



Sustainability of Smart Energy Networks: Pathway for Achieving a Green Smart Energy Network—2nd Edition

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Deadline for manuscript submissions:

closed (30 April 2026)

Message from the Guest Editors

Papers are invited in areas relevant to smart energy networks, including but not limited to the following topics:

- 4th generation district heating and cooling networks (DHC) fed by renewables or coupled with innovative technologies;
- 5th generation district heating and cooling networks fed by renewables or coupled with innovative technologies;
- Dynamic analysis of control strategies able to significantly reduce the environmental impact of district adopting 4th and 5th generation DHCs;
- Electric vehicles;
- Control strategies or solutions for peak shaving and peak shifting, with the aim of avoiding grid unbalancing and overvoltage;
- Optimal coupling of several renewable energy sources for addressing the issue of peak power production and peak of power demand;
- Power to X technologies.





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Message from the Editor-in-Chief

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