

Average school solar storage price per 20kWh in Vietnam





Overview

Vietnam still holds considerable potential for solar development, particularly given its favorable climate and growing electricity demand. Unlocking that potential will require not just regulatory clarity, but also pricing levels that reflect the full cost and value of renewable electricity.

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On April 10, 2025, the Ministry of Industry and Trade (MOIT) issued Decision 988/QD-BCT (“Decision”), updating Vietnam’s feed-in tariff (FiT) rates for solar power projects. These tariffs, effective under the framework of Circular 09/2025/TT-BCT issued on February 1, 2025 (“Circular”), will apply.

According to the Ministry of Industry and Trade, the pricing for solar power with integrated battery storage in 2025 may reach up to 1,875 VND/kWh, higher than traditional solar power. This opens up new opportunities for additional investment in ****Sustainable energy incentives**** with the stability.

For projects without battery storage, the tariff will be VND 1,382.7 (\$0.053)/kWh for the northern part of the country, VND 1,107.1/kWh for the central part, and VND 1,012.0/kWh for the southern region. For solar power plants relying on battery storage systems, the FiTs for the three regions will.

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

For ground-mounted solar farms without battery storage, the maximum price (excluding VAT) is set at VND1,382.7 (approximately US\$0.05)/kWh in the North, VND1,107.1/kWh in the Central region and VND1,012/kWh in the South. Floating solar plants without battery storage are entitled to higher ceilings:.



The electricity price framework for hydropower plants in 2025 is from 0 to 1,110 VND/kWh (excluding water resource tax, forest environmental service fees, water resource exploitation rights fees, and value-added tax). The maximum price is 1,110 VND/kWh. 2. Electricity Price Framework for Gas. How much does a solar plant cost in Vietnam?

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 1,382.7 (\$0.053)/kWh for the northern part of the country, VND 1,107.1/kWh for the central part, and VND 1,012.0/kWh for the southern region.

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.

What is the new tariff structure for solar projects in Vietnam?

Under the updated tariff structure, solar projects are now divided into ground-mounted and floating categories, and segmented further by region—North, Central, and South Vietnam. Tariffs are calibrated based on solar resource availability, infrastructure costs, and local electricity demand, with higher rates awarded to projects that integrate ESS.

How much solar power does Vietnam have?

According to the latest statistics from the International Renewable Energy Agency (IRENA), Vietnam had approximately 18.66 GW of installed PV capacity at the end of 2024. Last year's new additions totaled around 79 MW. This content is protected by copyright and may not be reused.



What are the FIT rates for solar systems?

The tariff breakdown is as follows: 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.



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[Vietnam's Electricity Pricing: What You Need to Know](#)

Vietnam's latest retail electricity pricing framework introduces an average rate ranging from VND 1,826.22 to VND 2,444.09 per kilowatt-hour (roughly up to USD 0.10 per kWh). The new cap provides more structure and ...

Vietnam Revamps Solar Tariffs with Regional Rates and Storage

Vietnam's Ministry of Industry and Trade (MOIT) has unveiled a revised feed-in tariff (FIT) framework for solar power, incorporating location-based pricing and, for the first ...



Vietnam's Solar Feed-in Tariffs in 2025: Incentivizing Energy ...

Vietnam still holds considerable potential for solar development, particularly given its favorable climate and growing electricity demand. Unlocking that potential will require ...



[Vietnam's Solar Power Industry 2025: Policy Shifts, ...](#)

Explore Vietnam's booming solar power industry: growth drivers (FIT), challenges (grid congestion), key policies (PDP8), and solar panel



trade regulations.



Adjusting the average retail electricity price from May 4, 2023

- Electricity of Vietnam (EVN) has just decided to adjust the average electricity retail price by VND 1,920.3732/kWh (excluding value added tax - VAT) from May 4, 2023.

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

The Current State of Electricity Prices in Vietnam
As of 2023, the average electricity price in Vietnam is approximately 1,900 VND per kWh, a figure that reflects ongoing ...



[Solar Energy Cost per kWh in 2025 \[With Installation ...](#)

Read this article to find out the current solar energy cost per kWh and how much you can save by installing a solar panel system on your home.



Vietnam increases retail electricity price bracket , US ABC

Previously, the average electricity retail price was VND1,864.44 per kWh (US\$0.08 per kWh). EVN had previously proposed to increase retail prices by approximately 10 ...



Grid-scale battery costs: \$/kW or \$/kWh?

Grid-scale battery costs can be measured in \$/kW or \$/kWh terms. Thinking in kW terms is more helpful for modelling grid resiliency. A good rule of thumb is that grid-scale lithium ion batteries will have 4-hours of storage ...

[20kW Solar Panel Systems: How Much Do They ...](#)

On average, a 20 kW solar panel system costs \$47,600, according to real-world quotes on the EnergySage Marketplace from 2025 data. However, your price may differ--solar costs can vary significantly from state to ...



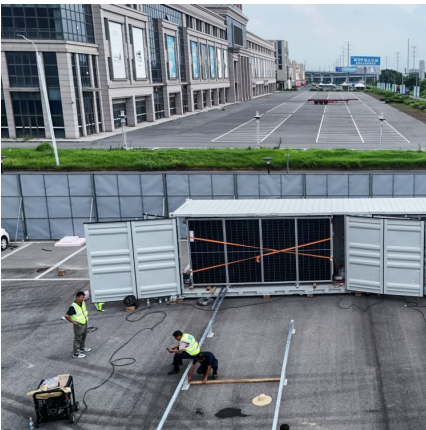
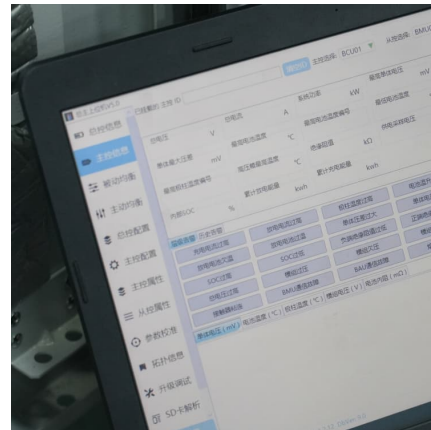
Approving the price framework for electricity generation from

3 ??? - In addition, the parameters of the electricity storage system (battery storage system) used to calculate the maximum price in the electricity price framework for solar power plants ...



[Vietnam Solar Panel Manufacturing Report, Market ...](#)

Explore Vietnam solar panel manufacturing landscape through detailed market analysis, production statistics, and industry insights. Comprehensive data on capacity, costs, and growth.

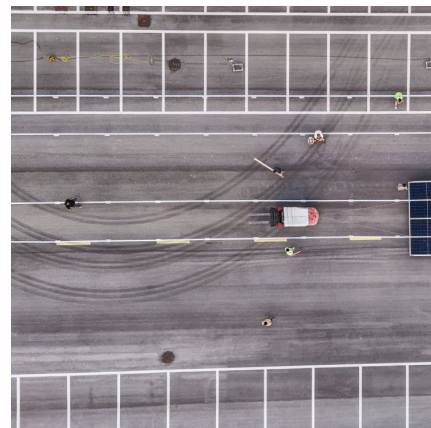


Energy storage costs

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: LEGAL ALERT - ELECTRICITY PRICE ...](#)

On 10 April 2025, the Ministry of Industry and Trade ("MOIT") issued Decision 988/Q?-BCT, which sets forth the electricity price framework applicable to solar power plants for the year 2025. This framework, issued by the MOIT, ensures ...





[Solar Panel Costs In Australia: Price Index 2025](#)

Explore all about solar panel costs in Australia, 2025. Compare state wise solar panel costs, rebates, and payback periods to make solar decisions.

[Average Solar Battery Prices , Updated Quarterly](#)

Average installed solar battery prices - August 2025 The table below displays average, indicative battery installation prices from a range of installers around Australia, most of whom are active in the Solar Choice ...

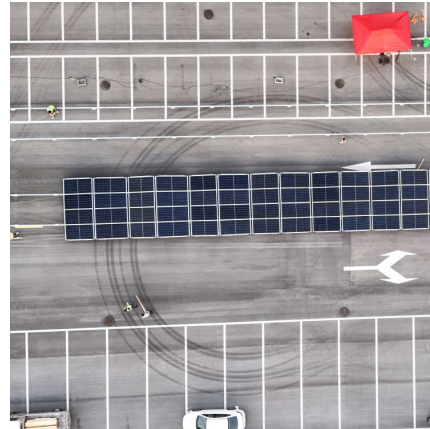


PVWatts Calculator

NREL's PVWatts ® Calculator Estimates the energy production of grid-connected photovoltaic (PV) energy systems throughout the world. It allows homeowners, small building owners, ...

[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 auctions to procure clean energy at the lowest cost. This approach has ...



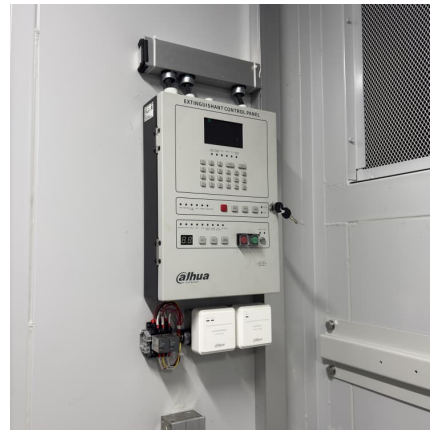
Grid-scale battery costs: \$/kW or \$/kWh?

Grid-scale battery costs can be measured in \$/kW or \$/kWh terms. Thinking in kW terms is more helpful for modelling grid resiliency. A good rule of thumb is that grid-scale ...



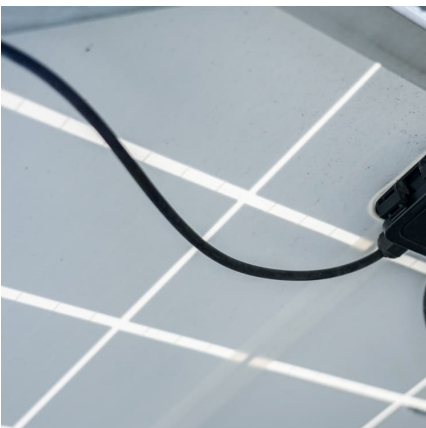
Vietnam raises electricity prices: Businesses pay up to VND ...

Starting May 10, Vietnam officially raised its average retail electricity price by 4.8%, increasing from VND 2,103.12/kWh to approximately VND 2,204.07/kWh (excluding ...



[2021 Solar Statistics in the Country of Vietnam](#)

The country has hit a record high by doubling rooftop solar capacity to 378 megawatts (MW) by the end of December 2020, up from 378 MW in 2019. According to the IRENA Renewable Energy Statistics 2021, Vietnam's ...





[2025 Cost of Energy Storage in Arizona . EnergySage](#)

As of August 2025, the average storage system cost in Arizona is \$999/kWh. Given a storage system size of 13 kWh, an average storage installation in Arizona ranges in ...



Retail electricity price rises 4.5%

Electricity of Vietnam (EVN) has decided to increase the retail electricity price by 4.5 per cent to VND2,066.79 (\$0.086) per kWh (excluding VAT) from November 9. According ...

[20kW Solar System: Compare Prices & Returns](#)

20kW solar power systems are becoming an increasingly worthwhile and attractive investment for small to medium businesses (or households with very large energy consumption) across Australia, with ...



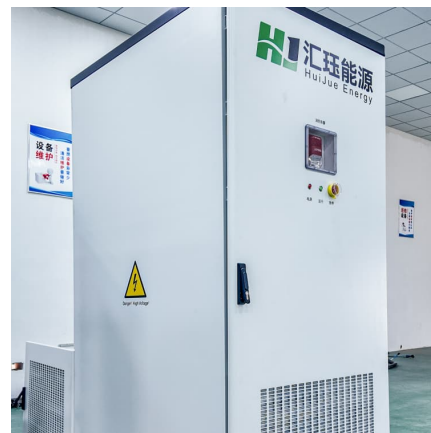
Solar Battery Cost: Is It Worth It? (2025) , ConsumerAffairs®

As a result, adding battery storage to a home solar panel system is becoming increasingly popular and affordable. Solar battery prices Here's a look at the prices of some ...



Rooftop solar power A potential solution in clean energy for ...

According to the retail tariff issued by EVN in July 2021, the retail electricity tariff for group of hospitals, nurseries, kindergartens, and schools is VND 1,771 per KWh (equivalent to ...



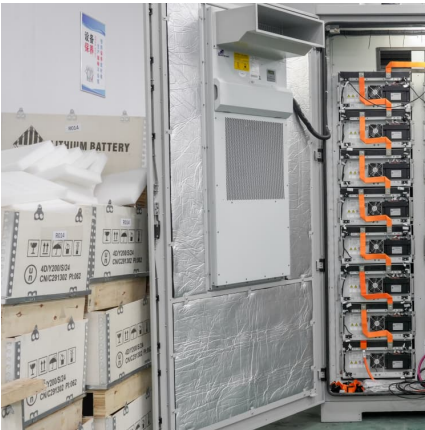
Solar Battery Storage System Cost (2025 Prices)

Solar battery storage system cost A solar battery costs \$8,000 to \$16,000 installed on average before tax credits. Solar battery prices are \$6,000 to \$13,000+ for the unit ...

Vietnam's power price increases by 4.5%

Photo by VnExpress/Nguyen Thanh Vietnam's power prices increased by 4.5% to over VND2,000 (8.2 U.S. cents) per kWh starting Thursday, the second time they went up ...





Solar Battery Cost: Is It Worth the Investment? - Renogy US

Solar battery prices can vary significantly based on factors like capacity, brand, installation costs, and available incentives. Understanding these variables is essential when determining if solar ...

Solar power costs continued to fall in 2021, despite ...

The average global price of solar kilowatt-hours fell 13% on 2020's prices, as around two-thirds of the renewables capacity installed last year was cheaper than the lowest-cost fossil fuel



Solar Power Costs in Vietnam 2025: Pricing Framework and ...

According to the Ministry of Industry and Trade, the pricing for solar power with integrated battery storage in 2025 may reach up to 1,875 VND/kWh, higher than traditional ...

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