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Modeling and Optimal Operation of Hydraulic, Wind and Photovoltaic Power Generation Systems

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Deadline for manuscript
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Message from the Guest Editors

Dear Colleagues,

The modeling and optimal control of renewable energy sources such as hydraulic, wind and photovoltaic, which play an increasing role in modern power systems, are of great importance for safe and stable system operation. This Special Issue aims to present and disseminate the most recent advances related to the theory and/or application research on the modeling and optimal operation of hydraulic, wind and photovoltaic power generation systems. The topics of interest for publication include, but are not limited to, the keywords below.

hydraulic/solar/photovoltaic power generation system
system integration; refined modeling; optimal operation
advanced/intelligent control; cooperative control
performance evaluation; scheduling and planning
fault forecasting/diagnosis
CFD simulation; stability analysis
multi-energy complementary
100% renewable power system
smart microgrid



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Special Issue



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Message from the Editor-in-Chief

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