# DESCRIPTION

## Electrical Safety Engineering of Renewable Energy Systems

A reference to designing and developing electrical systems connected to renewable energies

*Electrical Safety Engineering of Renewable Energy Systems* is an authoritative text that offers an in-depth exploration to the safety challenges of renewable systems. The authors—noted experts on the topic—cover a wide-range of renewable systems including photovoltaic, wind, and cogeneration and propose a safety-by-design approach. The book clearly illustrates safe behavior in complex real-world renewable energy systems using practical approaches.

The book contains a review of the foundational electrical engineering topics and highlights how safety engineering links to the renewable energies. Designed as an accessible resource, the text discusses the most relevant and current topics supported by rigorous analytical, theoretical and numerical analyses. The authors also provide guidelines for readers interested in practical applications. This important book:

- Reviews of the major electrical engineering topics
- Shows how safety engineering links to the renewable energies
- Discusses the most relevant current topics in the field
- Provides solid theoretical and numerical explanations
Written for students and professional electrical engineers, *Electrical Safety Engineering of Renewable Energy Systems* explores the safety challenges of renewable systems and proposes a safety-by-design approach, which is currently missing in current literature.

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### ABOUT THE AUTHOR

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