

# Vietnam behind-the-meter energy storage system

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.

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.

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 EVN's 50 MW battery energy storage system?

Sunita Dubey, Vietnam Lead, GEAPP and Hyunjung Lee, Senior Energy Economist, Asian Development Bank EVN's 50 MW Battery Energy Storage Systems (BESS) pilot project, in collaboration with ADB and GEAPP, aims for 300 MW by 2030. Vietnam is the fastest-growing energy market in Asia, according to the International Trade Administration.

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Businesses in Vietnam are adopting behind-the-meter storage to manage peak demand, avoid high tariffs, and ensure backup power. Systems integrated with rooftop solar provide self ...

At the same time, the demand for battery energy storage systems (BESSs) is accelerating, driven by Vietnam's abundant renewable energy (RE) potential, particularly in solar and ...

Vietnam began implementing BESS systems from 2019. However, due to the lack of a complete set of policies and regulations for BESS development, most BESS systems in Vietnam are after-the-meter ...

Norway-headquartered ABL Group has been hired by Dragon Capital's subsidiary, VN Green Holding, to look at the feasibility of installing behind-the-meter battery energy storage system ...

Battery Energy Storage Systems (BESS) offer a transformative opportunity to modernize the energy sector. BESS enhances grid stability and facilitates renewable energy integration, helping ...

Vietnam accounted for 69% of ASEAN's solar and wind generation last year and was the region's main

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growth driver in renewable energy development in recent years, a report has found.

The Institute of Energy (under the Ministry of Industry and Trade) presented Viet Nam's policy directions, highlighting the role of energy storage in demand response and improving the ...

Alongside Mongolia and Cambodia, Vietnam will receive technical and financial support to promote energy storage solutions - a key factor in transitioning to a low-carbon economy.

In the context of Vietnam promoting energy transition, standardizing battery storage systems (BESS) becomes urgent, to realize the commitment to net zero emissions by 2050.

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