



# Targeted poverty alleviation installation of solar power generation

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Researchers from the University of Zurich and Wuhan University have assessed how solar energy resources affect social and economic development to reduce poverty in China, using empirical data...

Starting in 2014, China's rural poverty alleviation and development have shifted to a model of comprehensive, targeted poverty alleviation that is implemented throughout the entire process of ...

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.

Solar photovoltaic (PV) power project, one of the major targeted poverty alleviation programs in China, has contributed greatly to the country's poverty reduction efforts, ...

It carried out an independent solar photovoltaic power supply project, providing electricity to 1.19 million people. By the end of 2015, China had achieved electricity coverage for its entire population. Poverty alleviation through solar photovoltaic power generation is one of the top 10 targeted poverty alleviation projects in the country.

To motivate enterprises to actively participate in the alleviation of poverty, three strategies are available: (1) the granting of quotas to photovoltaic enterprises for commercial ...

Photovoltaic-based targeted poverty alleviation has been designated as one of "the ten large-scale poverty relief programs" in China. In spite of remarkable achievements, a number of issues still need to be addressed. By employing content analysis, this article codes policy texts and then analyzes the Chinese policies of targeted poverty alleviation using ...

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...

Targeted poverty alleviation using photovoltaic power refers to the laying solar cell panels on house roofs and agricultural greenhouses and marked by ...

Based on a theoretical analysis of renewable energy and poverty alleviation and using the DID and SCM models, this paper aims to evaluate the effects of PVPA projects ...



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"No poverty" is the first of 17 sustainable development goals set out by the United Nations. There are a number of poverty alleviation measures in China, one of which, the use of photovoltaic power has sparked the attention of both central and local governments due to its advantages: stability of power generation income, availability of renewable energy ...

Solar Photovoltaic-based Targeted Poverty Alleviation (PV-PA) projects aim to broaden the income channels and improve the electricity supply of the rural poor. By selling the ...

China's government launched the Targeted Poverty Alleviation (TPA) program in 2015 as a part of a multipronged framework to lift every Chinese above the national poverty line by 2020.

This paper explores the effects of different types of policy measures on poverty-stricken households" (PSHs") livelihood strategy transitions in China's targeted poverty alleviation (TPA) system. Considering the connection between TPA policy measures and PSHs" livelihood improvement, this paper identifies three types of policy measures, namely, safeguard ...

On the application of distributed solar photovoltaic power generation in expressway service areas [J]. Highway Transportation Technology (Application Technology Edition), 2015, 11 (01): 211-213.

Since 2009, China has been promoting the application of solar energy in the field of construction, implementing the "Golden Sun Project" to provide financial subsidies for rooftop PV power generation projects. Since 2014, solar architecture has been vigorously promoted as one of the important ways of targeted poverty alleviation. The BIPV ...

This paper discusses one of China's targeted poverty alleviation programs, namely the Solar Energy for Poverty Alleviation Program (SEPAP). SEPAP is an important and innovative policy that enables ...

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Evaluation of energy and environmental performances of Solar Photovoltaic-based Targeted Poverty Alleviation Plants in China. Chaofan Wang, Xin Cheng \*, Chuanmin Shuai, Fubin Huang, Pan Zhang, Min Zhou, Ruizhi Li \* Corresponding author for this work. Faculty of Science and Engineering; Research output: Contribution to journal > Article > peer-review. 48 Citations ...

Solar photovoltaic (PV) power project, one of the major targeted poverty alleviation programs in China, has contributed greatly to the country's poverty reduction efforts, according to a white ...

Photovoltaic Poverty Alleviation (PVPA) projects, which utilize the subsidies and income from PV power to



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alleviate poverty in rural areas, are part of a comprehensive energy policy innovation in China. It is expected that the projects will deploy at least 10 GW PV and benefit more than two million poor households in total by 2020. To achieve this goal, ...

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. The PPAPs were first trialed in 2013, in Jinzhai County, Anhui Province, ...

A variety of efficiency assessments have used the DEA method, including those for wind power generation [14], rice husk power generation [15] and solar power generation [16]. DEA is also the ...

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 capacity by more than 10 GW and generate annual income of ~3,000 yuan for each poor household ( National Development Reform ...

China's photovoltaic poverty alleviation power stations (PPAPS) properly combine poverty alleviation and renewable power generation while also meeting rural energy demands. The fundamental problem ...

DOI: 10.1016/J.RSER.2018.06.012 Corpus ID: 116124217; A review of photovoltaic poverty alleviation projects in China: Current status, challenge and policy recommendations @article{Li2018ARO, title={A review of photovoltaic poverty alleviation projects in China: Current status, challenge and policy recommendations}, author={Yan Li and Qi Zhang and Ge ...

In response to the last-mile problem in building a "moderately prosperous society," the Chinese central government urged all sectors at all levels to contribute to Targeted Poverty Alleviation (TPA), a program that is dedicated to lifting all people out of poverty by 2020 (Liu, Guo, & Zhou, 2018). Specifically, the Office of Poverty Alleviation and Development (OPAD) ...

In this paper we study the Solar Energy for Poverty Alleviation Program (SEPAP) in China, which aims to increase the 3,000 Yuan annually for poor people by installing solar panels. SEPAP was initially ...

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