

2018 International Conference on Smart City and Intelligent Building (ICSCIB 2018)
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Special Session on:

“Smart district energy”

Session Organisers:

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Description:

With the continuous advancement of urbanization, urban ecological problem has become the main problem of sustainable urban development. In order to solve the contradiction between urban energy demand and environment and low carbon, researchers and engineers are focusing on the development and implementation of novel methodology and technology to improve urban energy efficiency, such as district energy systems and energy Internet of things. Through these technologies and methods, we can realize multi-energy complementation of building energy and realize the organic coordination of energy production, transmission, distribution, transformation, storage and consumption.

Objectives:

The aim of this special session is intended to seek the chance of exchanging recent achievements in district energy utilization based on the energy Internet technology.

Original papers are welcome in planning and design of intelligent energy system, modelling, simulation and optimization control of energy system, and application of new intelligent energy equipment or system, etc.

🔍 Subject Coverage (not limited to)

- planning and design
- modelling and analysis
- construction and operation
- synergetic optimization control
- business model
- stability and safety of smart district energy systems
- new information technology supporting smart district energy systems
- application of new intelligent energy equipment or system