Xia Solar Photovoltaic Power Generation Company

as the fastest-growing renewable power source, the generating capa-city of solar photovoltaic (PV) energy has grown globally by 41% per year2. It has put forward higher requirements for ...

Solar photovoltaic power generation has the characteristics of intermittence and randomness, which makes it a challenge to accurately predict solar power generation power, and it is difficult to ...

The contribution of power production by photovoltaic (PV) systems to the electricity supply is constantly increasing. An efficient use of the fluctuating solar power production will highly benefit ...

Photovoltaic (PV) systems are appealing because they pro- duce electricity without polluting the environment by directly con- verting a free and infinite energy source, solar power, into electric

Yurui Xia"s 5 research works with 14 citations and 105 reads, including: Solar-Mixer: An Efficient End-to-End Model for Long-Sequence Photovoltaic Power Generation Time Series Forecasting

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

DOI: 10.1016/j.jenvman.2022.116338 Corpus ID: 252749344; Solar photovoltaic program helps turn deserts green in China: Evidence from satellite monitoring. @article{Xia2022SolarPP, ...

China is implementing ambitious renewable energy plans, with the goal of exceeding 1.2 billion kilowatts of total installed capacity of wind and solar energy by 2030 . However, wind and photovoltaic equipment have ...

Thanks to the relatively low cost of land use for solar energy and high power generation potential, a large number of photovoltaic (PV) power stations have been established in desert areas around ...

2. Capacity design of solar power generation system. Capacity, that is, the power generation of the photovoltaic power generation system, is generally designed according to the constructive area ...

Web: https://www.solar-system.co.za