

Does photovoltaic poverty alleviation policy reduce household energy poverty?

The impact of photovoltaic poverty alleviation policy (PPAP) on household energy poverty is empirically investigated. The panel data of a tracking survey from 2010 to 2018 is used, and the high-dimensional fixed effect model is employed. PPAP contributed positively to alleviating household energy poverty.

What is photovoltaic poverty alleviation in China?

As a part of an environmentally concerned development strategy, the photovoltaic poverty alleviation in China is adopted to lift households above the extreme poverty line by 2020.

Can photovoltaic power stations reduce poverty?

First, as one of the most efficient poverty alleviation strategies, village power stations occupy a small amount of space and involve little investment compared with other modes, which is possible to be promoted for the construction in the photovoltaic poverty alleviation projects.

Will village-level poverty alleviation power stations contribute to China's photovoltaic poverty relief programme?

In the next few years, the development of village-level poverty alleviation power stations will constitute the main direction for China's photovoltaic poverty alleviation programme. The village power stations overcome several bottlenecks that have long troubled photovoltaic projects and greatly reduce project development difficulties.

Who proposed photovoltaic poverty alleviation projects in China?

The photovoltaic poverty alleviation projects and corresponding procedures were proposed in China in 2015 by the National Energy Administration and the State Council Leading Group Office of Poverty Alleviation and Development.

Can photovoltaic energy help alleviate poverty in China?

Since the photovoltaic industry has developed dramatically in recent years, China's photovoltaic poverty alleviation has the potential to take one step further in the areas of energy storage and emerging technologies to make full use of the solar energy produced (Song et al., 2015).

Our analysis revealed the co-benefits of emission-reduction and poverty alleviation, with PVPA policy boosting villagers' per capita net income by 2-3% in villages with PV plants. A nonlinear, inverted U-shaped ...

Photovoltaic poverty alleviation (PVPA), an innovative and unique policy in China aiming at green development and poverty alleviation, has attracted increasing attention from ...

4.1. Poverty Alleviation of Photovoltaic Industry At present, the photovoltaic poverty alleviation power station mode in Qiaocheng district is mainly village level photovoltaic poverty alleviation ...

We carried out photovoltaic poverty alleviation surveys in the three countries as case study. Villagers and village cadres related with the solar PV application are our key ...

Photovoltaic Poverty Alleviation (PVPA) projects, which utilize the subsidies and income from PV power to alleviate poverty in rural areas, are part of a comprehensive energy ...

At the end of 2018, the scale of China's solar PV power station for poverty alleviation has reached 15,440 MW. According to the unit cost of 8000 RMB/kW, China has invested more than 120 ...

Policy evaluation and optimization for photovoltaic poverty alleviation projects in Anhui Province of China. To synergize climate mitigation with poverty alleviation, China has ...

Photovoltaic-based targeted poverty alleviation (PVPA) has been established for 10 years with the mission of one of "the ten large-scale poverty relief programs" in China. This paper would ...

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