

# **Average residential ESS price per 500MW in Indonesia**





## Overview

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Provides statistical tables and publications grouped into various CSA (Classification of Statistical Activities) subjects v1.1. Apart from that, the tables provided also include tables in Indonesian Statistics publications. Energy - energy supply, energy use, energy balances, security of supply.

The residential electricity price in Indonesia is IDR 1,444.700 per kWh or USD 0.089. The electricity price for businesses is IDR 1,114.740 kWh or USD 0.069. These retail prices were collected in December 2024 and include the cost of power, distribution and transmission, and all taxes and fees.

The Electricity, hho, ID price was approximately 1,440 IDR per kWh, indicating no change of 0% in comparison to the previous month's figure. On a year-over-year basis, Electricity, hho, ID prices showed minimal variation of 0%. The Electricity, ind, ID price was about 997 IDR per kWh, reflecting no.

alone reached IDR 131.5 trillion or USD 9 billion in 2021, which is IDR 49.8 trillion or USD 3.4 billion for electricity ia PLN. In addition to the subsidy, PT PLN receive additional compensation in the amount of IDR 24.6 trillion (USD 1.77 billion). The total el rocketed in 2022, the subsidy.

The publication of the Consumer Price of Selected Goods and Services for Housing, Water, Electricity, and Household Fuel Group of 150 Regencies/Municipalities in Indonesia 2024 presents price data obtained from the monthly Consumer Price Survey in 150 regencies/municipalities (38 provincial.

The Indonesia Energy Prices & Markets report provides comprehensive price



and market data for key energy commodities in Indonesia. The report includes: Subscribe to access now the report and receive monthly report releases that will keep you up-to-date about Indonesia energy markets. Receive a new. What drives energy pricing in Indonesia?

Energy pricing is driven by evolving policy frameworks, subsidy structures, and ongoing infrastructure development. The Indonesia Energy Prices & Markets report provides comprehensive price and market data for key energy commodities in Indonesia. The report includes:.

How much does electricity cost in Indonesia?

The residential electricity price in Indonesia is IDR 1,444.700 per kWh or USD 0.089. The electricity price for businesses is IDR 1,114.740 kWh or USD 0.069. These retail prices were collected in December 2024 and include the cost of power, distribution and transmission, and all taxes and fees. Compare Indonesia with 150 other countries.

What type of energy is produced in Indonesia?

Based on the United States Energy Information Administration data from 2022, electricity in Indonesia is produced from the following sources: fossil fuels 85.75%, wind 0.11%, solar 0.14%, hydro 8.69%, nuclear 0.00%, and geothermal 5.31%. You can also compare the energy mix of Indonesia to other countries.

Why is solar installation cost more expensive in Indonesia?

The local solar manufacturing industry has not been able to develop yet and thus the production cost of a local solar module is comparably more expensive to global market (further discussion see section 'Policy Discussion: What If?

’) Installation cost in Indonesia is generally cheaper due to low labour cost.

How to reduce the cost of renewable electricity in Indonesia?

This is one reason why having access to cheap capital is one of the most critical factors for bringing down the cost of renewable electricity. Most power plant projects in Indonesia have 70-80% of debt in its financing and depending on the funders, the interest rate ranges from 5-8% (international funding) and 7-12% (local funding).

Which tables are included in Indonesian Statistics Publications?



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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 ...



### [Energy Storage Systems \(ESS\) Projects and Tenders](#)

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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 ...



### **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 ...

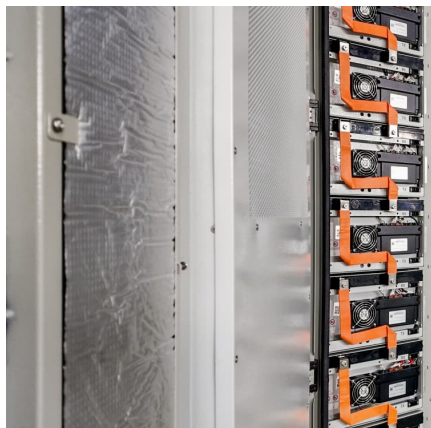


[Solar Installed System Cost Analysis , Solar Market ...](#)

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 ...

**Energy Storage System Price Trends and Cost-Saving Solutions ...**

While the global average ESS price per kWh sits at \$465, regional disparities remain stark. The US market sees \$550-\$650/kWh for residential systems due to import tariffs, whereas ...



**Cost of Living in Indonesia. Prices in Indonesia. Updated Sep ...**

Average prices of more than 40 products and services in Indonesia. Prices of restaurants, food, transportation, utilities and housing are included.



### Annual electricity system operations cost by component in ...

Annual electricity system operations cost by component in Indonesia in the Base and Enhanced Flexibility cases, 2030 - Chart and data by the International Energy Agency.



### [Consumer Price of Selected Goods and Services for ...](#)

The data presented in this publication is the average price of several most consumed goods specifications in each regency/municipality. ...

### [Average Salary in Indonesia 2025: Monthly & by Sector](#)

Explore the average salary in Indonesia, with monthly wages divided by sector and executive compensation as well as entitlements and minimum wages.



### [SECI allocates 2 GW solar, storage at average price ...](#)

NTPC Green Energy Ltd secured 500 MW and Hero Solar 270 MW by quoting the lowest price of INR 3.52/kWh. Sembcorp and Solarcraft (an SPV of Blupine Energy) also won 150 MW each at this price.



### SECI allocates 2 GW solar, storage at average price of INR ...

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### [How much does it cost to build a battery energy ...](#)

How much does it cost to build a battery in 2024? Modo Energy's industry survey reveals key Capex, O& M, and connection cost benchmarks for BESS projects.

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

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 ...





### Indonesia electricity prices

These retail prices were collected in December 2024 and include the cost of power, distribution and transmission, and all taxes and fees. Compare Indonesia with 150 other countries.

### Energy

Energy - energy supply, energy use, energy balances, security of supply, energy markets, trade in energy, energy efficiency, renewable energy sources, government expenditure on energy.



### Cost of Living in Indonesia, Indonesia. Updated prices in Indonesia

The average cost of living in Indonesia, Indonesia is \$487 with an average salary of 271.41 and a population of 275,439,000. Compare the cost of living in Indonesia with 7816 ...

### [Average Rent in Indonesia: Costs and Trends](#)

Average Rent in Indonesia: Costs and Trends  
Understanding the average rent in various Indonesian cities is crucial for anyone considering moving or investing in the real estate ...



### [Electricity Price in Indonesia , Intratec](#)

The report presents Electricity price assessments, including short-term forecasts and historical prices, along with market-related data such as production and demand analysis, and trade ...



### [What is the average house price in Indonesia? \(Sept ...](#)

Indonesia's property market offers diverse opportunities across major cities like Jakarta, Bali, and Surabaya, with house prices varying significantly by location and property type. As of September 2025, the average ...



### **Residential PV-ESS System Market**

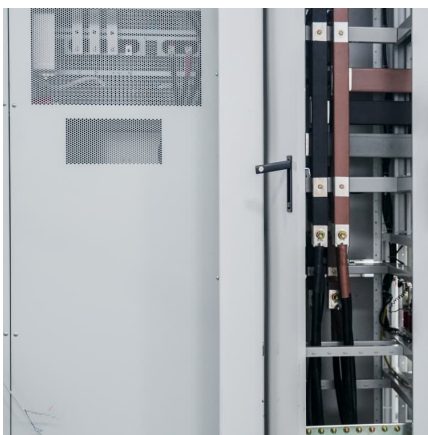
The average residential PV-ESS installation cost in Germany exceeds EUR18,000 (\$19,500), requiring households to commit significant savings or secure loans. While government ...





### LEVELIZED COST OF ELECTRICITY IN INDONESIA

Taking solar PV as an example, despite the low local labour and land cost, the local module prices in Indonesia are significantly higher compared to the global market due to higher margin.



### **Residential Energy Storage Systems (ESS): What You Need to ...**

Discover everything you need to know about residential energy storage systems (ESS). Learn how ESS works, its benefits, challenges, and how it can improve your home's ...

### **India:1.2 GW/1.2 GWh solar, storage tender wraps at average price ...**

SECI has concluded its latest tender for 1.2 GW of solar with 600 MW/1.2 GWh of storage capacity at a final average price of INR 3.42/kWh (\$0.041/kWh). JSW Neo Energy ...



### **Making Energy Transition Succeed A 2023's Update on The ...**

use of ESS is limited in Indonesia. Meanwhile, ESS has broad technology options, which make it superior in specific applications. Here, the costs of ESS technolo



### [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 ...



### [Costs of 1 MW Battery Storage Systems 1 MW / 1 ...](#)

Discover the factors affecting the Costs of 1 MW Battery storage systems, crucial for planning sustainable energy projects, and learn about the market trends!

### **Cost of Living in Indonesia. Updated prices in Indonesia and 54 ...**

The average cost of living in Indonesia is \$1033 with an average salary of 334.78 and a population of 275,439,000. Compare the cost of living in 54 cities in Indonesia.



### [Basic Salary and Average Salary in Indonesia:](#)



[2025 ...](#)

2 ???· Explore Indonesia's salary landscape - from basic salaries in various cities to the average earnings in different professions.

### 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 ...



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