

Title: Multi-objective optimization scheduling of microgrids

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In order to gain a deeper comprehension of the microgrid scheduling method based on multi-objective optimization, the author proposes research into scheduling m

In order to improve the utilization rate of renewable energy and comprehensively enhance the economic efficiency and environmental friendliness of the microgrid, a multi - objective...

This study evaluates the performance of the improved IMOPSO algorithm in comparison with three traditional multi-objective optimization methods, namely multi-objective gray wolf ...

This paper develops a multi-objective optimization scheduling model for microgrids in grid-connected mode, focusing on operational costs and environmental protection costs, and employs an improved ...

To solve these problems, a multi-objective optimization model was established based on the economy and the environmental protection of a microgrid including EVs.

This study investigates the optimization and energy management (EM) in ME-MGs through the application of the Multi-Objective Walrus Optimization Algorithm (MOWaOA) combined ...

In this study, we propose a multi-objective particle swarm algorithm-based optimal scheduling method for household microgrids. A household microgrid optimization model is ...

To achieve this, an Improved Hybrid Aquila Optimizer and African Vultures Optimization (IHAOAVO) algorithm is introduced to optimize microgrid scheduling. This approach integrates the ...

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