

## Special Issue

# Operation, Regulation and Planning of Power and Natural Gas Systems

### Message from the Guest Editors

Worldwide, electricity systems are evolving to adapt to a low-carbon economy, in which more and more renewable energy resources are being integrated.

These changes create a need for new methods, tools, and approaches to deal with the operation and planning of electricity systems. On the other hand, new regulations must be developed in order to deal with a wide integration of renewable and distributed energy resources, both from a generation and a network (transmission and distribution) perspective.

Furthermore, the natural gas sector is going through a significant transformation, related mainly both to technological advances and strategic policy decisions. While there is a great uncertainty in the future of natural gas within the global energy matrix, it is clear that it will play a major role during the next few years as a bridge fuel towards a decarbonized economy. This Special Issue, therefore, seeks to contribute to the energy transformation agenda through original contributions focused on both power and natural gas systems. We invite papers on innovative operation and planning methods, as well as papers on regulation of both energy systems.

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### Guest Editors

Prof. Dr. Javier Reneses

Institute for Research in Technology, Universidad Pontificia Comillas,  
Calle de Sta. Cruz de Marcenado, 26, 28015 Madrid, Spain

Dr. Antonio Bello

Institute for Research in Technology, Universidad Pontificia Comillas,  
Calle de Sta. Cruz de Marcenado, 26, 28015 Madrid, Spain

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### Deadline for manuscript submissions

closed (31 May 2020)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

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