International Journal of Smart Grid and Clean Energy

CONTENTS

Volume 5, Number 3, July 2016

Clean Energy
Assessment of potential biogas production from rice straw leachate in upflow anaerobic sludge blanket reactor (UASB)
Nurul Shafiqah Rosli, S. Idrus, Nik Daud N., and A. Ahsan
Application of the combined model in short-term wind power forecasting
Liu Shijiana, Han Yongjunb, and Liu Fuchao
Potentiometry of wind power of the regions of northwest of Iran and generation of 10 kw/r electric power by the use of wind energy at the height of 3475m
Majid Azimi, Seyed Sajad Mirjavadib, and Erfan Vahedian
Validation of predictive models to estimate annual PV production: A case study of odisha····· 160
Rakesh Kumar Tarai and Paresh Kale
Practical implementation of the on-board solar photovoltaic for the passenger transportation 168
Sulaiman Khana, Syed Hussain Imranb, Mushtaq Khanb, and Numan Khan
Petroleum
Experimental study of wax deposition in pipeline – effect of inhibitor and spiral flow
Composition distribution and characteristic of a typical commercial gasoline in market 182 <i>Li Na, Guo Xin, Tao Zhiping, and Long Jun</i>
Power System
Household electricity load disaggregation based on low-resolution smart meter data 188 Hiroshi Chin, Kenji Tanaka, and Abe Rikiya
Saving Energy Technology
Investigation on the operation status of a user-side thermal facility of Korean district heating system by using exergy analysis method
Chan Lee, Bo Yeon Chang, Hoon Kimb, Hyung Woo Parkb, and Shin Young Lim
Geographic decision support systems to optimize the placement of distributed energy resources 202
Vivian Sultan, Hind Bitar, and Brian Hilton