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Optimal Design for Renewable Power Systems

Guest Editors:

Dr. George J. Tsekouras

Department of Electrical and Electronics Engineering, School of Engineering, University of West Attica, 250, Thivon Avenue, Aigaleo, GR12241 Athens, Greece

Dr. Fotios D. Kanellos

School of Electrical and Computer Engineering, Technical University of Crete, 9, Akrotiri Campus, GR73100 Chania, Greece

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Message from the Guest Editors

At present, renewable energy sources (R.E.S., i.e., wind turbines, photovoltaic plants, small hydroelectric plants, geothermal plants, etc.) are applied to power systems mitigating the operation of classical thermal power plants improving the environment and limiting greenhouse gases. However, the R.E.S. growth provokes serious issues on power systems, such as the increase of the fault current level, operation problems on protection systems, power quality issues, power system stability issues, etc. Therefore, research and development activities on the optimal design of power systems with significant penetration of R.E.S. have become exceptionally energetic during the last decade.



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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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