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Autore	Shahzad Muhammad Wakil
Titolo	Alternative Energies and Efficiency Evaluation
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (328 pages)
Altri autori (Persone)	SultanMuhammad DalaLaurent XuBen Bin JiangYinzhu
Disciplina	333.794
Soggetti	Renewable energy sources
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Waveform Design for Energy Efficient OFDM Transmission -- 2. Hydrogen as a Clean Energy Source -- 3. Quantitative of Mass Transfer in Liquid-Liquid Operations of Oil-Alcohol-Glycerin Systems -- 4. Exploitation of Excess Low-Temperature Heat Sources from Cogeneration Gas Engines -- 5. Perspective Chapter: Device, Electronic, Technology for a M.E.M.S. Which Allow the Extraction of Vacuum Energy Conform to Emmy Noether Theorem -- 6. Performance Evaluation of Desalination Technologies at Common Energy Platform -- 7. Contributing by Monitoring Energy Efficiency to the Development of Optimization Measures to Improve Energy Performance in an Industrial Platform -- 8. Energy Efficiency, Emissions and Adoption of Biomass Cookstoves -- 9. Energy Efficiency: The Overlooked Energy Resource -- 10. The Use of Computational Fluid Dynamics in the Analysis of Gas-Liquid-Liquid Reactors -- 11. Industrial Design Energy Efficiency and GHG Emission Reduction via Steam and Power Systems Optimization -- 12. Improve Energy Efficiency in Surface Mines Using Artificial Intelligence -- 13. Energy, Economic and Environmental (3E) Assessments on Hybrid Renewable Energy Technology Applied in Poultry Farming -- 14. The Impact of Energy Efficiency Programmes in Ghana -- 15. Optimized Energy Efficiency in a Telecommunication

Company: Machine Learning Approach.

Sommario/riassunto

Global energy demand is expected to grow 47% by 2050, with oil remaining the number one source of energy. Renewables make up 27% of the global energy mix, as predicted by the International Energy Agency (IEA). To achieve IEA's 2050 Net Zero targets, the electricity sector needs to reduce global emissions by nearly three-quarters. Even though renewables installations are expanding quickly, there is not enough to satisfy a strong rebound in global electricity demand. This will result in a sharp rise in the use of fossil fuel electricity generation that risks pushing carbon dioxide emissions. This book presents a comprehensive overview of energy efficiency, alternative energy resources, and process optimization for future sustainability.

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KICZA JOHN E; HORN, REBECCA

RESILIENT CULTURES;AMERICA'S NATIVE PEOPLES CONFRONT EUROPEAN COLONIALIZATION 1500-1800

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Indians - Government relations

Government, Resistance to - America

Indians - Cultural assimilation

Latin America Civilization Indian influences

North America Civilization Indian influences

Latin America Colonization

North America Colonization

Europe Colonies America

Inglese

Materiale a stampa

Monografia

Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

The Native Societies of the Americas Before Contact -- The Conquests and Initial Establishment of Colonies in Latin America -- Colonial Spanish America and Its Impact on the Sedentary Imperial Societies -- Spanish and Portuguese Interactions with Semisedentary and Nonsedentary Peoples -- Native Responses to Settlement in the East and Southwest in North America -- The British and the Indians of Eastern North America -- Spanish and Portuguese Interactions with Tribal Peoples -- Enduring Connections between the New World and the Old -- By Way of Conclusion: Enduring Patterns in the Americas.

Sommario/riassunto

This book provides a comparative perspective of the impact of early European colonization on the native peoples of the Americas. It covers the character of the indigenous cultures before contact, and then addresses the impact of and creative ways in which they adapted to the establishment of colonies by the Spanish, Portuguese, French, Dutch, and English. Key topics: Paying attention to environmental change, the book considers such issues as the nature of military conflicts, the cultural and material contributions of each side to the other, the importance of economic exchanges, and the demographic transformation. Market: For individuals interested in the history of colonial America, colonial Latin America, and the American Indian.