Special Issue

Power System Fault Diagnosis and Maintenance

Message from the Guest Editor

Most power equipment was built in the last century and has been continuously running for decades. Such power equipment is subject to component damage and insulation aging. To prevent electrical accidents, they need to be monitored and maintained. In recent years, significant breakthroughs have been made in various research fields such as artificial intelligence algorithms and sensor technologies, which have greatly contributed to the monitoring of power system faults and their maintenance. These technologies have enabled important power equipment such as transformers to be protected and effectively prevented serious power accidents from occurring. This Special Issue aims to promote and disseminate recent advancements in theory, design, modeling, control, and reviews related to the monitoring and fault diagnosis of power systems and electrical equipment. Topics of interest for publication include, but are not limited to:

- Dissolved gas analyses;
- Fault diagnosis;
- Fault prediction;
- Online monitoring system;
- Artificial intelligence algorithm;
- Power equipment maintenance.

Guest Editor

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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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