

1. Record Nr.	UNINA9910467208403321
Titolo	Advances in energy systems : the large-scale renewable energy integration challenge / / edited by Peter D. Lund [and three others]
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2019
ISBN	1-119-50831-2 1-119-50833-9
Edizione	[1st edition]
Descrizione fisica	1 online resource (550 pages)
Disciplina	333.794
Soggetti	Renewable energy sources Power resources - Forecasting Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	A guide to a multi-disciplinary approach that includes perspectives from noted experts in the energy and utilities fields Advances in Energy Systems offers a stellar collection of articles selected from the acclaimed journal Wiley Interdisciplinary Review: Energy and Environment. The journal covers all aspects of energy policy, science and technology, environmental and climate change. The book covers a wide range of relevant issues related to the systemic changes for large-scale integration of renewable energy as part of the on-going energy transition. The book addresses smart energy systems technologies, flexibility measures, recent changes in the marketplace and current policies. With contributions from a list of internationally renowned experts, the book deals with the hot topic of systems integration for future energy systems and energy transition. This important resource: Contains contributions from noted experts in the field Covers a broad range of topics on the topic of renewable energy Explores the technical impacts of high shares of wind and solar power Offers a review of international smart-grid policies Includes information on wireless power transmission Presents an authoritative view of micro-grids Contains a wealth of other relevant topics Written for energy planners,

energy market professionals and technology developers, *Advances in Energy Systems* is an essential guide with contributions from an international panel of experts that addresses the most recent smart energy technologies.
