

## Global PV Storage Insights

# Average residential ESS price per 50kWh in Vietnam



## Overview

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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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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).

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.

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.

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 same day, EVN said the move complies with regulations introduced by the Prime.

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.

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 VND 142.5 per kilowatt-hour sold.

How much does electricity cost in India?

Under the new pricing framework issued by the Ministry of Industry and Trade on May 9, electricity prices vary significantly across user categories. For households, residential electricity is divided into six pricing tiers. The lowest tier is VND 1,984/kWh, while the sixth and highest tier is VND 3,460/kWh.

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 is the lowest electricity price in India?

Remarkably, the lowest electricity price for manufacturers is VND 1,146/kWh - applicable during off-peak hours at voltages of 110 kV and above. This is VND 838/kWh lower than the lowest residential rate.

What is a retail electricity rate?

Retail electricity for commercial use is divided into three voltage levels, with rates varying depending on time of use. The lowest business rate is VND

1,829/kWh (for off-peak hours at voltages between 6 kV and 22 kV), which is VND 683/kWh higher than the lowest manufacturing rate and just VND 155/kWh below the lowest residential rate.

## Average residential ESS price per 50kWh in Vietnam

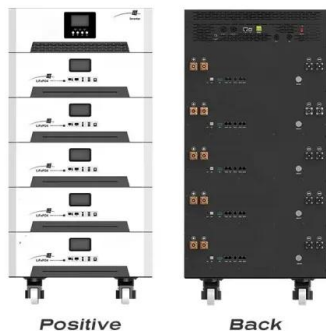


### Cost Projections for Utility-Scale Battery Storage: 2023 Update

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 ...

### Energy and CO2 in Vietnam

of electric energy per year. Per capita this is an average of 2,748 kWh. Vietnam could be self-sufficient with domestically produced energy. The total production of all electric energy producing facilities is 294 bn kWh, which is 106 percent of ...



### 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 ...

### 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'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).

## BNEF finds 40% year-on-year drop in BESS costs

However, while the falling prices of materials significantly helped along the drop last year (also evident in a 20% fall in average battery pack prices), there are a myriad of other factors which have driven that reduction, ...



## [Electricity prices around the world](#)

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. Updated quarterly since 2019 to present.

## 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.



## 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 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.



### **GRADE A BATTERY**

LiFePO4 battery will not burn when overcharged, over discharged, overcurrent or short circuit and can withstand high temperatures without decomposition.



## **ESS Battery Price Trends and Cost-Saving Solutions for ...**

Breaking Down Modern ESS Battery Economics A typical 10kWh residential storage unit now costs \$6,200-\$8,400 installed - 45% cheaper than 2020 equivalents. For commercial projects, ...

## Commercial & Industrial ESS Solutions

Our Commercial & Industrial ESS Solutions caters to the energy demands of various business scenarios, achieving peak shaving and valley filling.



## 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

## 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.

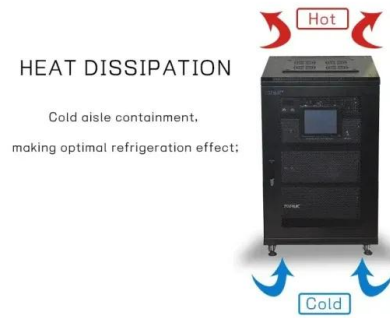


## NEMS Prices

The data availability is denoted in the bracket, where D is the trading day followed by the number of business days. Data can be downloaded in CSV format for periods covering up to 31 days ...

## 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 ...



## Cost of Electricity by State, Electric Rates by State

Residential Electricity Cost by State (March 2025)  
 The table below compares average electricity cost by state according to the US EIA, ranked from lowest to highest. The table also shows the current status of electricity ...

## 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 ...



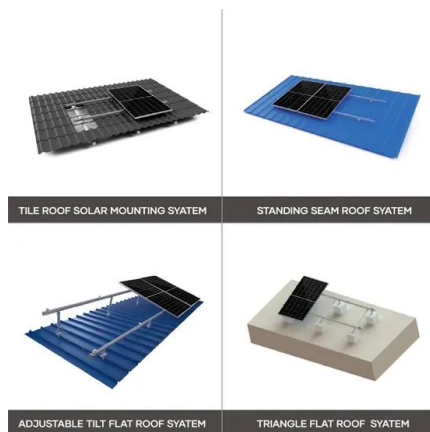
## Battery Energy Storage System Cost per kWh: Breaking Down ...

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What's the Real Price Tag in 2024? Let's cut through the noise: the average BESS cost per kWh currently ranges from \$150 to \$450 globally. Wait, no--that's actually last year's data. Fresh ...

## 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 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 ...

## Household electricity price has new calculation method, highest is

Notably, the retail electricity price for the group of customers using electricity for household purposes includes 5 levels with gradually increasing prices to encourage ...



## 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 ...

From 2014, each of those households is subject to monthly support of electricity equivalent to 30 kWh per month as long as their consumption is below 50 kWh monthly. Vietnam's latest power price hike was ...



## ESS Price per kWh in 2025: Trends, Costs, and Key Savings

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Why ESS Prices per kWh Are Dropping Faster Than Expected You've probably heard the buzz about energy storage systems (ESS) becoming more affordable, but did you know lithium-ion ...

## Vietnam's retail electricity price climbs 4.8%

Hanoi (VNA) - Vietnam Electricity (EVN) on May 9 announced that the average retail electricity price will be increased by 4.8% starting from May 10, marking the fourth hike ...



## 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 ...

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