Rethinking the Distribution Power Network Planning and Operation for a Sustainable Smart Grid and Smooth Interaction with Electrified Transportation

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Message from the Guest Editors

Topics of interest for publication include but are not limited to the following:

- Planning of smart grid considering uncertainty factors and/or multistage investments (e.g., renewable generation and electric vehicles growth in the mid-long term);
- Proposal for lowering grid operation cost and increasing the sustainability of smart grids (e.g., methods dealing with big data or smart metering to retrieve valuable information for grid operation);
- Renewable energy, demand-response, smart distribution grids;
- Energy management system in smart distribution grids;
- Advanced flexibility strategies for smart distribution grids;
- Electric vehicles planning and operation in smart grid (including behavior models for simulation and optimization of EVs in the grid).
Message from the Editor-in-Chief

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