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Demand-Response in Smart Buildings

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Deadline for manuscript submissions:
closed (20 May 2019)

Message from the Guest Editors

We would like to invite you to contribute to a Special Issue, entitled “Demand-Response in Smart Buildings”.

Demand response (DR) is a reduction in demand designed to reduce peak load or avoid system emergencies. Hence, it can be more cost-effective than adding generation capabilities to meet the peak and/or occasional demand spikes. The underlying objective of DR is to actively engage customers in modifying their consumption in response to pricing signals. Demand response is expected to increase energy market efficiency and security of supply, which will ultimately benefit customers by way of options for managing their electricity costs leading to reduced environmental impact. This Special Issue is focusing on the coupling of demand response with smart buildings and communities with the aim of covering alternative demand response approaches, case study analyses, research trends and necessary transformations in smart buildings and communities to be able to successfully implement demand response.

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Message from the Editor-in-Chief

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