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Title: Distributed energy storage agents

Generated on: 2026-03-24 17:04:28

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The goal of this paper is to present a new and completely distributed algorithm for service restoration with distributed energy storage support following fault detection, location, ...

Furthermore, a novel agent-based secure distributed optimal control scheme is proposed for charging and discharging of distributed energy storage systems. Linear quadratic ...

The focus of the paper is a presentation of the latest decentralised, centralised and distributed multi-agent control strategies designed to coordinate distributed microgrid energy storage ...

In this paper, we propose a multi-tiered framework for controlling distributed energy resources (DERs) such as elastic and non-elastic loads, electric vehicles (EV s), and Battery Energy ...

By analyzing data on the cost of operating distribution networks, voltage stability, and distributed power consumption, we investigate the potential advantages of the multi-agent ...

State-of-charge (SoC) balancing in distributed energy storage systems (DESS) is crucial but challenging. Traditional deep reinforcement learning approaches struggle with real-world ...

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