

Vietnam grid-level energy storage power station





Overview

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 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.

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.

How much money does Vietnam need to build a grid?

required for the development of grid from 2021 to 2030 amounts to \$14.9 billion, equivalent to \$1.5 billion per year or 0.4% of Vietnam's GDP in 2020 (Table 1). The strained state budget alone may struggle to accommodate such substantial financial requirements.

How many transmission lines are there in Vietnam?

As of 2020, Vietnam had 8,527 km of 500kV transmission lines and 18,477 km of 220kV lines (Table 1). While transmission and distribution grids have undergone substantial upgrades in the past decade, they remain under significant pressure and require significant investment.



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The joint venture is collaborating with Honeywell to integrate Vietnam's first grid-connected battery energy storage system (BESS) project in the 50 MWp Khanh Hoa Solar plant. The project aims ...

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A representative from Viet Nam Electricity (EVN) also shared practical experiences in applying storage systems within the national power grid, contributing to greater flexibility and ...



[Vietnam's Solar Feed-in Tariffs in 2025: Incentivizing Energy Storage](#)

Most significantly, the Decision introduces separate tariffs for solar power projects that incorporate battery energy storage systems



(BESS). This development reflects a growing ...



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