Title: Microgrid Trading Strategy
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In summary, this paper proposes a two-layer day-ahead trading mechanism for micro-grid clusters that quantifies potential economic risks using CVaR theory.

Through the decentralized coordination of distributed microgrid energy systems and shiftable microgrid appliances, this article introduces a decentralized EMS that facilitates P2P energy ...

This paper proposes a day-ahead two layer trading model for microgrid cluster based on price trading mechanism and Conditional value-at-risk (CVaR) theory. Firstly, the upper-layer ...

In order to realize P2P electricity trading between microgrids, this paper firstly constructs a microgrid operation cost model, optimizes the pre-purchase and sale of electricity with each ...

To tackle this issue, this paper introduces a non-cooperative gamebased optimal scheduling market trading model for MMG composed of various renewable energy sources, completing trade decisions ...

With the increasing penetration rate of renewable energy generation, the uncertainty of renewable energy output in microgrid cluster (MGC) leads to significant fluctuations in transaction ...

As an effective utilization form of clean power sources, it is of positive significance to study the trading strategy of microgrids in the intelligent power distribution system under the influence of ...

A. Controller"s goal The goal of the controller is to learn the optimal strategy leading to the maximization of economic profits derived from the management of the MG. Specifically, two main com-ponents ...

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