DESCRIPTION

SMART GRIDS AND GREEN ENERGY SYSTEMS

Green energy and smart grids are two of the most important topics in the constantly emerging and changing energy and power industry. Books like this one keep the veteran engineer and student, alike, up to date on current trends in the technology and offer a reference for the industry for its practical applications.

Smart grids and green energy systems are promising research fields which need to be commercialized for many reasons, including more efficient energy systems and environmental concerns. Performance and cost are tradeoffs which need to be researched to arrive at optimal solutions. This book focuses on the convergence of various technologies involved in smart grids and green energy systems. Areas of expertise, such as computer science, electronics, electrical engineering, and mechanical engineering are all covered. In the future, there is no doubt that all countries will gradually shift from conventional energy sources to green energy systems. Thus, it is extremely important for any engineer, scientist, or other professional in this area to keep up with evolving technologies, techniques, and processes covered in this important new volume.

This book brings together the research that has been carrying out in the field of smart grids and green energy systems, across a variety of industries and scientific subject-areas. Written and edited by a team of experts, this groundbreaking collection of papers serves as a point of convergence wherein all these domains need to be addressed. The various chapters are configured in order to address the challenges faced in smart grid and green energy systems from various fields and possible solutions. Valuable as a
learning tool for beginners in this area as well as a daily reference for engineers and scientists working in these areas, this is a must-have for any library.

ABOUT THE AUTHOR

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