



District Energy Network for Sustainable Urban Development

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Message from the Guest Editor

Dear Colleagues,

It is very unlikely that yesterday's technology could address future demand for energy. A smarter solution is required that can tackle the three top pillars of energy trilemma—security, affordability, and sustainability—all at the same time. If the solution focuses on just one dimension in isolation, it is unlikely to be able to address the sustainable urban development. The district energy network (DEN), which is capable of providing required energy either in the form of electricity, heating or cooling that utilizes available local energy/waste resources, might be one of the best solutions to this dilemma. The integrated thermal energy storage (TES) system would ensure secure and stable access to energy continuously. This Special Issue aims to provide an opportunity for researchers to publish their theoretical, analytical, and technological findings in the field of district energy networks with a holistic view over the lifecycle of the energy systems.

Dr. Behzad Rismanchi
Guest Editor





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Message from the Editor-in-Chief

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