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Distributed Energy Resources Management 2018

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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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Message from the Editor-in-Chief

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