Targeted Poverty AlleviationSolar Power Generation Poverty Alleviation

What is targeted poverty alleviation using photovoltaic power?

Targeted poverty alleviation using photovoltaic power refers to the laying solar cell panels on house roofs and agricultural greenhousesand marked by "spontaneity,self-use and grid-connection of surplus"; in other words,farmers can use the electric energy on their own,and sell surplus electric quantity to the state grid.

Do solar photovoltaic projects improve poverty alleviation?

There lacks a comprehensive analysis on the large-scale deployment of solar photovoltaic projects and its impact on poverty alleviation. Here the authors show that solar photovoltaic poverty alleviation pilot policy increases per-capita disposable income in a county by approximately 7%-8%.

Does PV improve poverty alleviation?

The PV poverty alleviation effect is stronger in poorer regions,particularly in Eastern China. Our results are robust to alternative specifications and variable definitions. We propose several policy recommendations to sustain progress in China's efforts to deploy PV for poverty alleviation.

What is the Y dimension of PV-based targeted poverty alleviation?

The Y dimension is an analysis of governmental policiesof PV-based targeted poverty alleviation from a longitudinal perspective. Table 3 indicates the distribution of the governmental policies of PV-based targeted poverty alleviation focusing on the procedures of poverty relief.

What is PV-based targeted poverty alleviation?

The work of PV-based targeted poverty alleviation involves the cooperation and coordinationof such functional departments as the Development and Reform Commission,the Department of Finance,the Economic and Information Commission and the Department of Land &Resources.

What is poverty alleviation?

Poverty alleviation is a systematic project that cannot be solved by government investment alone. The society's overall political and economic background affects its effective and sustainable implementation.

As a development strategy related to the environment and economy, photovoltaic poverty alleviation (PVPA) program was chosen by China [4].The program will help give full ...

Targeted poverty alleviation, a strategy of tailoring relief policies to different local conditions, has played a key role in the country"s poverty reduction cause. ... and photovoltaic ...

By the end of 2019, the task of PV poverty alleviation construction was fully completed. 15 The cumulative scale of the PV poverty alleviation power stations that were built was 26.36 million ...

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Fig. 1 shows the installed capacity of solar PV power generation and the poverty alleviation rate in China from 2010 to 2018 [10]. As shown in Fig. 1, the installed capacity of ...

PV-based targeted poverty alleviation includes six procedures: the identification of low-income families, the construction of PV projects, the operation and maintenance of PV ...

In 2014, China launched an ambitious poverty alleviation program (Solar-energy Poverty Alleviation Program, SEPAP) by implementing solar photovoltaic systems in remote rural areas. It aimed to increase energy ...

To achieve comprehensive poverty alleviation and the establishment of a "moderately prosperous society" in China, it is crucial to evaluate the targeted poverty alleviation (TPA) policies. In this study, China"s ...

To synergize climate mitigation with poverty alleviation, China has implemented photovoltaic poverty alleviation (PVPA) projects since 2014, with Anhui Province being among ...

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Targeted poverty alleviation in China refers to promoting the economic, social, ... Fig. 1 shows the installed capacity of solar PV power generation and the poverty alleviation ...

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