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ICT for Energy

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Message from the Guest Editors

Dear Colleagues,

The transformation of the energy system is creating the need for a convergence between the energy and ICT domain. This is particularly true for the electrical grid infrastructure. The so-called Smart Grid is the integration of a distributed intelligent infrastructure on top of the traditional grid. This Special Issue aims at exploring the most advanced examples of interactions of these infrastructures. The main goal is to show how the confluence of Energy and ICT is shaping a completely new scenario for electrical grid operation and planning defining new roles and scenarios. This transformation is affecting all the stakeholders: Distribution grid operators, but also the end customers, now better defined as prosumer for their active role. Papers that present results related to concrete deployments in field test are particularly welcome. Potential topics include, but are not limited to:

- Distributed intelligence for grid automation
- Cloud applications
- Active distribution grids

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Special Issue



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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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