

1. Record Nr.	UNINA9910830917503321
Autore	Makansi Jason
Titolo	Lights out [[electronic resource]] : the electricity crisis, the global economy, and what it means to you // Jason Makansi
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2007
ISBN	1-119-19759-7 1-281-00238-0 9786611002381 0-470-17430-7
Descrizione fisica	1 online resource (322 p.)
Disciplina	333.793 333.7932 333.79320973
Soggetti	Electric utilities - United States
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 (p. 283-289) and index.
Nota di contenuto	Preface -- Acknowledgments -- The worst-case scenario -- Night of the living dead -- The production and delivery value chain -- Around the world, around town -- Preventing the worst case -- Insecurities, vulnerabilities, and an uneasy state of the industry -- Why a first-world country has a third-world grid -- Living with a transaction economy -- The brain drain -- Environmental imperatives -- Houston, we have a problem -- The impact of lengthening supply lines : how elastic are they? -- Fighting "the last war," planning the next one -- It's that '70s show -- Sticker shock (without the sticker) -- Electricity storage -- Coal : extracting its full value -- Exercising the nuclear option -- Savvy consumption, empowering ratepayers -- Distributed power -- Redefining the grid with real intelligence -- The rest of the world -- A vision for the future: daydream, nightmare, or a good night's rest? -- Postscript: personal accountability -- Bibliography -- About the author -- Index.
Sommario/riassunto	A behind-the-scenes exposure why our electricity system is headed for a state of emergency-and what can be done to head it off Most people don't realize that skyrocketing global energy demand and economic

growth severely affect the supply of electricity. Between production (power plants) and delivery is an antiquated, "third-world" transmission grid that is in desperate need of hardening against breakdowns, terrorist attacks, inadequate carrying capacity, and operational obsolescence. And while electricity doesn't hold the headlines or dramatic power of oil, the ability to ensure its unit
