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Regulatory Frameworks Addressed to Promote Renewable Energy Sources and Microgrids. Regulatory Constraints and Implications on Conception, Design and Energy Management of Microgrids

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Message from the Guest Editors

Dear Colleagues,

Microgrids are called to be handy tools for the deployment of renewable energy systems, especially on buildings and industry.

Today, most of the distributed energy sources that conform to microgrids are renewable energy sources. In this regard, the influence of the regulatory frameworks of the electricity system of each country, especially those addressed to promote renewable energy sources, has a considerable impact on the conception, design, and energy management of these assets.

Some countries are currently working to guarantee that their consumers may have the right to produce, store, consume, and resell their self-generated electricity to the grid. This fact has forced the introduction of substantial changes in their electricity sector laws. In this regard, electricity storage has been allowed, and new promotion schemes have been enacted to cope with the prosumer reality.

The Special Issue invites original research papers to address the analysis of the impacts that those new regulatory schemes might have on the conception, design, and energy management of microgrids.



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Special Issue



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Message from the Editor-in-Chief

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