

INTERNATIONAL JOURNAL ON POWER SYSTEM OPTIMIZATION



Volume 8 ♦ Number 2 ♦ July-December 2016

CONTENTS

7

325

- An Energy Management System for Optimal Operation of Smart Grids ----- 49-58
♦ **Pierluigi Siano**
- Evaluation of the Optimal Number of Wind Turbines in a Wind Farm Using the
Downhill Simplex Optimization Method ----- 59-62
♦ **P. Karampelas, L. Ekonomou, G.P. Fotis and V. Vita**
- Optimal PMU Placement for Power System Observability ----- 63-67
♦ **Almoataz Y. Abdelaziz, Amr M. Ibrahim, and Reham H. Salem**
- A Genetic Algorithm Based Approach for Optimal Location of TCSC Devices
Considering System Loadability ----- 69-74
♦ **A. Y. Abdelaziz, M. A. El-Sharkawy, and M. A. Attia**
- Analysis of Strong Resonance in Power Systems with SSSC Supplementary
Modulation Controller ----- 75-83
♦ **T. R. Jyothsna, and K. Vaisakh**
- Investment Grading Audit of Pumping Machinery at Mindi, One of the Water Treatment
Plants of Visakhapatnam City- A Case Study ----- 85-93
♦ **V. Chandraiah, B. Lakshmi Pathi, and V. Mahamood**
- Artificial Bee Colony Power System Stabilizer ----- 95-102
♦ **Amit Shrivastava, Manisha Dubey and Yogendra Kumar**