



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON PALM OIL MILL POWER GENERATION

Organized by Agricultural and Food Engineering Technical Division, IEM
BEM Approved CPD/PDP Hours: 2 hours Ref No: IEM14/HQ/258/T

Date :10 January 2015 (Saturday)
Time :9.00 a.m. – 11.00 a.m.
(Refreshment will served at 8.30 a.m.)
Venue :C&S & TUS Lecture Room, 2nd Floor, Wisma IEM,
Petaling Jaya, Selangor.
Speaker : Ir. Wan Wai Thong

SYNOPSIS

This talk will highlight the changes, potentials and direction of technology involved for power generation in palm oil mill industries. It covers the components of a power generation station in a palm oil mill. The mass balance concept used in the palm oil milling industries for waste generation management has utilized it as biomass and biogas energies in a single process. This talk will brief through the current technology installed in the industry. It will also present the potential and criteria of power generation of mills as not all mills are viable for excess power generation. It includes address of obstacles in power connection process to the public.

BIODATA OF SPEAKER



Ir. Wan Wai Thong graduated from UPM in 1993 with a Bachelor Degree in Agriculture Engineering. He started his career in palm oil milling and remained the same till today. He has worked in a state-of-art heat and power combined plant to generate electric and steam for paper industry. He has also conducted various power generation projects in palm oil mills. Currently, he is the technical director of one of the leading palm oil milling company and is aggressively embarking in palm oil milling and power generation activities.

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 **RM10**.
- 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 RM20.00.**

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM10** 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:

Signature:

Ir. Assoc. Prof. Dr. Chin Nyuk Ling
Chairman Agricultural & Food Technical Division, IEM