Vietnam's new power development plan using our open access TZ-APG energy system models. How will renewables, ...

Fluence opens 35GWh battery manufacturing ...

Aug 21, 2025 · The manufacturing plant will produce Fluence's Smartstack (pictured) and Gridstack Pro BESS solutions. Image: Fluence. Global ...

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Development of Battery Energy Storage Systems in Vietnam

A few medium-scale systems have been installed after the meter or in small off-grid networks. 1 On 31 August 2023, Decision No. 1009/QD-TTg of the Prime Minister came into effect in ...

Vietnam's path from zero BESS deployments ...

Sep 25, 2025 · Sunita Dubey (left) visits the Vietnam Electricity (EVN) 50MW pilot BESS project with Asian Development Bank senior energy ...

MANAGING VIETNAM'S

Jun 14, 2024 · Pumped hydro- energy storage and utility-scale battery storage are proven options for energy storage¹⁵. Vietnam has substantial potential for pumped storage hydro and a well ...

Vietnam's path from zero BESS deployments to

Sep 25, 2025 · Sunita Dubey (left) visits the Vietnam Electricity (EVN) 50MW pilot BESS project with Asian Development Bank senior energy economist Hyunjung Lee. Image; Global Energy ...

Biggest projects in the energy storage ...

Dec 25, 2024 · Following similar pieces in 2022/23, we look at the biggest energy storage projects, lithium and non-lithium, that we've reported on in ...



28kWh Home Battery System Successfully Deployed in Vietnam

1 day ago · In December 2025, GSL ENERGY completed the delivery and deployment of a 28.68 kWh home energy storage system in Vietnam. The project utilizes two parallel-connected ...

Battery Electricity Storage Systems, the energy sector's ...

Jul 16, 2024 · Abstract: Vietnam's rapid expansion in renewable energy, particularly solar and wind, necessitates the adoption of Battery Electricity Storage Systems (BESS) to address the ...

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