

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.

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.

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.

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.

Does policy issuing departments affect China's photovoltaic industry?

Evaluation of the effect of policy issuing departments on the China's photovoltaic industry. As shown in Table 3, four major types of PV industry policy measures and the development of the PV industry have positive correlation, but the effect of each is different.

What is the policy strength of the photovoltaic industry?

The policy strength of the photovoltaic industry includes national-level policy strength and regional policy strength. The regional policy strength will be given the weight on the proportion of the regional PV installed capacity in the China's PV installed capacity. The regression results are shown in Table 3, Table 4, Table 5 and Table 6. Table 3.

10.3 percent, respectively, in 2016. Although the national average rate of wind and solar curtailment decreased to 7 and 3 percent, respectively, in 2018, it was still a serious problem in ...

The Solar office supports development of low-cost, high-efficiency photovoltaic (PV) technologies to make solar power more accessible. ... which are tracked by the National Renewable Energy Laboratory, were

supported by the DOE, ...

This study designed an evaluation framework for China's PV industry policy from four dimensions (policy measure, policy type, policy strength, and policy issuing department) to categorize and ...

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 ...

Considering only centralised generation, solar photovoltaics should reach an installed capacity of 27-90 GW generating 8-26 GW on average by 2050; those figures assume a total solar installed capacity of 5-16% generating 4-12% of ...

In order to solve the above problems, this paper focuses on the development background and characteristics of the solar photovoltaic power generation industry, systematically expounds on the ...

Considering only centralised generation, solar photovoltaics should reach an installed capacity of 27-90 GW generating 8-26 GW on average by 2050; those figures assume a total solar ...

The National RE Policy and Action Plan (NREPAP) is the basis towards a more aggressive renewable energy deployment in the country. It aims to increase RE contribution in the national power generation mix, enable the ...

Then it issued a series of policy measures to solve the problem. In 2011, the NDRC issued a "Notice on improving the feed-in tariff policy of solar photovoltaic power generation". The ...

India has launched the national solar energy plan, including renewable energy purchase ... and the land occupied by solar power generation projects and transmission and ...



National Solar Photovoltaic Power Generation Policy

Web: <https://www.nowoczesna-promocja.edu.pl>

