

# Huawei Hanoi Battery Energy Storage Project

## 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.

## Will EVN build a 50mw/50mwh Bess project near Hanoi?

At a meeting on Wednesday, the ADB side, represented by Andrew Jeffries, advisor, Energy Transition Mechanism and Partnerships, proposed building a pilot 50MW/50MWh BESS project near Hanoi. A meeting between EVN and ADB to discuss the BESS project, Hanoi, August 14, 2024. Photo courtesy of EVN.

## What will Vietnam's energy future look like in 2030?

The government anticipates a 10-12% annual surge through 2030 in the nation's power consumption. This rapidly expanding energy demand presents a significant challenge to Vietnam's transforming energy landscape, especially considering the urgent need to reduce global emissions and utilise renewable alternatives.

## How is Vietnam advancing its energy infrastructure towards an energy-resilient future?

Vietnam is advancing its energy infrastructure towards a greener, more just, and energy-efficient future, simultaneously providing a valuable model inspiring the global drive towards an energy-resilient future.

The Huawei Hanoi Photovoltaic Energy Storage System is part of Huawei's advanced energy storage solutions. It includes products like the LUNA2000 and other smart energy ...

Oct 19, 2021&nbsp;&#183;&nbsp;Huawei Digital Power has said it will supply battery energy storage system (BESS) technology to what is thought to be the world's ...

Oct 25, 2024&#183;&#183;&#183;Huawei Digital Power Asia-Pacific successfully concluded its Smart PV Technology Workshop with a focus on Battery Energy Storage ...

Jul 10, 2025&ensp;&#0183;&ensp;With a spirit of collaboration and long-term commitment, Huawei Digital Power proudly participated in Solar & Storage Live Vietnam 2025 (July 9-10, Ho Chi Minh City), ...

Jun 11, 2024&nbsp;&#183;&nbsp;&nbsp;By integrating digital, power electronics, thermal management, and

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energy storage management technologies (collectively known as 4T: ...

Sep 18, 2024&ensp;&#0183;&ensp;Huawei Digital Power has built a solar-storage microgrid project in Saudi Arabia's Red Sea New City. It said that the plant has ...

Sep 24, 2025&ensp;&#0183;&ensp;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 ...

Aug 16, 2024&ensp;&#0183;&ensp;State-owned utility Vietnam Electricity (EVN) and the Asian Development Bank (ADB) have discussed investing in a pilot Battery Energy Storage System (BESS) project in ...

Jul 21, 2025&ensp;&#0183;&ensp;Copenhagen Energy's 132 MWh Everspring battery energy storage system (BESS) portfolio will source its technology from Huawei Digital Power. This project is scheduled for grid ...

The Vietnam PECC2 BESS System (Battery Energy Storage System) developed by LS ELECTRIC Vietnam is a cutting-edge energy storage solution. When the BESS is installed at ...

Huawei's intelligent lithium battery solutions provide dynamic peak shifting, transforming traditional backup power systems into efficient energy ...

On the morning of August 14 in Hanoi, a meeting was held between Vietnam Electricity (EVN) and the Asian Development Bank (ADB) to discuss the ...

May 13, 2025&ensp;&#0183;&ensp;Through this partnership, we will harness Huawei's digital power technologies and Keppel's deep expertise in energy infrastructure to enhance the reliability and seamless ...

May 15, 2025&ensp;&#0183;&ensp;Huawei and Keppel have signed a Memorandum of Understanding (MoU) to develop solar and battery energy storage system ...

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