Record Nr. UNINA9910741165803321 Integrated resource strategic planning and power demand-side **Titolo** management / / Zhaoguang Hu, Xinyang Han, Quan Wen et al Pubbl/distr/stampa Heidelberg;; New York,: Springer,: China Electric Power Press, c2013 **ISBN** 3-642-37084-5 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (xx, 576 pages): illustrations (some color) Collana Power systems, , 1612-1287 Altri autori (Persone) HuZhaoguang HanXinyang WenQuan Disciplina 333,7932007 Soggetti Power resources Strategic planning Demand-side management (Electric utilities) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "ISSN: 1612-1287." Nota di bibliografia Includes bibliographical references. Nota di contenuto Basic Theory of Integrated Resource Strategic Planning (IRSP) -- Basic Theory of Demand-side Management (DSM) -- The Director of Demand-side Management (DSM) -- Government -- The Implementers of Demand-side Management (DSM) --- Power Grid Enterprises -- The Backbone of DSM Implementation — Energy Service Companies (ESCOs) -- The Important Participants in Demand-side Management (DSM) ---Power Consumers -- The Prospects of Demand-side Management (DSM) -- Introduction to a Demand-side Management (DSM) Laboratory. Sommario/riassunto Integrated Resource Strategic Planning and Power Demand-Side Management elaborates two important methods - Integrated Resource Strategic Planning (IRSP) and Demand Side Management (DSM) - in terms of methodology modeling, case studies and lessons learned. This book introduces a prospective and realistic theory of the IRSP method and includes typical best practices of DSM for energy conservation and emission reduction in different countries. It can help energy providers and governmental decision-makers formulate policies and make plans for energy conservation and emission reduction, and can help power

consumers reduce costs and participate in DSM projects. Zhaoguang Hu

is the vice president and chief energy specialist at the State Grid Energy Research Institute, and the head of the Power Supply and Demand Research Laboratory in China.