# Solar Photovoltaic Power Generation Rattan

RattanIndia-Mansa Solar PV Park is a 54MW solar PV power project. It is planned in Punjab, India. According to GlobalData, who tracks and profiles over 170,000 power plants ...

In this work, we have developed a rattan-based solar evaporator and elucidated the multiscale collaborative mechanisms enabling its high-performance evaporation.

In this work, we developed a programmed carbonization strategy that transforms globally abundant biomass, such as rattan, balsa wood, and crop residues, into high-performance evaporators.

In this paper, the suitable reaction conditions of polydopamine were studied with rattan as the substrate, and a reference for the improvement of the loading conditions was proposed.

From solar-powered rattan installations in urban parks to kinetic sculptures in coastal areas, these creations demonstrate how traditional materials can embrace renewable energy solutions.

RattanIndia Solar has solar portfolio of 315 MW on 1,126 acres of solar parks spread across the states of Maharashtra, Karnataka, Rajasthan, and Uttar Pradesh. The company has PPAs ...

Herein, a new type of SIE device based on surface-carbonized rattan (C-rattan) is presented for high-performance and salt-free desalination.

In addition, to explore the application prospects of rattan-based solar evaporators, this section compares the evaporation rates and maximum pore sizes of rattan-based solar evaporators ...

Indian conglomerate RattanIndia Power plans to use a 324 hectare site in Punjab, which was originally pegged for a thermal power plant, to build a 200MW solar PV project.

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