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Advances and Experiences in Protection Systems in Modern Power Systems

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Deadline for manuscript submissions:
closed (1 February 2022)

Message from the Guest Editors

Dear colleagues:

Modern power systems are changing at a rate never seen before in order to cope with the requirements of a future carbon-neutral economy. The changes in the power system are adding new challenges to its secure control and operation. Additionally, the power system and its components are not entirely immune to faults or by attacks; therefore, the reliable and secure operation of the modern power system requires the appropriate proper protection system. The massive penetration of power-electronic converter-based technologies is dramatically changing the dynamics of modern power systems. Modern power systems are experiencing a reduction in the short circuit levels at a time that transients are becoming faster and faster and less damped, all of which makes the reliable operation of protection systems more challenging. This Special Issue on “Advances and Experiences in Protection Systems in Modern Power Systems” offer a space for researchers and developers to disseminate new solutions capable of addressing the actual challenges of protection systems in modern power systems, particularly those related to carbon neutrality.

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Message from the Editor-in-Chief

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