

1. Record Nr.	UNINA9910461806503321
Autore	Madrigal Marcelino
Titolo	Transmission expansion for renewable energy scale-up [[electronic resource] ] : emerging lessons and recommendations // Marcelino Madrigal and Steven Stoff
Pubbl/distr/stampa	Washington D.C., : World Bank, 2012
ISBN	1-280-78303-6 9786613693426 0-8213-9601-3
Descrizione fisica	1 online resource (170 p.)
Collana	World Bank study
Altri autori (Persone)	StoffSteven
Disciplina	621.319
Soggetti	Renewable energy sources Electronic books.
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.
Nota di contenuto	Foreword -- Acknowledgments -- Executive summary -- Acronyms and abbreviations -- The need to address transmission issues when scaling up renewable : emerging planning and pricing practices -- Introduction -- Transmission cost allocation and pricing -- Proactive planning and other institutional arrangements to expand transmission for renewable energy -- Renewable transmission development : economic principles -- Transmission and renewable energy, the basic trade-off -- Economic principles on transmission planning -- Economic principles of transmission pricing -- Appendix A: Investment assessment by jurisdiction -- Appendix B: Review of connection cost allocation and network infrastructure pricing methodologies -- Appendix C: Topics on transmission planning: reliability criteria and new tools -- Bibliography.
Sommario/riassunto	In their efforts to increase the share of renewable in electricity grids to reducing emissions or increasing energy diversity, developed and developing countries are finding that a considerable scale-up of investments in transmission infrastructures will be necessary to achieve their goals. Renewable energy resources such as wind, solar, and hydro power, tend to be sited far from existing electricity grids and

consumption centers. Achieving desired supply levels from these sources requires that networks be expanded to reach many sites and to ensuring the different supply variation patterns of

---