

Accepted Manuscript

Research papers

Study on optimization of the short-term operation of cascade hydropower stations by considering output error

Liping Wang, Boquan Wang, Pu Zhang, Minghao Liu, Chuangang Li

PII: S0022-1694(17)30220-2

DOI: <http://dx.doi.org/10.1016/j.jhydrol.2017.03.074>

Reference: HYDROL 21931

To appear in: *Journal of Hydrology*

Received Date: 5 January 2017

Revised Date: 29 March 2017

Accepted Date: 31 March 2017

Please cite this article as: Wang, L., Wang, B., Zhang, P., Liu, M., Li, C., Study on optimization of the short-term operation of cascade hydropower stations by considering output error, *Journal of Hydrology* (2017), doi: <http://dx.doi.org/10.1016/j.jhydrol.2017.03.074>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Article

Study on optimization of the short-term operation of cascade hydropower stations by considering output error

Liping WANG ^a, Boquan WANG ^{a*}, Pu ZHANG ^b, Minghao LIU ^a,
Chuangang LI ^a

a School of Renewable Energy, North China Electric Power University, 2 Beinong Rd, Changping, Beijing, P. R. China, 102206;
liping_w@163.com (L.W.); lake sea123@163.com (B.W.);
919373301@qq.com (M.L.); 1481496706@qq.com (C.L.).

b School of Economic and Management, North China Electric Power University, 2 Beinong Rd, Changping, Beijing, P. R. China, 102206;
zhpu17@163.com

*Correspondence: lake sea123@163.com

Abstract: The study of reservoir deterministic optimal operation can improve the utilization rate of water resource and help the hydropower stations develop more reasonable power generation schedules. However, imprecise forecasting inflow may lead to output error and hinder implementation of power generation schedules. In this paper, output error generated by the uncertainty of the

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات