Special Issue

Research Studies on Combined Heat and Power Systems

Message from the Guest Editors

The study of combined heat and power (CHP) systems is at a stage of increased interest in the international scientific community, due to the multiple challenges and objectives that these technologies can offer in the current energy context. Cogeneration systems confer benefits not only from a technical perspective but also from an economic and social point of view. Therefore, the scientific papers of this Special Issue will be able to contribute to the substantiation of public policies and the orientation of investments in energy infrastructure. Topics of interest for publication include, but are not limited to:

- CHP technologies;
- Cogeneration based on renewable and circular resources;
- Applications of cogeneration systems;
- Development of micro-CHP and decentralized solutions;
- Integrating cogeneration into smart-grid structures;
- District heating and cooling systems;
- Cogeneration and trigeneration systems in buildings;
- Reliability and availability of cogeneration systems;
- Integration of energy storage systems for improved efficiency and flexibility of CHP plants.

Guest Editors

Dr. Pavel Atanasoae

Faculty of Electrical Engineering and Computer Science, Stefan cel Mare University of Suceava, 720229 Suceava, Romania

Dr. Ioan Bitir-Istrate

Faculty of Power Engineering, National University of Science and Technology Politehnica Bucharest, 060042 Bucharest, Romania

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

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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