

Government Procurement of Photovoltaic Containers for Two-Way Charging in Field Research

What is a PV supply chain in China?

The background of the case is introduced as follows. Under China's industrial distributed PV policy, there is such a PV supply chain system in Jiangsu, Zhejiang and Shanghai in China, in which a large PSM is responsible for the production of PV system products, and a large PSSP is responsible for the sales and service of PV system products.

Is China's distributed photovoltaic policy applicable to industrial users?

The applicability of this paper is limited to China's distributed photovoltaic policy, and the user group is industrial users, so this paper still has the following weak points, and the future research may continue to extend and improve in the following aspects.

What is PV supply chain structure without government subsidies?

PV supply chain structure without government subsidies. PSM and PSSP are rational individuals who seek to maximize their interests. As a public authority, the government aims to maximize social welfare regardless of whether it is involved in the subsidy decision.

How does power structure affect PV supply chain pricing?

The pricing decisions of supply chain member firms will differ depending on the power structure of the market, and the PV supply chain is no exception. This paper focuses on three types of power structures in the Chinese PV supply chain: First, there is a balance of power between PSM and PSSP with equal power.

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Abstract: Against the backdrop of a "dual-carbon" strategy, the use of photovoltaic storage charging stations (PSCSs), as an effective way to aggregate and manage electric ...

BEIJING, July 4 -- China aims to ensure that products manufactured by enterprises of different ownerships within the country can participate equally in government procurement ...

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This study employs data from Chinese government procurement and listed companies from 2015 to 2022 to assess the influence of public investment in charging ...

What We Research What factors most influence the procurement and performance of clean energy systems? What are the unique barriers that public sector agencies face in ...

In recent years, the construction level of electric vehicle (EV) charging infrastructure in China has been improved continuously. EV participating in the power market ...

Solar energy plays a significant role in the federal government's strategy for renewable and efficient energy. Because solar systems ...

The distributed photovoltaic power generation is an important way to make use of solar energy in cities. China issues a series of policies to support ...

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Energy procurement of an electric vehicle charging station (EVCS) needs medium-term decisions, which depend on the short-term energy transactions of the EVCS in real-time ...

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