

<div class="df\_qntext">Does China have a plan for solar energy development?

Within this plan, the China's National Energy Administration issued, in December 2016, a specific Thirteenth Five Year Plan for Solar Energy Development. solar industry. However, the extent and nature of this policy support in China remains a disputed issue, which has reached the international courts.<sup>31</sup> Ball et al. (2017)'s qualitative

<div class="df\_qntext">Why does China need a stable policy framework for solar PV market development?

The central government has placed significant emphasis on renewable energy, particularly solar PV technology. China's rapidly growing PV industry greatly benefited from the domestic supportive policies. Hence, maintaining stable policy framework and expectations is pivotal for market development .

<div class="df\_qntext">How do demand policies affect the solar industry in China?

We interpret this as other city-regions in China being able to supply any city with solar panels in response to a policy-driven demand increase. Hence, demand policies have a muted effect on the local industry. (exports, revenues and firm numbers), because they are only given to firms located in the city. of R&D and also learning-by-doing.

<div class="df\_qntext">What are the features of solar policy support in China?

This borrows from Ball et al. (2017)'s rich account (2019). We outline several features of solar policy support in China. The 5-Year Plans provided national guideline and sectoral industrial policy focus. However, the funding and implementation heterogeneity in policy support towards the solar industry across cities. Measuring industrial

<div class="df\_qntext">Does China support the solar industry?

solar industry. However, the extent and nature of this policy support in China remains a disputed issue, which has reached the international courts.<sup>31</sup> Ball et al. (2017)'s qualitative characteristics of policy support and a rough estimate of its size.

<div class="df\_qntext">Why is China interested in solar photovoltaic technology?

Initially, China prioritized wind power for renewable energy development due to its well-established technology. However, the Key Points of New Energy and Renewable Energy Industry Development Planning 2000-2015, published in 2000, marked the beginning of China's interest in solar photovoltaic technology .

The National Development and Reform Commission (NDRC) and the National Energy Administration jointly issued a new policy in March 2025 requiring that all newly approved centralized PV power ...

In the past two decades of renewable energy development, wind power dominated before 2012, while annual

solar PV installation quickly caught up afterwards. This article explains the ...

In recent years, the issue of sustainable development has become increasingly important in the port industry. As port policies are altered under decentralization and governance ...

Advancements in Policy and Technology: Supportive policies, including green certificates and mandatory solar installations, combined with innovations like n-type silicon wafers and bifacial ...

By analyzing the situation of the world and China's solar industry, the paper indicates there is of great potential in China's solar industry. However, there are capital, technology, market ...

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On February 9, 2025, China's National Development and Reform Commission (NDRC) and the National Energy Administration (NEA) jointly issued the Notice on Deepening the Market ...

In the context of China's renewable energy, Jin et al. (2013) analyzed the international competitiveness of renewable energy (e.g., solar energy) in China from 1996 to 2011, and found that ...

The Chinese Government has issued numerous regulations that significantly affect the number of photovoltaic (PV) installations in the country and the subsidies for their use. This article ...

These papers focus on national policies, Bai et al. (2020) like us focus on local policies, they emphasise the "special deals" that local bureaucrats make with their local leading firms.<sup>4</sup>

Meanwhile, the international market has responded to China's rapid development, in light of the Chinese government's industrial policies, and "anti-dumping and anti-bribery investigation", focusing on ...

Zhao et al. (2013) studied the current situation of solar energy resources and the development of photovoltaic power generation industry in China, indicating that technology research ...

However, based on the limited studies on China's solar PV policies, the literature only lists China's existing PV solar policies [7], [8], which cannot explain the dynamic trajectory of Chinese ...

By employing a mixed-method approach, including current status of the solar industry, case studies, and policy analysis, this paper examines the impact of policy frameworks, both historical and ...

Planned solar capacity projects will likely lead to continued growth in China's solar capacity. More than 720



# China's solar container policy development

GW of solar capacity are in development: about 250 GW under construction, ...

Three Periods of Industrial Policies for China's Solar Industries Despite frequent claims that China's rise in global solar photovoltaic (PV) industries was the realization of strategic central government ...

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