

2015 IEEE PES General Meeting

Denver, CO

July 26-30, 2015

Panel: Experiences in Incorporating PMUs in Power System State Estimation

- **Committee: Power System Operations**
- **Chair 1: Lamine Mili, Virginia Tech**
- **Chair 2: Ali Abur, Northeastern University**
- **Summary**

Presentations address a broad spectrum of topics ranging from PMU implementation issues and solutions to three-phase state estimation and international experiences in the US, Brazil and China. It is intended to initiate further discussion and work towards resolution of outstanding problems as well as to disseminate recent results for the PES community.

- **Virgilio Centeno**, Virginia Tech
PMU Implementation Issue
- **Ali Abur**, Northeastern University
Use of PMUs in WLS and LAV based state estimation
- **Yacine Chakhchoukh**, Tokyo Institute of Technology
Enhancing Power System State Estimation by Integrating
PMU Measurement Buffer Length and Correlation
- **Kevin Jones**, Dominion Virginia Power
Experiences with PMU-based Three-phase State Estimator at
Dominion Virginia Power

- **Robson Pires**, Federal University of Itajuba
Installation of PMU for Improving the Supervision of Interconnected Brazilian Transmission System
- **Boming Zhang**, Tsinghua University
Incorporating PMUs in Power System State Estimation for Smart Grid EMS