

To fulfill the requirements of coordination between MGs while exerting the autonomy ability of each MG, this paper proposes a hierarchical distributed control method for DC MGCs with ...

Hierarchical Coordination Control Strategy for an AC/DC Hybrid Microgrid Cluster Publisher: IEEE PDF

The multi-storage islanded DC microgrid energy balancing strategy based on the hierarchical cooperative control is proposed in this paper. It utilizes the properties of logarithmic ...

This paper presents a hierarchical and distributed control method for AC and DC microgrid clusters interconnected by the flexible DC distribution network to simultaneously achieve ...

A hierarchical coordination strategy with primary, secondary, and tertiary coordination is proposed for the economic operation of an islanded community microgrid. The hierarchical strategy ...

In order to maintain power balance and smooth bus voltage fluctuation during system operation due to dynamic load and resource variation, the designed hierarchical control is divided ...

A hierarchical coordination strategy with primary, secondary, and tertiary coordination is proposed for the economic operation of an islanded community microgrid.

A hybrid hierarchical control architecture integrating multiple control strategies is proposed to achieve deviation-free voltage regulation and precise power sharing in DC microgrids.

Based on hierarchical control, this paper designs a reasonable power coordination control strategy for AC/DC hybrid microgrid. For lower control, this paper designs a variety of control ...

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