Preferential policies for solar photovoltaic power generation

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.

What are the main policies for PV power generation?
In the operation phase,electricity sales policiesare 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.

Should distributed solar PV be supported by a policy system?
Some studies such as Zhang (2016) [9], Garlet et al. (2019) [10] and Li et al. (2020) [11] present policy suggestions for supporting the development of distributed solar PV based on a qualitative analysis of the shortcomings of the existing policy system.

How do demand-type policies affect PV power generation applications?
Demand-type policies for the PV power application,including electric-power sales policies,subsidy for green electricity,tax incentives,and green certificate trade. These directly influence the share of renewable energy in the market(Zafar et al.,2019). Fig. 3 shows the effects of three policy instrument on PV power generation applications.

Does photovoltaic power generation policy solve the problem of additional cost?
This policy solves the problem of additional costof photovoltaic power generation project but exists issues such as single source of compensation funds and long capital compensation cycle length.

What policies are being introduced in the solar energy industry?
A set of supportive policies have been introduced including the Feed-in Tariff Scheme,Photovoltaic Poverty Alleviation Project,and other demonstration projects. Later regulation,de-subsidization,and solar power consumption became the hot spot.

At present, solar power generation technology can be di-vided into solar photovoltaic power (PV) and concentrated solar power (CSP) (Chen and Fan 2012). Solar PV power ... In the "Policy ...

Distributed photovoltaic (PV) generation is a promising pathway for reducing carbon emission and meeting energy demands in electricity sector. Subsidies are essential to ...

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-solar-photovoltaic (PV) generation is a key component of a new energy system aimed at carbon peaking and carbon neutrality. This paper establishes a policy-analysis framework for distributed ...

Consequently, increasing preferential policies are being formulated to accelerate the development of renewable power (Zhu and Jin). Energy security affected by the bottleneck ...