

Table of Contents

Volume 5 Number 1

January 2017

Reluctance Network Analysis for Complex Coupled Inductors

J. Penttonen, M. Shafiq, M. Lehtonen.....1

Photovoltaic Power Potential Analysis in Equator Territorial: Case Study of Makassar City, Indonesia

M. A. Sihotang, K. Okajima.....15

Comparison between SiC- and Si-Based Inverters for Photovoltaic Power Generation Systems

Y. Ando, Y. Shirahata, T. Oku, T. Matsumoto, Y. Ohishi, M. Yasuda,
A. Shimono, Y. Takeda, M. Murozono.....30

Secure Operation and Optimal Generation Scheduling Considering Battery Life for an Isolated Northwest Grid of Saudi Arabia

H. Albalawi, K. Balasubramaniam, E. Makram.....41

Results in Sizing and Simulation of PV Applications Based on Different Solar Cell Technologies

A. Diaconu, L. Fara, P. Sterian, D. Craciunescu, S. Fara.....63

Assessment of Initial Investment Valuation Methodology of Brazilian Power Transmissions Auction

A. L. V. Gimenes, R. B. Heideier, M. E. M. Udaeta, M. A. Saidel.....75

Analysis of Status of Photovoltaic and Wind Power Abandoned in China

S. M. Li, J. Wang, Q. Liu, L. Y. Li, Y. P. Hua, W. Liu.....91