

1. Record Nr.	UNINA9910688593203321
Titolo	Microgrids and Local Energy Systems // edited by Nick Jenkins
Pubbl/distr/stampa	London : , : IntechOpen, , 2021 ©2021
Descrizione fisica	1 online resource (xii, 204 pages) : illustrations
Disciplina	621.31
Soggetti	Microgrids (Smart power grids) Power resources Electric power systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	This book addresses important topical questions of microgrids and local energy systems. It begins with an investigation of the electrical protection of microgrids followed by a study of the power converters used and the utilization of multi-objective optimization for the selection of component ratings. Subsequent chapters address peer-to-peer energy trading in microgrids, local district heating and cooling systems, neighborhood generators used to supplement the utility electricity supplies in Iraq, and regulatory impediments to micro-wind generation in the United States.