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(54) **SYNCHRONIZATION CONTROL METHOD  
AND SYSTEM FOR MICROGRID GROUP**

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(57) **ABSTRACT**

The present disclosure provides a synchronization control method and system for a microgrid group. The synchronization control system for a microgrid group includes a central controller, and the central controller is configured to: receive a voltage measurement value at a grid connection point from each of the plurality of microgrids; perform proportional-integral adjustment on the voltage measurement value to obtain a difference between the voltage measurement value at a previous moment and a control value at a current moment, so as to estimate a control instruction at a next moment for each microgrid; and send a control instruction to at least one microgrid of the plurality of microgrids, to adjust closing synchronization between the plurality of microgrids through phase lock control. The accuracy and timeliness of the collected data and the effectiveness of the control can be ensured, which greatly improves a success rate of synchronization closing of the microgrid group.

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