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Vietnam promotes distributed energy storage



Overview

Vietnam is taking another step toward modernizing its renewable energy sector by unveiling updated feed-in tariffs (FiTs) for solar power, with a notable emphasis on encouraging battery energy storage systems (BESS).

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Hanoi, June 26, 2025 – Amid a strong energy transition and Viet Nam's efforts to fulfill its commitments toward achieving net-zero emissions by 2050, the research and deployment of Battery Energy Storage Systems (BESS), along with their integration with renewable energy solutions, have become an.

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.

One of the key highlights of Vietnam's revised Power Development Plan VIII (PDP8) is the significant increase in the targets for Battery Energy Storage Systems (BESS). The original PDP8 approved in 2023 had set out a target of 300MW of BESS capacity by 2030. The revised PDP 8 (approved by the Prime.

Vietnam is one of the first three countries selected for a pilot program under a new partnership initiative between the Asian Development Bank (ADB) and the Global Energy Alliance for People and Planet (GEAPP), aimed at developing battery energy storage systems (BESS). Alongside Mongolia and.

Investing in the development of energy storage systems acts as a foundation in addressing the intermittency of renewable energy, enhancing system flexibility, improving the reliability and resilience of the power grid, supporting the development of a smart transmission network and ensuring national.

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notable emphasis on encouraging battery energy storage systems (BESS). This policy move, effective throughout 2025, was formalized through Decision. 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.

Does Vietnam have new feed-in tariffs for solar power?

April 2025 | Southeast Asia Impact Alliance Vietnam is taking another step toward modernizing its renewable energy sector by unveiling updated feed-in tariffs (FiTs) for solar power, with a notable emphasis on encouraging battery energy storage systems (BESS).

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.

Does Vietnam have a green energy policy?

Reduced usage fees for the following nine years. Output guarantees covering at least 70% of contracted electricity during the loan repayment period (up to 12 years), provided grid conditions and project performance are met. This signals Vietnam's commitment to pioneering green fuels alongside solar and wind.

Why does northern Vietnam have higher feed-in tariffs?

While Northern Vietnam benefits from higher feed-in tariffs (FiTs) due to lower solar radiation, the overall system still operates on capped tariffs rather than market-based auctions. This may limit the agility of Vietnam's energy market in responding to investor needs and evolving technology costs.

Does Vietnam have a long-term Power Purchase Agreement (PPA)?

Power producers will continue to sign long-term power purchase agreements (PPAs) with Vietnam Electricity (EVN), the state utility, under existing contractual frameworks. Vietnam's FiT scheme has been instrumental in driving clean energy development since its introduction.

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