



# Expected ROI of residential solar battery project in Vietnam 2025

How much solar energy will Vietnam generate in 2025?

In Vietnam, electricity generation within the Solar Energy market is projected to reach 29.43bn kWh in 2025. The country is expected to witness an annual growth rate of 1.29% during the period from 2025 to 2029 (CAGR 2025-2029).

Why should foreign investors invest in solar energy in Vietnam?

Vietnam's solar energy market, driven by high solar potential and strong government support, plays a key role in the country's "Net Zero" commitment, among other fields of green energy. For foreign investors, this presents a golden opportunity to tap into a rapidly growing sector with sustainable impacts.

How is solar energy regulated in Vietnam?

Vietnam's solar power sector is governed by a number of key regulations and policies aimed at promoting the development of renewable energy while managing the challenges associated with rapid growth.

Will solar power capture the largest market share in Vietnam?

Given these developments and a forward-looking approach, the solar power sector is expected to capture the largest market share in Vietnam over the next five years. Vietnam Briefing is published by Asia Briefing, a subsidiary of Dezan Shira & Associates. We produce material for foreign investors throughout Asia, including ASEAN, China, and India.

Why is Vietnam focusing on solar energy?

It was followed by wind energy, which produced 11.4 million kWh (4.1 percent), and biomass, which generated 853 million kWh (0.3 percent). Vietnam's strategic focus on solar energy not only addresses environmental concerns but also supports the nation's economic development and energy security.

Does Vietnam have a trading mechanism for solar energy?

Trading mechanism: Vietnam has established a trading mechanism for solar energy, allowing both rooftop and large-scale renewable energy generating units to enter direct power purchase agreements (DPPAs) with large electricity consumers. This mechanism was introduced in Decree No. 80/2024/ND-CP in July 2024.



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