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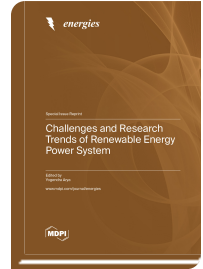
*Special Issue Reprint*

## **Challenges and Research Trends of Renewable Energy Power System**

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This reprint focuses on the current research trends in renewable energy sources (RESs) penetrated modern power systems (PSs). Various operational, power quality and stability issues and their solutions are discussed comprehensively in RESs integrated PSs. The topics of attraction include islanding detection and prevention, frequency regulation, pricing based multi-objective optimal scheduling, day-ahead load demand forecasting, advancing intelligent and robust optimization techniques based control strategies.



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