



THE INSTITUTION OF ENGINEERS, MALAYSIA

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PRE-AGM TALK : IS THE GRID "SMART"?

(Organised by the Electrical Engineering Technical Division, IEM)
BEM Approved CPD/PDP Hours: 2 Ref No: IEM15/HQ/097/AGM

Date : 9th May 2015 (Saturday)
Time : 9.00am to 11.00am
(Refreshment will served in 2nd Floor at 8.30am)
Venue : Auditorium Tan Sri Prof. Chin Fung Kee, 3rd Flr, Wisma IEM, PJ
Speaker : Ir. Hew Wooi Ping

SYNOPSIS

Smart Grid has attracted much attention from the industry, academia as well as the policy makers. However, there are many definitions of Smart Grid, and how a grid can be considered as "smart". This talk will provide a brief overview on the various definitions of Smart Grid and the enabling technologies that contribute to the "smartness" of the grid. The main characteristics of the Smart Grid as suggested in the 6 IEC white papers on strategy and trends for the future will be highlighted, and the challenges of its implementation will be discussed.

BIODATA OF SPEAKER



Ir. Hew Wooi Ping received his BEng, in 1981 and MEng in Engineering in 1990, from Universiti Teknologi Malaysia (UTM) . He then obtained his PHD degree in 2000 from University of Malaya. He currently serves as professor in Power Energy Dedicated Advanced Center (UMPEDAC), University of Malaya, Malaysia. His research projects include Hybrid Solar Research Suitable for Rural Electrifications (2011-2016), Design of a Six Phase Permanent Magnet Synchronous Wind Generator Using Finite Element Analysis (2010-2012), Design and Development of High Energy Efficiency Permanent Magnet Synchronous Motors (PMSM) Vector Drive System with Regenerative Capability (2008-2010)

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (**pre-registration and online registration are NOT required**). (**telephone and/or fax reservation will NOT be entertained**)
- **Non members** may also attend the talk but will be charged a registration fee of **RM50** and an administrative fee of **RM15**.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
- Limited seats are available on a "first come first served" basis (maximum 110 participants).
- IEM members are required to produce your membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD. *IEM members who fail to produce their membership cards will be charged a fee of RM25.00.*

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM15** as administrative fee for talks organized by IEM.
- The fee would be used to cover overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM
- Students are however exempted.
Your understanding is greatly appreciated.

CPD HOURS CONFIRMATION

Name :

Membership No:

Signature:

Ir. Lam Sing Yew
Chairman
Electrical Engineering Technical Division, IEM