Special Issue

Analysis of Cogeneration Systems and Electricity Consumption

Message from the Guest Editors

The complexity of issues related to the generation, transmission, distribution, and consumption of energy has greatly increased in recent times along with the worsening of global environmental problems, climate change, and restrictions on conventional power sources. Therefore, the current concerns in the field of energy production are oriented towards the application of technologies that have the least impact on the environment. In this context, cogeneration or combined heat and power (CHP) is significantly more efficient than the separate generation of heat and electricity. Currently, the promotion of high efficiency cogeneration based on the demand for useful heat is a priority for the governments of many countries. This Special Issue aims to present and disseminate the original research or review articles on the important topic of cogeneration systems. Topics of interest for publication include but are not limited to:

- CHP technologies
- Cogeneration systems in buildings
- Trigeneration
- Applications of cogeneration systems
- Economic dispatch of multiple energy carriers
- District heating and cooling systems

Guest Editors

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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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