



# Webinar Talk on

# DRIVING SUSTAINABILITY: THE IMPACT OF ENERGY EFFICIENCY AND CONSERVATION ACT 2024 TO INDUSTRIES

*Jointly Organised*

*Oil, Gas and Mining Technical Division (OGMTD), IEM & Building Services Technical Division (BSTD), IEM*

**BEM APPROVED CPD: 2**

**REF NO: IEM25/HQ/078/T (w)**

**SPEAKER**

**Ir. Al-Khairi Mohd Daud**



**8 MARCH 2025, SATURDAY**



**9.00am - 11.00am**



**ZOOM WEBINAR**

**Registration Fee:**

**IEM Student: FOC**

**IEM Member: RM15**

**Non IEM Member: RM70**



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# SYNOPSIS

Last year, the government has gazetted Energy Efficiency and Conservation Act (EECA). The EECA replaces the Efficient Management of Electrical Energy Regulations (EMEER) 2008. Under the EECA industries that consume 21600 GJ over a period of one year shall need to appoint a Registered Energy Manager (REM) to manage the energy efficiency consumption by implementing energy management system. All the Registered Electrical Energy Manager (REEM) now has to convert to a Registered Energy Manager (REM) Type 1 (electrical) or Type 2 (electrical & Thermal) according to the organization consumption type. EECA also introduces Registered Training Institution and Registered Energy Auditors.

Subsequently last month, Tenaga Nasional Bhd (TNB) announced a 14.2% increase in the electricity tariff for Peninsular Malaysia, starting July 1, 2025. Though the power utility says the new rate will not impact some 85% of households, the increase will definitely impact the industries where they account 80% of energy usage.

When the government put energy transition as one of the key economy driving factor, the industries and engineers have to respond to the challenges this year. The talk shall highlight how should the industries prepare for the EECA implementation and adjust their operation to buffer the looming increase in energy tariff. Will the challenges enhance the Sustainability initiatives that many organizations adopted now?

The speaker is one of the first REM Type 1 and 2 approved by ST and has involved in energy efficiency activities as a practitioner, trainer, consultant, auditor and certificatory for the past 15 years.

## SPEAKER'S PROFILE

Ir. Al-Khairi Mohd Daud from Faqeh Management has more than 30 years in engineering fields. Ir. Al-Khairi is passionate in understanding energy and practicing energy management. As such he has been the country expert for ASEAN Energy Management Accreditation Scheme (AEMAS) with Malaysia Green Technology and Climate Change (MGTC) that has trained certified energy managers (CEM) and accredited many organizations on Energy Management Gold Standard (EMGS) since 2010. He is also the trainer for Energy Manager Training Course with IEMTA.

He is one of the earliest Registered Energy Manager (REM) under the new EECA and a Registered Electrical Energy Manager (REEM) under Energy Commission of Sabah (ECoS) and a Professional Energy Manager under ASEAN Centre of Energy AEMAS program. He is currently the chairman for IEM Building Services Technical Division and a member of OGMTD.