

# INTRODUCTION TO IEC60364-8-1 ENERGY EFFICIENCY IN LOW VOLTAGE ELECTRICAL INSTALLATIONS

BEM APPROVED CPD/PDP: 2 REF. NO.: IEM21/HQ/233/T(W)

**10 JULY 2021, SATURDAY**  
**2PM - 4PM**

**SPEAKER:**  
**DR. CHUA KEIN HUAT**



**Registration Fees**  
**(effective 1st August 2020)**  
**Student Members : Free**  
**IEM Members : RM 15.00**  
**IEM Non Members : RM 70.00**  
**Register online | [www.myiem.org.my](http://www.myiem.org.my)**

# SYNOPSIS

The IEC 60364-8-1 Energy Efficiency in LV Electrical Installations aims to set out the minimum design requirements on energy efficiency of electrical installations. The aim of this course is to provide guidance notes to compliance with the IEC 60364-8-1 standard and draw attention of electrical installations designers & operators to generally recommended practices for energy efficiency and conservation on the design, operation & maintenance of electrical installations. It is hoped that designers will not only design installations that would satisfy the minimum requirements stated in the Electrical Code, but also pursue above the minimum requirements.

## SPEAKER'S PROFILE

Dr. Chua Kein Huat is currently working as an Assistant Professor in the department of Electrical and Electronic Engineering at Universiti Tunku Abdul Rahman (UTAR). He obtained his Bachelor Degree in Electrical, Electronic & Systems Engineering in 2004, Master in Engineering from University of Malaya in 2009 and also Ph.D (Electrical Engineering) from UTAR in 2016. Dr. Chua is a Certified Energy Manager (CEM) and a Registered Electrical Energy Manager (REEM) with Energy Commission since 2016. He is also a PSMB Certified Trainer under the national Train-the-trainer (TTT) program. He has 11 years' experience in conducting training and workshops in Electrical Power and Energy Efficiency. He has conducted more than 100 training at both the national and international levels including Indonesia, Singapore, and Papua New Guinea. He is also one of the members of working group on Solar Photovoltaic Systems under Department of Standard Malaysia and helping in drafting MS 2692:2020 Testing and Commissioning of Grid-Connected Photovoltaic System. Area(s) of specialization: Energy efficiency, energy management, energy audit, energy storage, UPS, electrical power protection, earthing and lightning protection, electrical machines and drives, and industry 4.0.