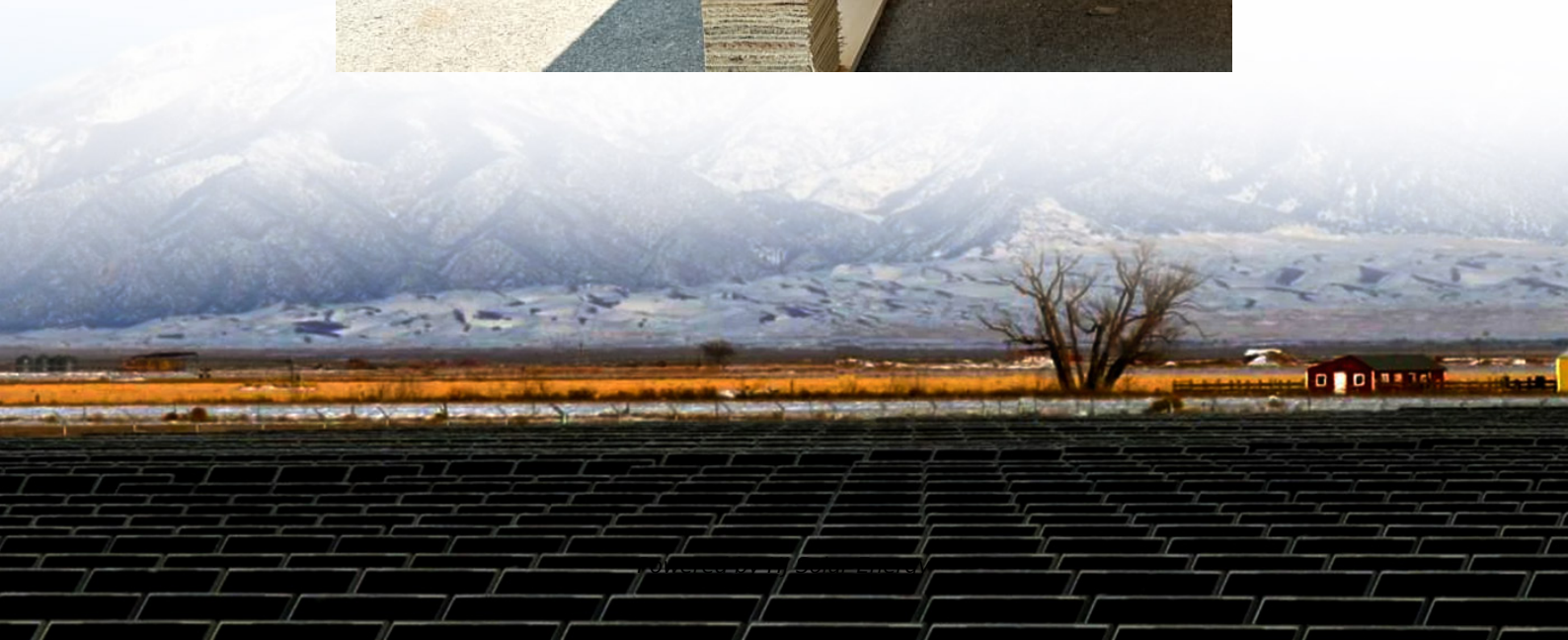


Average factory solar storage price per 150MW in Vietnam





Overview

The Vietnamese authorities released the feed-in tariff levels for ground-mounted and floating PV plants, with or without storage.

The Vietnamese authorities released the feed-in tariff levels for ground-mounted and floating PV plants, with or without storage.

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.

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:.

- ****10 kWp****: Costs between 95 – 150 million VND with 23 panels, generating about 1,200 kWh. - ****15 kWp****: Cost approximately 135 – 145 million VND with 34 panels, a capacity of 1,800 kWh monthly. - ****20 kWp****: Ranges from 160 – 240 million VND, suitable for larger farms or businesses. Sales prices.

Ground-Mounted Solar Power Plants (Without Battery Storage Systems): • Northern Region: Maximum price of 1,382.7 VND/kWh (excluding VAT). • Central Region: Maximum price of 1,107.1 VND/kWh (excluding VAT). • Southern Region: Maximum price of 1,012.0 VND/kWh (excluding VAT). 2. Floating Solar Power.

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.

In January 2023, rates topped out at NT\$1.49/kWh for ground-mounted solar and NT\$1.89/kWh for floating solar, with no additional incentives for energy storage. The new policy has received a mixed response from the renewable



energy sector. Supa Waisayarat, Vietnam advisor for Thailand-based Super. 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.

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 requirements for a battery project in Vietnam?

The Vietnamese authorities also decided that battery projects under the FiT scheme must have at least 10% of a PV plant's capacity and offer at least 2 hours of storage. 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.



Average factory solar storage price per 150MW in Vietnam



[Electricity in Vietnam 2025: Pricing, Shortages, ...](#)

Electricity prices 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.

BESS Costs Analysis: Understanding the True Costs of Battery ...

BESS stands for Battery Energy Storage Systems, which store energy generated from renewable sources like solar or wind. The stored energy can then be used ...



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's Solar Industry Growth Trends and Projections](#)

Growth Rate: Since 2020, Vietnam's solar industry has grown at an average annual rate of around 25%. This impressive growth is driven by



favorable government policies, international support, and incentives such as ...



[Construction cost data for electric generators](#)

Presented below are graphs and tables of the cost data for generators installed in 2021 based on data collected by the 2021 Annual Electric Generator Report, Form EIA-860. ...

[September 2022 Utility-Scale Solar, 2022 Edition](#)

Berkeley Lab's annual Utility-Scale Solar report presents trends in deployment, technology, capital expenditures (CapEx), operating expenses (OpEx), capacity factors, the levelized cost of solar ...



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

Electricity prices 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 ...



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 ...



[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 ...

[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 ...



World Bank Document

EXECUTIVE SUMMARY Solar power is an increasingly attractive electricity generating option for Vietnam thanks to recent cost reductions, fast construction, and the contribution solar power ...



[Vietnam's solar development moves to rooftops, net...](#)

The Vietnamese government has announced a \$135 billion energy strategy, with half of the country's residential rooftops to be equipped with PV systems under a net-metering scheme. The nation also



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 ...

Capital Costs and Performance Characteristics for Utility ...

Capital Cost and Performance Characteristic Estimates for Utility Scale Electric Power Generating Technologies To accurately reflect the changing cost of new electric power generators for ...





Vietnam's Renewable Energy Development: Opportunities, ...

Vietnam has experienced rapid economic expansion, with an average annual GDP growth rate of 6.2% from 2002 to 2022, resulting in a per capita income increase to nearly USD 3,700 (World ...

Cost of electricity by source

Levelized cost: With increasingly widespread implementation of renewable energy sources, costs have declined, most notably for energy generated by solar panels. [3][4] Levelized cost of energy (LCOE) is a measure of the average net present ...

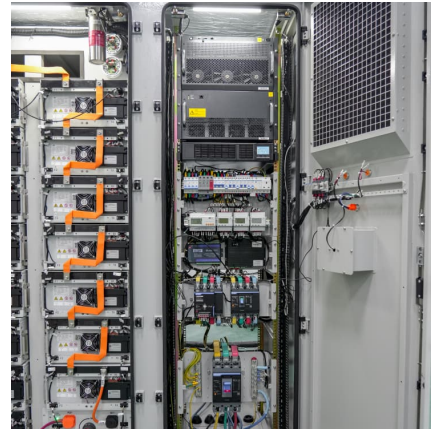


Vietnam's solar and wind power success: Policy implications for the

Vietnam's case indicates that a strong price signal and a supportive investment environment can pave the way for rapid solar and wind power uptake. Another key lesson is ...

[U.S. Solar Photovoltaic System and Energy Storage Cost](#)

Executive Summary This report benchmarks installed costs for U.S. solar photovoltaic (PV) systems as of the first quarter of 2021 (Q1 2021). We use a bottom-up method, accounting for ...



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

The Minister of Industry and Trade has just issued a decision approving the electricity generation price framework applicable to solar power plants in 2025.



[Factory Solar Installation Costs In 2025 . DaiHanCorp](#)

Discover factory solar installation costs in 2025, key pricing factors, ROI insights, and how to save energy with expert tips tailored for Vietnam's factories.



[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 plant's capacity, a storage/discharge duration ...





Solar Energy

In Vietnam, electricity generation within the Solar Energy market is projected to reach 29.43bn kWh in 2025. The country is expected to witness an annual growth rate of 1.29% during the ...

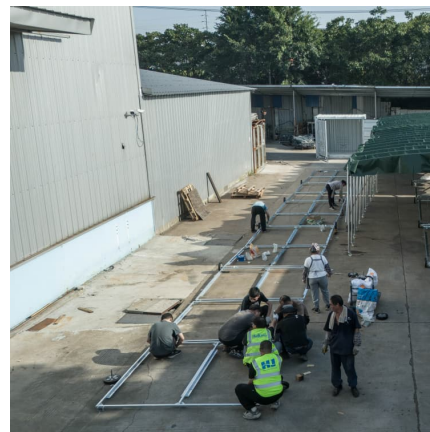


Industrial park warehouse rental price on the market in 2025

What are Warehouse Rental Prices in Vietnam in 2025? Current warehouse rental prices range from 2 to 6 USD/m². With Vietnam's rapidly growing economy, the ...

[1MWh-3MWh Energy Storage System With Solar Cost ...](#)

PVMars lists the costs of 1mwh-3mwh energy storage system (ESS) with solar here (lithium battery design). The price unit is each watt/hour, total price is calculated as: $0.2 \text{ US\$} * 2000,000 \text{ Wh} = 400,000 \text{ US\$}$. When solar modules ...



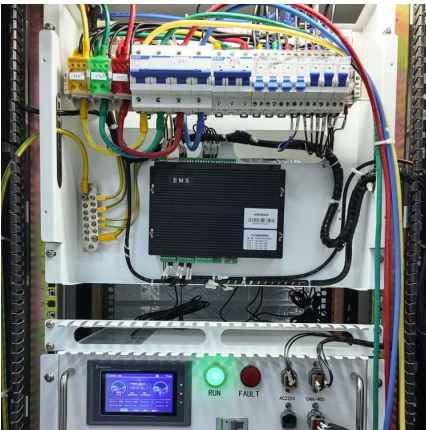
Energy Outlook and Energy Saving Potential in East Asia ...

Future changes in crude oil prices remain highly uncertain. In this study, the crude oil price, as referred to Japan's average import price (nominal dollars per barrel), is assumed to increase ...



[Utility-Scale PV , Electricity , 2022 , ATB , NREL](#)

Units using capacity above represent kWAC. 2022 ATB data for utility-scale solar photovoltaics (PV) are shown above, with a Base Year of 2020. The Base Year estimates rely on modeled ...



MOIT Sets 2025 Solar Power Price Framework, Emphasizes ...

In a move to standardize pricing in the renewable energy sector, the Ministry of Industry and Trade (MOIT) has officially issued Decision No. 988/Q?-BCT, outlining the ...

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

The levelized cost of electricity (LCOE) - the financial measure used by developers and investors - for a new utility-scale solar project in Vietnam ranges from \$53-105 per megawatt-hour today, in comparison to \$84 ...





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

HÀ N?I -- The Ministry of Industry and Trade (MoIT) has officially issued the 2025 electricity generation price ceiling framework for various types of power plants, including hydropower, gas turbines using natural gas and solar power.

Spring 2024 Solar Industry Update

The recent plunge in global module prices leveled off, staying around \$0.11/Wdc in Q1 2024. In Q4 2023, the average U.S. module price (\$0.31/Wdc) was down 5% q/q and down 22% y/y, but ...



Summer 2024 Solar Industry Update

PV System and Component Pricing In Q3 2024, the average global factory gate module price dropped another 10%, reaching \$0.10/Wdc, with some module prices falling ...

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