

Can policy support improve the development of China's photovoltaic industry?

In this context, discussing the role of policy support in the development of China's photovoltaic industry and the policy preference strategies, improving the policy coordination efficiency of China's photovoltaic industry so as to promote the high-quality development of the industry, has become an important issue that needs to be resolved.

How tax support plays a vital role in photovoltaic industry?

As can be seen from the above figure, the indicators at the government level are sorted into tax policy, subsidy policy, regulation and supervision policy, standard policy and development demonstration policy, which tells us that tax support plays a vital role in the development of photovoltaic industry.

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.

How do PV policies affect the PV industry in China?

Furthermore, the historical evolution and realistic effect of the policies on the PV industry in China were examined. The results show that, currently, grid support, operation specification, and operation supervision are the main policy measures, while a low-level notice is the main type of policy. The policy issued strength is generally low.

How strong are PV industry policies?

The PV industry policy measures not only affect the industry in the promulgation year, but also have an accumulative effect until they are repealed. Therefore, as described in Section 3.1.3, the strength of the PV industry policies was based on the issued strength and the enforcement strength.

How did PV affect the social acceptance of photovoltaic technology?

While the image of PV was positive, it soon became polluted by the perception of extravagant profits, dramatic impact on electricity prices or quality issues. All subjects were used massively by PV opponents to reduce dramatically the social acceptance of PV. This IEA PVPS TRENDS IN PHOTOVOLTAIC APPLICATIONS 2022 56

The IEA PVPS Trends Report for 2023 discloses a historic milestone in the photovoltaic (PV) industry, surpassing 1 TW of cumulative capacity. The PV industry registered significant global...

Analysis of photovoltaic support policy trends

For the 27th consecutive year, the IEA-PVPS Trends report is now available. This document provides the most comprehensive global overview of the development of the Photovoltaics sector, covering policies, drivers, technologies, statistics ...

Since forever, electricity has become a fundamental source for energy that will affect the social and economic development regardless in any country; developed or developing country.

The large scale of China's photovoltaic (PV) industry and the great policy support by the Chinese government make it necessary to scientifically evaluate PV industry policy. This study ...

To determine the contribution of PV industry policy on PV installed capacity, we made a regression analysis to the four dimensions (policy measures, policy types, policy strength, and ...

The large scale of China's photovoltaic (PV) industry and the great policy support by the Chinese government make it necessary to scientifically evaluate PV industry policy. This study designed an evaluation framework for China's PV ...

The enforcement strength of regional policy presents descending trend from the northern to the ... photovoltaic industry; policy evolution; policy effect 1. Introduction Solar energy is a renewable ...

Analysis of photovoltaic support policy trends

