

Can battery energy storage systems stabilize Vietnam's grid?

Sunita Dubey and Hyunjung Lee share how Vietnam is leveraging Battery Energy Storage Systems to stabilize their grid and accelerate the energy transition.

How can government support energy storage in Vietnam?

Government support through policy reformations, training and upskilling programs, well-planned roadmaps, awareness campaigns, and other initiatives can further attract private investment and international support.

Emulating Vietnam's Strategic Approach to Energy Storage

What is battery energy storage system (BESS)?

Battery Energy Storage Systems (BESS) play a pivotal role in addressing these challenges by minimising the intermittency of renewables, enhancing grid flexibility, and ensuring reliable power supply. In a significant development, Vietnam Electricity (EVN) has secured approval for its first pilot BESS project with a capacity of 50 MW/50MWh.

Which BESS systems are installed in Vietnam?

Some medium-sized BESS systems installed in Vietnam. The BESS system at the PECC2 Innovation Hub was the largest BESS system in Vietnam at the time it began operation in 2021, reflecting PECC2's pioneering vision and role in mastering energy storage technology applications.

These factors create favorable conditions for the initiation and scaling of Vietnam's domestic electrochemical energy storage market. Against this background, this article examines the key drivers ...

The project's official inauguration event held in December. Image: VinGroup. A green energy subsidiary of Japanese conglomerate Marubeni has brought online a megawatt-scale battery storage ...

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

Vietnam is one of the first three countries selected for a pilot program under a new partnership initiative between the Asian Development Bank (ADB) and the Global Energy Alliance for People and Planet ...

One of the key highlights of Vietnam's revised Power Development Plan VIII (PDP8) is the significant increase in the targets for Battery Energy Storage Systems (BESS).

Vietnam strengthens energy storage pathway Source: Vietnam Investment Review A three-day convention held from December 1-3 brought together stakeholders to review policy progress, technical findings, and financing ...

The BESS system at the PECC2 Innovation Hub was the largest BESS system in Vietnam at the time it began operation in 2021, reflecting PECC2's pioneering vision and role in mastering energy storage ...

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With the rapid growth of renewable energy in recent years, industry experts are urging Vietnam to increase the use of battery energy storage systems (BESS) within its national power grid. Pham Dang An, deputy general ...

Hanoi, June 26, 2025 - Amid a strong energy transition and Viet Nam's efforts to fulfill its commitments toward achieving net-zero emissions by 2050, the research and deployment of Battery Energy Storage Systems ...

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