



Boosting Power Systems Sustainability through IoT Applications

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Deadline for manuscript
submissions:

closed (25 April 2023)

Message from the Guest Editors

Dear Colleagues,

Digitalisation is a key amplifier of the power sector transformation, enabling the management of large amounts of data and optimising increasingly complex systems. All these new assets on the supply and demand sides are adding complexity to the power sector, making monitoring, management and control crucial for the success of the energy transformation.

Digital technologies can support the renewable energy sector in several ways, including better monitoring, operation and maintenance of renewable energy assets; more refined system operations and control closer to real time; implementation of new market designs; and the emergence of new business models.

This Special Issue of Sustainability provides an overview of the Internet of Things directly applied to the energy sector, with a focus on how this technology can contribute to increasing shares of variable renewable energy (VRE) in the power system.





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Message from the Editor-in-Chief

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