

1. Record Nr.	UNINA9910743378403321
Titolo	Advanced Energy and Control Systems : Select Proceedings of 3rd International Conference, ESDA 2020 // edited by Chandan Kumar Chanda, Jerzy R. Szymanski, Afzal Sikander, Pranab Kumar Mondal, Dulal Acharjee
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-7274-1 981-16-7273-3
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (305 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 820
Disciplina	629.8
Soggetti	Electric power production Electric machinery Automatic control Robotics Automation Wind power Electric power distribution Electrical Power Engineering Electrical Machines Control, Robotics, Automation Mechanical Power Engineering Wind Energy Energy Grids and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Industrial Scenario of Renewable Energy Based Electromobility -- Covid-19: Impact Analysis on Power Sector (A Comprehensive Review on Demand Change) -- Electricity Price Forecasting using LSTM Network and K-means clustering by considering the effect of wind power generation -- Solid waste management challenges in India -- Electrochemical conversion of CO2 into useful chemicals and PKL electricity -- Graphical Approach to Recognize Optimal Distribution

Sommario/riassunto

This book gathers selected research papers presented at the Third International Conference on Energy Systems, Drives, and Automations (ESDA 2020). It covers a broad range of topics in the fields of renewable energy, power management, drive systems for electrical machines, and automation. In a span of about a few interesting articles, effort had gone in to critically discuss about the control system, energy management and distribution in a unified approach common to electrical, Control and mechanical engineering. This book also comprehensively discusses a variety of related tools and techniques and will be a valuable resource for researchers, professionals, and students in electrical and mechanical engineering disciplines.
