

My research interests cover broad areas of electric power and energy systems, including renewable energy systems (wind and solar), distributed generation, microgrids, smart grids, power system ...

This paper presents a review of the microgrid concept, classification and control strategies. Besides, various prospective issues and challenges of microgrid implementation are ...

This research aims to bridge the gap between these traditional systems and the unique requirements of microgrid monitoring by fully unleashing the unexploited capabilities of modern embedded and ...

Located in the city of Suqian and occupying roughly 3,400 square meters, the microgrid integrates wind, solar, storage and charging in infrastructure into a single, seamless system. It ...

Scale Microgrid Solutions is a vertically integrated distributed energy platform with the expertise to design, build, finance, operate, and maintain our projects.

In 2022, Shandong Weiqiao Venture Group launched the Bohai Bay Green Shipping Capacity Replacement Plan, proposing to build a fleet of 50 10,000-ton-class fixed-route electric ...

This research introduces a novel application of Prahalad and Ramaswamy's value co-creation theory by analyzing 60 microgrids throughout China as case studies.

Shandong Weiqiao Pioneering Group Co., Ltd. was selected as the development subject. According to the bidding announcement of the project, the proposed optimal scale is 1.875 million ...

Based on the microgrid project analysis, ongoing technological innovation, and policy development described in this paper, it is not difficult to see that China's micro-grid policy system is ...

Under the carbon neutrality goal, the projects to develop zero-carbon microgrids are emerging all over the world. However, the categories, trends, challenges, and future research ...

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