

## Global PV Storage Insights

# Average residential ESS price per 30kW 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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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 a kWh cost in Hanoi?

(Photo: VNA) Hanoi (VNS/VNA) - The bracket of average electricity retail prices has been increased to 1,826.22 VND (0.078 USD) per kWh for the floor price and 2,444.09 VND (0.1 USD) for the ceiling price, according to the Prime Minister's Decision No 02/2023/QĐ-TTg dated on February 3.

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.

## Average residential ESS price per 30kW in Vietnam

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### Commercial & Industrial ESS Solutions

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

### 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 ...



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

Battery Energy Storage Systems (BESS) are becoming essential in the shift towards renewable energy, providing solutions for grid stability, energy management, and ...

### 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. ...



## 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 ...

## 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 ...



## 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 ...

## All in One ESS Battery 30kW / 60kWh 70kWh 80kWh 90kWh

Efficient, Reliable, Sustainable: All in One ESS Battery 30kW / 60 ~ 90kWh ESS-GRID DyniO is a high-efficiency, high-reliability all-in-one battery system developed mainly for small and ...



SUPPORT REAL-TIME ONLINE MONITORING OF SYSTEM STATUS



## Vietnam electricity prices

The residential electricity price in Vietnam is VND 0.000 per kWh or USD . These retail prices were collected in December 2024 and include the cost of power, distribution and transmission, ...

## 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 Battery Storage , Electricity , 2024 , ATB , NREL

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 ...



## 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



### 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 ...

## 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 ...

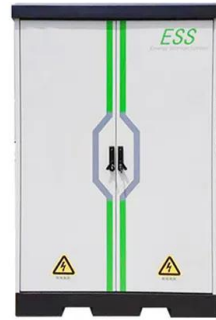


## Vietnam raises electricity prices: Businesses pay up to VND ...

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).

## 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 ...



## Residential ESS Solutions

Residential ESS Equipped with CATL LFP battery cells, the whole series has intelligent EMS, integrated design, ultimate safety, and guards the family's energy security.

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

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## What Does Green Energy Storage Cost in 2025?

In 2025, you're looking at an average cost of about \$152 per kilowatt-hour (kWh) for lithium-ion battery packs, which represents a 7% increase since 2021. Energy storage systems (ESS) for four-hour durations exceed \$300/kWh, marking the ...

## 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.



## 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 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 ...

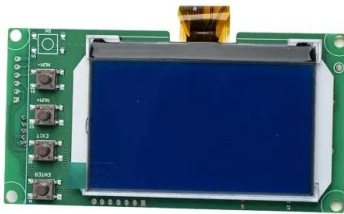


## Residential Energy Consumption Survey (RECS)

The data collection for the 2024 Residential Energy Consumption Survey (RECS) Energy Supplier Survey (ESS) started in July 2025. RTI International is collecting survey responses on behalf of ...

## 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 ...

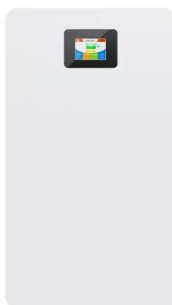


## Vietnam's electricity price compared to the world at 2023

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 ...

## Residential Energy Storage Market Size & Share, 2024-2030

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.



## Solar Installed System Cost Analysis , Solar Market ...

Solar Installed System Cost Analysis NREL analyzes the total costs associated with installing photovoltaic (PV) systems for residential rooftop, commercial rooftop, and utility-scale ground-mount systems. This work has ...

## 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), ...



## 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 ...

## 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 ...



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