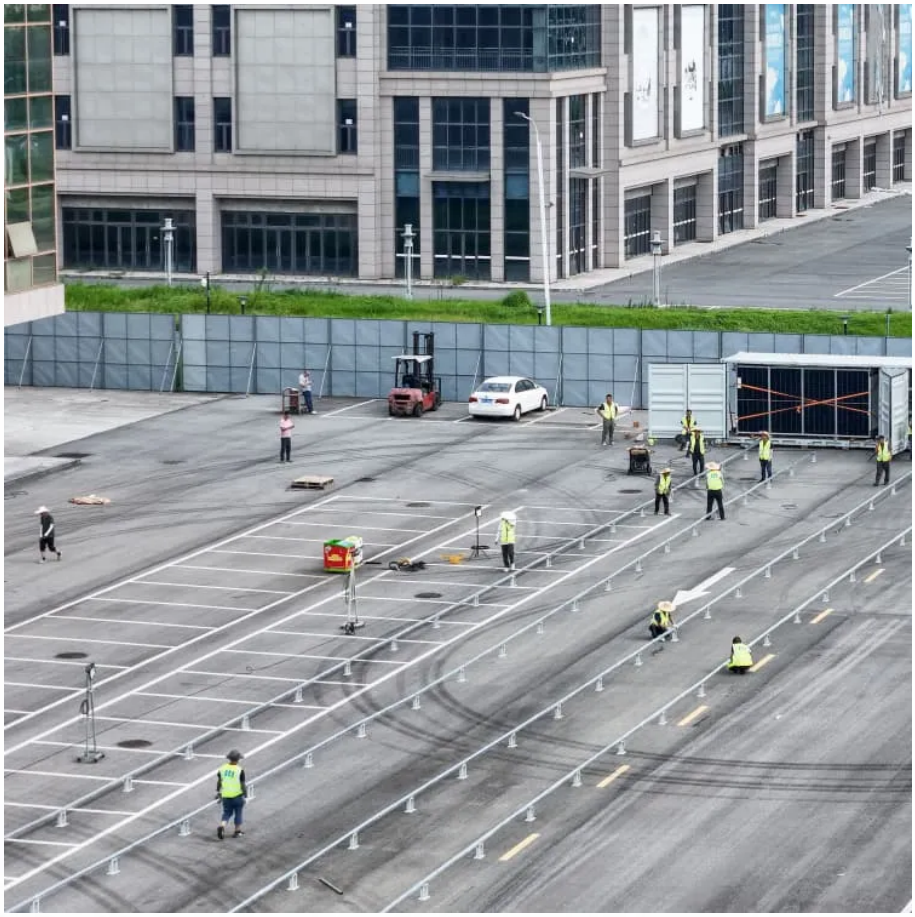
Kongres Container

# Fenjie Chuliang Solar Energy



## Overview

What is Fengjie County doing to boost green energy?

In the realm of clean energy, Fengjie County is harnessing its abundant water, wind, and solar resources to drive the growth of the green energy sector. Notably, the Chongqing Fengjie Jinfeng Wind Farm, located approximately 2,000 meters above sea level, is poised to become Chongqing's largest wind power facility upon completion.

What is Chongqing Fengjie Jinfeng wind farm?

Notably, the Chongqing Fengjie Jinfeng Wind Farm, located approximately 2,000 meters above sea level, is poised to become Chongqing's largest wind power facility upon completion. Beyond wind energy, Fengjie is advancing the integrated development of wind, solar, and hydropower, with several projects underway.

Why is Fengjie a '33618' city?

To overcome these challenges, Fengjie is aligning with the city's "33618" modern manufacturing cluster system, capitalizing on its comparative advantages, focusing on investment attraction, and fostering the integration of clean energy with ecological industries. Wind turbines on Fengjie's mountain ridges drive sustainable energy.

Why is solar energy underestimated in China?

The missing radiation data over the western domain may lead to the underestimation of the total solar energy in China. Second, the application of 11 PV models reveals an uncertainty of 6–7 % in the estimate of PV power potential.

Do solar photovoltaic interventions reduce rural poverty in China?

Zhang, H. et al. Solar photovoltaic interventions have reduced rural poverty in China. N. Comm.11, 1969 (2020). 43.

How does solar radiation affect PV power potential in China?

With the increase of 1 W m−2 in solar radiation, the PV power potential in China shows a uniform enhancement of 1.22–1.41 kWh m −2 (Fig. 8 d). On the national scale, the PV power potential increases by 1.34 kWh m −2 (0.55 %) per unit 1 W m −2 solar radiation with almost linear responses to the changes in radiation (Fig. 8 a and Fig. S16).

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