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Altri autori (Persone)	SeethamrajuSrinivas
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Soggetti	Electric power production Energy storage Solar energy Mechanical Power Engineering Mechanical and Thermal Energy Storage Electrical Power Engineering Solar Thermal Energy
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Nota di contenuto	Transient thermal behaviour of sensible energy storage system -- Evaluation of building energy efficiency measures using statistical simulation -- Numerical analysis to optimize the corrugation angle of pentagonal corrugated absorber plate of solar air collector in an indirect solar dryer for enhanced heat transfer characteristics -- Wind power potential assessment using Reanalysis data- Case study of Indian offshore site.
Sommario/riassunto	This book presents the proceedings of the 9th edition of the International Conference on Advances in Energy Research (ICAER 2023) and delves into the research trends of energy systems in terms of generation, storage and distribution so they can become more sustainable in the future. The topics covered include conventional, non-conventional and renewable energy technologies, energy storage and conversion, energy policy, energy economics, energy efficiency and management, electric vehicles and smart grids and the social and environmental aspects of energy. The topics presented in the book are

a combination of experimental and modeling studies which include simulation, design and optimization of the systems. This proceedings volume is a compendium of the latest advances in energy research for scientific researchers, policymakers, academicians, and industry experts. It is also expected to benefit economists, rural activists, and social scientists, among others.

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