

Special Issue

Fault Location and Management in Electrical Power Distribution Networks

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 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.

Guest Editor

Dr. Alireza Bahmanyar

Department of Electrical Engineering and Computer Science
Montefiore Institute, University of Liège, 4000 Liège, Belgium

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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