

1. Record Nr.	UNINA9910791801903321
Titolo	Wind power [[electronic resource] ] : technology, economics and policies // Cedrick N. Osphey, editor
Pubbl/distr/stampa	New York, : Nova Science, c2009
ISBN	1-61324-138-0
Descrizione fisica	1 online resource (418 p.)
Collana	Renewable energy: research, development and policies series
Altri autori (Persone)	OspheyCedrick N
Disciplina	333.9/2
Soggetti	Wind power - United States Wind power
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""WIND POWER: TECHNOLOGY,ECONOMICS AND POLICIES""; ""WIND POWER: TECHNOLOGY, ECONOMICS AND POLICIES ""; ""CONTENTS""; ""PREFACE""; ""WIND POWER IN THE UNITED STATES:TECHNOLOGY, ECONOMIC, AND POLICY ISSUES*""; ""INTRODUCTION""; ""BACKGROUND""; ""The Rise of Wind""; ""Benefits and Drawbacks of Wind Power""; ""WIND RESOURCES AND TECHNOLOGY""; ""Wind Power Fundamentals""; ""Wind Resources""; ""Wind Power Technology""; ""WIND INDUSTRY COMPOSITION AND TRENDS""; ""Wind Turbine Manufacturers and Wind Plant Developers""; ""International Comparisons""; ""WIND POWER ECONOMICS""</p> <p>""Cost and Operating Characteristics of Wind Power""""Levelized Cost Comparison""; ""WIND POLICY ISSUES""; ""Siting and Permitting Issues""; ""Transmission Constraints""; ""Renewable Production Tax Credit""; ""Renewable Portfolio Standards""; ""CONCLUSIONS""; ""APPENDIX. FINANCIAL ANALYSIS METHODOLOGY AND ASSUMPTIONS""; ""END NOTES""; ""ANNUAL REPORT ON U.S.WIND POWER INSTALLATION, COST, AND PERFORMANCE TRENDS: 2007*""; ""INTRODUCTION""; ""ACRONYMS""; ""U.S.WIND POWER CAPACITY SURGED BY 46% IN 2007, WITH 5,329M WADDED AND 9 BILLION INVESTED""</p> <p>""WIND POWER CONTRIBUTED 35%OF ALL NEW U.S. ELECTRIC GENERATING CAPACITY IN 2007""""THE UNITED STATES CONTINUED TO LEAD THE WORLD IN ANNUAL CAPACITY GROWTH""; ""TEXAS EASILY EXCEEDED OTHER STATES IN ANNUAL CAPACITY GROWTH""; ""DATA</p>

FROM INTERCONNECTION QUEUES DEMONSTRATE THAT AN ENORMOUS AMOUNT OF WIND CAPACITY IS UNDER DEVELOPMENT"; "GEWIND REMAINED THE DOMINANT TURBINE MANUFACTURER, BUT A GROWING NUMBER OF OTHER MANUFACTURERS ARE CAPTURING MARKET SHARE"; "SOARING DEMAND FOR WIND SPURS EXPANSION OF U.S. WIND TURBINE MANUFACTURING"

"AVERAGE TURBINE SIZE CONTINUED TO GROW,ALBEIT AT A SLOWER PACE""THE AVERAGE SIZE OF WIND PROJECTS EXPANDED SIGNIFICANTLY"; "DEVELOPER CONSOLIDATION CONTINUED AT A TORRID PACE"; "COMFORT WITH AND USE OF INNOVATIVE FINANCING STRUCTURES INCREASED"; "IPP PROJECT OWNERSHIP REMAINED DOMINANT, BUT UTILITY INTEREST IN OWNERSHIP CONTINUED,WHILE COMMUNITY WIND FALTERED"; "THOUGH LONG-TERM CONTRACTED SALES TO UTILITIES REMAINED THE MOST COMMON OFF-TAKE ARRANGEMENT,MERCHANT PLANTS AND SALES TO POWER MARKETERS ARE BECOMING MORE PREVALENT"; "UPWARD PRESSURE ON WIND POWER PRICES CONTINUED IN 2007"

"WIND REMAINED COMPETITIVE IN WHOLESALE POWER MARKETS""PROJECT PERFORMANCE AND CAPITAL COSTS DRIVE WIND POWER PRICES"; "INSTALLED PROJECT COSTS CONTINUED TO RISE IN 2007, AFTER A LONG PERIOD OF DECLINE"; "PROJECT COST INCREASES ARE A FUNCTION OF TURBINE PRICES,AND TURBINE PRICES HAVE INCREASED DRAMATICALLY"; "WIND PROJECT PERFORMANCE HAS IMPROVED OVER TIME"; "OPERATIONS AND MAINTENANCE COSTS ARE AFFECTED BY THE AGE AND SIZE OF THE PROJECT, AMONG OTHER FACTORS"; "NEW STUDIES CONTINUED TO FIND THAT INTEGRATING WIND INTO POWER SYSTEMS IS MANAGEABLE, BUT NOT COSTLESS"

"SOLUTIONS TO TRANSMISSION BARRIERS BEGAN TO EMERGE, BUT CONSTRAINTS REMAIN"

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2. Record Nr.	UNINA9910810043703321
Titolo	Mars, planete habitable // entretien avec Alexandre Mangeot, Etienne Tellier
Pubbl/distr/stampa	Geneve [Belgium] : , : Noblishing, , 2016 ©2016
ISBN	2-88939-013-6
Descrizione fisica	1 online resource (34 pages) : color illustrations, photographs
Collana	Conquest.Space
Disciplina	629.4553
Soggetti	Space flight to Mars Mars (Planet) Bibliography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNINA9910377823503321
Titolo	Handbook of Wireless Sensor Networks: Issues and Challenges in Current Scenario's // edited by Pradeep Kumar Singh, Bharat K. Bhargava, Marcin Paprzycki, Narottam Chand Kaushal, Wei-Chiang Hong
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	9783030403058 303040305X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xiv, 716 pages) : illustrations (some color), charts
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1132
Disciplina	004.6 006.25
Soggetti	Wireless communication systems Mobile communication systems Computational intelligence Wireless and Mobile Communication Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction on Wireless Sensor Networks Issues and Challenges in Current Era -- Intelligent applications of WSN in the world: A Technological and Literary Background -- Medium Access Control Protocols For Wireless Sensor Networks -- Performance of Distance and Energy based modified threshold LEACH -- Medium Access Control Protocols for Mission Critical Wireless Sensor Networks -- QoS Routing for Data Gathering with RPL in WSNs -- An Effective Analysis and Performance Investigation of Energy Heterogeneity in Wireless Sensor Networks -- A Firefly Optimization for Maximizing the connectivity in Wireless Sensor Network -- Resource Security Monitoring System in Wireless Industrial Internet of Things -- Syloc: Hybrid Key Generation In Sensor Network -- Diffie-Hellman Algorithm Pedestal to Authenticate Nodes in Wireless Sensor Network -- Privacy Aware prevention of Sybil Attack in Vehicular Ad Hoc Networks -- Key Management Schemes in

Internet of Things: A Matrix Approach -- Black Hole Attack and Its Security Measure in Wireless Sensors Networks -- Detection and Tracking of Mobile Intruder in Harsh Geographical Terrains using Surveillance Wireless Sensor Networks -- Opportunities and Challenges with WSN's in Smart Technologies: A smart Agriculture Perspective -- Application of Supervised Learning Approach for Target Localization in Wireless Sensor Network -- A Review on Hybrid WSN-NGPON2 Network for Smart World -- Internet of Things in Forensics Investigation in Comparison to Digital Forensics -- A Review on The Artificial Intelligence Algorithms for The Recognition of Activities of Daily Living Using Sensors in Mobile Devices.

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#### Sommario/riassunto

This book explores various challenging problems and applications areas of wireless sensor networks (WSNs), and identifies the current issues and future research challenges. Discussing the latest developments and advances, it covers all aspects of in WSNs, from architecture to protocols design, and from algorithm development to synchronization issues. As such the book is an essential reference resource for undergraduate and postgraduate students as well as scholars and academics working in the field. .

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