

1. Record Nr.	UNINA9910830773203321
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Titolo	Wind energy explained [[electronic resource]] : theory, design and application // J.F. Manwell and J.G. McGowan, Anthony Rogers
Pubbl/distr/stampa	Chichester, U.K., : Wiley, 2009
ISBN	1-119-99436-5 1-282-81678-0 9786612816789 0-470-68628-6
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (705 p.)
Classificazione	ZP 3710
Altri autori (Persone)	McGowanJ. G RogersAnthony L. <1948->
Disciplina	333.92 621.31/2136
Soggetti	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	; Introduction: Modern wind energy and its origins -- Wind characteristics and resources -- Aerodynamics of wind turbines -- Mechanics and dynamics -- Electrical aspects of wind turbines -- Wind turbine materials and components -- Wind turbine design and testing -- Wind turbine control -- Wind turbine siting, system design, and integration -- Wind energy applications -- Wind energy system economics -- Wind energy systems: Environmental aspects and impacts.
Sommario/riassunto	Wind energy's bestselling textbook- fully revised. This must-have second edition includes up-to-date data, diagrams, illustrations and thorough new material on: the fundamentals of wind turbine aerodynamics; wind turbine testing and modelling; wind turbine design standards; offshore wind energy; special purpose applications, such as energy storage and fuel production. Fifty additional homework problems and a new appendix on data processing make this comprehensive edition perfect for engineering students. This book offers a

