

Special Issue

Planning, Optimization and Capacity Management of Future Distribution Networks

Message from the Guest Editor

The focus of this Special Issue will therefore be to critically assess the state-of-the-art as well as to analyze and promote innovative solutions for long-term planning and operational constraint management of future distribution networks. The purpose is to bring forth comprehensive examples of suitable demand response programs, algorithms, methodologies, and relevant case studies from all over the world. Specific topics include but are not limited to:

- Network planning;
- Capacity management;
- Data-driven algorithms;
- Forecasting and operational planning;
- Renewable integration;
- Microgrids, virtual power plants, and other aggregation techniques;
- Smart grids;
- Residential and neighborhood energy management;
- Integration of smart buildings;
- Uncertainty and risk management;
- Flexibility and demand response;
- Integration of electric vehicles (EVs);
- Integrated energy systems.

Guest Editor

Dr. Niyam Haque

Electrical Energy Systems, Department of Electrical Engineering,
Eindhoven University of Technology, Eindhoven, The Netherlands

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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