Special Issue

Advances in the Protection and Control of Modern Power Systems

Message from the Guest Editor

The transformation of power systems—driven by renewable energy, distributed generation, smart grids, and power electronics—has created new challenges and opportunities for protection and control. The increasing use of inverter-based resources, digital substations, and AC/DC hybrid networks adds complexity to system operation, requiring protection schemes that are fast, adaptive, and reliable. At the same time, advanced control strategies are essential for ensuring stability, resilience, and efficient energy management. This Special Issue welcomes original contributions on theoretical advancements, modeling, simulations, practical implementations, and future applications in the protection and control of modern power systems.

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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