

Technical Seminar on

The Role of Energy Storage in the Future Smart Grid

Speakers: Prof. Danny Sutanto, University of Wollongong, Australia.

Date: 5 April 2013 (Fri)

Time: 7:00 pm - 8:00 pm

Venue: FJ301, Hong Kong Polytechnic University, Hung Hom

Synopsis

The talk will discuss the future power system often referred to as the smart grid. The important role of having energy storage systems in such a future grid will then be discussed. Different Energy storage technologies that can be used will be presented. The role of power electronics to integrate energy storage systems in a smart grid will also be discussed. Finally the research work at the University of Wollongong on smart grid will be briefly presented.

About the Speakers

Danny Sutanto obtained his BEng. (Hons) and PhD from the University of Western Australia in 1978 and 1981 respectively. After his graduation he worked with GEC Australia until 1982. He then joined the University of New South Wales and later Hong Kong Polytechnic University where he was the Professor of Electrical Engineering. He is presently the Professor of Power Engineering at the University of Wollongong, Australia. His research interests include power system planning, analysis and harmonics, distributed generation, smart grid and Battery Energy Storage systems. He is currently the IEEE IAS Region 10 Area Chair. He has published more than 300 papers with over 60 papers in refereed international journals.

The seminar is organized by the HKIE (Electrical Division) and IEEE-HK PES/IAS/PELS/IES Joint Chapter and is supported by EE Dept of PolyU. No pre-registration is required. Attendance certificates will be issued during the seminar.

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