

Microgrids are generally built at the end of the distribution network. 22 There is a large number of distributed power generation equipment and some user loads in the microgrid, which are connected to the bus through ...

Shengjun Huang's 36 research works with 448 citations and 2,196 reads, including: Optimal design and operation of islanded multi-microgrid system with distributionally robust optimization

Microgrid technology can effectively integrate the advantages of distributed generation, and also provide a new technical way for large scale application of grid-connected generation of new ...

Microgrid is a small distribution system composed of distributed power supply, energy storage, energy conversion device, load, ... Zhuoyu Guo was born in Jiangxi, China, in ...

Taking a comprehensive benefit evaluation system for a microgrid in Beijing as the example, it is found that the clean energy consumption rate, payback period, and power supply reliability ...

An overview of multi-agent systems for microgrid control and management is presented, whereby various performance indicators and optimization algorithms are summarized and compared in ...

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Semantic Scholar extracted view of "Microgrid source-network-load-storage master-slave game optimization method considering the energy storage overcharge/overdischarge risk" by Tianyu ...

Research results indicate that the upper limit increase in microgrid interconnection power can significantly reduce the cost of the self-consistent energy system. When the upper limit of ...

With the urgent demand for energy revolution and consumption under China's "30-60" dual carbon target, a configuration-scheduling dual-layer optimization model considering energy ...

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