

Interpretation of China's solar photovoltaic power generation development policy

Are China's policies on photovoltaic power generation consistent?

The results show that changes in the degree of synergy between policy goals and measures tend to be consistent and that China's policies on photovoltaic power generation have gradually shifted to the combined use of different policy measures.

Does China's solar policy influence the development of the solar industry?

However, based on the limited studies on China's solar PV policies, the literature only lists China's existing PV solar policies, which cannot explain the dynamic trajectory of Chinese solar policy and its relation to the development of the industry.

What is China's PV solar policy?

China is a quick policy learner that can follow the international policy experience and import them to China. However, Chinese PV solar policy is lack of strategic policy research. For example, the policies that had been launched were mostly made without the guidance of national energy portfolio strategy.

What is China's PV policy in 2008 & 2009?

The years of 2008 and 2009 is the key period for Chinese PV policy. Because of the financial crisis in 2008 and the quickly increasing solar manufacturing in China, the government concerned about the "both ends outside" situation of PV solar industry, and launched the concession bidding project with the price of 0.69 RMB/w.

When did China start focusing on solar PV?

Until August 2000, the country cautiously paid a little attention to Solar PV, and formulated the 2000-2015 Key Points of Development Planning of New Energy and Renewable Energy Industry, proposing the construction of solar cell and application system production lines to increase the annual production to more than two megawatts.

How did the financial crisis affect China's photovoltaic industry?

The 2007-2008 financial crisis hampered the exports of China's photovoltaic industry. To boost the development of this industry, a series of policy measures were introduced in 2009 to promote the application of photovoltaic power generation in the Chinese market, with many photovoltaic power generation projects being approved.

The article first introduces the distribution of China's solar resources, sorts out the development process of China's PV, focuses on the development of the Top-runner ...

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The paper makes an analysis on China's solar PV incentive policies, particularly the national FIT scheme. Policy recommendations are made with regard to the promotion of the domestic...

In order to solve the above problems, this paper focuses on the development background and characteristics of the solar photovoltaic power generation industry, systematically expounds on the evolution process of China's photovoltaic energy generation industry policies at the national and local levels, and finds that the characteristics of the po...

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As an important form of clean energy generation that provides continuous and stable power generation and is grid-friendly, concentrated solar power (CSP) has been developing rapidly in recent years.

Solar energy plays a crucial role in mitigating climate change and transitioning toward green energy. In China (particularly Northwest China), photovoltaic (PV) development is recognized as a... In this paper, we present findings from a systematic review on job creation, quality, and skills, focusing on decarbonisation in the energy sector.

Over recent decades, China has risen to a preeminent global position in both solar photovoltaic (PV) adoption and production, a feat underpinned by a suite of pivotal policy measures. With a burgeoning demand for PV systems on the horizon, there is an urgent need to reassess past policies and chart new directions.

The law proposes five important measures: first, a total renewable energy amount target system; second, renewable energy grid-connected power generation and a full ...

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We quantitatively examine photovoltaic power generation policy synergies in China. This study expands the existing quantitative research on policy content analysis. China ...

Thus, exploitation of distributed photovoltaic power generation is an important solar energy development mode that has entered a stage of rapid development and is supported by Chinese policy [9 ...

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The concession program would set a solar power selling price through bidding and provide a large amount of market demand in China. The LSPV has great potential in the high solar resource"s ...

This study identifies policies issued through this period for a closer look on the impact of these policies to the solar photovoltaic (SPV) industry development in China. This ...

The law proposes five important measures: first, a total renewable energy amount target system; second, renewable energy grid-connected power generation and a full-payment purchasing system; third, a renewable energy classified feed-in tariff and cost allocation system; fourth, support for rural renewable energy development; fifth, fiscal tax ...

1 INTRODUCTION. Solar photovoltaic power generation (PPG) is the direct conversion of solar light into electricity. PPG is increasingly attracting worldwide attention as a viable global response to climate change [] tween 2002 and 2012, the annual growth rate of the global PPG industry worldwide was approximately 50%.

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