



# Average PV energy storage price per 1GW in Vietnam

How much does a solar plant cost in Vietnam?

Vietnam's Ministry of Industry and Trade (MoIT) has published the new feed-in tariffs for utility-scale solar plants. For projects without battery storage, the tariff will be VND 1,382.7 (\$0.053)/kWh for the northern part of the country, VND 1,107.1/kWh for the central part, and VND 1,012.0/kWh for the southern region.

How much solar power does Vietnam have?

According to the latest statistics from the International Renewable Energy Agency (IRENA), Vietnam had approximately 18.66 GW of installed PV capacity at the end of 2024. Last year's new additions totaled around 79 MW. This content is protected by copyright and may not be reused.

Why should Vietnam invest in solar power?

Vietnam can leverage domestic solar manufacturing to meet domestic demand, implement direct power purchase agreements (DPPAs) enabling private renewable supplies, accelerate grid and battery storage infrastructure, and avoid costly LNG imports by prioritizing renewables.

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).

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.

What are the requirements for a battery project in Vietnam?

The Vietnamese authorities also decided that battery projects under the FiT scheme must have at least 10% of a PV plant's capacity and offer at least 2 hours of storage. According to the latest statistics from the International Renewable Energy Agency (IRENA), Vietnam had approximately 18.66 GW of installed PV capacity at the end of 2024.

**Capacity Factor Definition:** The capacity factor represents the expected annual average energy production divided by the annual energy production assuming the plant operates at rated capacity for every hour of the year. It is intended to ...

H&#192; NOI -- The Ministry of Industry and Trade (MoIT) has officially issued the 2025 electricity generation price ceiling framework for various types of power plants, including hydropower, gas turbines using natural gas and solar power.



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