Machine Learning and Data Based Optimization for Smart Energy Systems

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Message from the Guest Editor

This *Special Issue* aims to collect, compare, and assess novel machine learning and data science techniques that can be used to address smart energy system challenges.

Topics of interest for publication include but are not limited to:

- Presentation of machine learning- and artificial intelligence-derived control strategies for smart energy systems.
- Data-analytics-derived methods for the sizing and layout of components in smart energy systems.
- Statistical analysis of prediction errors and data-based learning techniques for the stochastic optimization of electrical power dispatch with storage.
- Verification of new modelling approaches through field tests or assessments compared to traditional computational approaches (e.g., heuristics, linear and non-linear optimization).
- Assessment of the accuracy and computational speed of competing algorithms, computational frameworks, and solution techniques.

Special Issue

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Message from the Editor-in-Chief

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