Ye Yagang Solar Power Generation

Yagang Zhang was born in Guyuan, Ningxia, China, in August 1995. He received the bachelor"s degree in power system and automation from Hunan University, in 2017, and the master"s degree in electrical engineering ...

He is currently working at State Key Laboratory of Alternate Electrical Power System with Renewable Energy Sources, North China Electric Power University, China. His research includes relay protection of power ...

In this paper, real data from wind power plants and photovoltaic power plants in China are used as experimental objects, and experiments are carried out in three aspects, namely, benchmark model selection, ...

Therefore, this paper proposes an intelligent prediction system that combines decomposition algorithms and deep learning for ultra-short-term prediction of wind and photovoltaic power.

In recent years, traditional energy sources have caused a variety of negative impacts on the environment, and reducing carbon emissions is a top priority. The development of renewable energy...

He is currently working toward the Ph.D. degree in the Center for Advanced Power Systems, Florida State University, Tallahassee. His research interests include integration of renewable energy sources and large ...

Lead research and development of vehicle-grid integration, smart charging and virtual power plant technologies that connect electric vehicles to the grid in an optimized, interactive manner.

Lead research and development of vehicle-grid integration, smart charging and ...

Achieving wind power and photovoltaic power prediction: An intelligent prediction system based on a deep learning approach Energy 2023-11 | Journal article DOI: 10.1016/j.energy.2023.129005

In this paper, the EMS controls battery storage to shape the fluctuated photovoltaic (PV) plant output into a

relatively constant power and support the peak load.

Web: https://foires-salons.eu