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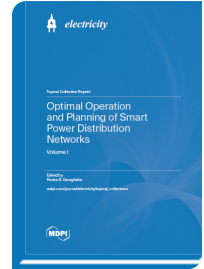
Special Issue Reprint

Optimal Operation and Planning of Smart Power Distribution Networks

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The aim of this reprint is to immerse the reader in the latest approaches employed in smart power distribution networks. Novel models and methods for solving emerging operation and planning problems of power distribution networks are covered, including voltage control, microgrids operation, and planning of urban distribution grids. In this reprint, leading experts in the field share their insights, research findings, and visions for the future. Together, we embark on a journey to unlock the full potential of active control of distributed energy resources, in order for the distribution networks to operate in the most economical and reliable way with simultaneous optimal use of the energy resources, towards a greener, more sustainable future where distribution networks operate efficiently and humanity prospers in harmony with nature.



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