



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON "CHALLENGES IN REDUCING GREENHOUSE GAS EMISSIONS FROM THE GENERATION & USE OF ELECTRICITY IN MALAYSIA."

Organised by: the Electrical Engineering Technical Division, IEM

Date : 10th September 2016
Time : 9.00am to 11.00am (Saturday)
Venue : Auditorium Tan Sri Prof. Chin Fung Kee
Speaker : Gurmit Singh K.S

BEM approved CPD Hours: 2
Ref No: IEM16/HQ/267/T

SYNOPSIS

Climate change, a global concern is driven by Greenhouse Gas [GHG] emissions. A significant portion of these are associated with the generation and use of electricity. In Malaysia generation is dominated by coal, which has a large foot print. The talk will examine the challenges in reducing GHG emissions both in the choice fuels and equipment. It will also examine how electricity wastages can be minimized in the transmission and end-use in all sectors. It will end by exploring what active roles engineers can play.

Speaker's Biodata

GURMIT SINGH K.S. - Chairman, Centre for Environment, Technology and Development, Malaysia [CETDEM]

Mr. Gurmit Singh is an environmentalist, social activist and engineer. He is the Chairman of CETDEM. Prior to becoming Chairman, he was the Centre's founder Executive Director from June 1985 to December 2006. He was appointed as Director of CETDEM's think tank SUDI in Aug. 2011.

He is also an Adviser of the Environmental Protection Society, Malaysia, [after having served as founder President from 1974 to 1994] and till 15 Sept. 2012 was Regional Coordinator of Climate Action Network, Southeast Asia (CANSEA) for 3 terms.

For his dedicated work, the Malaysian Government awarded Gurmit the distinguished Langkawi Award in 1993 and the Sustainable Consumer Award in 2008. UN Malaysia gave him its Environmental Sustainability Award in 2013 while MBPJ presented him its Green Leadership award towards the end of the year. In 2015 the Malaysian Green Technology Corporation gave him the Green Catalyst Award. He also garnered an Honorary M.Sc. from Universiti Putra Malaysia in 2000.

Gurmit holds an Electrical Engineering degree from the University of Malaya [1970]. He has been a corporate member of the Institution of Engineers Malaysia since 1974.

Ir. Yau Chau Fong
Chairman
Electrical Engineering Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (**pre-registration and online registration are NOT required**).
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- Members of affiliated organisations upon producing their membership cards will be exempted from paying registration fee. Administrative fee is nevertheless applicable.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are reminded to produce membership cards for confirmation of attendance (CPD purpose) failing which a fee of RM25 will be imposed. GST inclusive.

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

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