

## Accepted Manuscript

Optimal operation of a CHP plant participating in the German electricity balancing and day-ahead spot market

Nadine Kumbartzky, Matthias Schacht, Katrin Schulz, Brigitte Werners

PII: S0377-2217(17)30111-X  
DOI: [10.1016/j.ejor.2017.02.006](https://doi.org/10.1016/j.ejor.2017.02.006)  
Reference: EOR 14242



To appear in: *European Journal of Operational Research*

Received date: 23 December 2015  
Revised date: 3 February 2017  
Accepted date: 6 February 2017

Please cite this article as: Nadine Kumbartzky, Matthias Schacht, Katrin Schulz, Brigitte Werners, Optimal operation of a CHP plant participating in the German electricity balancing and day-ahead spot market, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.02.006](https://doi.org/10.1016/j.ejor.2017.02.006)

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.

**Highlights**

- Concept to increase profitability of operating a combined heat and power plant.
- Illustrating the economic potential of trading in multiple electricity markets.
- Multistage stochastic model considers the chronological sequence of decisions.
- Presenting a mathematical formulation for bidding in a pay-as-bid market.
- Proposed concept is applied to a real municipal energy supply company.

ACCEPTED MANUSCRIPT

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

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