

# Accepted Manuscript

Flattening the electricity consumption peak and reducing the electricity payment for residential consumers in the context of smart grid by means of shifting optimization algorithm

Simona Vasilica Oprea, Adela Bâra, George Ifrim

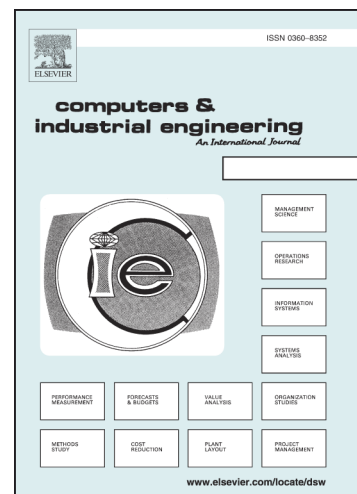
PII: S0360-8352(18)30261-4  
DOI: <https://doi.org/10.1016/j.cie.2018.05.053>  
Reference: CAIE 5259

To appear in: *Computers & Industrial Engineering*

Received Date: 1 January 2018  
Revised Date: 16 April 2018  
Accepted Date: 29 May 2018

Please cite this article as: Vasilica Oprea, S., Bâra, A., Ifrim, G., Flattening the electricity consumption peak and reducing the electricity payment for residential consumers in the context of smart grid by means of shifting optimization algorithm, *Computers & Industrial Engineering* (2018), doi: <https://doi.org/10.1016/j.cie.2018.05.053>

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.



**Flattening the electricity consumption peak and reducing the electricity payment for residential consumers in the context of smart grid by means of shifting optimization algorithm**

Simona Vasilica Oprea<sup>1</sup>, Adela Bâra<sup>1</sup>, George Ifrim<sup>2</sup>

<sup>1</sup>The Bucharest University of Economic Studies, no. 6 Piața Romană, Bucharest, Romania

<sup>2</sup>“Dunărea de Jos” University, Department of Automatic control and Electrical Engineering, no.

47 Domnească, Galați, Romania

[simona.oprea@csie.ase.ro](mailto:simona.oprea@csie.ase.ro), [bara.adela@ie.ase.ro](mailto:bara.adela@ie.ase.ro), [george.ifrim@ugal.ro](mailto:george.ifrim@ugal.ro),

Download English Version:

<https://daneshyari.com/en/article/7540947>

Download Persian Version:

<https://daneshyari.com/article/7540947>

[Daneshyari.com](https://daneshyari.com)