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Electric Power Systems Research 2018

Guest Editor:

Prof. Dr. Ying-Yi Hong

Department of Electrical Engineering, Chung Yuan Christian University, Taoyuan City 32023, Taiwan

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Message from the Guest Editor

A power grid is a large-scale and nonlinear system, which has a latent security, stability or reliability problem. Thus, development of advanced technologies and novel methods applied to the modern power system is crucial. *Electric Power Systems Research* is a special issue in *Energies* for those who would like to publish the original papers about the generation, transmission, distribution and utilization of electric energy. The works consist of applied research, development of new algorithms or components, original application of existing knowledge or new facilities in power systems. This special issue received much attention in 2016~2018 and published many state-ofart works, too.

The published papers cover the following subjects:

- 1. Power System Stability and Reliability
- 2. FACTS Applied to Power Systems
- 3. Applications of Intelligent Methods and Optimizations
- 4. Control, Operation and Planning of Power System
- 5. Operation and Planning of Distributed Generation Resource
- 6. Operation and Planning of Energy Storage System and Electric Vehicle
- 7. Energy Management System
- 8. Microgrid and Virtual Power Plant
- 9. Power Quality









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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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