

Current price of solar energy storage power in Vietnam





Overview

****Cost Per kWp**** – The average solar power cost is 10-20 million VND/kWp, depending on the system type (grid-connected or storage) and equipment quality. What is the cost of solar electricity in Vietnam?

Last year, Vietnam had a solar LCOE (Levelized Cost of Energy) of \$0.046 per kWh for solar electricity. The cost in the United States was \$0.055 per unit of power, and in Turkey it was \$0.064.

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.

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.

How much solar power does Vietnam have?

The lead-up to the expiration of the initial solar feed-in tariff (FIT) of US\$93.5/MWh saw a large increase in Vietnam's installed capacity of solar photovoltaic (PV), from 86 MW in 2018 to about 4.5 GW by the end of June 2019. The number reached about 16.5 GW as of the end of 2020.



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[Solar Energy Costs in Vietnam 2025: Pricing Framework and ...](#)

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[Exploring an alternative pathway for Vietnam's energy ...](#)

Mar 30, 2022 · We recently completed a detailed review of the Vietnamese power sector, evaluating alternative pathways to meet the expected load growth. The question is: Which ...



[Vietnam raises solar feed-in tariffs with energy storage. ...](#)

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[Pioneering Innovation with Vietnam's BESS ...](#)

Aug 2, 2024 · The variability of renewable energy sources, combined with the increasing demand often results in unreliable supply and frequent power ...



[Vietnam's Promising Solar Energy Expansion ...](#)

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[Vietnam Solar Power Sector](#)

Sep 27, 2022 · Vietnam has been leading in solar power development in the ASEAN region. The solar power sector grew strongly, with a new capacity estimated at 17.6 GW in 2021.



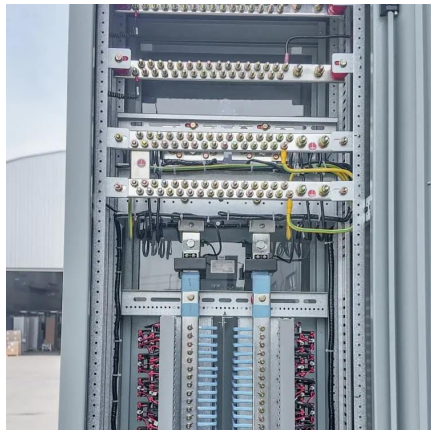
[MoIT sets 2025 solar power price cap at up to \\$0.07/kWh](#)

In calculating the ceiling prices for battery-integrated projects, the MoIT sets out specific technical criteria. The storage system must have a minimum capacity equal to 10 per cent of the solar ...



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).

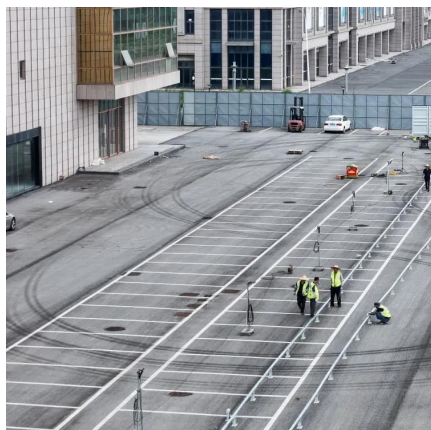
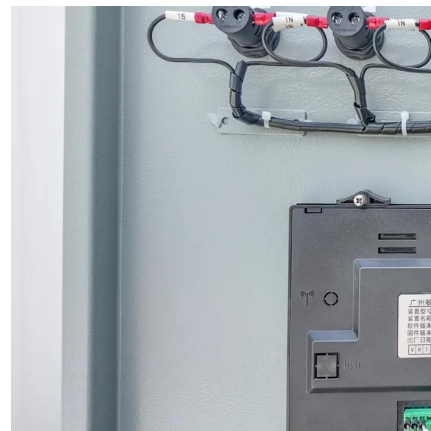


Price Forecast: Solar Batteries in Vietnam in 2025 - Battery Storage

The combination of lower prices and better technology will likely lead to a robust market, positioning solar batteries as a staple in Vietnam's energy landscape by 2025.

How Battery Energy Storage Systems Can ...

Dec 13, 2024 · As Vietnam's economy grows, the demand for energy is rising rapidly, putting significant pressure on the country's infrastructure. This ...



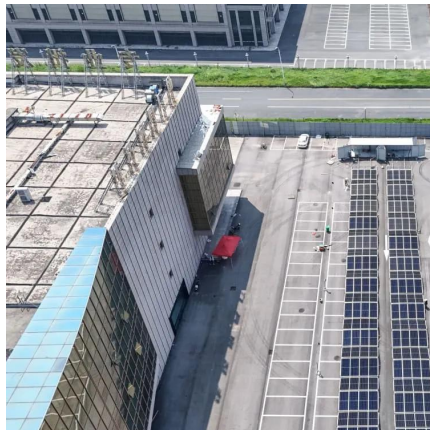
Energy Transition in Vietnam: A Strategic ...

Feb 27, 2024 · Government investment and green energy investment funds such as JETP are strategically directed towards renewable energy ...



[Economic analysis of solar power plant and battery energy storage...](#)

May 1, 2025 · 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 ...

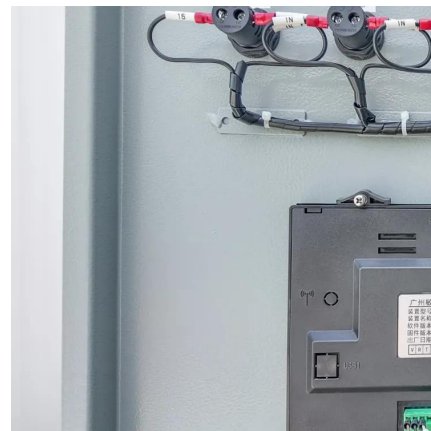


[Recent Solar Power Developments in Vietnam ...](#)

Jun 4, 2024 · As Vietnam continues its rapid economic development, the demand for sustainable and reliable energy sources has never been more ...

Vietnam: legal alert

Apr 16, 2025 · The electricity price framework for 2025, applicable specifically to solar power plants, outlines the maximum allowable tariffs across regions and plant types. Below are the ...



[Approval of new price framework for solar power by region, ...](#)

Apr 10, 2025 · Approval of new price framework for solar power by region, including battery storage The Minister of Industry and Trade has just issued a decision approving the electricity ...



[Economic analysis of solar power plant and battery energy storage...](#)

May 1, 2025 · 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 ...



[Solar Power Costs in Vietnam 2025: Pricing Framework and ...](#)

Jul 16, 2025 · The investment cost for solar power systems ranges from 35 million to 240 million VND for systems from 3 kWp to 20 kWp, depending on factors such as capacity, equipment ...

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Apr 16, 2025 · This legal update signals a significant step forward in aligning Vietnam's renewable energy sector with standardized pricing mechanisms and broader energy policy goals.



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In calculating the ceiling prices for battery-integrated projects, the MoIT sets out specific technical criteria. The storage system must have a minimum ...

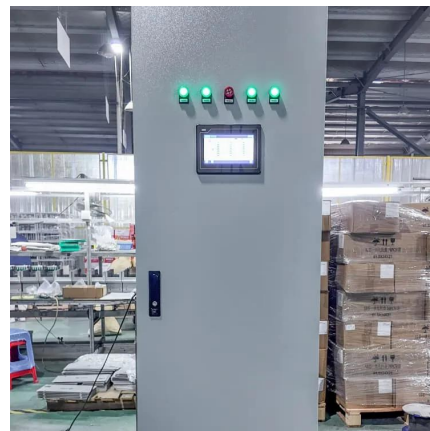


[Approval of new price framework for solar ...](#)

Apr 10, 2025 · Approval of new price framework for solar power by region, including battery storage The Minister of Industry and Trade has just ...

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Jul 16, 2025 · In summary, the 2025 solar pricing framework represents a significant step forward in managing and developing sustainable ...



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 solar and wind power. ...



[Solar Power Costs in Vietnam 2025: Pricing ...](#)

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[Opportunities in Vietnam's Rooftop Solar ...](#)

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[New Price Framework for Solar Power: Divided by Region and Storage ...](#)

Apr 18, 2025 · The Ministry of Industry and Trade has officially issued a new electricity generation price framework for solar power plants, applicable from 2025.



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