

Hybrid AC-DC microgrids provide a solution, seamlessly integrating renewables while reducing energy losses and improving power grid reliability. ... Introducing a Stackelberg ...

Hybrid AC-DC microgrid is introduced as the future distribution network to utilise both benefits of alternative and direct currents. In such hybrid microgrid, AC and DC loads, ...

To maximize the benefits of microgrid clusters, a general model and analysis method for studying the optimized operation of AC/DC microgrid clusters using non-cooperative games is proposed. This paper first ...

This paper proposes a game-based bargaining model for trading between EVs and the hybrid AC/DC microgrid. In this model, EVs act as followers and aim to find the optimal charging and ...

Download Citation | On Mar 26, 2021, Hao Gao and others published Research on Capacity Optimization Configuration of Hybrid AC/DC Microgrid Based on Wind, Solar and Storage | ...

a networked microgrid based on P2P energy trading scheme. The networked architecture is designed via a cooperative type of game theory technique to get the optimum sizes of the ...

A cooperative game theory technique based on a particle swarm optimization algorithm is used to model the networked microgrid, and to find the suitable sizes of the players that simultaneously ...

DOI: 10.1109/SPIES55999.2022.10082513 Corpus ID: 257939846; A Game Theory-Based Bargaining Model between Electric Vehicles and the Hybrid AC/DC Microgrid @article{Ai2022AGT, title={A Game Theory-Based Bargaining ...

DOI: 10.1016/j.apenergy.2024.123459 Corpus ID: 269856825; Comparative study on electricity transactions between multi-microgrid: A hybrid game theory-based peer-to-peer trading in ...

Game theory can be used to model microgrid participant behavior by considering the competitive electricity market environment and the objective of profit maximization for different players. ...

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