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Soggetti	Energy storage Water Hydrology Mathematical optimization Energy policy Energy and state Electric power production Mechanical and Thermal Energy Storage Optimization Energy Policy, Economics and Management Electrical Power Engineering Mechanical Power Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	Blackbox optimization for chance constrained hydro scheduling problems -- Evaluating approaches for estimating the water value of a hydropower plant in the day-ahead electricity market -- Coordinated hydropower bidding in the day-ahead and balancing market -- Inflow forecasting for hydropower operations: Bayesian model averaging for postprocessing hydrological ensembles -- Benchmarking hydro operation by use of a simulator -- Optimal pricing of production changes in cascaded river systems with limited storage -- Implied efficiency curves from analysis of operational patterns -- Norway as a

battery for the future European power system – comparison of two different methodological approaches.

Sommario/riassunto

This book includes a collection of research articles presented at the “6th International Workshop on Hydro Scheduling in Competitive Electricity Markets”. The workshop was a unique and intimate forum for researchers and practitioners to present state-of-the-art research and development concerning novel methodological findings, best practices and real-life applications of hydro scheduling. It also provided a platform for discussing the developments that are taking place in the industry, sharing different experiences and discussing future trends related to this area. This proceedings book is a collection of the most relevant, high-quality articles from the workshop. Discussing the state-of-the-art in the field of hydro scheduling, it is a valuable resource for a wide audience of researchers and practitioners in the field now and in the interesting and challenging times ahead.
