

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 are China's photovoltaic poverty alleviation projects?

China's photovoltaic poverty alleviation projects (PPAPs) aim to help alleviate poverty by using the new energy power generation. In recent years, the PPAPs have flourished with the strong support of the Chinese government, becoming an integral strategy for the support of rural industries.

What is photovoltaic poverty alleviation (PVPA)?

Recognizing the synergies within the energy-poverty-climate nexus, China has implemented photovoltaic poverty alleviation projects (PVPA) to combine renewable energy development with poverty reduction.

Can solar PV reduce poverty?

Solar PV and poverty alleviation Solar energy is considered to be one of the most sustainable and renewable sources of energy. Some scholars have made preliminary explorations on the application of solar PV for poverty reduction in the rest of the world.

Can solar photovoltaic projects help alleviate poverty in rural areas?

Nature Communications 11, Article number: 1969 (2020) Cite this article Since 2013, China has implemented a large-scale initiative to systematically deploy solar photovoltaic (PV) projects to alleviate poverty in rural areas.

What is the work scheme on photovoltaic poverty alleviation project?

In 2014, the National Energy Administration and the State Council Poverty Relief Development Leading Group Office jointly issued The Work Scheme on Carrying out Photovoltaic Poverty Alleviation Project, dedicated to launching a nationwide PV poverty alleviation pilot project.

The findings include that: (1) the poverty depth has a decreasing trend and the MPI drops sharply in the study areas; (2) most of the dimensions included in the government's evaluation criteria ...

Solar PV poverty alleviation projects (PPAP) mainly help poor households out of poverty through the profit generated by solar PV power generation plants installed on the wasteland or roofs in the poor areas. ... Solar energy for poverty alleviation in China: state ambitions, bureaucratic interests, and local realities. Energy Research & Social ...

As a measure of industrial poverty alleviation in the TPA policy, the PV-PA policy benefits rural poverty by systematically deploying solar energy in poor rural areas [3, 14], not only increasing ...

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Energy poverty is a serious problem worldwide and has attracted the attention of policymakers. As a type of social welfare project, photovoltaic poverty alleviation projects (PPAPs) are expected to achieve high-quality poverty alleviation and an energy transformation in China.

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for photovoltaic poverty alleviation projects in Anhui Province of China ... source of clean and renewable energy, solar energy helps mitigate the adverse effects of climate change. It avoids

The environmental benefits of solar energy have been widely recognized by researchers (Tsoutsos et al., 2005; Sweerts et al., ... According to the 2017 Photovoltaic Poverty Alleviation Work Promotion Plan, County X is a national designated poor county on the list of Henan Province's pilot projects. County X initiated PVPA projects in 2017 that ...

Evidence from China's solar photovoltaic poverty alleviation initiative | Energy justice is an important concept drawing attention to fairness and equity in the transition to clean energy.

This paper challenges this view by arguing that there are possibilities for clean energy transition in authoritarian regimes to be just. Drawing on empirical evidence from China's photovoltaics poverty alleviation initiative (PVPA), this paper examines how just outcome and just procedure can be achieved in authoritarian contexts.

In 2014, China set ambitious goals to simultaneously develop solar energy and alleviate rural poverty by increasing solar PV in economically deprived rural areas through solar PV Poverty ...

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