



Decision-Making Methods Enabling Sustainable Distribution Network Operation and Planning

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Deadline for manuscript submissions:

closed (31 August 2021)

Message from the Guest Editors

This Special will investigate aspects linked to decision-making methods applied to distribution system planning and operation, suggesting new approaches and solutions for ensuring the short- and long-term sustainability of the system.

The main topics of interest include (but are not limited to) the following:

1. Theoretical studies involving multi-criteria decision-making methods for planning and operation of the distribution systems (e.g., with the introduction of these methods within optimization procedures)
2. Applications referring to real-world cases, with the aim to create a list of learned good practices which can be of inspirations not only for other DSOs, but also for researchers to elaborate new theoretical works
3. New sustainability indices, that can be introduced to drive properly the investments (for example by considering new devices able to coupling different sectors and decarbonizing the energy system chain)

Thus, we look forward to receiving valuable contributions, which can positively impact the present literature, by providing a secure guide towards a brilliant future of the distribution system management.





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