

## European Solar and Energy Storage Solutions

# State-owned enterprises acquire photovoltaic panels



## Overview

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There does seem to be growing awareness among Chinese state-owned enterprises in expanding their involvement in renewable energy industries; for example, Shenhua, the largest coal company in the world, has been partnering with wind and solar companies, and its 2017 merger with Guodian Corporation has diversified its portfolio.

Government investment into solar panel producers, subsidies, and access to government bank credit helped Chinese solar companies such as Longi, Suntech, Trinasolar, and more develop into leaders of the global solar market.

In China, since state-owned PV enterprises have a greater need to serve government objectives to secure legitimacy, PV enterprises with a higher proportion of state-owned shares are usually less likely to conduct risky innovation activities than private ones.

A major reform on state-owned enterprises in late 1990s permitted private firms to enter non-strategic sectors, including the manufacturing of solar PV. Market entry barriers were kept low in China due to a functioning international market for technology transfer, strong capacity for technology absorption and innovation, and initially poorer . Why is China focusing more on solar photovoltaic (PV)?

The solar photovoltaic (PV) power is abundant, clean, and convenient and also has been considered as one of the most promising renewable energies [5, 6]. Due to the ever-increasing energy and environmental pressures, China is

switching to focus more on fostering the PV industry.

Will China become a center of solar PV production?

The last decade has seen the rise of China as the new center of solar photovoltaic power manufacture, and the next will likely see it become a center of its deployment. The chapter explores the conditions that have enabled China's rapid expansion into solar PV manufacture, and its broad impact on global competition.

What role does private competition play in the solar photovoltaic market?

Private competition currently plays a subordinated role; state-owned or state-controlled enterprises construct, finance and operate 90% of solar photovoltaic capacity . Now, the market is structured to fulfill the policy makers' requirements rather than providing a healthy market environment.

Does government subsidies affect photovoltaic energy production in China?

This research was funded by the National Social Science Foundation of China (20BGL046). Government subsidies (GSs) have triggered a remarkable increase in the production capacity of photovoltaic (PV) electricity in China. However, the lack of core technologies has limited PV enterpris.

Are large-scale photovoltaic projects risk borne by institutional investors?

From the perspective of investment risk as borne by institutional investors , large-scale photovoltaic projects remain the primary form of risk exposure in China . China-specific project-level risk factors for large-scale photovoltaic projects are not sufficiently discussed and systematized in the current body of knowledge.

Should non-listed PV Enterprises disclose financial data and R&D subsidy data?

First, at the current stage, non-listed PV enterprises have no explicit government regulations to disclose enterprises' financial data and R&D subsidy data, resulting in the lack of sample size.

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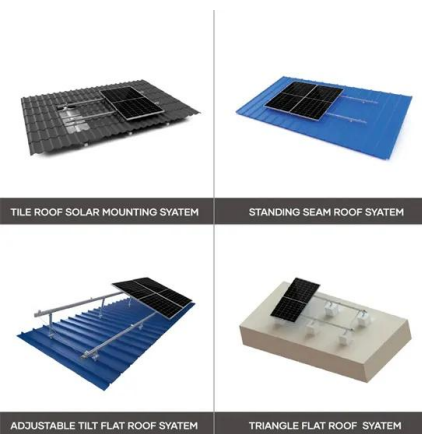


### The U.S. Solar Industry Strategy

Solar panel shipments in the United States grew 33 percent in 2020, 89 percent of which were imported, mostly from Southeast Asian factories owned by Chinese companies. Solar developers plan to install 15.4 GW of ...

### The Chinese Government as Solar Power Entrepreneur ...

Government investment into solar panel producers, subsidies, and access to government bank credit helped Chinese solar companies such as Longi, Suntech, Trinasolar, and more develop into leaders of the global solar ...



### Tongwei's bold move to acquire Runergy: The start of ...

In a sector already fraught with challenges, Chinese solar giant Tongwei's announcement to acquire a controlling stake in Runergy New Energy--another major player in the industry--could signal more than just a ...

### Prospects, Politics, and Practices of Solar Energy Innovation in ...

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