

# Vietnam's preferential policies for solar power generation

Is solar power a viable option for Vietnam?

Solar power generation is an increasingly attractive option for Vietnam thanks to recent cost reductions, fast construction timelines, and the contribution solar power can make to ensuring energy security and environmental sustainability.

Is Vietnam a leader in solar and wind energy development?

Since 2019, Vietnam has emerged as the leader in solar and wind power generation in the ASEAN region with the most installed capacity. While other ASEAN countries have similar prospects, they have yet to see the fast growth in solar and wind energy development that Vietnam has experienced.

How has solar policy been implemented in Vietnam?

According to our expert interviewees, significant effort has gone into facilitating solar policy implementation in Vietnam. Prime Ministerial decisions relating to the sector were made and subsequently detailed in MOIT circulars and EVN technical guidance documents.

What are the characteristics of Vietnam's solar and wind power development?

Eight important characteristics of Vietnam's solar and wind power development are strong political and social support, high FITs, gross metering, land lease exemptions, an absence of reverse auctions, an enabling investment environment, fossil fuel subsidy reform, and regulations on solar and wind equipment recycling.

How much power will Vietnam have by 2021?

According to the draft Power Development Plan 8 of February 2021, solar and wind capacity will reach 18.6 GW and 18 GW by 2030, respectively, accounting for about 26% of the total electricity generation capacity (Vietnam Energy Institute, 2021).

Can Vietnam adopt solar and wind power for other countries?

Semi-structured interviews were conducted with 20 experts from government agencies, academia, private sector, and civil society in Vietnam to inform the analysis. To our knowledge, this is the first paper to investigate policy lessons from Vietnam's initial success in adopting solar and wind power for other countries in the ASEAN region.

For rooftop solar power systems with electricity generation operations and meter readings confirmed in the period from July 1, 2019 to December 31, 2020: Electricity purchase price (excluding value added tax) in 2024 is 1,999 VND/kWh, equivalent to 8.38 UScents/kWh. ... Issuing the purchase price of rooftop solar power is an important policy of ...

In principle, the prices for wind and solar power are within a range of values from the minimum value

# Vietnam's preferential policies for solar power generation

(VND0/kWh) to the maximum value that is released annually. The electricity generation prices of a standard solar and wind power plant is calculated by the average fixed price + with the fixed operating and maintenance costs.

Vietnam's solar power market and the associated regulatory regime continue to constantly evolve. The latest Circular 18 introduces updated requirements as well as a revised mandatory template PPA. Solar power projects with a commercial operation date between July 1, 2019 and August 31 will need to revise their pre-existing PPAs. Source:vir.vn

The subjects of application in the draft Circular are Vietnam Electricity Group (EVN) and individuals and organizations participating in the investment and construction of solar power plants, wind power, and electricity using waste. solid, biomass power (except for solar power plants, transitional wind power plants specified in Point b, Clause 2, Article 1 of Circular ...

In Ho Chi Minh City, Vietnam (latitude: 10.8230989, longitude: 106.6296638), solar power generation is highly suitable due to the consistent sunlight received throughout most of the year. The average daily energy production per kW of installed solar capacity varies by season, with 5.58 kWh/day in Summer, 4.92 kWh/day in Autumn, 5.61 kWh/day in Winter, and 6.26 ...

2.2 Solar power projects for consumption within Vietnam (i) Concentrated solar power projects. Under the National Power Development Master Plan, the total capacity of concentrated solar power projects to be ...

This Decree stipulates the mechanism and policies to encourage the development of self-produced and self-consumed solar power installed on the roofs of construction works including houses, offices, industrial parks, industrial clusters, export processing zones, high-tech zones, economic zones, production facilities, and business ...

Decree 135: Paving the Way for Rooftop Solar Power in Vietnam. On 22 October 2024, the Government of Vietnam issued Decree No. 135/2024/ND-CP stipulating policies encouraging development of self-produced and self-consumed rooftop solar power ("Decree 135"), which would immediately take effect from the date of issuance.. Decree 135 ...

EVN has been assigned a solution to handle 14 solar power projects that are entitled to incorrect incentive prices (FIT prices) in Ninh Thuan. The conclusion of the Government Inspectorate said that the subjects mentioned in Resolution 115 will enjoy the FIT price of 9,35 cents per kWh for 20 years.

This study aims to evaluate the economic feasibility of solar energy generation in Vietnamese households, focusing on the north, middle, and south regions. Using the Ecotect software, the study assesses the potential for solar energy production, while also examining the country's solar power policy for electricity production.

# Vietnam's preferential policies for solar power generation

Government of Vietnam's solar power purchase and sale policy (Table 1), a series of solar power plants were established across the country, mainly in the South-Central Coast provinces. Thus in 2018 installed capacity of solar power in Vietnam only reached 105 MW, in 2019 this number has increased to 5GW, and by 2020, the installed capacity

Vietnam's power sector has been expanding alongside its economy--at USD223.9 billion in 2017--one of the 20 fastest growing in the world with year-over-year growth rates ranging from above 5 percent per year to 7.1 percent ...

The Vietnam Government has recently issued Decree No. 135/2024/ND-CP dated 22 October 2024 ("Decree 135") stipulating mechanisms and policies to encourage the development of rooftop solar power for self-production and self-consumption. Decree 135 took effect on the same date of its issuance.

transmission and distribution networks and accounting for almost 38.23% of Vietnam's power supply, Vietnam Electricity (EVN) accounts only 2% and less than 1% to the total installed capacity of ...

Under the draft PDP 8, the Government of Vietnam intends to increase solar capacity to 18.6 GW and wind capacity to 18 GW by 2030. In 2020, Vietnam's solar and wind capacity was 16.6 GW and 0.6 GW, respectively. ...

Only encourage solar power on the roofs of offices and houses. When the draft was published, on some social networking forums, it was suggested that the Ministry of Industry and Trade should expand the ...

Nguyen et al. [48] reviewed the international LCOE for RES and the costs of RES in Vietnam with data from 2017 and earlier, including wind power, solar power, hydropower, biomass, and geothermal.

Hanoi, Vietnam (latitude: 21.0313, longitude: 105.8516) is a suitable location for solar PV installations due to its consistent sunlight exposure throughout the year. The average daily energy production per kW of installed solar capacity varies by season, with 5.82 kWh/day in Summer, 3.97 kWh/day in Autumn, 3.02 kWh/day in Winter, and 3.97 kWh/day in Spring.

**Key policy highlights:** Unlocking the potential of the rooftop solar power sector. Several key initiatives will be implemented if the draft Decree becomes official. Classification of solar power systems in Vietnam. The draft Decree outlines two categories of development for rooftop solar power: Self-produced and self-consumed systems:

Vietnam has recently seen a remarkable solar photovoltaic (PV) boom, the first stage of a major and rapid energy transition in the country. The country's solar PV capacity increased from only 86 MW in 2018 to 4,750 MW in 2019 (Figure 1). With this, Vietnam passed Thailand to have the largest installed capacity for solar power generation among members of ...

# Vietnam's preferential policies for solar power generation

This paper discusses key drivers of Vietnam's solar power boom and highlights a number of policy implications for other ASEAN countries. Figure 1. Solar installed capacity in key ASEAN ...

The new FIT tariffs under Decision 13 highlight Vietnam's preference of rooftop and floating solar which is likely attributable in part to land issues and the difficulties agreeing compensation with local authorities for the ...

The cumulative power generation output from rooftop solar PV has reached more than 1.13 billion kWh so far. Experts have said that Vietnam, especially the southern region, has great potential for solar power development thanks to the large number of sunshine hours.

Solar energy played a minor role in Vietnam's energy policy in 2017. But, by the end of 2019, Vietnam had surpassed Malaysia and Thailand as the Southeast Asian country with the most solar panels installed. The country now has 5 gigawatts (GW) of photovoltaic projects under construction, far exceeding the goal of 1 GW by 2020.

A letter signed by 36 companies developing wind and solar projects in Vietnam has been sent to Prime Minister Pham Minh Chinh to ask for changes in power price policies. ... The 20-year preferential FiTs are 9.35 U.S. cents per kWh (Decision 11/2017) and 7.09-8.38 U.S. cents per kWh (Decision 13/2020) for solar power projects that became ...

China's solar photo-voltaic power generation industry policies analysis ... loan guarantees and other preferential policies; ... the electricity generation from solar power increased from only 22 ...

Vietnam's combined solar and wind power capacity reached 176 W per capita, the highest in ASEAN. Government commitment to electricity availability and strong public support for clean energy have been key drivers.

This conference is a scientific forum for the domestic and international investors and enterprises of wind, solar and gas power projects to share and highlight the favorable factors of the State's policy orientation, reflecting difficulties, obstacles and barriers in the process of project implementation and proposing specific policy recommendations to develop gas, wind ...

Hanoi (VNA) - Solar power is attracting great attention from the Vietnamese Government and businesses, but certain challenges are facing the utilisation of this type of renewable energy. In ...

Studies by local and international experts in the report clarified conflicts between agricultural production and power generation in Vietnam. Studies in Can Tho City, according to the report, showed that there were nine ...



# Vietnam s preferential policies for solar power generation

Web: <https://mzanzipestcontrol.co.za>

