

## SolarInnovate Energy Solutions

# Vietnam Ho Chi Minh Energy Storage Container BESS Project



## Overview

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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). 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.

Can energy storage help Vietnam meet climate goals?

Co-funded by a grant from U.S. Mission Vietnam, the pilot project will demonstrate how energy storage can help Vietnam integrate more renewable energy into its power system to meet ambitious climate goals.

What is Bess & why is it important in Vietnam?

BESS emerges as a critical enabler in Vietnam's transition towards a future of energy efficiency, security, and sustainability. By storing surplus energy during low-demand hours and utilising it in times of high demand, BESS eliminates power shortages and blackouts, thus enhancing the reliability of the grid and reducing electricity costs.

Can battery energy storage be commercially viable in Vietnam?

The BESS project aims to demonstrate the commercial viability of battery energy storage in Vietnam and showcase the practical benefits of renewable energy, including its reliability and efficiency. It also seeks to help Vietnam meet its climate action targets.

Can battery energy storage systems stabilize Vietnam's grid?

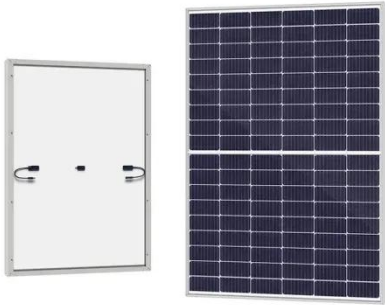
Sunita Dubey and Hyunjung Lee share how Vietnam is leveraging Battery Energy Storage Systems to stabilize their grid and accelerate the energy transition.

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.

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### ESEC deploys microgrid and battery energy storage system (BESS) project

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