

Vietnam s requirements for new energy and energy storage





Overview

What is Vietnam's energy plan?

It emphasizes a competitive, transparent market prioritizing renewable, new, and clean energy while safeguarding energy security. By 2030, Vietnam aims to raise unprocessed primary energy supply to 150–170 million tons of oil equivalent, installed capacity to 183–236 GW, and generation to 560–624 billion kWh.

Will Vietnam reach 25-30% renewables by 2030?

Vietnam aims for renewables to reach 25–30% by 2030. (Photo: iStock)
Vietnam is doubling down on its energy ambitions, with the Communist Party's Politburo issuing a new resolution that underscores energy as the foundation of economic growth.

Why should Vietnam invest in solar power?

Vietnam can leverage domestic solar manufacturing to meet domestic demand, implement direct power purchase agreements (DPPAs) enabling private renewable supplies, accelerate grid and battery storage infrastructure, and avoid costly LNG imports by prioritizing renewables.

Should Vietnam recalibrate its power system?

As Vietnam grapples with rising power purchase costs and mounting utility losses, policymakers are under pressure to recalibrate the system to ensure long-term financial sustainability.



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Powering change hurdles in Viet Nam's green ...

Aug 22, 2025 · The Ministry of Industry and Trade stressed the need to review direct power purchase agreements and new energy mechanisms ...

MOIT & GEAPP Technical Workshop ...

Jun 21, 2024 · Vietnam's REA and GEAPP hosted a workshop on integrating battery energy storage systems into Vietnam's power grid, where they ...

From boom to balance in Vietnam's clean energy transition

Jun 17, 2025 · As global costs for solar, wind, and battery storage systems fall, Vietnam could replace fixed feed-in tariffs (FiTs) with standardized competitive auctions to procure clean ...

Vietnam's Energy Transition: Challenges and Opportunities

Sep 14, 2025 · Vietnam stands at a pivotal juncture in its energy transition, exhibiting strong ambition while facing critical gaps in readiness and execution.

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Jun 20, 2024 · Country Delivery Lead- Vietnam, Global Energy Alliance for People and Planet (GEAPP) I am delighted to present this detailed study on Enhancing Vietnam's Grid Stability ...

Issuance of Decrees Implementing the 2024 ...

Mar 10, 2025 · The Vietnamese government has issued a series of decrees to implement the 2024 Electricity Law. The decrees took effect from the ...

Development of Battery Energy Storage Systems in Vietnam

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).

Vietnam's New Electricity Law: A Step Forward for Clean Energy ...

Effective February 1, 2025, Vietnam's energy sector will enter a transformative phase with the implementation of the new Electricity Law. This...

Embracing battery energy storage systems to ...

Sep 26, 2024 · As renewable energy becomes a cornerstone of Vietnam's climate and development strategies, the need to meet the country's ...

Powering change hurdles in Viet Nam's green energy push

Aug 22, 2025 · The Ministry of Industry and Trade stressed the need to review direct power purchase agreements and new energy mechanisms to ensure transparency, feasibility and ...



Vietnam's Solar Power Industry 2025: Policy ...

Apr 19, 2025 · Vietnam's solar power industry has experienced rapid growth in recent years, driven by favourable government policies and increasing ...

Promoting The Standardization of Energy Storage Systems In Viet Nam

Jun 26, 2025 · The Institute of Energy (under the Ministry of Industry and Trade) presented Viet Nam's policy directions, highlighting the role of energy storage in demand response and ...

Battery Energy Storage Systems in the Commercial and ...

Sep 24, 2025 · 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 ...

Vietnam strengthens energy storage pathway

Dec 4, 2025 · Vietnam sharpened its national energy storage roadmap this week as government leaders and industrial operators aligned on BESS deployment.

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Dec 4, 2025 · Vietnam sharpened its national energy storage roadmap this week as government leaders and industrial operators aligned on BESS ...

Vietnam makes major updates to Power Development Plan VIII

Apr 23, 2025 · Updates for specific power sources 1. Direct power purchase agreement The Revised PDP8 includes estimation ...

Vietnam's path from zero BESS deployments ...

Sep 25, 2025 · Climate and energy transition consultant Sunita Dubey on work done to put Vietnam on the global energy storage map and the ...

Vietnam's Energy Transition: Challenges and ...

Sep 14, 2025 · Vietnam stands at a pivotal juncture in its energy transition, exhibiting strong ambition while facing critical gaps in readiness and ...

Vietnam's new energy resolution backs ...

Sep 15, 2025 · Vietnam targets over 25% renewables, cuts emissions by up to 35% Party General Secretary To Lam signed Resolution No. 70 ...

Vietnam's new energy resolution backs renewables, two-part ...

Sep 15, 2025 · Vietnam targets over 25% renewables, cuts emissions by up to 35% Party General Secretary To Lam signed Resolution No. 70-NQ/TW on August 20, setting out the nation's five ...

Vietnam's path from zero BESS deployments to

Sep 25, 2025 · Climate and energy transition consultant Sunita Dubey on work done to put Vietnam on the global energy storage map and the pathway forward.



From boom to balance in Vietnam's clean ...

Jun 17, 2025 · As global costs for solar, wind, and battery storage systems fall, Vietnam could replace fixed feed-in tariffs (FiTs) with standardized ...

Vietnam strengthens energy storage pathway

A prime example is its partnership with Petrolimex, Vietnam's largest fuel retailer, to pilot rooftop solar combined with battery storage at fuel stations along national highways. The two sides ...

CHINA'S ACCELERATING GROWTH IN NEW TYPE ...

Jun 13, 2024 · The Coverage and Intensity of Policies Continuing to Increase Technological breakthrough and industrial application of new type storage are included in the 2023 energy ...

Pioneering Innovation with Vietnam's BESS ...

Aug 2, 2024 · Sunita Dubey and Hyunjung Lee share how Vietnam is leveraging Battery Energy Storage Systems to stabilize their grid and ...

Vietnam Renewable Energy Reform 2025: Key Changes on ...

Oct 1, 2025 · Vietnam's Decree 57 introduces capped tariffs, new DPPA models, and rooftop solar limits, reshaping renewable energy investment rules.

New electricity law sets framework to support clean energy ...

Vietnam is to enact an updated Electricity Law on 1 February 2025 that will modernise the country's energy policy framework, foster renewable energy growth and enhance market ...

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