



Development of Distributed Energy Systems Based on Renewable Energy Sources—Current Status and Development Prospects

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Message from the Guest Editors

Dear Colleagues,

This Special Issue discusses the current status as well as the potential and development prospects of distributed energy systems based on renewable energy sources. The basis for the proper management of energy resources in distributed systems is the development of modern energy management systems and platforms at different levels of contemporary energy systems and smart power grids.

The scope of this Special Issue covers but is not limited to the following topics:

- Energy transformation in less urbanized areas;
- Possibilities of developing renewable energy in distributed energy systems;
- Biomass and biogas technology;
- Wind energy technology;
- Water energy technology;
- Photovoltaic technology;
- Heat pump technology and thermal energy storage technologies;
- Energy management in buildings and homes;
- IoT applications and artificial intelligence for renewable energy

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Message from the Editor-in-Chief

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