



Power System Dynamics and Renewable Energy Integration

Guest Editor:

Dr. Juri Belikov

Department of Software Science,
School of Information
Technologies, Tallinn University
of Technology, Akadeemia tee
15a, 12618 Tallinn, Estonia

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Message from the Guest Editor

Dear Colleagues,

Currently, it is widely accepted that a major barrier toward the massive integration of renewable energy sources is the complex dynamic behavior of large-scale power systems. In many cases, the need to preserve system reliability and stability is a bottleneck, which practically prevents the use of such sources, despite their positive environmental impact and low cost. In addition, power systems with a high penetration level of renewable energy sources will have different topologies, control methods, and management strategies.

This Special Issue will focus on power system dynamics in the light of the large-scale integration of renewable energy sources. We invite papers on innovative technical developments, reviews, case studies, and theoretical papers from different disciplines, which are relevant to dynamics of power systems and the integration of renewable energy sources.





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Prof. Dr. Enrico Sciubba

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

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
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