Special Issue

Advances in Power System Dynamics, Stability, Control and Dispatch with Large-Scale Renewable Energy Penetrated, 2nd Edition

Message from the Guest Editors

In this Special Issue, we encourage contributions addressing the barriers existing in renewable energypenetrated power system stability analysis, control and dispatch. Recent advances in real-time simulation, intelligent control and artificial intelligence-based optimization and control are also welcome. Topics of interest include, but are not limited to, the following: (1) Stability analysis in renewable energy-penetrated power systems; (2) Stability analysis in microgrids, active distribution networks and integrated energy systems; (3) Fast control or dispatch of renewable energypenetrated power systems; (4) Fast control or dispatch of microgrids, active distribution networks and integrated energy systems; (5) Control of power electronic devices; (6) Control of flexible AC/DC transmission systems; (7) Artificial intelligence applications in power system stability analysis, control and dispatch; (8) Simulation techniques of transmission system microgrids, active distribution networks and integrated energy systems with the penetration of renewable energy.

Guest Editors

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