

Global PV Storage Insights

Average residential ESS price per 5kWh 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.

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.

Effective October 11, 2024, the national utility, EVN, has raised the average retail electricity price by 4.8%. This translates to a new rate of VNĐ2,103.1159 per kilowatt-hour, excluding Value Added Tax, up from the previous VNĐ2,006.79. You might want to ask?

View more Vietnamese households and. How much does electricity cost in Vietnam?

The electricity price for businesses is VNĐ 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.

Does EVN sell electricity in Vietnam?

Retail electricity prices in Vietnam are regulated and, though permitted, price rises are not all that common. This has led to EVN selling electricity below cost price — In January of 2024, it was losing as much as VNĐ 142.5 per kilowatt-hour sold.

How are electricity prices regulated in Vietnam?

Electricity prices in Vietnam are regulated by the government and vary by sector, voltage level, time of day (normal, off-peak, peak), and geography. Businesses in industrial parks, service sectors, or using wholesale arrangements may face different pricing structures.

Why is electricity pricing important in Vietnam?

Electricity pricing has far-reaching implications, as energy accounts for approximately 15% of Vietnam's GDP. That makes MOIT's decisions central to the nation's economic planning and clean energy roadmap. A Look Toward a Smarter Energy Future.

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.

Is coal a viable source of energy in Vietnam?

Vietnam's coal power industry remains a dominant source of energy, accounting for nearly half of the country's electricity generation. The rapid economic growth and industrialisation over the past two decades have led to a significant increase in energy demand, making coal a reliable and affordable option to meet these needs.

Average residential ESS price per 5kWh in Vietnam



Electricity retail price hiked by 4.8 per cent

Electricity of Vietnam (EVN) has announced an increase in the average electricity retail price by 4.8 per cent, effective from October 11.

Vietnam increases average electricity retail price

16 March 2023 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 ...



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).

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

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/QĐ-EVN.



From tomorrow, electricity prices will increase by 4.8% to more ...

Electricity workers check the operation of electrical equipment (illustrative photo) At a press conference on the afternoon of May 9, Vietnam Electricity (EVN) announced that the ...

What Is ESS Battery Cost Per kWh?

ESS battery costs per kWh vary significantly based on system configuration, chemistry, and scale. As of mid-2025, lithium iron phosphate (LFP) battery cells for energy ...



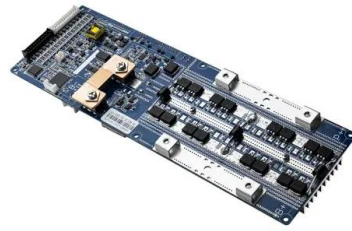
Average Solar Battery Prices , Updated Quarterly

Average battery price per warranted 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 ...



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 ...



What Should You Expect to Pay for a 5kW Battery in ...

What is the Average Cost of 5kW Batteries in Ireland? Understanding the average cost of a 5kW battery in Ireland helps you plan your budget better. Prices can vary depending on several factors, so knowing the ...

Increase in electricity prices concerns manufacturer

The average electricity retail price has been increased by 4.8 per cent to VND2,103.11 (US\$0.085) per kWh, triggering concerns about its impact on residential and business lives.



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 ...

Cost Projections for Utility-Scale Battery Storage: 2023 Update

Executive Summary In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration ...



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 ...

Electricity prices around the world , GlobalPetrolPrices

Residential and business electricity rates in 150 countries around the world. Several data points for low, medium and high consumption. Final retail prices with all taxes and fees included. ...



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).

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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 ...

Fall 2024 Solar Industry Update

Residential system price varied by state, between \$2/W and \$3/W. The median quoted price for the top four solar deployment states was below the national average.



High-capacity Residential Energy Storage System

Hinen's high-capacity energy storage solution uses battery clustering to optimize energy use in areas with varying electricity prices. Feed excess power back into the grid to maximize savings ...

Electricity Rates by State , September 2025 , Choose Energy

The average residential electricity rate in the U.S. is 17.47 cents per kilowatt-hour (kWh). The September Choose Energy Electricity Rates Report shows you the cost of ...

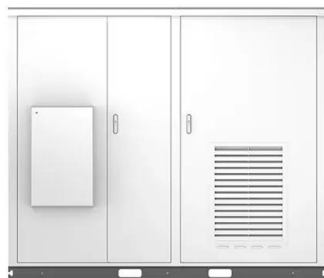


How Much Is Electricity in Vietnam? Unveiling the Costs Behind ...

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 - ASEAN Energy Database System (AEDS)

The residential electricity price is purchased at 0.07 USD/kWh and consumed by citizens on the average of 1,809 kWh per capita. As of 2018, the power production is dominated by coal with a ...



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 ...

How much does electricity cost in Vietnam?

Navigating Vietnam's Rising Electricity Costs: What Consumers Need to Know Vietnamese households and businesses are feeling the pinch of rising electricity prices. ...



BESS prices in US market to fall a further 18% in ...

The average 2024 price of a BESS 20-foot DC container in the US is expected to come down to US\$148/kWh, down from US\$180/kWh last year, a similar fall to that seen in 2023, as reported by Energy-Storage.news, when CEA launched ...

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 ...



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 ...

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 ...



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