International Journal of Energy Optimization and Engineering

April-June 2015, Vol. 4, No. 2

Table of Contents

Research Articles

1 Assessment and Enhancement of the Energy Supply System Efficiency with Emphasis on the Cogeneration and Renewable as Main Directions for Fuel Saving

Sergey V. Zharkov, Melentiev Energy Systems Institute, Siberian Branch of the Russian Academy of Sciences, Irkutsk, Russia

22 Automatic Generation Control of Interconnected Power System using Cuckoo Optimization Algorithm Shanchari Laik, Department of Electrical Engineering, Bengal College of Engineering and Technology for Women, Durgapur, India

Shatabdi Dey, Department of Electrical Engineering, Bengal College of Engineering and Technology for Women, Durgapur, India

Puja Das, Department of Electrical Engineering, Dr. B. C. Roy Engineering College, Durgapur, India Sneha Sultana, Department of Electrical Engineering, Dr. B.C. Roy Engineering College, Durgapur, India Sourav Paul, Department of Electrical Engineering, Dr. B.C. Roy Engineering College, Durgapur, India Provas Kumar Roy, Department of Electrical Engineering, Jalpaiguri Government Engineering College, Jalpaiguri, India

- 36 **Stability Enhancement in Multi-Machine Power Systems by Fuzzy-based Coordinated AVR-PSS** Rahmat Khezri, Department of Electrical and Computer Engineering, University of Kurdistan, Sanandaj, Iran Hassan Bevrani, Department of Electrical and Computer Engineering, University of Kurdistan, Sanandaj, Iran
- 51 Optimal Design of Single Machine Power System Stabilizer using Chemical Reaction Optimization Technique Sourav Paul, Department of Electrical Engineering, Dr. B.C. Roy Engineering College, Durgapur, India Provas Kumar Roy, Department of Electrical Engineering, Dr. B.C. Roy Engineering College, Durgapur, India

70 Pyrolysis of Waste Printed Circuit Board Particles

Sule Atasever, Department of Chemistry, Ankara University, Ankara, Turkey Pinar A. Bozkurt, Department of Chemistry, Ankara University, Ankara, Turkey Muammer Canel, Department of Chemistry, Ankara University, Ankara, Turkey

Copyright

The International Journal of Energy Optimization and Engineering (IJEOE) (ISSN 2160-9500; eISSN 2160-9543), Copyright © 2015 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Energy Optimization and Engineering* is indexed or listed in the following: Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; IAOR Online; IndexCopernicus; INSPEC; JournalTOCs; MediaFinder; RePEc; The Standard Periodical Directory; Ulrich's Periodicals Directory