

Xueli Zhang, Qihui Liu, Huimeng Ma Bei Li. Analysis on the influence factors of output power of photovoltaic power stations. *Power Grid and Clean Energy*, 2012, 28(5):75-81. ...

As a low-cost green technology, solar steam generation using nanostructured photothermal materials has been drawing increasing attention in various applications, e.g. seawater desalination, and zero liquid discharge of ...

The Georgia Power's Board of Directors has elected Xia Liu as executive vice president, chief financial officer and treasurer, effective October 1. ... fuels environmental and compliance manager for Southern Generation, and ...

A power generation of 723 mW/m² was attained with solar heating during the day and a power density of 37 mW/m² was obtained by radiative cooling at night [42]. Gao et ...

Solar power generation is related to climatic conditions, and its high cost and low power generation efficiency have become the main factors restricting its development. ...

With the high degree of wind power penetration integrated into multi-area AC/DC interconnected power grids, the frequency regulation capacity of automatic generation ...

In the past two decades, clean energy such as hydro, wind, and solar power has achieved significant development under the "green recovery" global goal, and it may ...

Solar power, as one of renewable energy, holds potential application for producing steam which relies on high-temperature liquid by traditional methods. Herein, steam ...

DOI: 10.1016/J.RSER.2019.05.058 Corpus ID: 198483260; An overview of world geothermal power generation and a case study on China--The resource and market perspective ...

Fei Xia; Bo Yuan; Wei Liu; ... The randomness, volatility, and intermittence of solar power generation make it difficult to achieve the desired accuracy of PV output-power prediction. ...

@article{Liu2021SunflowerStalkBasedSE, title={Sunflower-Stalk-Based Solar-Driven Evaporator with a Confined 2D Water Channel and an Enclosed Thermal-Insulating ...

Solar power generation is a sustainable and clean source of energy that has gained significant attention in recent years due to its potential to reduce greenhouse gas ...

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Harvesting energy from the environment offers the promise of clean power for self-sustained systems^{1,2}. Known technologies--such as solar cells, thermoelectric devices ...

Liu, " Quantitative analysis of the feasibility of realizing the transformation to clean energy for China's energy increment by 2035 ... Xia, Y. Wang, and . C. ... The results show ...

An event-based networked set-membership filtering method to detect islanding fault for distributed grid-connected solar photovoltaic generation systems and the reduction of ...

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