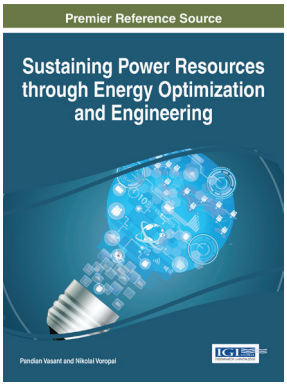
Sustaining Power Resources through Energy Optimization and Engineering



Part of the Advances in Computer and Electrical Engineering (ACEE) Book Series

Pandian Vasant (Universiti Teknologi PETRONAS, Malaysia) and Nikolai Voropai (Energy Systems Institute SB RAS, Russia)

Description:

As the world continues to evolve technologically, people depend more heavily on energy-dependent systems to fulfill their daily needs. However, as these needs grow, it is important to develop sustainable systems that are reliable, as well as environmentally sound.

Sustaining Power Resources through Energy Optimization and Engineering highlights the sustainable development and efficient operation of energy systems being provided to consumers. Features emergent research and trends within the area of power optimization and engineering

Readers:

This book is a crucial reference source for engineers, researchers, sustainability experts, and professionals interested in the improvement and usage of infrastructural energy systems.

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Topics Covered:

- Biogeography Based Optimization
- Energy Management Policy
- Ground Source Energy
- Hybrid Power Filter
- Markov Random Process
- Optimal Power Flow
- Valve-Point Loading Effect

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