



Photovoltaic Microgrid of Northeast Electric Power University

Yang Li, a professor at Northeast Electric Power University in China, specializes in power and renewable energy systems. He holds a Ph.D. in Electrical Engineering, has over 150...

This paper introduces a novel Intelligent Model-Following Controller (IMFC) for EVCS integrated with a hybrid microgrid consisting of nuclear, photovoltaic (PV), and biogas power sources.

He is currently pursuing the master's degree in electrical engineering in cooperation with Northeast Electric Power University, Jilin, China. His current research interests include power ...

Research on Distributed Photovoltaic Microgrid System Based on Dual-Output T-Type Three-Level Converter IEEE Access 2024 | Journal article DOI: 10.1109/ACCESS.2024.3471784

Paper accepted in IET Generation, Transmission & Distribution: "A novel method of restoration path optimization for the AC-DC bulk power grid after a major blackout".

For a typical building microgrid in summer and winter, the simulation results reveal that the proposed method improves the overall economy of planning the building microgrid system and its operation ...

Abstract: The implementation of a multi-microgrid (MMG) system with multiple renewable energy sources enables the facilitation of electricity trading.

Northeast Electric Power University (NEEPU) is located at Jilin City, Jilin province, a beautiful city with fine sceneries. Northeast Electric Power University is one of the key universities in Jilin ...

Can a virtual synchronous generator control a microgrid without energy storage? Abstract: In autonomous microgrids frequency regulation (FR) is a critical issue, especially with a high level of ...



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