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Smart Grid Voltage Control

Guest Editors:

Prof. Amedeo Andreotti

Department of Electrical
Engineering and Information
Technology, University of Naples
Federico II, 80138 Napoli, Italy

Dr. Alberto Petrillo

Department of Electrical
Engineering and Information
Technology, University of Naples
Federico II, 80138 Napoli, Italy

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Message from the Guest Editors

Modern power systems require reliable voltage control architectures, which should be able to promptly compensate voltage fluctuations. Self-organizing, highly scalable, and distributed, they are probably the architectures of the future, but their deployment in realistic operation scenarios is still an open issue due to, just as an example, the presence of non-ideal and unreliable communication systems. In this context, the research for new, more advanced, voltage control architectures represents one of the most promising research directions for smart power grids. In this regard, this Special Issue invites researchers and industry to contribute with new proposals in terms of devices, techniques, and algorithms which can face the new challenge of voltage regulation in the context of smart power grids. Review papers are also welcome.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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.

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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