

## Special Issue

# Distribution Renewable Energy Integration and Grid Modernization

### Message from the Guest Editors

This Special Issue aims to provide a comprehensive platform for researchers, practitioners, and industry experts to present and discuss cutting-edge research, innovations, and practical applications in the field.

The Special Issue will encompass a wide spectrum of topics within the realm of renewable energy integration into transmission and distribution grids, with a focus on addressing challenges and harnessing opportunities for a more sustainable and efficient energy ecosystem. Submissions are encouraged to explore various facets, including the integration of distributed energy resources (DERs) such as solar and wind power, the role of electric vehicles (EVs) in demand response and grid support, and the advancements in advanced distribution management system (ADMS) applications and distributed energy resource management system (DERMS) applications for enhanced grid operations.

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### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



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The unique journal *Inventions* is different from all other journals. Many scholars spend their lives publishing research papers in many different journals, but most of these journals do not help scholars collate and analyze their results or assist in promoting them to a relevant industry. However, *Inventions* will help authors not only to publish their papers in the journal, but also to promote their research results to industry and assist them in realizing the purpose of technology transfer. In the future, *Inventions* will help authors to evaluate their technology license fees based on the valuation theory and approaches and also help authors to show their patents and technologies on a network transaction platform.

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