

Average residential ESS price per 5kW in Indonesia

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 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?

Apart from that, the tables provided also include tables in Indonesian Statistics publications. Energy - energy supply, energy use, energy balances, security of supply, energy markets, trade in energy, energy efficiency, renewable energy sources, government expenditure on energy.

How much does solar PV cost in Indonesia?

Similar to wind, current installed solar PV capacity in Indonesia is only 90 MW, with the capital cost still ranges from 700 to 1200 USD/kW, higher than capital costs in Europe, China and India which mostly below 1000 USD/kW (IRENA, 2019). The cost in leading markets even reaches below 500 USD/kW in 2019 (Vartiainen, et. al, 2019).

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 does Indonesia balance its energy needs?

Indonesia balances its domestic needs with a robust export profile, especially for coal and natural gas. Energy pricing is driven by evolving policy frameworks, subsidy structures, and ongoing infrastructure development.



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