

Special Session on
“Decision Making Approaches for Integrated Energy Systems”
Organized by

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Call for Papers

Different energy systems are going to be operated and managed in an integrated manner which accordingly necessitates more sophisticated and customized decision making techniques. The coupled planning and operation of integrated energy systems (IESs) has this own technical and economical challenges. In this regard, a significant gap is felt for coordinated operation and planning of the integrated energy systems including electrical, gas, district heating and water networks for effectively responding to the challenges ahead of this filed.

This Special Session is to provide a forum for researchers and individual engineers to contribute in exchanging their latest results on the integrated energy systems with the aim of properly overcoming the challenges of the today's and future energy systems.

Topics of interest include, but are not limited to:

- Optimal planning and operation of the integrated energy systems (IES)
- Integrated energy conversion and storage systems
- Multi-generation (CHP, CCHP, CCHHP, ...) systems for IES
- Expert energy management systems for IES
- Uncertainty management in IES planning and operation
- Advanced optimization techniques for IES