



THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-79684001/2 Fax: 03-79577678 E-mail: sec@iem.org.my IEM Homepage: <http://www.myiem.org.my>

TALK ON

“ECONOMICS OF POWER GENERATION”

(Organised by Oil, Gas & Mining Technical Division, IEM)

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM15/HQ/141/T

Date : **9 May 2015 (Saturday)**
Time : **9.00 am to 11.00 am** (Refreshments will be served at 8.00 am)
Venue : **TUS and C&S Lecture Rooms, 2nd Floor, Wisma IEM, Petaling Jaya**
Speaker : **Ir. Benjamin Ng Chong Jin**

SYNOPSIS

The competitiveness of electricity tariff is a common topic in the power generation market as it is vital to the development of a country's economy and it affects the livelihood of the public. Hence it is always one of the key criteria to be evaluated when awarding a tender to build a power plant. The electricity tariff comprises of multiple components in which the single largest component is made up of fuel cost.

This talk draws attention to the fuel diversification in a power market (e.g. Malaysia) and the different fuels which determine the fuel specific electricity tariff. The talk aims to shed lights on how a regulated market's electricity tariff is being computed with respect to the different type of power plant technologies from oil-fired power plant to combined-cycle power plant to coal-fired power plant. Each power plant technology has its advantages in supporting the electricity grid and also its drawbacks. This will be elaborated in the talk.

BIODATA OF SPEAKER

Ir. Benjamin Ng Chong Jin is the Loss Prevention Consultant at FM Global Insurance specializing in power generation market. He has been involved in numerous power plants development from conceptualizing, financial modeling, tendering and design evaluation when he was in one of the IPP's in Malaysia. He has been technically trained in a reputable Gas Turbine manufacturer and has good commissioning experiences. Ir. Benjamin Ng holds a Bachelor (Hons) Degree in Mechanical Engineering in 2003. He is also a Professional Engineer (Mechanical) registered with BEM, a Corporate Member of IEM and a certified accountant with ACCA.

Ir. Ahmad Rafidi Mohayiddin

Chairman

Oil, Gas & Mining Technical Division, IEM

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/PDP HOURS CONFIRMATION

Name:

Membership No:

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