

1. Record Nr.	UNINA9911004822703321
Autore	Bhatia S. C
Titolo	Textbook of renewable energy
Pubbl/distr/stampa	OnixTransformation.OnixModel.CityOfPublication : , : Woodhead Publishing India, , 2018 ©2018
ISBN	9781523163540 1523163542 9789385059957 9385059955
Descrizione fisica	1 online resource (335 pages)
Collana	Woodhead Publishing India in Energy and Environment
Altri autori (Persone)	GuptaR. K
Disciplina	333.794
Soggetti	Renewable energy sources Environmental impact analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Textbook of Renewable Energy -- Contents -- Preface -- 1 Renewable Energy: An Overview -- 2 Solar Radiation and its Measurement -- 3 Solar Thermal Energy Conservation System -- 4 Solar Photovoltaic Systems -- 5 Biogas -- 6 Biomass -- 7 Biofuels -- 8 Wind Energy -- 9 Fuel Cells -- 10 Tidal Energy -- 11 Hydrogen Energy -- 12 Magneto Hydro Dynamic Power Generation -- 13 Geothermal Energy -- 14 Ocean Thermal Energy Conversion -- 15 Renewable Energy Applications in Developing Smart Cities -- 16 Environmental Aspects of Electrical Energy Generation -- Glossary -- References -- Index.
Sommario/riassunto	Provides an introduction to renewable energy. Coverage includes renewable energy sources, solar radiation and its measurement, solar thermal energy conversion systems, solar photovoltaic systems, biogas, biomass, biofuels, wind energy, fuel cells, tidal energy, hydrogen energy, geothermal energy, and ocean thermal energy conversion.