Smart Grid as a Solution for Renewable and Efficient Energy

Part of the Advances in Environmental Engineering and Green Technologies (AEEGT) Book Series

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Description:

As the need for proficient power resources continues to grow, it is becoming increasingly important to implement new strategies and technologies in energy distribution to meet consumption needs. The employment of smart grid networks assists in the efficient allocation of energy resources.

Smart Grid as a Solution for Renewable and Efficient Energy features emergent research and trends in energy consumption and management, as well as communication techniques utilized to monitor power transmission and usage.

Readers:

Emphasizing developments and challenges occurring in the field, this book is a critical resource for researchers and students concerned with signal processing, power demand management, energy storage procedures, and control techniques within smart grid networks.

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Micro-Grids

Signal Processing

Optimized Energy Consumption

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- Energy Storage
- Geographic Information Systems
- Hybrid Energy

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