

1. Record Nr.	UNINA9910823839403321
Titolo	Renewable energy : selected issues . Volume II // edited by Manuel Perez-Donsion, Silvano Vergura and Gianpaolo Vitale
Pubbl/distr/stampa	Newcastle upon Tyne, [England] : , : Cambridge Scholars Publishing, , 2016 ©2016
ISBN	1-4438-8997-0
Descrizione fisica	1 online resource (663 p.)
Disciplina	621.042
Soggetti	Renewable energy sources Renewable energy sources - Technological innovations
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.
Sommario/riassunto	From a scientific point of view, several challenges to renewable energy come from the intermittent nature of energy sources such as wind, solar photovoltaic and solar thermal. These problems are currently being addressed with research on power electronics converters, storage systems, Artificial Intelligence techniques, new materials and production technologies, numerical analysis techniques, among others. This research endeavours to reduce costs and find alternative energy sources that are competitive with fossil fuels. Consequently, these efforts of the scientific community will contribute to