## **Journal of Clean Energy Technologies**

## **CONTENTS**

## Volume 5, Number 3, May 2017

• Electrical Energy
Optimal Operation of a CCHP Microgrid Using Interval Mixed-Integer Linear Programming
Deposition of Pt and Pt-Ru Nanoparticles on RuO <sub>2</sub> .xH <sub>2</sub> O Using Microwave Method for Direct Methanol Fuel Cells
A Study on SSO Restraint and Coordination Control under Rapid Development of Clean Energy
Economic Analysis of Coal Gasification Plant for Electricity and Thermal Energy Supplies in Indonesia19.  Prima Zuldian, Suneerat Fukuda, and M. Djoni Bustan
• Solar Energy
Cost Power Curtailment Analysis for Optimum PV Size and the Energy Potential for the Desalination Plant on the Island Distribution System
Cheng-Ting Hsu, Roman Korimara, Tsun-Jen Cheng, Lian-Jou Tsai, and Hung-Ming Huang
Numerical Investigation of Solar Enhanced Passive Air Cooling System for Concentration Photovoltaic Module Heat Dissipation
Zheng Zou, Hengxiang Gong, Jingshu Wang, and Shilie Xie
The Power Output and Capacity Configuration Method of Hybrid Energy Storage Systems Considering the Confidence Level of PV Fluctuation
Modeling of Dust Deposition Affecting Transmittance of PV Modules
Energy and Exergy Analysis of Solar Triple Effect Refrigeration Cycle
• Wind Energy
The Prediction of Wind Power Generation: A Case Study in South Korea
Outdoor Performance of Micro Scale Wind Turbine Stand alone System
WinDam: A Novel Airborne Wind Turbine
Ken Nagasaka, Amin Amini, and Mohammad Mehdi Vaez Momeni

## • Clean Energy Technology

$Retrofitting \ a \ CO_2 \ Capture \ Unit \ with \ a \ Coal \ Based \ Power \ Plant, \ Process \ Simulation \ and \ Parametric \ Study$	248
Sukanta Kumar Dash and Leena H. Wadibhasme	
An Experimental Study of the Effects of Camelina Sativa Biodiesel-Diesel Fuel on Exhaust Emissions in a	
Turbocharged Diesel Engine	.254
Hasan Aydogan, A. Engin Ozcelik, and Mustafa Acaroglu	
Energy Management	
Progress and Prospects of Shale Gas Exploration and Development in Sichuan, China	.258
Zhicheng Liu, Shaoyong Hu, Fabin Li, and Ming Jing	
Energy Revolution Path Based on Main Functional Region Planning	.263
Xiaoqing Yan, Xinting Huang, and Shengyu Wu	