

THE 8TH IEEE CONFERENCE ON ENERGY INTERNET AND ENERGY SYSTEM INTEGRATION

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//// Special Session 14 ////

Flexible Networking and Autonomous Operation of Distributed System with Large-scale Distributed Generations

○ INTRODUCTION AND TOPICS ○

The self-networking of distributed power sources is one of the important trends in the development of power systems. By placing power generation equipment close to users or loads, distributed power sources reduce transmission line losses and energy waste, thereby improving energy utilization efficiency and reducing environmental pollution. At the same time, the flexibility of distributed power sources enables the power system to better adapt to changes in load demand and better respond to faults and emergencies, thereby enhancing the flexibility and resilience of the power system. And distributed power sources can effectively reduce the demand and cost of transmission facilities, and on this basis, distributed power sources are close to user loads, reducing the demand for long-distance transmission lines and transformers and other transmission facilities, and lowering the construction and operation costs of the power grid.

○ SPECIAL SESSION CHAIR ○



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○ PUBLICATION & SUBMISSION ○

Submissions will be reviewed by the conference technical committees, and accepted papers will be published in IEEE EI² 2024 International Conference Proceedings, which will be submitted for inclusion in the **IEEE Xplore Digital Library**, and submitted for indexing by **El compendex** and **Scopus**.



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Submission Deadline: 31 October, 2024

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