Special Issue

Smart Solutions and Devices for the Power Industry

Message from the Guest Editors

The decarbonization and decentralization processes of the electric power industry combined with the rapid spread of digital technologies determine the principles for the construction and operation of smart grids of the future. The construction of power plants based on non-traditional energy sources in close proximity to consumers is becoming an increasingly efficient and competitive alternative to large, centralized generation. At the same time, the mass integration of such power plants into electrical networks requires the development of approaches and the creation of new devices for the effective control and protection of electrical networks. This Special Issue on "Smart Solutions and Devices for the Power Industry" is devoted to promising, intelligent sources of distributed generation, as well as devices for their integration into an electrical network. In publications, new circuit and design solutions can be considered that can significantly improve the efficiency of distributed energy facilities.

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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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