



IEM

The Institution of Engineers, Malaysia

Organised by
Environmental Engineering Technical Division

Virtual Half Day Course on **Planning Towards and Execute industrial Energy in Environment Sector**



SPEAKER

**Ir. NOOR IZIDDIN ABDULLAH
BIN GHAZALI**

Date :01 Sept 2025 (Monday)

Time :09.00 am – 1.00pm

Platform: Zoom Platform

BEM APPROVED CPD: 4.0

REF NO: IEM25/HQ/312/C (w)

ONLINE

(Log-in for registration & payment:
www.myiem.org.my/member/login.aspx)

NORMAL FEE

(by fax & email)
Payment by cash, credit card and bank-in

IEM Student Member

40.00

50.00

IEM Graduate Member

75.00

90.00

IEM Corporate Member

125.00

150.00

Non-IEM Member

240.00

300.00

Course Overview

Increasingly in the last several decades, industrial energy audits have exploded as the demand to lower increasingly expensive energy costs and move towards a sustainable future have made energy audits greatly important. Their importance is magnified since energy spending is a major expense to industrial companies (energy spending accounts for around 10% of the average manufacturer's expenses). This growing trend should only continue as energy costs continue to rise. While the overall concept is like a home or residential energy audit, industrial energy audits require a different skillset. Weatherproofing and insulating a house are the focus of residential energy audits. For industrial applications, it is the HVAC, lighting, and production equipment that use the most energy, and hence are the primary focus of energy audits.

PROGRAMME

TIME	DESCRIPTION
9.00 am to 10.00 am	Session 1: Introduction to Industrial Energy Audits
10.00 am to 11.00 am	Session 2: Energy Hotspots in Industry
11.00 am - 12.00 pm	Session 3: Energy Audit Methodologies and Tools
12.00 pm - 1.00 pm	Session 4: Case Studies & Best Practices in Industrial Settings
1.00 pm to 1.30 pm	Q&A & closing

SPEAKER'S DETAILS

Ir. Noor Iziddin Abdullah Bin Ghazali has more than 20 years of technical and leadership roles in the following industries: semiconductor, property, data center & telecom. He previously led sustainability energy programs at 22 government hospitals. Initially in a semiconductor with Spansion then MIMOS. Subsequently to data center development at Cyberjaya for Google, Deutsche Bank, TM, NTT, Petronas, and BMW. Then attach to Mesiniaga as Project Manager for Cisco network implementations at Petronas.

Next with Putrajaya Holdings for the development of green buildings. After that as Electrical Manager at Sunway Property overseeing the M&E projects. Later with edotco (Axiata) as the Regional Head overseeing energy projects in Malaysia, Bangladesh, Sri Lanka, Myanmar, Pakistan & Cambodia using a remote energy monitoring system. Then as Program Manager 4G/LTE modernization with Huawei & Ericsson. Subsequently as the Dean, of Engineering Faculty at UNIMY before joining Medinvest as the Head of the Sustainable Energy Program.

Before this managing a clean energy supply & demand (electricity, fuel & water) portfolio at Westports Holdings. Followed by setting up a solar energy & energy storage subsidiary at Worldwide Holdings Berhad. Recently as the Senior Energy Advisor at GIZ (German Development Corporation) for Kuala Lumpur City Council focus on Energy Efficiency (EE) and Renewable Energy (RE) project implementation at more than two dozen sites (planning & execution) to be benchmarked at two dozen megacities around the world in terms of climate change and sustainability including potential district cooling.

As the energy advisor and project management consultant in the clean energy sector, now as Head of Project Development & Management at North Consult Engineering leading a project management consultant for multiple type of large scale solar farm in Malaysia & ASEAN region.

Ir. Noor Iziddin Abdullah Bin Haji Ghazali carries out work related to low carbon activities in supporting UN SDG and ESG agenda based on Kuala Lumpur Climate Action Plan (KL CAP 2050) & Dasar Tenaga Negara (DTN) 2022-2040 besides Malaysia Renewable Energy Roadmap (MyRER) plus National Energy Transition Plan (NETR).

Chairman,
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REGISTRATION FORM

**VIRTUAL HALF DAY COURSE ON
PLANNING TOWARDS AND EXECUTE INDUSTRIAL ENERGY IN ENVIRONMENT SECTOR
01 Sept 2025 (Monday) **Closing Date : 27 Aug 2025****

NAME	MEMBERSHIP NO. / GRADE	FEES (RM)
Sub Total:		
SST Added 8% :		
Total Amount Payable :		

PAYMENT DETAILS :

☐ Cash RM _____

☐ Cheque no. _____ for the amount of RM _____ (non-refundable) .

FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address : _____

Telephone No. : _____ (O) _____ (Fax No.)

_____ (H) _____ (HP)

Email : _____

Signature & Stamp

Date