



IEEE FOOTHILL SECTION POWER AND ENERGY SOCIETY TECHNICAL PRESENTATION

The PES Foothill and Cal Poly Pomona Student Chapter are pleased to
Sponsor an evening of discussion, networking, and refreshments

TOPIC: Synchronized Phasor Measurement System Technologies for
Improving Power System Reliability

SPEAKER: BHARAT BHARGAVA, Senior Principal Consulting Engineer
Electric Power Group (EPG)

Thursday May 9, 2013

6:00 – 8:00 pm

Bronco Student Center

Orion 2nd floor

<http://asi.csupomona.edu/bsc/media/bscmap.pdf>

Cal Poly Pomona

3801 W. Temple Ave, Bldg. 35

Rsvp requested by Friday May 3 2013

By emailing pes.cpp@gmail.com

Parking \$5

Program: 6:00-6:30-Refreshments, Networking

6:30 -6:45- Introductions and Announcements

6:45-7:30- Presentation

7:30-8:00- Questions and Discussion

Abstract

Presentation will discuss this new Synchronized Phasor Measurement System technology which provides a wide area view of the power system and enable system operators to identify issues that can lead to problems in the power grids and result in system separations and blackouts. This technology is being applied by several ISOs and reliability coordinators including California ISO and WECC in the west. Electric Power Group is in the forefront of this technology working with several ISOs such as California ISO, New York ISO, PJM etc. The presentation will start with the basics and explain how the technology will help in improving the reliability of power systems.



About our Speaker- Bharat Bhargava is a Senior Principal Consulting Engineer with Electric Power Group (EPG), LLC, Pasadena, California. He retired from Southern California Edison (SCE) in 2009 after working for thirty one years. He has been actively involved in SynchroPhasor Technology at SCE and EPG for last sixteen years. He was instrumental in development of State-of-the-art synchro-phasor network and establishing a Situational Awareness and Analysis Center at SCE. His other areas of interest include transient analysis, power system studies such as SSR, System Dynamics, Power System Stabilizer, Power Quality, Railway Electrification and capacitor switching and Insulation Coordination studies, etc. At, EPG Bharat has been involved in base lining/alarm threshold studies, event analysis, Real Time Dynamics Monitoring System (RTDMS) and Power Grid Dynamic Analyzer (PGDA) . Bharat is a senior life member of IEEE and member of CIGRE. Bharat graduated from Delhi University in 1961 with a Masters from Rensselaer Polytechnic Institute in 1976. Before moving to the US, he worked with the UP State Electricity Board in India from 1961 to 1975.

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