

Handbook of Research on Smart Power System Operation and Control

Part of the Advances in Computer and Electrical Engineering Book Series

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Description:

Because society depends greatly on electric energy, power system control and protection focuses on ensuring a secure and reliable supply of power. To operate the electric systems in safe mode, the power system component should be equipped with intelligent controllers.

The **Handbook of Research on Smart Power System Operation and Control** is a collection of innovative research on the theoretical and practical developments in smart power system operation and control that takes into account both smart grid and micro-grid systems. While highlighting topics including cybersecurity, smart grid, and wide area monitoring, this book is ideally designed for researchers, students, and industry professionals.



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Topics Covered:

- Cybersecurity
- Electric Vehicle
- Intelligent Control Applications
- Micro-Grid
- Physics
- Power Systems
- Smart Electric Drive
- Smart Grid
- System Protection
- Voltage Control
- Wide Area Monitoring

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