



Smart Grids Technology and Its Applications

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Message from the Guest Editors

The Smart Grid (SG) concept has attracted the research community all over the world over the past decade for transforming the electric power grid using information technologies (i.e., advanced automatic control and communications techniques, among others). These technologies play a crucial role in the realization of the SG concept from generation, transmission and distribution all the way to consumer appliances and equipment. Examples of these technologies are as follows: smart meters, energy storage devices, including electric vehicles, communication systems, IoT and artificial intelligence applications, etc.

The SG concept allows energy to be generated, distributed and consumed more effectively and efficiently. You are welcome to submit an unpublished original research work related to the topic of “Smart Grid Technology and Its Applications”.

- communications and networking
- control and optimization in smart grids
- security and privacy
- machine learning
- distributed energy resources
- energy storage
- distribution automation system
- electric vehicles
- IoT
- optimal/predictive control





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Message from the Editor-in-Chief

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