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Vietnam invests in energy storage power station project



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). 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.

Why is Stavian Group investing \$22 million in battery energy storage system?

Vietnam's chemical giant Stavian Group will invest \$22 million in making battery energy storage system (BESS), in order to promote green and clean energy development and sustainable energy industrialization in the country.

Why should Vietnam invest in a lithium battery?

The declining cost of lithium battery cells, coupled with technological advancements, has made BESS increasingly affordable and accessible, according to Contemporary Amperex Technology, the world's largest battery manufacturer. Vietnam should capitalise on this trend to attract investment, create green jobs, and enhance energy security.

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.

How much power will Vietnam have by 2030?

The plan also called for 300MW of battery storage deployment and 2,400MW

of pumped hydro energy storage (PHES) by 2030. State-owned public power company Vietnam Electricity (VE), is participating in a 50MW/50MWh grid-scale BESS pilot project which marks a first step towards that BESS goal.

Can Bess be integrated into Vietnam's power grid?

In an effort to facilitate the integration of BESS into Vietnam's power grid, the Electricity and Renewable Energy Authority (EREA) of the Ministry of Industry and Trade recently hosted a technical workshop in collaboration with GEAPP.

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