

Paper Session F – M III: Power System Voltage Control: Friday, September 7th, 2018

When: 10:30 am-12:10 am

Where: Ballroom C1

Chair: John P. Stubban, Boise State University, USA

Co-Chair: Arash Asrari, Southern Illinois University, USA

[1] 10.30 am – 10.50 am: A Fast AC Power Flow Model Based Distribution Voltage Regulation

Sultan Hakmi, Visvakumar Aravinthan (Wichita State University, USA)

[2] 10.50 am – 11.10 am: Voltage and Frequency Control of PV, Micro-hydro and Biomass Based Islanded Microgrid

Khuram Shahzad, Azmat Rashid Khan, Muhammad Shoaib Khalid, Affaq Qamar (University of Engineering and Technology, Pakistan)

[3] 11.10 am – 11.30 am: Conservation by Voltage Reduction Using a Single Phase Residential Static VAR Compensator

John P. Stubban, Said Ahmed-Zaid, M. Kamran Latif (Boise State University, USA)

[4] 11.30 am – 11.50 am: Screen Wash Pump Power System Study – An Industrial Project for Hines Energy Complex

Arash Asrari, Benito Ramos (Southern Illinois University, Phasor Engineering LLC, USA)

[5] 11.50 am – 12.10 pm: Hierarchical Mechanism of Voltage Instability with Active Distribution Networks

Gonzalo Constante, Jiankang Wang (Ohio State University, USA)