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Stability Issues and Challenges in Modern Electric Power Systems

Guest Editor:

Dr. Mazaher Karimi

School of Technology and
Innovations, University of Vaasa,
Wolffintie 34, FI-65200 Vaasa,
Finland

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Message from the Guest Editor

This **Special Issue** is focused on power system stability aspects in modern electrical power systems with a high penetration level of converter-interfaced technologies. Worldwide, electric power systems have experienced significant reformation, which has been particularly affected by an increased penetration level of power electronic converter interfaced technologies. These converter-interfaced technologies are mostly used for renewable energy sources such as wind, photovoltaic generation, energy storage systems, etc. Moreover, converter technologies are also used in high voltage direct current (HVDC) transmission systems, flexible ac transmission system (FACTS), and power electronic loads. In fact, the fast response of converters will affect the dynamic response and behavior of electric power systems.

This Special Issue invites original papers addressing the various topics related to power system stability issues and challenges in modern electric power systems. Furthermore, a wide variety of contributions are welcome from converter-interfaced generations and technologies.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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