

# Handbook of Research on Power and Energy System Optimization

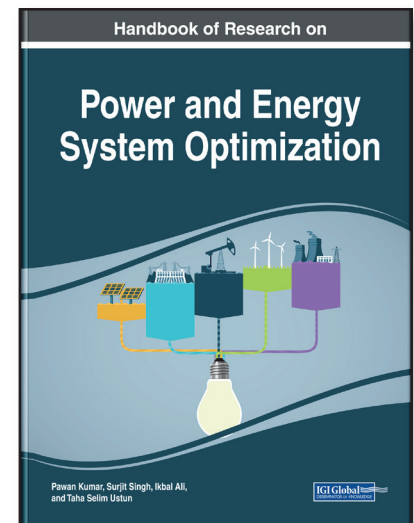
Part of the Advances in Computer and Electrical Engineering Book Series

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## Description:

In recent years, the development of advanced structures for providing sustainable energy has been a topic at the forefront of public and political conversation. Many are looking for advancements on pre-existing sources and new and viable energy options to maintain a modern lifestyle.

The **Handbook of Research on Power and Energy System Optimization** is a critical scholarly resource that examines the usage of energy in relation to the perceived standard of living within a country and explores the importance of energy structure augmentation. Featuring coverage on a wide range of topics including energy management, micro-grid, and distribution generation, this publication is targeted towards researchers, academicians, and students seeking relevant research on the augmentation of current energy structures to support existing standards of living.



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## Topics Covered:

- Distribution Generation
- Energy Management
- Energy Trading
- Loads Modeling
- Micro-Grid
- Smart Cities
- Smart Distribution Systems

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