

Is photovoltaic power generation a good investment in China?

China is rich in solar energy resources. Photovoltaic power generation is seen as the most potent resource to realize low-carbon energy transformation and achieve carbon emission reduction targets. However, the rapid development of China's photovoltaic power generation industry is accompanied by a serious phenomenon of abandonment.

How to solve China's photovoltaic overcapacity?

Sun et al. analyzed the current situation of China's photovoltaic power generation industry and summarized the problems existing in the development process. Based on this, they believed that actively exploring the domestic photovoltaic market was the best solution to solve the photovoltaic overcapacity.

What are the related researches on photovoltaic power generation in China?

The related researches mainly focus on: First, the status quo and prospect of photovoltaic power generation industry in China; Second, the government supports policies to influence the photovoltaic industry; Last, research on the technological innovation level of the photovoltaic power generation industry. 2.2.1.

How does FIT affect China's photovoltaic power generation industry?

For example, Ye et al. analyzed the impact of FIT on China's photovoltaic power generation industry from the perspective of investment policy effect and believed that FIT effectively stimulated the growth of China's installed capacity of photovoltaic power generation industry.

Do incentive policies affect China's photovoltaic power generation industry?

Guo and Guo [20] simulated the long-term impact of incentive policies on China's photovoltaic power generation industry, and the research showed that the distributed photovoltaic power generation industry mainly benefits from government subsidies rather than the feed-in tariff.

Does R&D investment affect China's photovoltaic power generation industry?

According to endogenous economic growth theory, R&D investment is the driving force of technological progress. Therefore, the impact of R&D investment on China's photovoltaic power generation industry is a problem worth studying.

Due to the implementation of the "double carbon" strategy, renewable energy has received widespread attention and rapid development. As an important part of renewable energy, solar ...

Semantic Scholar extracted view of "Study of China's optimal solar photovoltaic power development path to 2050" by Mei Xu et al. ... Rong-Gang Cong. ... Save. Should China focus ...

The LCOE Evolution and Grid Parity Analysis of Centralized Solar Photovoltaic: A Case Study of Ningxia, China. Achieving grid parity in 2021 is the goal of China's photovoltaic ...

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Evidence from 335 cities" by Mingming Zhang et al. Semantic Scholar extracted view of "Is it time to launch grid parity in the Chinese solar photovoltaic industry? Evidence ...

A global inventory of utility-scale solar photovoltaic generating units, produced by combining remote sensing imagery with machine learning, has identified 68,661 facilities -- ...

Semantic Scholar extracted view of "Development of photovoltaic power generation in China: A transition perspective" by Dawei Liu et al. ... Analysis on the development and policy of solar ...

DOI: 10.1016/J.RSER.2011.07.057 Corpus ID: 109163353; A critical analysis of the photovoltaic power industry in China - From diamond model to gear model @article{Zhao2011ACA, ...



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