

# How much does energy storage power cost in Vietnam





## Overview

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What does Vietnam's Solar Policy update mean for energy storage?

Vietnam's solar policy update highlights growing role of energy storage. (Photo: iStock) Vietnam's Ministry of Industry and Trade (MOIT) has announced a new round of feed-in tariffs (FIT) for solar power, introducing location-based pricing and, for the first time, incorporating energy storage systems.

How much does electricity cost in Vietnam?

In May 2025, and Vietnam's average electricity price per kWh was set at VND 2,204.07 or about US \$0.084, excluding value-added tax (VAT), per Decision 599/QD-EVN. This was an increase from an average electricity price per kWh of VND 2,103.1159 or about US \$0.0836, excluding value-added tax (VAT), per Decision 2699/QD-BCT, from October 2024.

How much does a solar project cost in Vietnam?

Overall, projects with storage receive higher FIT rates. Previously, Vietnam's FITs were relatively low. In January 2023, the top rate was NT\$1.49/kWh for ground-mounted solar and NT\$1.89/kWh for floating solar, with no regional or storage-based distinctions.

Who manages the electricity market in Vietnam?

The Ministry of Industry and Transport is the government body in charge of managing Vietnam's electricity market and supply. It does this through the wholly state-owned power company Electricity Vietnam commonly known as EVN. EVN generates some power, but also buys power from wholesalers, and sells electricity to consumers.

How will Vietnam's new energy storage scheme help investors?

Supa Waisayarat, Vietnam's adversary consultant at Thailand's Super Energy Corporation, noted that the new scheme supports the adoption of storage and



provides developers and investors with more transparent pricing, which could encourage more power purchase agreements (PPAs) and improve financing confidence.

What are the conditions for solar storage in Vietnam?

Conditions for systems with storage include a minimum storage capacity of 10% of the solar plant's installed capacity, a charge/discharge time of 2 hours, and at least 5% of total generation used for charging the storage system. Overall, projects with storage receive higher FIT rates. Previously, Vietnam's FITs were relatively low.



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### From boom to balance in Vietnam's clean energy transition

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 ...

### Electricity in Vietnam 2025: Pricing, Shortages, Supply & Sources

In 2023, power shortages were estimated to have cost Vietnam's economy an estimated US\$1.4 billion. This was attributed to water shortages for hydropower and a lack of a ...



### [Vietnam Power Sector Needs More Renewables to ...](#)

BloombergNEF: Renewable energy can meet Vietnam's growing electricity demand without compromising energy security and affordability ...

### Vietnam raises solar feed-in tariffs with energy storage, regional

Vietnam's Ministry of Industry and Trade (MOIT) has announced a new round of feed-in tariffs





(FIT) for solar power, introducing location-based pricing and, for the first time, ...



## Vietnam's Power Market Shift: What 30-Minute Pricing Means for ...

Vietnam's power market is evolving from a state-run, single-buyer model to a more flexible, market-driven system. Recent reforms--such as the Vietnam Wholesale Electricity ...

## Vietnam's new Electricity Law - a new beginning?

The much-anticipated new Electricity Law of the Socialist Republic of Vietnam was passed on November 30, 2024. The new law aims to enhance ...



## Vietnam Sets New Electricity Pricing Framework

If necessary, officials will adjust rates to ensure electricity remains accessible and affordable while keeping up with economic changes and production costs. With the new ...



## VIETNAM ENERGY STATISTICS 2020

Introduction Energy statistics is a chain of activities from collecting, analyzing, compiling, and disseminating general information related to energy types such as electricity, coal, oil & gas ...



### [How is Vietnam's energy storage power market?](#)

In recent years, Vietnam has witnessed an impressive expansion of solar power installations. The government's incentives for solar projects, ...

### **How is Vietnam's energy storage power market? , NenPower**

In recent years, Vietnam has witnessed an impressive expansion of solar power installations. The government's incentives for solar projects, along with decreasing costs for ...



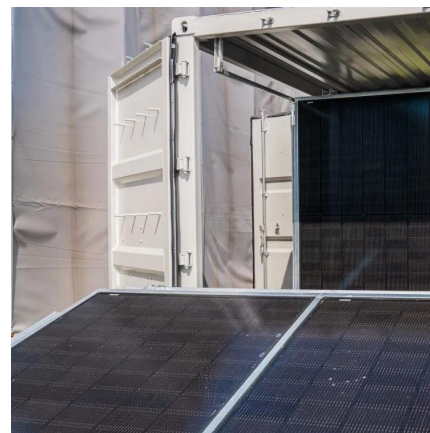
### **Economic analysis of solar power plant and battery energy storage...**

This study aims to evaluate the economic performance of a solar power plant (SPP) in Vietnam both before and after integrating a BESS through key metrics including the ...



## Vietnam publishes feed-in tariffs for large-scale solar ...

Vietnam's Ministry of Industry and Trade (MoIT) has published the new feed-in tariffs for utility-scale solar plants. For projects without battery ...



## Economic analysis of solar power plant and battery energy ...

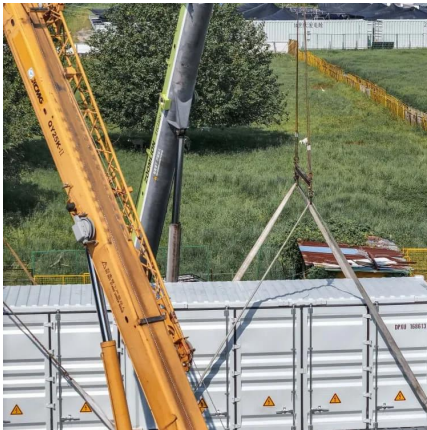
This study aims to evaluate the economic performance of a solar power plant (SPP) in Vietnam both before and after integrating a BESS through key metrics including the ...

## Battery storage tariff Vietnam

SS or \$600/kW all-in for a A battery energy storage system (BESS) will be retrofitted to a utility-scale solar PV power plant in Vietnam, in a pilot project aimed at supporting the spread of ...





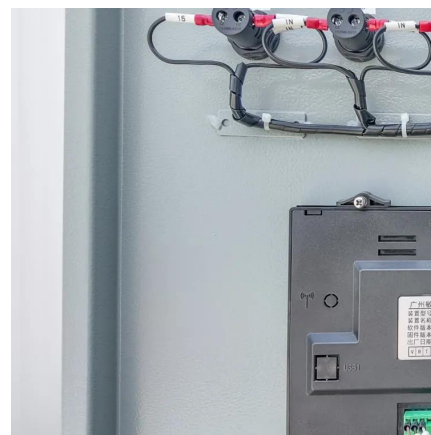


## Approving the price framework for electricity generation from

4 days ago - The Ministry of Industry and Trade has just issued decisions approving the electricity generation price framework for hydropower plants, natural gas-fired combined cycle ...

## Electricity in Vietnam 2025: Pricing, Shortages, ...

In 2023, power shortages were estimated to have cost Vietnam's economy an estimated US\$1.4 billion. This was attributed to water shortages ...



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

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

## Vietnam publishes feed-in tariffs for large-scale solar-plus-storage

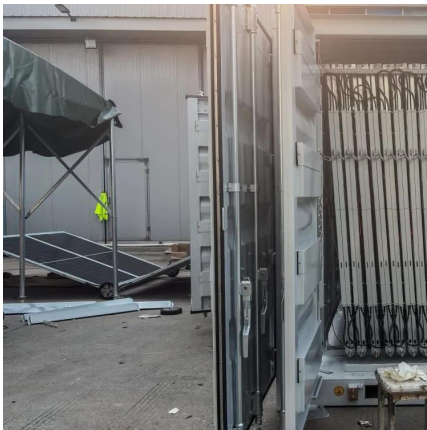
Vietnam's Ministry of Industry and Trade (MoIT) has published the new feed-in tariffs for utility-scale solar plants. For projects without battery storage, the tariff will be VND ...





## Energy storage costs

Overview Energy storage technologies, store energy either as electricity or heat/cold, so it can be used at a later time. With the growth in electric vehicle sales, battery storage costs have fallen ...



## Vietnam Energy Storage System Market Size and Forecasts 2030

Declining Battery Costs: Falling prices of lithium-ion batteries are making energy storage systems more affordable for residential and utility-scale projects in Vietnam.



## Economic analysis of solar power plant and battery energy storage...

Batteries energy storage systems (BESS) are becoming a common trend worldwide supporting an increase in the power system's renewable energy (RE). Storing energy is not ...





## VIETNAM: LEGAL ALERT - ELECTRICITY PRICE ...

o Storage/Discharge Duration: 2 hours. o Charging Power Output Ratio: 5% of the plant's total output. This legal update signals a significant ...



## **Vi?t Nam needs to consider energy storage to ensure ...**

The eighth National Power Development Plan (PDP8) has taken into account the high integration rate of renewable energy into the power ...

## **The pivot to renewable energy in Vietnam , McKinsey**

Vietnam's long-awaited Power Development Plan VIII (PDP8) has recently been approved, setting ambitious renewable-energy goals for ...



## **How much does it cost to build a battery energy ...**

How much does it cost to build a battery in 2024? Modo Energy's industry survey reveals key Capex, O& M, and connection cost benchmarks for BESS projects.



## EVN discloses \$1.8 billion loss, urges pricing reform to fund power

1 day ago · Vietnam Electricity (EVN) has released details about the production cost structure of electricity and the causes behind its accumulated loss of more than \$1.8 billion from 2022 to ...



## Vietnam raises solar feed-in tariffs with energy ...

Vietnam's Ministry of Industry and Trade (MOIT) has announced a new round of feed-in tariffs (FIT) for solar power, introducing location-based ...

## How Much Is Electricity in Vietnam? Unveiling the Costs Behind ...

Discover how much electricity is in Vietnam, exploring costs, tariffs, and the impact on daily life in this vibrant Southeast Asian country.





## Vietnam Electricity Law 2024

In conclusion, the recently enacted Electricity Law 2024 will considerably support the development of power generation projects utilising a variety of energy sources and open ...

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