

You are cordially invited to the seminar

Overview of Canadian Smart Grid Research Network

Jointly Organized by
The Division of Power Engineering, School of EEE, NTU
The IEEE IAS/PELS Joint Chapter of Singapore

Speaker:



Dr. Hassan Farhangi
Director, British Columbia Institute of Technology

Venue: Executive Seminar Room (S2.2-B2-53)
School of Electrical and Electronic Engineering
Nanyang Technological University

Date & Time: 9 Nov 2009, Monday, 3:30-4.30pm
(Light refreshments will be served after the seminar)

Please **register** your attendance to me **via email reply** with your name (and institution/company for external participants) to ealice@ntu.edu.sg by **02-Nov-2009 (Monday)**.

Abstract:

The utility industry across the world is trying to address challenges such as Demand Response, Asset management, Substation Automation, Outage Management, reduction of industry's overall carbon footprint, etc. It is evident that such critical issues cannot be addressed within the confines of existing electricity grid. The next generation grid, also known as Smart Grid, is emerging as a true convergence of Information Technology, Communication Technology with Power System Engineering. Smart Grid is not Smart metering, AMR, AMI, AMM or Substation Automation, or Distributed Intelligence, or Pervasive Sensing Technologies. It is all of the above and much more. Smart Grid is a collection of all technologies, concepts, topologies and approaches allowing the emergence of the next generation Electricity Grid, where the silo hierarchies of generation, transmission and distribution is replaced with an end-to-end organically intelligent and fully integrated environment where business processes, objectives and needs of all stake holders are supported thru efficient exchange of data, services and transactions. In this presentation, Dr. Farhangi provides an overview of Smart Grid research in BC and in Canada.

Speaker's Biography

Dr. Hassan Farhangi, Ph.D., M.Sc., and B.Sc., is the Director of the Group for Advanced Information Technology (GAIT) within the Technology Centre of British Columbia Institute of Technology in Burnaby, BC, and Adjunct Professor at the University of British Columbia (UBC) and Simon Fraser University (SFU). Dr. Farhangi has more than 25

