Acceptance Rate (for the years 2013 and 2014): 26.75%
Acceptance Rate = C/D where: C = the number of accepted papers, D= the number of submitted papers. Withdrawn Papers are not considered for the numbers C and D.

Editorial Board:

Editor-in-Chief
Professor Eduardo Mario Dias
Electrical Energy and Automation
Engineering Department / Escola Politecnica da Universidade de Sao Paulo
BRAZIL

Associate Editors:
Prof. Germano Lambert-Torres, Itajuba, MG, Brazil

Prof. Edoardo Fiorucci, University of L’Aquila, L’Aquila, Italy

Prof. Cornelia Aida Bulucea, University of Craiova, Craiova, Romania

Prof. Lambros Ekonomou, City University London, UK

Prof. Frangiskos V. Topalis, National Technical University of Athens, Greece

Prof. George J. Tsekouras, Hellenic Naval Academy, Greece

Prof. Jiri Klima, Technical faculty of CZU in Prague, Czech Republic

Prof. Ioannis F. Gonos, National Technical University of Athens, Greece

Prof. Igor Kuzle, Faculty of electrical engineering and computing, Zagreb, Croatia

Prof. Mario Luiso, Second University of Naples, Naples, Italy

Prof. Valeri Mladenov, Technical University of Sofia, Sofia, Bulgaria

Dr. Fabrizio Ciancetta, University of L’Aquila, L’Aquila, Italy
Topics:

Articles:

Evolutionary Programming for Reactive Power Planning Using FACTS Devices
Authors: Biplab Bhattacharyya, Vikash Kumar Gupta, S. Das

Monitoring of Photovoltaic Wind-Turbine Battery Hybrid System
Authors: Mohamed Zahran, Ali Yousef

Feasible Positioning of Super Conducting Fault Current Limiters for Wind Farm intermittency and Fault currentReduction in a Smart Power System
Authors: Sujil A., Rajesh Kumar

Load Flow Solution for Unbalanced Radial Power Distribution using Monte-Carlo Simulation
Authors: Mini Thomas, Rakeshranjan, Roma Raina

Maintenance Scheduling of Thermal Power Units in Electricity Market
Authors: Adnan Muharemovic, Smajo Bisanovic, Mensur Hajro

An Approach for Transmission Usage & Loss Allocation by Graph Theory
Authors: Baseem Khan, Ganga Agnihotri

Hybrid BFOA-PSO Approach for Optimal Design of SSSC Based Controller
Authors: E. S. Ali, S. M. Abd-Elazim
Computation of Time Delay Margins for Stability of a Single-Area Load Frequency Control System with Communication Delays
Authors: Şahin Sönmez, Saffet Ayasun, Ulaş Eminoğlu

A Sensorless Control Strategy for IPMSM based Electric Power Steering Systems
Authors: Giacomo Scelba, Salvatore De Caro, Antonio Testa, Giuseppe Scarcella, Mario Cacciato

PI and Sliding Mode Control of a Multi-Input-Multi-Output Boost-Boost Converter
Authors: Zengshi Chen, Weiwei Yong, Wenzhong Gao

New Algorithms for Removal of DC Offset and Subsynchronous Resonance terms in the Current and Voltage Signals under Fault Conditions
Authors: Kamalesh Kumar Sharma

A Modified Perturb and Observe Maximum Power Point Tracking Technique for Single-Stage Grid-Connected Photovoltaic Inverter
Authors: M. Quamruzzaman, K. M. Rahman

Computation of Ancillary Service Requirement Assessment Indices for Load Frequency Control in a Restructured Power System using SMES Unit
Authors: N. D. Sridhar, I. A. Chidambaram

Improved FOC of Induction Motor with Online Neural Network
Authors: Azuwien Aida Bohari, Wahyu Mulyo Utomo, Zainal Alam Haron, Nooradzianie Muhammad Zin, Sy Yi Sim, Roslina Mat Ariff

Stability of Multi-Machine Power System by used LQG Controller
Authors: Ahmed Said Oshaba

An Efficient BFO Algorithm for Self Tuning Pi-Controller Parameters for Shunt Active Power Filter
Authors: P. Saravanan, P. A. Balakrishnan

Hybrid Shunt Active Filter: Impact of the Network’s Impedance on the Filtering Characteristic
Authors: C. Benoudjafer, C. Benachaiba, A. Saidi

Transient Stability Assessment of Power Systems Based on KPCA and Gaussian Process
Authors: Yang Li, Xueping Gu

Bacteria Foraging: A New Technique for Speed Control of DC Series Motor Supplied by Photovoltaic System
Authors: A. S. Oshaba, E. S. Ali

Influx of Random Variables in the Unit Commitment Problem
Authors: P. C. Thomas, P. A. Balakrishnan
Power Disturbance Analysis via Discrete Wavelet Transform
Authors: Chau-Shing Wang

Synoptic Approach of Synchronous Generator on Disconnection Processes in Electric Power Systems Comprising Generator Circuit Breakers
Authors: Cornelia A. Bulucea, Marc A. Rosen, Doru A. Nicola, Nikos E. Mastorakis, Carmen A. Bulucea

Real World Maximum Power Point Tracking Based on Fuzzy Logic Control
Authors: Ahmed M. Othman, Mahdi M. El-Arini, Ahmed Fathy

FUZZY Logic Based Space Vector PWM Controlled Hybrid Active Power Filter for Power Conditioning
Authors: Jarupula Somlal, Mannam Venu Gopala Rao

Economic/Environmental Power Dispatch for Power Systems Including Wind Farms
Authors: Imen Ben Jaoued, Tawfik Guesmi, Yosra Welhazi, Hsan Hadj Abdallah

Congestion Management in Deregulated Power System by Fuzzy Based Optimal Location and Sizing of UPFC
Authors: Uma. V, P.Lakshmi, J. D. Anunciya

Improving the Quality of Energy Using Phase Shifting Transformer PST
Authors: Khelfi Abderrezak

Comparative Advantages Using Solar and Wind Energy in Hybrid Systems at the Same Site
Authors: Ajla Merzic, Mustafa Music, Elma Redzic, Damir Aganovic

Adaptive Fuzzy Sliding Mode Control of Variable Speed Wind Turbine for Maximum Power Extraction
Authors: R. Saravanakumar, Debashisha Jena

Short-Circuit - Analysis and Calculation
Authors: Peter Janiga, Žaneta Eleschová, Dominik Viglaš

Power Source Unit of a Small Airship
Authors: Martin Pospisilik

Calculation of Magnetic Field Produced by OHTL under Normal and Abnormal Conditions
Authors: Nagat M. K. Abdel-Gawad, Adel Z. El Dein, Mohamed Magdy

Electric Vehicle Charger – Analysis and Measuring
Authors: Peter Janiga, Martin Liška, Dominik Viglaš, Boris Cintula
**Bottom-up Reliability Analysis of a Base Load Diesel Engine Driven Electric Power Unit**
Authors: E. C. Nasioulas, G. J. Tsekouras, F. D. Kanellos

**Thermal Analysis and Cost Estimation of Stirling Cycle Engine**
Authors: Ana C. Ferreira, Manuel L. Nunes, Luís B. Martins, Senhorinha F. Teixeira

**Comparison of Parallel Metaheuristics for Flux Optimization for Induction Motor**
Authors: Vincent Roberge, Mohammed Tarbouchi

**Modelling of Fixed Speed Squirrel Cage Induction Generators for Small Signal Stability Assessment**
Authors: Bhinal Mehta, Praghnesh Bhatt, Vivek Pandya

**Speed Control of Switched Reluctance Motor Fed by PV System Using Ant Colony Optimization Algorithm**
Authors: A. S. Oshaba, E. S. Ali, S. M. Abd Elazim

**Symmetrical Components Definition and Analyze for Power Electronic Converters in Non-Sinusoidal Conditions**
Authors: Majid Nayeripour, M. Mahdi Mansouri

**Towards an Accurate Modeling of Frequency-Dependent Wind Farm Components under Transient Conditions**
Authors: M. A. Abd-Allah, Mahmoud N. Ali, A. Said

**A Novel Analytical Study on Voltage Instability Mitigation Using Multiple Severity Functions by Optimal Placement of SVC in N-2 Contingency Analysis Using Gravitational Search Algorithm**
Authors: S. P. Mangaiyarkarasi, T. Sree Renga Raja

**Control of Series HVDC Bridges with Different Firing Angles**
Authors: Hussein. D. Al-Majali, Sulaiman. M. Al-Dhalaan

**Power System Stability Enhancement via New Coordinated Design of PSSs and SVC**
Authors: Ali E. S., Abd-Elazim S. M.

**Power Quality Expansion for Grid Connected Wind Power System using Permanent Magnet Synchronous Generator and Trans-Z Source Inverter**
Authors: E. Rajendran, C. Kumar

**Hybrid PSO-ANN Application for Improved Accuracy of Short Term Load Forecasting**
Authors: A. G. Abdullah, G. M. Suranegara, D. L. Hakim

**Observer-Based Stabilizer of A Single Machine Power System with Lossy Transmission Line**
Authors: A. A. Abouelsoud, Abdullah Al-Odienat, Hany Abdelfattah
Optimal Location of Thyristor Controlled Series Capacitor for reduction of Transmission Line losses using BAT Search Algorithm

Authors: B. Venkateswara Rao, G. V. Nagesh Kumar

Implementation of a MPPT Neural Controller for Photovoltaic Systems on FPGA Circuit

Authors: Naoufel Khaldi, Hassan Mahmoudi, Malika Zazi, Youssef Barradi

Prediction of Egyptian 500 kV Overhead Transmission Lines Radio-Interference by Using the Excitation Function

Authors: Adel Z. El Dein

Effect of CaO, Al2O3 and Fe2O3 in Coal Ash on the Retention of Acid-Forming Elements During Coal Combustion

Authors: Lucie Bartoňová

Addressing the Sustainable Energy Conversion in Electric Railway Vehicles with Traction Synchronous Motors

Authors: Cornelia A. Bulucea, Doru A. Nicola, Daniel C. Cismaru, Nikos E. Mastorakis, Carmen A. Bulucea, Constantin Brindusa