

Special Issue

Advanced Solutions for Monitoring, Protection and Control of Modern Power Transmission System

Message from the Guest Editor

The aim of this Special Issue is to present advanced and innovative technical solutions, which will emphasize the monitoring, protection, and control of the modern transmission system. More specifically, topics of interest for this Special Issue include (but are not limited to) the following: Power system monitoring, protection, and control; Transmission grid planning, forecasting, and operation;

Industry experience in deploying smart grid technologies for power transmission;

Information and communication technologies for smart grids, interoperability, and cyber-security;

Interoperability between the transmission system operator and distribution system operator;

System integration of distributed energy resources, islanding, and hosting capacity;

Transmission system technologies, HVDC, FACTS, SVC, and energy storage;

Power electronics and control and protection systems for transmission grid applications;

Transmission grid monitoring and advanced metering infrastructures;

Diagnostics, maintenance, risks, reliability, vulnerability, and self-healing of transmission grids;

Smart transmission grid impacts on electricity markets; et al.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2021)



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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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