

# Photovoltaic power generation support policy documents

What are the main policies for PV power generation?

In the operation phase, electricity sales policies are the main policies. Government supports different forms of PV power generation projects at different stages according to its policy orientation. In the future, policies should focus on the distributed PV power generation, rather than on concentrated PV power.

Who formulates policies on photovoltaic power generation?

Nevertheless, policies on photovoltaic power generation have been mainly formulated by a single department: the National Development and Reform Commission or the National Energy Administration. In addition, as shown in Fig. 1, before 2009, there were no multiple departments formulating or issuing policies without synergy between departments.

Are photovoltaic power generation policies effective?

Existing qualitative research on photovoltaic power generation policies has preferred sorting, summarizing, and performing comparative analyses of policies, focusing on their effectiveness and efficiency. Meanwhile, policy synergies have been ignored when studying the effectiveness of photovoltaic power generation policies.

Should PV application policy focus on concentrated PV power generation?

In the future, policies should focus on the distributed PV power generation, rather than on concentrated PV power. The experience of developing PV application policy in China has a few implications for the future policy. First of all, it is better to balance supply-type, demand-type and environment-type policies.

How government supports PV power generation projects?

In the initial project construction stage, financial support is the most commonly used policy instrument. In the operation phase, electricity sales policies are the main policies. Government supports different forms of PV power generation projects at different stages according to its policy orientation.

Are China's policies on photovoltaic power generation consistent?

The results show that changes in the degree of synergy between policy goals and measures tend to be consistent and that China's policies on photovoltaic power generation have gradually shifted to the combined use of different policy measures.

**Abstract:** The grid connection and operation of photovoltaic power generation in China follows the national standard GB/T 19964 Technical requirements for connecting photovoltaic power ...

Support the R&D and industrialization of key production equipment used for polysilicon, silicon ingots/silicon wafers, cells and modules, thin-film cells, and power generation applications in ...

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The estimation of PV power potential is obtained from the effective PV area, solar radiation, and conversion efficiency of PV panels [27]:  $E = I \cdot e \cdot A_{PV} \cdot l$  where E ...

Expand the domestic market, improve the technical level, speed up industrial restructuring and upgrading, as the promotion of sustainable and healthy development of the PV industry and ...

The Notice No. 19 of 2019 on Actively Promoting the Non-Subsidized Generation of Wind and PV Power provides for particular requirements and support policies to promote the high quality ...

In recent years, a series of distributed photovoltaic support policies are approved in China to promote the development of the distributed photovoltaic power generation. It is difficult to ...

To promote the high quality development of renewable energy, and to improve the market competitiveness of wind power and photovoltaic power generation, notice is hereby given of ...

In September 2013, China promulgated the Notice on Value-Added Tax (VAT) Policy of Photovoltaic Power Generation, clearly defining the preferential policy of 50% levy or ...

The distributed photovoltaic power generation is an important way to make use of solar energy in cities. China issues a series of policies to support the development of distributed photovoltaics ...

Government supports different forms of PV power generation projects at different stages according to its policy orientation. In the future, policies should focus on the distributed ...

Recently, artificial intelligence (AI) has become increasingly popular due to its potential to optimize the power, efficiency, and reliability of photovoltaic (PV) systems. This paper, thus, analyzes ...

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