

Paper Session IV Wednesday, March 9th, 2016 1:20 pm-3:20 pm Grand Ballroom C
Dispatch, Emissions & Management Systems

Chair: *Ali T. Awami (King Fahd University of Petroleum & Minerals, Saudi Arabia)*

Co-chair: *Dr. Rajendra Singh (Clemson University, USA)*

1:20-1:40: Comparative Study of FPA, Improve PSO, BA & CSA for Economic Dispatch & Loss Minimization in a Highly Stressed Large Power System

K.S. Pandya, D. A. Dabhi (Charusat University, India)

1:40- 2:00: A Study of EPA GHG Emissions Standards for Existing Power Plants in WECC Region

Haneen Abrub, Saurav MS Basnet, Ward Jewell (Wichita State University, USA)

2:00-2:20: Dynamic Loads and Micro-Generation Method for a House Management System

Filipe Fernandes, Hugo Morais, Valdomiro Vega Garcia (University of Sao Paulo, Portugal), Kuis Gomes, Zita Vale (Polytechnic Institute of Porto, Portugal), Nelson Kagan (University of Sao Paulo, Portugal)

2:20-2:40: Solar Farm Hourly Dispatching using Super-Capacitor and Battery System

Jordan Chaires, H. Bora Karayaka, Yanjun Yan, Patrick Gardner (Western Carolina University, USA)

2:40-3:00: Load Anticipation Feature and Its Tuning Method for a Diesel Generating Set

Kiyong Kim, Jeff Burnworth (Basler Electric Company, USA)

3:00-3:20: A Decentralized, Renewable-Energy Powered Business Hub for Rural Areas: A Case Study of Ilakan Community, Nigeria

C. D. Nina, A. O. Gbadegesin (Energy Commission of Nigeria, Nigeria), K. O. Lawal (Abubakar Tafawa Balewa University, Nigeria)