Special Issue

Advances in Cooperative Control and State Estimation of Power Systems with Large Scale Renewable Energy Sources: 2nd Edition

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances that are able to address challenges induced by large-scale RES integration. Topics of interest for publication include, but are not limited to, the following:

- Operation and control of power systems with new energy sources.
- Measurement and control of transportation energy integrated systems.
- Modeling and control of renewable power generation.
- Life cycle assessment, pricing, policies, and energy planning.
- Artificial intelligence for renewable energies.
- Advanced monitoring, diagnosis, and big data analytic methods of electrical equipment.
- Ultra-low- and near-zero-energy consumption buildings with renewable energy integration.
- Power electronic converters and drives.
- Modeling of communication–control coupled systems.
- Frequency regulation in low-inertia systems with high wind penetration.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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