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Fault Location and Management in Electrical Power Distribution Networks

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Deadline for manuscript
submissions:

closed (23 August 2023)

Message from the Guest Editor

These days, there is a considerable and continuous increase in the reliance of the functions of modern societies on electricity, calling for a much higher service quality than before. Considering that approximately 80% of customer power interruptions occur due to distribution faults, distribution system managers need to enable fast and efficient fault management to ensure service quality. The process usually includes fault location, isolation, and service restoration. The Guest Editor is inviting submissions to this Special Issue.

Topics of interest for publication include, but are not limited to:

Literature review, classification of techniques and their comparison; Challenges in distribution fault management and in the practical application of fault location techniques; Challenges and techniques for fault management for non-effectively grounded networks; High impedance fault location in distribution networks; Fault management and location techniques for active distribution networks; Fault management in AC/DC Microgrids; Innovative fault management and location techniques for smart grids; Innovative application of artificial intelligence for fault management and location.



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Special Issue



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Message from the Editor-in-Chief

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