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Distributed Energy Resources Management 2018

Guest Editors:

Dr. Pedro Faria

GECAD–Research Group on
Intelligent Engineering and
Computing for Advanced
Innovation and Development,
Polytechnic of Porto, Portugal

pnfar@isep.ipp.pt

Prof. Dr. Zita Vale

Engineering Institute, Polytechnic
of Porto, Portugal

zav@isep.ipp.pt

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Message from the Guest Editors

This Special Issue, “Distributed Energy Resources Management 2018”, is a continuation of the Special Issue “Distributed Energy Resources Management”. The success of the previous Special Issue shows the unquestionable relevance of distributed energy resources in the operation of power and energy systems at the distribution level, but also at the whole power system management level. Increased flexibility is required to accommodate intermittent distributed generation and electric vehicles charging. Demand response has a great potential to contribute to increased system efficiency while bringing additional benefits, namely to consumers. Distributed storage is also promising, especially when jointly used with photovoltaic panels. This Special Issue addresses the management of distributed energy resources with focus on methods and techniques to achieve an optimized operation, to aggregate the resources namely in the scope of virtual power players and other types of aggregators, and to remunerate them. The integration of distributed resources in electricity markets is also addressed as an enabler for their increased and efficient use.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Room 32, 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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Contact Us

Energies
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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