

Organised By:  
Urban Engineering Development  
Special Interest Group (UEDSIG), IEM

# Virtual Half Day Course

## Financial Modelling, Policy, and Bankability for BESS Projects

### SPEAKER

Ir. NOOR IZIDDIN ABDULLAH  
BIN GHAZALI

Date: ~~24 January 2026 (Saturday)~~

Rescheduled to 17 January 2026

SATURDAY

Time: 09.00 am – 1.00pm

Venue: Zoom Platform

BEM APPROVED CPD: 4 HOURS

REF NO.: IEM25/HQ/555/C (w)

Closing Date: 16 January 2026



	ONLINE (Log-in for registration & payment: <a href="http://www.myiem.org.my/member/login.aspx">www.myiem.org.my/member/login.aspx</a> )	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

This intensive half-day course provides a focused exploration of the financial and policy dimensions of Battery Energy Storage Systems (BESS). It is designed to equip participants with the ability to model project economics, assess financial viability, and evaluate policy and risk factors affecting bankability in Malaysia and ASEAN.

## Learning Outcomes

Participants will be able to:

- Build and interpret a basic BESS financial model in Excel
- Estimate key financial indicators (IRR, NPV, payback, LCOS)
- Understand Malaysian/ASEAN policy frameworks affecting bankability
- Identify and mitigate technical and financial risks

## Course Deliverables

- Editable Excel financial model template
- PDF slide deck with policy references and formulas
- Risk matrix sample for bankability assessment

# PROGRAMME

TIME	DESCRIPTION
09:00 – 09:20	Module 1: BESS Economics in Energy Transition
09:20 – 10:20	Module 2: Financial Modelling Fundamentals for BESS
10:20 – 10:30	Break
10:30 – 11:30	Module 3: Policy, Risk & Bankability Frameworks
11:30 – 1:00	Interactive Case Study & Wrap-Up



# **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 Medivest 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,  
organised BY:  
Urban Engineering Development Special Interest Group (UEDSIG), IEM  
The Institution of Engineers Malaysia,  
Lots 60 & 62, Jalan 52/4,  
46720 Petaling Jaya, Selangor Darul Ehsan  
Tel: 03-7890 0134  
Email: suriani@iem.org.my

Website: [www.myiem.org.my](http://www.myiem.org.my)

## **REGISTRATION FORM**

**VIRTUAL HALF DAY COURSE ON  
FINANCIAL MODELLING, POLICY, AND BANKABILITY FOR BESS PROJECTS  
24 JANUARY 2026 **Closing Date: 16 JANUARY 2026****

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