

Title: Rattan Solar Power Generation

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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.

Global water scarcity urgently demands sustainable purification solutions. A high-performance solar evaporator crafted entirely from renewable biomass is reported, e.g., rattan, through an innovative ...

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.

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.

RattanIndia Power Limited is one of India's largest private power generation company, with installed capacity of 2,700 MW thermal power plants at Amravati and Nashik (1,350 MW at each location) in Maharashtra, India ...

Rattan Power, once primarily focused on traditional power generation, now finds itself at a pivotal juncture. The question is no longer if renewable energy will dominate the future, but whether this energy ...

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

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 worldwide, the project is ...



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