

Average residential ESS price per 10kW in Vietnam



Overview

The residential electricity price in Vietnam is VND 1,956.000 per kWh or USD 0.074. The electricity price for businesses is VND 1,993.200 kWh or USD 0.076. These retail prices were collected in December 2024 and include the cost of power, distribution and transmission, and all taxes.

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As of 2023, the average electricity price in Vietnam is approximately 1,900 VND per kWh, a figure that reflects ongoing adjustments in the energy market. The state-owned utility company, Electricity of Vietnam (EVN), primarily sets these tariffs. The costs can vary based on several factors.

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).

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 transparency for households and businesses while ensuring the energy market can.

Under Decision No. 599/QD-EVN dated 7 May 2025, EVN declared the average retail electricity price (excluding VAT) as of 10 May 2025 is VND 2,204.0655/kWh. The following table is the retail electricity tariff structure attached to Decision 14: For reference, the time-of-use for electricity during.

Specifically, Vietnam's electricity price TTTT for households using 0-100 kWh/month increased from 1,549 VND/kWh to 1,694 VND/kWh. For households using 101-200 kWh/month, the electricity price increased from 1,858 VND/kWh to 2,025 VND/kWh. Households using 201-400 kWh/month also have to pay higher. How much does electricity cost in Vietnam?

The electricity price for businesses is VND 1,993.200 kWh or USD 0.076. These retail prices were collected in December 2024 and include the cost of power, distribution and transmission, and all taxes and fees. Compare Vietnam with 150 other countries. Historical quarterly data, along with the latest update from June 2025 are available for download.

How much did power shortages cost Vietnam in 2023?

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 sufficient supply of coal, however, underinvestment in power infrastructure also played a role.

What does the new energy framework mean for Vietnam?

This new framework marks a pivotal point in Vietnam's energy evolution. It challenges consumers to think beyond cost and toward long-term sustainability, and it signals that national energy strategy is becoming more responsive, equitable, and forward-looking. Save my name, email, and website in this browser for the next time I comment.

Can businesses buy power from power generators in Vietnam?

Vietnam issued a decree on Direct Power Purchase Agreements on July 3, 2024, clearing the way for businesses to buy power directly from power generators. The decree was a long time coming and has been touted as a critical component to developing Vietnam's electricity network.

Is Vietnam a good place to invest in wind power?

Vietnam's wind power industry has emerged as a key component of the country's renewable energy strategy, driven by favourable natural conditions and government incentives. With over 3,000 kilometres of coastline and high wind speeds, Vietnam has significant potential for both onshore and offshore wind energy development.

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Average Solar Battery Prices , Updated Quarterly

Average battery price per warrantied kWh - August 2025 Batteries usually come with a 10-year warranty and a performance guarantee which ensures a minimum threshold of power can be discharged through the ...

Utility-Scale Battery Storage , Electricity , 2024 , ATB , NREL

The average annual reduction rates are 1.4% (Conservative Scenario), 2.9% (Moderate Scenario), and 4.0% (Advanced Scenario). Between 2035 and 2050, the CAPEX reductions

...



10kW Solar Battery Price in Australia (2025 Guide)

Average 10kW Solar Battery Price in Australia (2025) On a national level, the average cost for a 10kW solar battery system in 2025 ranges from \$10,000 to \$18,000, including installation. This depends on the battery brand, installer, ...



The Real Cost of Commercial Battery Energy Storage in 2025

Discover the true cost of commercial battery energy storage systems (ESS) in 2025. GSL Energy breaks down average prices, key cost factors, and why now is the best time ...



U.S. Residential Lithium-ion Battery Energy Storage System Market

The U.S. residential energy storage systems market witnessed swift growth in the last few years. As a result, imports of residential ESS have rapidly increased after 2020. ...

Vietnam Electricity increases average retail price by 4.8%

State utility Vietnam Electricity (EVN) on Friday increased the average retail price by 4.8% to VND2,103.1 (8.5 U.S. cents) per kWh, not including value-added tax (VAT), ...



The Real Cost of Commercial Battery Energy Storage ...

With fluctuating energy prices and the growing urgency of sustainability goals, commercial battery energy storage has become an increasingly attractive energy storage solution for businesses. But what will the ...

Sungrow Unveils Next-Generation Residential ESS

PHU QUOC ISLAND, Vietnam, July 18, 2025 /CNW/ -- Sungrow, the global leading PV inverter and energy storage system provider, successfully unveils its next ...



Residential Battery Storage , Electricity , 2024 , ATB

For a 5-kW, 12.5-kWh battery, the technology innovation scenarios for residential BESSs described above result in capital expenditures (CAPEX) reductions of 17% (Conservative Scenario), 30% (Moderate Scenario), and 52% (Advanced ...

Residential PV-ESS System Market

The average residential PV-ESS installation cost in Germany exceeds EUR18,000 (\$19,500), requiring households to commit significant savings or secure loans. While government ...



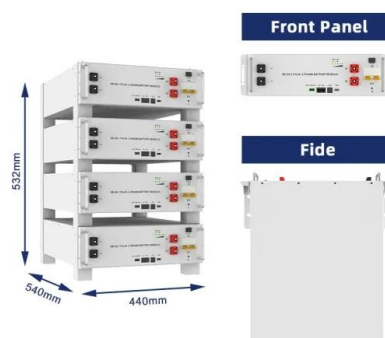
Vietnam's electricity price compared to the world at 2023

According to a report by Vietnam Electricity Corporation, electricity prices in Vietnam are calculated based on the retail electricity price for domestic use from 1,864 VND/kWh to 2,701 ...



Residential All-In-One Energy Storage Systems (ESS) Market

These converging factors drive average residential ESS prices to \$1,200-\$1,500 per kWh in 2024, with lead times stretching to 9-14 months for customized configurations.



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.



Scaling the Residential Energy Storage Market

The value chain is evolving, as residential energy storage providers that integrate hardware components and software into a final product for the customer face fierce competition. These ...





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 ...

Vietnam increases average electricity retail price

On 3 February 2023, the Vietnam Prime Minister announced a new price bracket of average electricity retail price in Decision No. 02/2023/QĐ-TTg (" Decision 02 "), which replaces ...



Vietnam's 2025 Retail Electricity Rates

Under Decision No. 599/QĐ-EVN dated 7 May 2025, EVN declared the average retail electricity price (excluding VAT) as of 10 May 2025 is VND 2,204.0655/kWh. The ...

Review on Energy Storage Systems (ESS) -A Study ...

In this paper we discussed the effectiveness of ESS Solution in Vietnam's Solar Energy Storage. Vietnam is one of Asia's fastest expanding energy markets. Vietnam's government predicts the



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 VAT).



Is A 10kW Solar System Right For Your Home?

Key takeaways The average 10kW solar system in the U.S. will cost about \$21,000 after the federal solar tax credit. 10kW solar systems are usually made of between 25 and 27 solar panels. You will need between 440 and 475 square ...



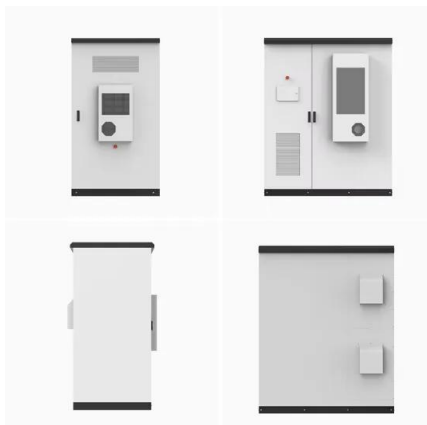
Sungrow Unveils Next-Generation Residential ESS Designed for ...

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How to Determine the Right Size Energy Storage System for ...

In a world increasingly reliant on electricity and facing the challenges of climate change, energy storage systems (ESS) are becoming a crucial component of both residential ...

Vietnam Electricity increases average retail price by ...

State utility Vietnam Electricity (EVN) on Friday increased the average retail price by 4.8% to VND2,103.1 (8.5 U.S. cents) per kWh, not including value-added tax (VAT), with immediate effect. In a statement on the ...





Sungrow Unveils Next-Generation Residential ESS Designed for ...

Phu Quoc Island, Vietnam, July 22, 2025 - Sungrow, the global leading PV inverter and energy storage system provider, successfully unveils its next-generation ...

Residential Energy Storage Systems Market Analysis ...

Residential Energy Storage Market Size - Industry Report on Share, Growth Trends & Forecasts Analysis (2025 - 2030) The Report Covers Global Residential Energy Storage System (ESS) Market Growth and is ...



Solar Photovoltaic System Cost Benchmarks

The U.S. Department of Energy's solar office and its national laboratory partners analyze cost data for U.S. solar photovoltaic systems to develop cost benchmarks to measure progress towards goals and guide research and development ...



10kW Solar Systems: What to Know (2025)

In San Diego, California, a 10kW solar energy system could produce an average of 17,826 kilowatt-hours of electricity per year. In Seattle, Washington, the same 10kW solar system would only

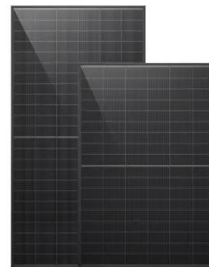


Sungrow Unveils Next-Generation Residential ESS

Designed for Reliable Backup Power PHU QUOC ISLAND, Vietnam, July 18, 2025 /PRNewswire/ -- Sungrow, the global leading PV inverter and energy storage system ...

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Residential Energy Storage Market Size & Share, ...

The global residential energy storage market size was USD 801.3 million in 2023, and to cross USD 4,240.3 million by 2030, at a CAGR of 27.9% between 2024 and 2030.

Sungrow Unveils Next-Generation Residential ESS

Designed for Reliable Backup Power PHU QUOC ISLAND, Vietnam, July 18, 2025 /CNW/ -- Sungrow, the global leading PV inverter and energy storage system provider, ...



Residential Energy Storage: U.S. Manufacturing and Imports ...

The residential energy storage system (ESS) market was dominated by Tesla in 2020 and, as a result, domestic production met most U.S. demand. Smaller U.S. producers are also benefiting ...

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