

Do PV subsidy policies affect the PV industry?

A review of the existing literature reveals there are already some studies focusing on PV subsidy policies. However, most of these studies focus on the impact of introducing subsidy policies on the PV industry instead of subsidy withdrawal policies.

Are subsidies causing overcapacity problems in photovoltaic supply chains?

In the past decade, subsidy policies aimed at demand-side of photovoltaic (PV) supply chains have created a dilemma. While they foster the growth of the PV industry, they also induce overcapacity problems to the society. As a result, many governments have cut back subsidies to PV system users.

Does supply-side oriented subsidy policy support PV industry?

To rescue enterprises, but not the market, a different subsidy program is required to support PV industry. The supply-side oriented subsidy policy provides the answer through directly and moderately subsidizing PV enterprises and their supply chains.

Is a balanced subsidy policy a good strategy for PV supply chains?

Under this balanced subsidy policy, adopting a medium combination of operational strategies is the best strategy option for PV supply chains. Currently, traditional demand-side oriented subsidy policies have resulted in inefficient operations and welfare loss in the photovoltaic (PV) industry.

How does the US government subsidize the PV industry?

The US government uses an investment tax credit (ITC) program to subsidize the PV industry with a 26% tax reduction for investing in equipment costs in 2020 (Pickerel 2015). Given the encouragement of government subsidy policies, the PV industry has experienced strong growth in recent decades.

Why do governments cut back subsidies to PV system users?

While they foster the growth of the PV industry, they also induce overcapacity problems to the society. As a result, many governments have cut back subsidies to PV system users. These subsidy reductions hurt PV enterprises and their supply chains that are now facing lost business.

This paper is a new attempt of quantitative assessment of PV subsidy policies and also an in-depth paper on China's PV industry development. ... established the policy ...

Despite the high cost of solar panels, PV systems, especially grid-connected ones, have been marketed in many countries because of their potential medium and longterm economic ...

China's solar PV policy has experienced major changes in the last decade, as shown in Fig. 1. The Golden Sun



Photovoltaic panel subsidy policy adjustment

Project was the first solar PV subsidy program, which aimed ...

How to adjust the subsidy policy to promote enterprises to increase investment in technological innovation, improve operating efficiency, and ultimately achieve the stable and healthy development of the PV industry?
...

China has implemented a large-scale subsidy policy to promote photovoltaics (PV), making it the hugest PV market. However, its subsidy policies spawned problems in the distributed ...

The Dynamic Adjustment of the Feed-in Tariff Policy for Photovoltaic Power Generation in China | With the technological progress of photovoltaic (PV) enterprises, the subsidy standard of PV power ...

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PPG costs remain high and it is difficult to sustain PPG competitiveness. Therefore, it is imperative to gradually withdraw from the implementation of photovoltaic subsidies. Using a game theory approach, this ...

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More recently, policies have evolved to prioritize regulatory refinement, subsidy reduction, and optimizing solar power consumption. These empirical insights underscore the ...

To compare and analyze the influence of different photovoltaic subsidy policies on the penetration of renewable energy, in this paper, the correlation and interaction mechanism of centralized ...



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