Special Issue

Power System Protection: Current and Future Prospectives

Message from the Guest Editors

Modern power systems are undergoing unprecedented transformations driven by renewable energy integration, distributed generation, electrified transportation, and advanced digitalization. This Special Issue, *Power System Protection: Current and Future Prospectives*, will explore both the evolving theoretical frameworks and practical advancements in protection technologies, focusing on their adaptability to dynamic grid conditions and emerging threats. This Special Issue will provide a comprehensive overview of the latest developments and future directions in power system protection. Topics of interest include, but are not limited to, fault detection algorithms, protection coordination in hybrid power systems, protection strategies for large-scale renewable energy integration, and the challenges posed by emerging grid architectures such as microgrids and HVDC transmission. Additionally, this Special Issue will feature case studies and real-world applications, addressing the practical implementation of innovative protection technologies in modern power systems.

Guest Editors

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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