Modern Power System Dynamics, Stability and Control

Guest Editor:

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Deadline for manuscript submissions:
closed (29 February 2020)

Message from the Guest Editor

Dear Colleagues,

The Guest Editor is inviting submissions for Special Issue "Modern Power System Dynamics, Stability and Control". The main topics of interest of this Special Issue include:

- Power electronic converters as controlled power interface devices
- Dynamics and stability of power controlled RES (wind turbines, PV systems, etc.)
- Improvements in power system stability under high levels of penetration of RES
- HVDC interconnections: modeling and control
- DG dynamics and control, integrated with RES and energy storage devices
- Microgrids (ac or dc) in stand-alone or grid-connected mode
- Novel aspects of model deployment and nonlinear stability analysis of modern power systems
- Innovative PI and/or P cascaded controllers for use in DG and RES installations
- Stability of PLL driven controllers
- Frequency and voltage droop-based control
- Ancillary services

Special Issue

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Message from the Editor-in-Chief

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