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Monitoring and Automation of Complex Power Systems

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Message from the Guest Editors

Electric power systems are evolving into increasingly complex systems, which require advanced monitoring and automation to achieve the desired targets of efficiency, security, and reliability. The automation chain integrates a set of different components, such as sensors and measurements, communication infrastructure, information technologies, energy management systems, and advanced control algorithms, which are all critical for the design of the overall automation solution. The system architecture that is used also has a key impact on the achievable reliability and scalability.

The aim of this *Special Issue* is to collect research articles presenting innovative views and solutions for the monitoring and automation of transmission and distribution grids. Topics of interest include both the analysis of specific components of the automation chain and higher-level perspectives on platforms and system architectures. Contributions discussing issues, solutions, and practical experience from field deployments or pilot demonstrations are also more than welcome.



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Special Issue



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Message from the Editor-in-Chief

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