

## TECHNICAL WORKSHOP ON ENERGY EFFICIENCY FOR INDUSTRIAL CLIENTS

Organized by

IEEE PES Malaysia Chapter  
&  
IEEE UITM STUDENT BRANCH

**Date: 28 March 2012 (Wednesday)**

**Time: 2:00 pm – 6.00 pm**

**Venue: Faculty of Electrical Engineering,  
UITM, Shah Alam**

### Course Outline

Energy Efficiency (EE) is a technique to reduce energy usage, reduce energy costs, reduce Green House Gas (GHG) production and create Clean Development Mechanism (CDM) for emission reductions. Energy Efficiency is a very important tool for the energy users to reduce their energy consumption and energy costs. The tutorial will discuss some of the most important issues in EE in order to be possible for the industry to utilize it effectively and efficiently in their working places and equipment. It will focus on challenges and benefits available for Energy Efficiency application. The contents of the tutorial will be:

- Introduction to Energy Efficiency
- Energy Efficiency for Motors
- Energy Efficiency for Electrical Appliances
- Energy Efficiency for Air blowing Equipment/Fans
- Energy Efficiency Practical examples
- Conclusion & Question & Answer Session

### The Presenter



**Associate Professor Dr. Musse Mohamud Ahmed** is with the department of Electrical & Computer Engineering, Kulliyah of Engineering, International Islamic University (IIU) Malaysia. He graduated and received his Ph.D. degree from Universiti Teknologi Malaysia (UTM). He served Multimedia University (MMU) as lecturer at the Faculty of Engineering & Technology (FET) in Malacca campus from 2000 to 2002. He joined UTeM as a lecturer in March 2002.

In October 2002, he was appointed as deputy dean, postgraduate, research & development at the Faculty of Electrical Engineering, UTeM, a position he held until March 2007. He joined the department of Electrical & Computer Engineering, Kulliyah of Engineering at IIUM in August 2009. Dr. Musse has been a member of IEEE for last fifteen years and he has been IEEE-PES executive committee member for nine years. He has 25 years of experience in the industry and teaching in institutions of higher learning. His research interests include: Distribution Automation System, Power System Operation and Control & Modeling of Large Scale Power Systems, Power Quality, Intelligent Power Systems, Energy Efficiency, Energy Audit & Renewable Energy, Risk Assessment of Electricity Supply and Demand side management.

### Fees:

**RM10 - Students**

**RM50 - Non-students**

*Course materials and refreshments will be provided*

### Enquiries and Registration

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