

## Special Issue

# Wireless Sensing Applications and Technologies in Electrical Energy Systems

### Message from the Guest Editors

The advent of wireless technologies has revolutionized the modern energy system, paving the way for enhanced efficiency, reliability, and sustainability. These technologies, leveraging the power of the Internet of Things (IoT), have transformed the way energy is generated, transmitted, distributed, and consumed. Wireless sensors, with their ability to monitor, control, and communicate, play an important role in this sector. For example, wireless IoT devices allow real-time monitoring of energy generation and consumption, enabling predictive maintenance and ensuring optimal operation of energy systems. Despite these significant benefits, the implementation of wireless sensing technologies presents challenges. These include issues related to sensor network design, data security, and the energy efficiency of the sensors themselves. Addressing these challenges requires ongoing research and development efforts. For more information, please visit [mdpi.com/si/MW4Z9](https://mdpi.com/si/MW4Z9)

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### Deadline for manuscript submissions

closed (20 December 2025)



## Sensors

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