

 **ENGINEER**[®]
5TH ENGINEERING EXHIBITION & CONFERENCE 2026, MALAYSIA

CONCURRENT EXHIBITION:

 **MARVEX**[®]
5TH AIR-CONDITIONING, REFRIGERATION &
VENTILATION EXHIBITION 2026, MALAYSIA

eSHOW

PREVIEW 2026

22 > 25

SEPT 2026
10AM - 6PM

KLCC

KL CONVENTION
CENTRE, MALAYSIA

Co-Located Exhibition:



Supported by:



Endorsed by:



Joint Organiser
for ENGINEER:



Joint Organiser
for MARVEX:



Joint Organiser:





POWERING WHAT BUILDS TOMORROW

**Buildings don't come to life on their own.
They are powered by the ideas, engineering
and technologies working behind the scenes.**

ENGINEER & MARVEX 2026 brings together the forces shaping the future of the built environment, from smarter engineering infrastructure and advanced HVAC&R solutions to the innovations redefining efficiency, sustainability and performance.

This is where the industry comes together to see what's next, and build what comes after.



Engineering has always been about people – transforming ideas into solutions, addressing complex challenges, creating safer and more resilient communities, and improving lives through the systems, technologies and infrastructure that shape our world.

The spirit of collaboration remains central to ENGINEER and the IEM Convention, bringing together engineers, industry leaders, policymakers, academics, technology providers and the next generation of engineering professionals to exchange knowledge and discover emerging technologies, strengthen professional networks and explore new opportunities that will shape the future of our profession.

“ENGINEER 2026 reflects IEM’s continuing commitment to lifelong learning, professional growth and engineering solutions that deliver meaningful impact to industry, society and the nation, while advancing innovation, sustainability and collaboration through engineering.”



Ir. Yau Chau Fong
IEM President



The HVAC&R industry plays an essential role in our daily lives, creating the comfortable, healthy and energy-efficient environments that enable people to live, work and thrive. Today, our industry undergoes a remarkable transformation driven by energy efficiency, sustainability, digitalisation and low-carbon technologies.

MARVEX has established itself as the region's premier HVAC&R exhibition and a valuable platform where manufacturers, suppliers, consultants, contractors, engineers and building professionals connect, share ideas and explore the latest technologies and market trends.

More than an exhibition, MARVEX reflects the spirit of collaboration and innovation to drive our industry forward, offering opportunities to discover new technologies, expand professional networks and explore new business opportunities as we shape a smarter, greener and more sustainable future together.



Mr. Gan Chok Ser
MACRA President



Every edition of ENGINEER & MARVEX reminds us of one simple thing — progress begins when people come together.

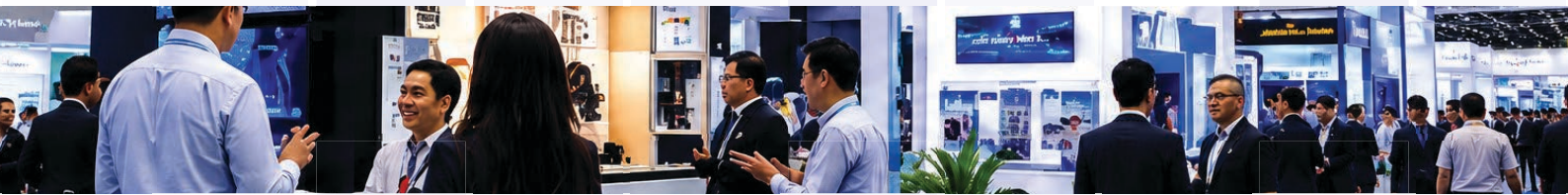
Over the past five years, this platform has grown into an annual gathering for the engineering and HVAC&R communities, serving as a meeting point for industry professionals to exchange knowledge, discover new possibilities, explore innovative solutions and build meaningful partnerships that drive the industry forward.

Bringing together conference and exhibition in one connected platform, ENGINEER & MARVEX creates opportunities beyond business — from showcasing the latest technologies and innovations to opening doors for collaboration, investment and growth across the engineering and HVAC&R sectors.



Dato' Vincent Lim
C.I.S President

INNOVATE. INTEGRATE. IMPACT.



**THE FUTURE OF
ENGINEERING
AND HVAC&R
IS BEING BUILT
HERE.**

**4 DAYS
1 PLATFORM
∞ OPPORTUNITIES**

**5
HALLS**

9,700 sqm
GROSS EXHIBITION SPACE

**Discover the technologies. Meet the people.
Unlock the opportunities.**

5 Reasons Industry Professionals Are Showing Up at ENGINEER & MARVEX

1. Discover the latest technologies
2. Meet regional suppliers and partners
3. Find solutions for upcoming projects
4. Learn from industry experts
5. Create new business opportunities


1,000+
SOLUTIONS
[CLICK HERE FOR MORE INFO](#)


3
LIVE
SHOWCASES
• Data Centre Infrastructure
• Battery Energy Storage System
• HVAC Innovation for Smart & Green Building
[CLICK HERE FOR MORE INFO](#)


M&E | HVAC&R
FOCUS


150+
INDUSTRY EXPERT
SPEAKERS
[CLICK HERE FOR MORE INFO](#)


100+
HOURS OF KNOWLEDGE
SESSIONS
[CLICK HERE FOR MORE INFO](#)


DCX
DATA CENTRE EXHIBITION ASIA
SECTOR
[CLICK HERE FOR MORE INFO](#)

**BEM
CPD
HOURS**

32
CPD Hours*

*Earn up to 32 BEM CPD hours across 4 days of the exhibition and conferences. Make your time count and fast-track your professional development.

EXHIBITION

Open daily 10:00 AM – 6:00 PM · Halls 1 – 5

V E N U E		8AM	9AM	10AM	11AM	12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM					
TUESDAY 22 SEPTEMBER	HALL 8 LEVEL 4			★ OFFICIAL OPENING CEREMONY OF ENGINEER MARVEX 10.30 AM – 11.30 AM				★ HALL 8A	KUALA LUMPUR ENGINEERING FORUM (KLEF) DAY 1		E	02.00 PM – 05.00 PM *paid conference						
	MEETING SPACE 1 HALL 1			★ POWER TALK: DATA CENTRE INFRASTRUCTURE SERIES				E M	10.30 AM – 03.00 PM		★	ENGINEER M&E NIGHT 05.00 PM – 07.00 PM *by invitation only						
	MEETING SPACE 4 HALL 4			POWER TALK: BUSINESS				E M	10.30 AM – 05.30 PM									
	MEETING SPACE 5 HALL 5			★ POWER TALK: HVAC&R TECHNOLOGY SERIES				M	10.30 AM – 02.00 PM		★	PRODUCT LAUNCH BY PHILIPS 02.30 PM – 03.30 PM		M	POWER TALK: BUSINESS 04.00 PM – 05.30 PM		M	
	POWER SPACE 1 HALL 1			POWER TALK: INDUSTRY BY IEM				E	11.00 AM – 12.30 PM		POWER TALK: INDUSTRY BY IEM	E	POWER TALK: INDUSTRY BY IEM		E	04.00 PM – 05.00 PM		E
	LOUNGE 1 HALL 1									PII INTERNAL MEETING (Institutions of Engineers Indonesia) 03.00 PM – 04.00 PM								
	OTHERS									GUIDED TOUR: MACRA 03.00 PM – 04.30 PM					MARVEX INTERNATIONAL EXCELLENCE AWARDS DINNER *by invitation only Venue: Renaissance Hotel KL 07.00 PM – 10.00 PM			
WEDNESDAY 23 SEPTEMBER	HALL 8 LEVEL 4		★ KUALA LUMPUR ENGINEERING FORUM (KLEF) DAY 2				E	09.00 AM – 05.00 PM *paid conference										
								HALL 8M	IEM PRESIDENT'S DIALOGUE WITH BRANCHES 02.00 PM – 3.30 PM		*by invitation only							
	MEETING SPACE 1 HALL 1		★ POWER TALK: INDUSTRY BY YTL CEMENT 10.30 AM – 12.30 PM				E	★	PRODUCT LAUNCH BY PEKAT 01.30 PM – 03.00 PM		E	POWER TALK: INDUSTRY BY IET 03.30 PM – 05.00 PM		E				
	MEETING SPACE 4 HALL 4		POWER TALK: BUSINESS				E M	10.30 AM – 05.30 PM										
	MEETING SPACE 5 HALL 5		★ MARVEX FORUM				M	10.30 AM – 04.00 PM			★ ENGINEER & MARVEX NIGHT OF EXCELLENCE 2026 *by invitation only 05.00 PM – 07.00 PM							
	LOUNGE 2 HALL 2		POWER TALK: INDUSTRY BY IEM				E	11.00 AM – 12.30 PM		POWER TALK: INDUSTRY BY MALAYSIAIGBC	E	03.00 PM – 04.30 PM						
	LOUNGE 4 HALL 4							NATIONAL IEC COMMITTEE MEETING 01.30 PM – 03.00 PM *by invitation only										
	LOUNGE 5 HALL 5		POWER TALK: INDUSTRY BY IEM, CIDB & DOSH				E	11.00 AM – 01.00 PM		POWER TALK: INDUSTRY BY IEM	E	03.00 PM – 04.00 PM						
POWER SPACE 1 HALL 1		POWER TALK: INDUSTRY BY IEM 11.00 AM – 12.30 PM				E	★	ASHRAE REGIONAL FORUM		01.00 PM – 05.00 PM								
OTHERS				GUIDED TOUR: IEM				11.00 AM – 12.30 PM										
THURSDAY 24 SEPTEMBER	HALL 8 LEVEL 4		HALL 8B FUTURE READY GREEN DATA CENTRES				08.00 AM – 05.00 PM *paid conference											
			HALL 8A A.C.E CONFERENCE				09.00 AM – 05.00 PM *paid conference											
					HALL 8M	IEM DIALOGUE WITH SURUHANJAYA TENAGA , IEC TC		10.30 AM – 12.30 PM *by invitation only										
	MEETING SPACE 1 HALL 1		★ POWER TALK: BESS SERIES				E	10.30 AM – 02.00 PM		TOWNHALL WITH SURUHANJAYA TENAGA & STANDARDS MALAYSIA 02.00 PM – 03.30 PM	★	TEH TARIK WITH BOARD OF ENGINEERS MALAYSIA 04.00 PM – 05.30 PM						
	MEETING SPACE 4 HALL 4		POWER TALK: BUSINESS				E M	10.30 AM – 05.30 PM										
	MEETING SPACE 5 HALL 5		POWER TALK: INDUSTRY BY DEEPKNOWLEDGE COMMUNITY				M	10.30 AM – 01.00 PM		★ POWER TALK: INDUSTRY — BUILDING SERVICES SERIES 02.30 PM – 04.00 PM	M	★ UNDER THE MOON BUSINESS NETWORKING COCKTAIL *by invitation only 05.00 PM – 07.00 PM						
	LOUNGE 1 HALL 1							ACONLAND GLOBAL HVAC&R INDUSTRY & INVESTMENT FORUM 2026		M	01.00PM – 05.00PM							
	LOUNGE 2 HALL 2		POWER TALK: INDUSTRY BY MAESCO				M	10.00 AM – 01.30 PM		POWER TALK: INDUSTRY BY MACRA	M	02.00 PM – 03.30 PM						
LOUNGE 4 & 5 HALL 4 & 5			LOUNGE 4	PRESS CONFERENCE FUTURE READY GREEN DATA CENTRES				11.00 AM – 11.30 AM *by invitation only		LOUNGE 4	HVAC REGIONAL ASSOCIATION DIALOGUE 04.00 PM – 05.00 PM *by invitation only		M					
POWER SPACE 1 HALL 1		POWER TALK: INDUSTRY BY ACEM				E	11.00 AM – 12.30 PM		POWER TALK: INDUSTRY BY IEM	E	01.30 PM – 03.00 PM							
OTHERS											YTL CEMENT COCKTAIL SESSION		E	Venue: YTL CEMENT BOOTH 1A029 HALL 1 *by invitation only				
FRIDAY 25 SEPTEMBER	HALL 8 LEVEL 4		HALL 8A POWERING INTELLIGENT CITIES: DATA, AI & INFRASTRUCTURE FOR SMART MALAYSIA				09.00 AM – 06.00 PM											
	MEETING SPACE 1 HALL 1		★ SOFT LAUNCH OF IFCEM FEATURING ASIA FIRE SAFETY EXPO 2027 (AFSE)				10.30AM – 12.30PM		★	IEM NATIONAL TOWNHALL		02.30 PM – 05.30 PM *by invitation only						
	MEETING SPACE 4 HALL 4		★ IDEAS COMPETITION: PITCH FOR TOMORROW BY IEM YOUNG ENGINEERS SECTION (YES)				10.00 AM – 05.00 PM											
	MEETING SPACE 5 HALL 5		★ MARVEX AIR-CONDITIONING & REFRIGERATION SKILLS COMPETITION				10.30 AM – 04.00 PM											
	LOUNGE 1 HALL 1		IEM YOUNG ENGINEERS SECTION (YES) CAREER MATCHING DAY				10.00 AM – 04.00 PM											
	LOUNGE 2 HALL 2		IEM MOU SIGNING CEREMONY				10.30 AM – 12.00 PM											
	LOUNGE 4 HALL 4		POWER TALK: INDUSTRY BY IEM				E	11.00 AM – 12.30 PM										
	POWER SPACE 1 HALL 1		POWER TALK: INDUSTRY BY MACRA				M	10.30 AM – 12.00 PM		POWER TALK: INDUSTRY BY MACRA	M	POWER TALK: INDUSTRY BY IEM		E	04.00 PM – 05.00 PM			

HALL LAYOUT

KUALA LUMPUR CONVENTION CENTRE

- LEGENDS:
- R** REGISTRATION COUNTER
 - R1** **R5** SELF CHECK-IN COUNTER
 - SVC** EXHIBITION SERVICE COUNTER
 - i** INFO POINT
 - +** PARAMEDIC
 - ☕** CAFÉ

BOOTH NAVIGATION

ROW A

ENGINEER MARVEX

HALL ROW BOOTH NO.
2 A 123

KLEF
KUALA LUMPUR ENGINEERING FORUM
22 & 23 SEPT

ACE
A.C.E CONFERENCE 2025
24 SEPT

URBENS2026
URBAN ENGINEERING SYMPOSIUM
25 SEPT

FUTURE READY GREEN DATA CENTRES SYMPOSIUM
24 SEPT

FROM MANDARIN ORIENTAL HOTEL

FROM TRADERS HOTEL

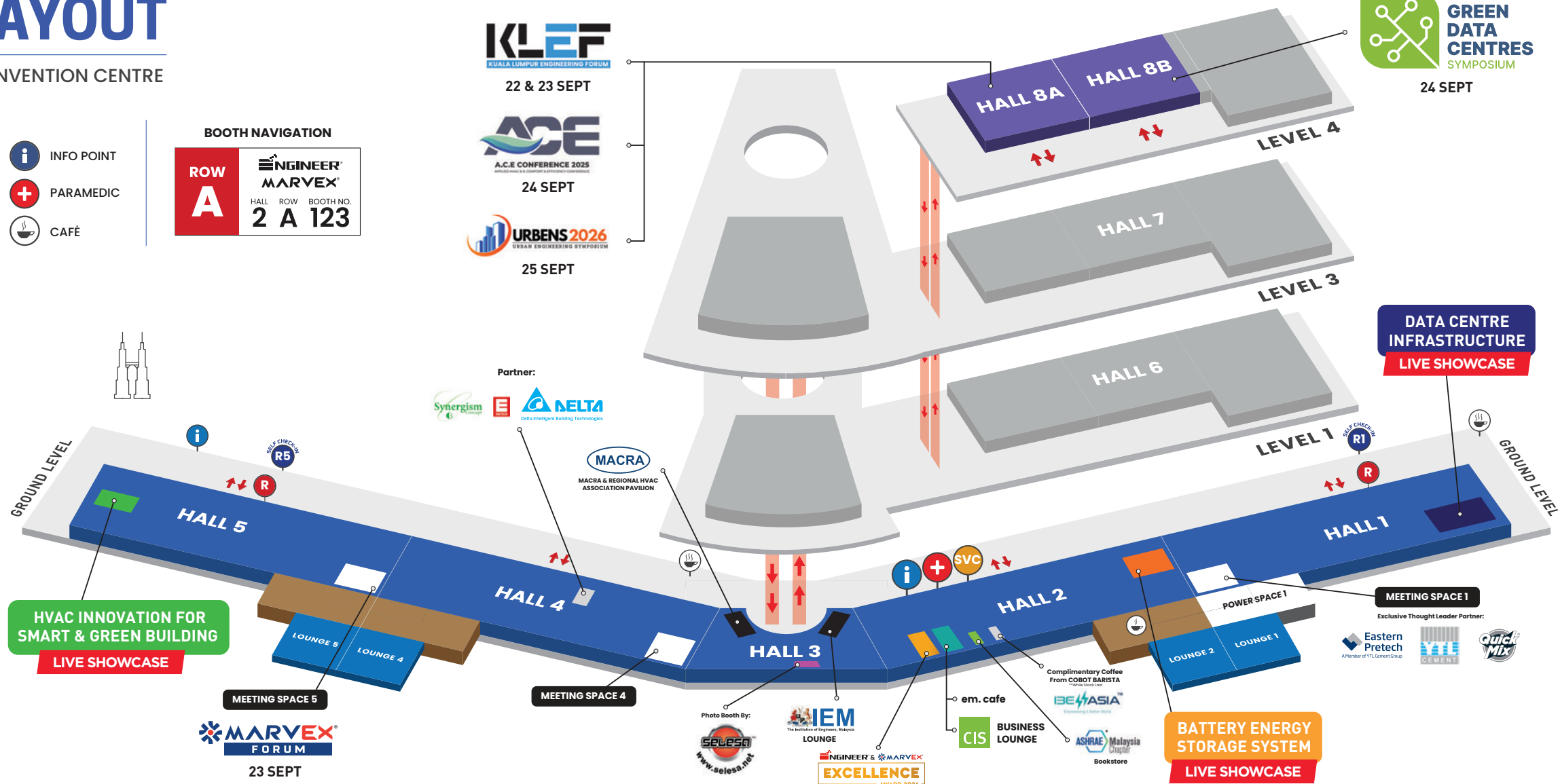


EXHIBIT PROFILES:

ENGINEER			MARVEX	
POWER SYSTEMS <ul style="list-style-type: none">High and Medium Voltage System & TechnologiesLow-Voltage Electrical Distribution System & TechnologiesPower Transmission and Distribution System & EquipmentsWire, Cable, Cabling and Electrical Supply System & Technologies			HVAC TECHNOLOGY <ul style="list-style-type: none">HVAC Equipment & Services (membranes, fittings, insulation, testing & control)Air-Conditioning System & EquipmentPump & Systems	
ENERGY TRANSITION SOLUTIONS <ul style="list-style-type: none">Renewable Energy Solution & TechnologiesBattery Energy Storage System & TechnologiesEV Infrastructure & Smart Grids			AIR FLOW, AIR QUALITY & VENTILATION <ul style="list-style-type: none">Air Flow, Air Filtration & Purification Ventilation System & EquipmentsIndoor & Outdoor Air System & Equipments	
BUILDING SERVICES, SYSTEMS & TECHNOLOGIES <ul style="list-style-type: none">Elevator, Escalator, Passenger Conveyors Solution, System & TechnologiesDigital Technologies, BIM, Robotics, Automation & System Integration			REFRIGERATION TECHNOLOGY <ul style="list-style-type: none">Cooling & Refrigeration System & Technologies BUILDING AUTOMATION SYSTEM & TECHNOLOGIES <ul style="list-style-type: none">Building Automation & System Integration TechnologiesMeasurement & Testing Control Technology PROFESSIONAL SERVICES & TRAINING <ul style="list-style-type: none">Training, Up-skilling & Certification	
SAFETY, SECURITY, FIRE PROTECTION SYSTEMS & EQUIPMENT <ul style="list-style-type: none">Fire Detection, Suppression & Alarm System & TechnologiesEarthing, Lightning, and Surge Protection System & TechnologiesExplosive Atmosphere Protection System & EquipmentsCCTV & Integrated Security Solutions			DCX DATA CENTRE EXHIBITION ASIA	
TOOLS, EQUIPMENT & TESTING <ul style="list-style-type: none">Power Tools, Machinery, Materials & PartsTesting, Measurement and Monitoring Solutions			DATA CENTRE INFRASTRUCTURES SYSTEMS & TECHNOLOGIES <ul style="list-style-type: none">Back-up Power Supply, Independent Power Generation, and Uninterruptible Power Supply (UPS)Energy Efficiency, Sustainability & Green Data CentresRaised Flooring & Environmental ControlsLighting & Electrical Installation SystemsCooling & Thermal Management SystemsOther Data Centre Infrastructure Solution & Technologies	
DRIVE, PUMPS & VALVES <ul style="list-style-type: none">Drive & Motor ControlsPump, Valve, Materials & Parts				

Co-located Exhibition:



POWERING ASIA'S DIGITAL BLACKBONE

Evolving from the successful 2nd edition of the Live Data Centre Showcase at ENGINEER and MARVEX, DCX Asia is a premier platform for you to source mission-critical electrical, mechanical, HVAC&R, and power systems directly from global infrastructure leaders.

Experience scalable, high-efficiency and resilient solutions in action - from precision cooling to fully integrated infrastructure systems.

Position yourself at the heart of the region's digital transformation and source the technologies required to build the future of high-performance, sustainable data centres.

EXHIBIT PROFILES



- Back-up Power Supply, Independent Power Generation, and Uninterruptible Power Supply (UPS)



- Energy Efficiency, Sustainability & Green Data Centres



- Raised Flooring & Environmental Controls



- Cooling & Thermal Management Systems



- Lighting & Electrical Installation Systems



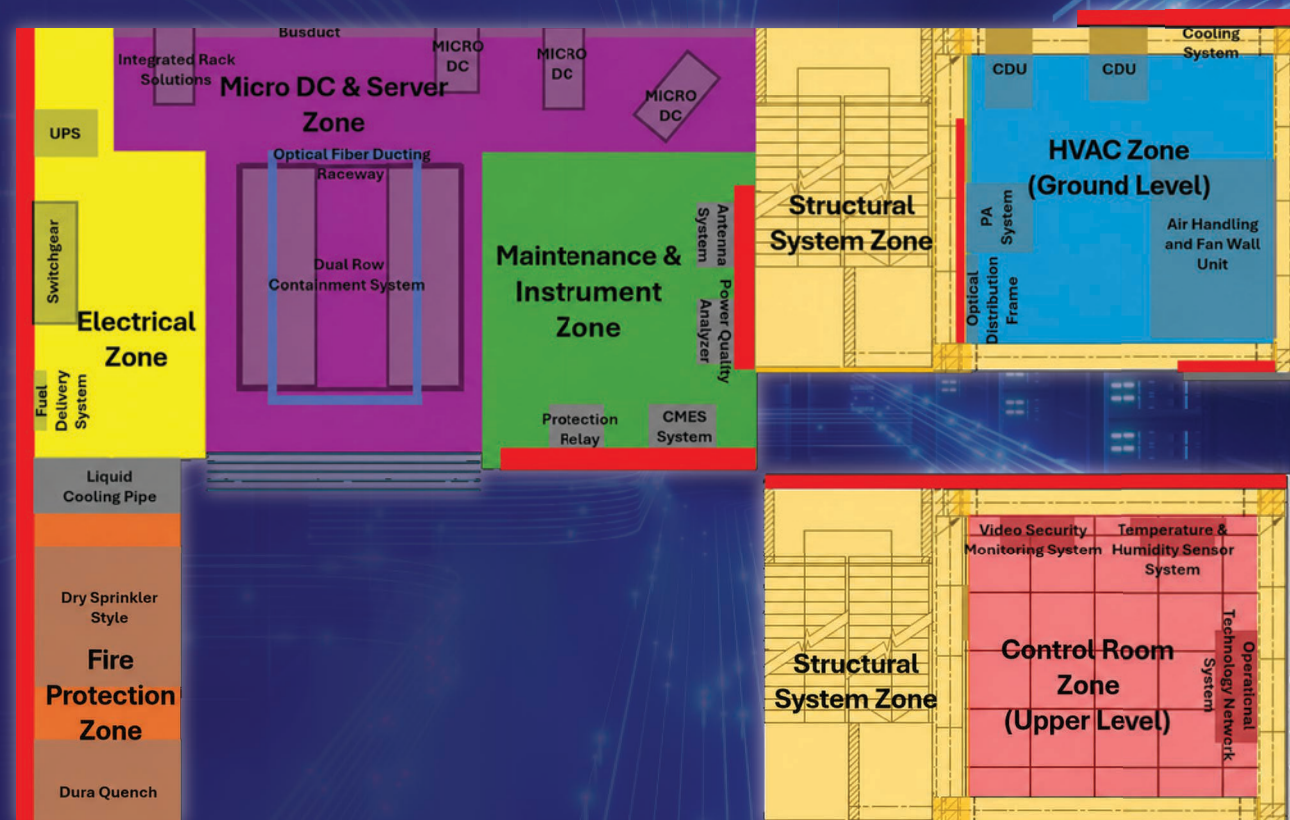
- Other Data Centre Infrastructure Solution & Technologies

Earn **1.5** BEM CPD HOURS*

LIVE SHOWCASE

DATA CENTRE INFRASTRUCTURE

Experience the Engineering Behind Next-Generation Data Centres



The digital world runs on infrastructure you don't see. Behind every connection, cloud service and digital experience is a complex built environment — engineered from the ground up to deliver resilience, reliability and performance.

From structural foundations and building systems to power, cooling and intelligent controls, every element plays a critical role in bringing a data centre to life.

EXPLORE 7 INTEGRATED INFRASTRUCTURE



SERVER INFRASTRUCTURE

The engine of the digital world



ELECTRICAL SYSTEMS

The power that keeps it running



HVAC & COOLING

The systems that keep performance alive



FIRE PROTECTION

The protection behind critical operations



MICRO DATA CENTRE

The future of flexible computing



CONTROL ROOM

The intelligence behind the system



STRUCTURAL SYSTEMS

The framework that supports digital infrastructure

POWER
COOLING
PROTECTION
INTELLIGENCE

The infrastructure systems that keep the digital world running.

Data Centre Infrastructure Showcase Partners :



Official M&E Contractor:



Office Furniture Partner:



THE DIGITAL WORLD MAY BE INVISIBLE. THE ENGINEERING POWERING IT ISN'T.

AI runs on data.
Data runs on infrastructure.
And infrastructure runs on
engineering.

Power has to reach thousands of
servers reliably. The enormous heat
generated by computing has to be
removed continuously. Buildings must
support heavy mission-critical
equipment while protecting it from fire
and other risks. And if one system fails,
another must be ready to take over.

This is the engineering challenge
behind the digital world — and the
story brought to life at the Data Centre
Infrastructure Live Showcase.

As Ir. Lee Cheng Pay, Chief Consultant
of the Data Centre Infrastructure Live
Showcase, explains:

“Four systems have to work as one:
electrical, cooling, structural,
and resilience.”

SEE THE SYSTEMS. UNDERSTAND THE ENGINEERING.
EXPERIENCE WHAT POWERS DIGITAL.



ENGINEER & MARVEX
**POWER TALK
INDUSTRY**

Earn **3** BEM
CPD
HOURS*

DATA CENTRE INFRASTRUCTURE

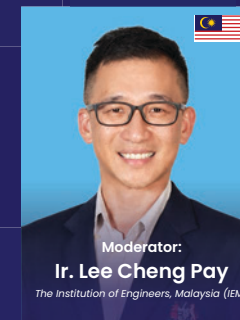
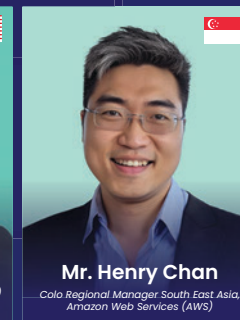
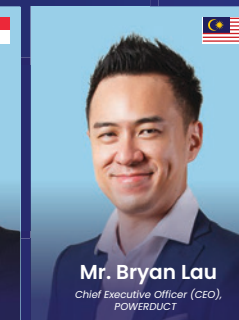
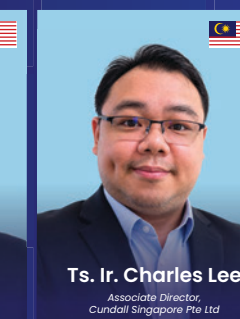
TUESDAY
22.09.2026

SESSION HOURS
10.30 AM — 3.00 PM

KL CONVENTION CENTRE

HALL 1

MEETING SPACE 1



TOPICS

①

Powering the Next Phase of
Data Centre Growth: Aligning
Demand, Infrastructure &
Investment Strategy

②

Designing Resilient &
Sustainable Data
Centres: Power, Cooling
& Regulatory Alignment

③

Enabling Regional Engineering
Mobility: Talent, Skills &
Knowledge Transfer for
ASEAN Data Centre Growth

Official M&E
Contractor:

Data Centre Infrastructure
Initiative Partners:



Earn **1.5** BEM CPD HOURS*

LIVE SHOWCASE

BATTERY ENERGY STORAGE SYSTEM

Discover the Future of Energy Storage



Battery Energy Storage System Showcase Partners :



Energy is changing. The question is: how do we make it work when we need it most?

As the world moves towards cleaner and smarter energy solutions, BESS are becoming the link between renewable power and reliable energy use — storing, balancing and delivering energy when it matters.

EXPLORE 6 KEY ENERGY STORAGE SYSTEMS



RENEWABLE ENERGY INTEGRATION

Connecting clean energy with smarter solutions



ENERGY MANAGEMENT SYSTEMS (EMS)

The intelligence behind energy decisions



POWER DISTRIBUTION & SWITCHGEAR

Delivering energy with reliability



BATTERY MODULES & THERMAL MANAGEMENT

Where energy is stored and protected



POWER CONVERSION SYSTEMS (PCS)

Transforming energy when it matters



FIRE PROTECTION & SAFETY SYSTEMS

Protecting the future of energy storage

| CLEAN ENERGY
| SMART STORAGE
| GREATER RESILIENCE

Transforming the way energy is stored, managed and delivered.

WHAT HAPPENS WHEN THE SUN GOES DOWN?

Solar generation rises during the day, falls when clouds arrive and stops altogether at night. Meanwhile, our demand for electricity doesn't simply switch off.

And as Malaysia adds more solar while electricity demand grows, particularly from energy-intensive industries and data centres — the grid needs a way to manage the gap.

This is where batteries come in. Battery Energy Storage Systems (BESS) can absorb excess energy when supply is available and release it when it is needed — helping to make variable renewable energy more usable and the grid more responsive.

As Ir. Alex Looi, Chief Consultant of the BESS Live Showcase, puts it:

“You are able to see, you are able to touch, you are able to trace, and you are able to question.”



CHIEF CONSULTANT

Ir. Alex Looi Tink Huey

**GENERATE IT. STORE IT.
USE IT WHEN IT MATTERS.**

BATTERY ENERGY STORAGE SYSTEM

THURSDAY
24.09.2026

SESSION HOURS
10.30 AM – 2.00 PM

KL CONVENTION CENTRE

HALL 1

MEETING SPACE 1



Moderator:
Ir. Alex Looi Tink Huey
Honorary Secretary of
The Institution of Engineers, Malaysia (IEM)



Ir. Gangatharan Sreedharan
Chief Engineer (Primary Solution Expertise),
Tenaga Nasional Berhad



Mr. Yoichiro Tashiro
Assistant Secretary,
International Electrotechnical
Commission (IEC)
Technical Committee 120



Mr. Ahmad Azmi Awang, CIBe
Director of Business Development,
BESSASIA Sdn Bhd



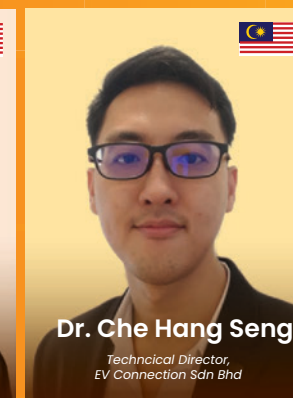
PPJB Ts. Dr. Mohd Zaid bin Ab Ghani
Assistant Fire Commissioner,
Fire and Rescue Department
of Malaysia (BOMBA)



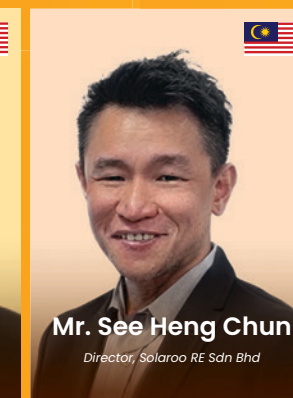
Moderator:
Ir. Kwok Yew Hoe
Council Member,
The Institution of Engineers, Malaysia (IEM)



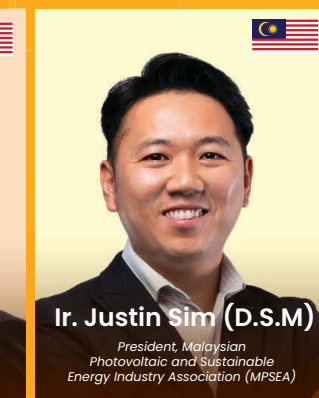
Mr. Damon Leong
Director of Malaysia Digital Power
Marketing and Solution Sales Dept,
Huawei Technologies Malaysia Sdn Bhd



Dr. Che Hang Seng
Technical Director,
EV Connection Sdn Bhd



Mr. See Heng Chun
Director, Solaroo RE Sdn Bhd



Ir. Justin Sim (D.S.M)
President, Malaysian
Photovoltaic and Sustainable
Energy Industry Association (MPSEA)

TOPICS

①

How Authorities, Utilities and Industry Can Align on BESS Safety, Approval and Grid Readiness

②

How to Design C&I Battery Energy Storage Systems for Performance, Safety and Commercial Viability

Earn **1.5** BEM CPD HOURS*

LIVE SHOWCASE

HVAC INNOVATION FOR SMART & GREEN BUILDING

The Invisible Intelligence Inside Smart Buildings



The future of buildings is being built where we least expect it.

Hidden beneath our feet, above our heads and within the systems around us, invisible technologies are quietly transforming how we experience the spaces we live and work in.

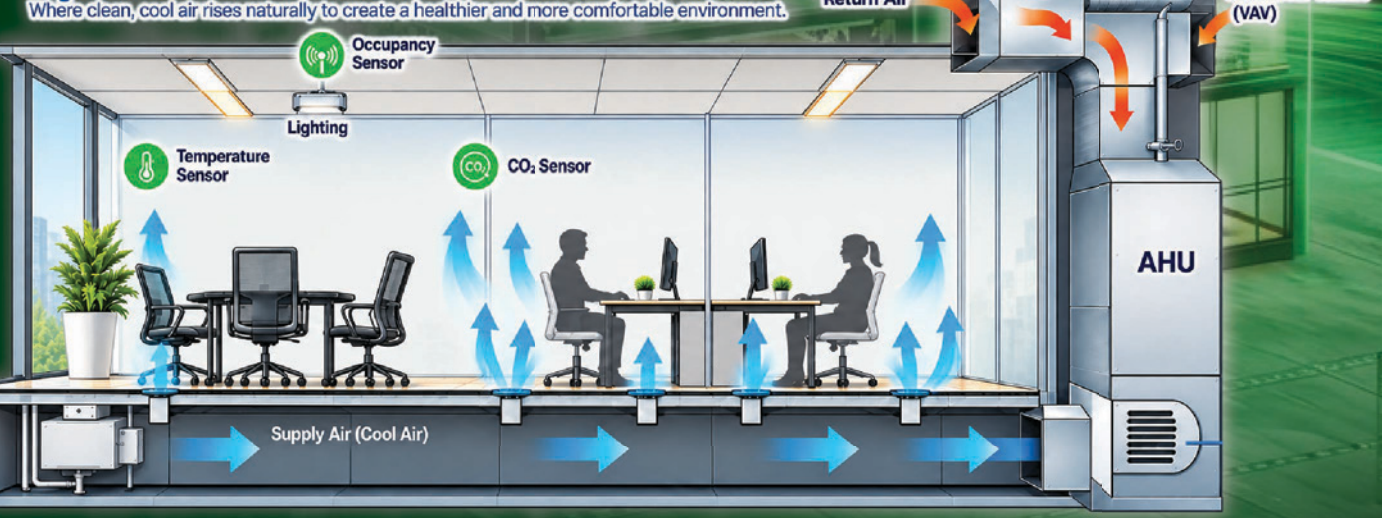
From Underfloor Air Distribution (UFAD) systems that deliver smarter airflow, to energy efficiency that enhances human comfort and real-time monitoring that helps buildings respond, these innovations are redefining what a truly smart and sustainable building can be.

Buildings are no longer judged only by how they look, but by how they make people feel.

As the industry moves towards a smarter, greener future, these innovations are redefining the spaces around us — creating environments that are healthier, more adaptable and built around the human experience.



Underfloor Air Distribution (UFAD) Systems Deliver Smart Air Flow



-  **UFAD**
Smarter Airflow.
Comfort from the ground up
-  **ENERGY EFFICIENCY**
Designed to reduce HVAC energy consumption by up to 30%
-  **REAL-TIME BUILDING MANAGEMENT SYSTEM (BMS)**
Buildings That Think with Real-time intelligence

| AIR | ENERGY | INTELLIGENCE

The next generation of buildings designed around people.

HVAC Innovation for Smart & Green Building Showcase Partners:



Office Furniture Partner:



Official Lighting Partner:



Official Network Partner:



Official Mechanical Contractor:



THE FUTURE OF HVAC ISN'T JUST ABOUT COOLING. IT'S ABOUT RESPONDING.

We spend almost 90% of our time indoors.

Yet most of us rarely think about what keeps a building comfortable, healthy and efficient. The temperature. The air. The humidity. The ventilation. All of it is being managed — mostly out of sight.

But as buildings become more energy-intensive and expectations for indoor environmental quality rise, the question is changing: Can a building understand what is happening inside it — and respond?

Ir. C.H. Au, Chief Consultant of the HVAC Innovation for Smart & Green Building brings together the technologies behind a more responsive approach to building performance:

“The future of buildings is not about one individual technology. It is about how different systems can be integrated to work together as one intelligent ecosystem.”

CHIEF CONSULTANT

Ir. Au Chong Hun

SENSE. ANALYSE. RESPOND.
EXPERIENCE THE BUILDING DIFFERENTLY.

HVAC&R TECHNOLOGY SERIES

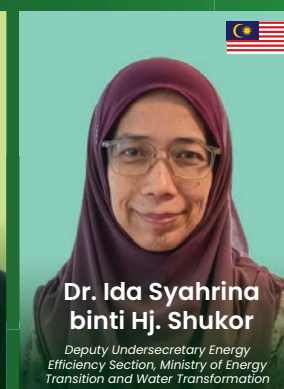
TUESDAY
22.09.2026

SESSION HOURS
10.30 AM – 2.00 PM

KL CONVENTION CENTRE

HALL 5

MEETING SPACE 5



TOPICS

①

Integrating energy, airflow, & water efficiency for intelligent high performance buildings

②

Future-Ready Refrigeration: Smarter, Greener & Integrated Cooling Systems

MALLS, HOTELS & FACTORIES: THE GROWING PRESSURE ON M&E OPERATIONS

THURSDAY
24.09.2026

SESSION HOURS
2.30 PM – 4.00 PM

KL CONVENTION CENTRE

HALL 5

MEETING SPACE 5



TOPICS

①

Retrofitting Under Load -
replacing ageing M&E while
operations keep running

②

The Landlord-Tenant-Operator
Split - who pays, who
consumes, who benefits

③

Chillers, Refrigerants and
the Cost of Waiting -
high-efficiency plant under
the new tariff reality

22 SEPT 2026 (TUE)

TIME & VENUE	TOPIC	SPEAKER
10:30 AM - 3:00 PM MEETING SPACE 1, HALL 1	Powering the Next Phase of Data Centre Growth: Aligning Demand, Infrastructure & Investment Strategy  Data Centre Infrastructure Initiative Partners:   	Ir. Lee Cheng Pay <small>CHIEF MODERATOR</small> The Institution of Engineers, Malaysia (IEM) Ruhaizan Mohamad Ibrahim Deputy Director (Business Services and Regional Operations Division), Malaysian Investment Development Authority (MIDA) Lee Mun Sam Chief Executive Officer, Eastern Pretech Solutions Sdn Bhd YTL Cement Chan Jian Wen Country Manager, Eaton Industries Sdn Bhd
	Designing Resilient & Sustainable Data Centres: Power, Cooling & Regulatory Alignment  Data Centre Infrastructure Initiative Partners:   	Ir. Aaron Chai <small>MODERATOR</small> The Institution of Engineers, Malaysia (IEM) Henry Chan Colo Regional Manager (South East Asia), Amazon Web Services (AWS) Toni Nguyễn APAC Sales Manager (Data Center), Midea Building Tech Derrick Koh Managing Director, Riello UPS (Distributed by Selesa Technology) Bryan Lau Tiew Hua Chief Executive Officer, Powerduct
	Enabling Regional Engineering Mobility: Talent, Skills & Knowledge Transfer for ASEAN Data Centre Growth  Data Centre Infrastructure Initiative Partners : 	Vivekananth Nadarajan <small>MODERATOR</small> Project Manager, Turner International Malaysia Sdn Bhd Ir. Habibie Razak Regional Director Energy - Indonesia & South East Asia, Surbana Jurong Group Indonesia Nik Hishamuddin Bin Nik Mohd Yusoff Senior Manager, Malaysia Digital Economy Corporation (MDEC) Yau Jin Hui Human Resources Director, Schneider Electric, Malaysia Tan Kok Yee Associate Director, Red Engineering Tractebel Sdn Bhd Ts. Ir. Charles Lee Weng Fei Associate Director, Cundall Singapore Pte Ltd
10:30 AM - 2:00 PM MEETING SPACE 5, HALL 5	Smart Airflow for Intelligent High-Performance Buildings: Integrating Energy, Air & Water Efficiency  HVAC&R Technology Knowledge Partner: 	Ir. Ts. Dr. Tony Cheng <small>CHIEF MODERATOR</small> Council Member, The Institution of Engineers, Malaysia (IEM) Dr. Ida Syahrina binti Hj. Shukor Deputy Undersecretary (Energy Efficiency Section), Ministry of Energy Transition and Water Transformation Ir. Au Chong Hun Managing Director, Primetech Engineers Sdn Bhd Thoo Kok Keong Director (Mechanical Engineering), Smartech International Sdn Bhd Ir. Fadzil Shah Managing Director, Xenergi Sdn Bhd

10:30 AM – 2:00 PM

MEETING SPACE 5,
HALL 5

Future-Ready Refrigeration: Smarter, Greener & Integrated Cooling Systems

1 BEM CPD HOURS M

HVAC&R Technology
Knowledge Partner:



Ir. Ts. Dr. Tony Cheng **CHIEF MODERATOR**
Council Member, The Institution of Engineers,
Malaysia (IEM)

Jack Wong
Project & Engineering Manager,
WB Refrigeration Sdn Bhd

Chew Soon Jin
CEO, NRS Process Systems Sdn Bhd

Ryan Ooi Chean Weai
Senior Principal Assistant Director,
Ozone Protection Section, Air Division,
Department of Environment, Malaysia

Ir. Huang Kah Yong
Director, CS Panel Sdn Bhd

11:00 AM – 12:30 PM

POWER SPACE 1,
HALL 1

Smart & Green: AI, IoT, Automation & Low Altitude Economy (LAE) for Net Zero

1.5 BEM CPD HOURS E IEM



Mr. Elanggovan Thanggavilo
Founder & Special Advisor,
Malaysia Drone Chamber Of
Commerce & Industry [MDCoCI]

2:30 PM – 3:30 PM

POWER SPACE 1,
HALL 1

Data Center Energy Storage System Fire Safety Critical Review of Local Framework, International Standards, and Assessment Methods

1 BEM CPD HOURS E IEM



Ir. Alan Chan
Fire Safety Consultant,
Fire CFD Sdn Bhd

4:00 PM – 5:00 PM

POWER SPACE 1,
HALL 1

BIM-Driven Integrated Prefabrication Solutions (IPS): Enhancing Safety, Productivity, and Sustainability through Optimized MEP Support Systems with Seismic Considerations

1 BEM CPD HOURS E IEM



Mr. Umesh Shelgaonkar
Head of Engineering, Hilti Malaysia

23 SEPT 2026 (WED)

TIME & VENUE

TOPIC

SPEAKER

10:30 AM – 12:30 PM

MEETING SPACE 1,
HALL 1

High-Performance Cement And Grouting Solutions For Modern Construction

2 BEM CPD HOURS E

Exclusive Thought Leader Partner:



Ms. Chew Siok Hoon
Senior Manager, Quality Control,
YTL Cement Berhad

Ms. Tan Peh Yih
Senior Technical Manager,
QuickMix Solutions Sdn Bhd

Mr. Gavin Chen Zi Jian
Technical Sales Manager,
QuickMix Solutions Sdn Bhd

11:00 AM – 12:30 PM

POWER SPACE 1,
HALL 1

Net Zero Energy Building: Engineering Pathway Towards Low-Carbon and Sustainable Facilities

1.5 BEM CPD HOURS E IEM



Ir. Noor Iziddin Abdullah Bin Ghazali
CEO of UiTM Energy & Facilities, UiTM Holdings

11:00 AM – 12:30 PM

LOUNGE 2,
HALL 2

Advancing Engineering Consultancy Through Collaboration and Professional Excellence

E



Datuk Ir. Ahmad' Asri Abdul Hamid
Member, BEM Strategic Plan 2026-2030 Programme
Committee 3.1.1, Board Of Engineers Malaysia

Ir. Dr. Nor Azhar Mohd Arif
Member, BEM Strategic Plan 2026-2030 Programme
Committee 3.2.1, Board Of Engineers Malaysia

11:00 AM – 1:00 PM

LOUNGE 5,
HALL 5

The Technical Compliance Chain: From Product Certification to Safe Site Execution

2 BEM CPD HOURS E IEM CIDB MALAYSIA



Mr. Ahmad Saiful Islam
Manager of the Construction Quality
Compliance Division, Construction Industry
Development Board (CIDB) Malaysia

Ir. Ng Kian Seng
Technical Director,
Sumi-Tech Industrial Supplies Sdn Bhd

Ir. Ts. Ahmad Afizul Haq bin Abdul Razak
Section Head for Enforcement and Special Risk,
Department of Safety and Health (DOSH)

3:00 PM – 4:00 PM

LOUNGE 5,
HALL 5

From Structural Design to Fabrication: A Practical Introduction to BIM and Open BIM Workflows



Mr. Afonso Miguel Solak

Corporate Development Director, Cype Software

3:00 PM – 4:30 PM

LOUNGE 2,
HALL 2

Powering Intelligent Cities: Smart Buildings For a Low-Carbon Economy



Dr. Stephen Poon

Chief Knowledge and Research Officer,
GMI Technologies Pte Ltd

3:30 PM – 5:00 PM

MEETING SPACE 1,
HALL 1

Digital Twin For AI Factories



Mr., Johnathan Yau Hoe Keat

Regional Data Centre Digital Solutions Lead,
Schneider

Grid Readiness for the AI Era: Balancing Energy Demand, Stability and Sustainability



Ir. Ts. Mahesvaran

Lead, Emerging Solution, TNBX

Making ESG Matter: From Commitments to Deliverables—a Faculty Success Narrative



Dr., Sivajothi Paramasivam

Academic Department Head (Retire), IET Malaysia

24 SEPT 2026 (THURS)

TIME & VENUE

TOPIC

SPEAKER

10:00 AM – 1:30 PM

LOUNGE 2,
HALL 2

National Energy Transition Roadmap Exco Platform Power Talk



Speaker from PETRA

PETRA

Ir. Ts. Zulkiflee Umar

Suruhanjaya Tenaga

Speaker from JKR

Jabatan Kerja Raya (JKR)

Mr. Peter Tan Chin Wah

Malaysian Air-Conditioning &
Refrigeration Association (MACRA)

Dato Dr Siew Choon Thye

Malaysia International Commission
on Illumination (MyCIE)

Puan Azlina Othman

MDV

Encik Azmir Abdullah

CIMB Bank Berhad

10:30 AM – 2:00 PM

MEETING SPACE 1,
HALL 1

How Authorities, Utilities and Industry Can Align on BESS Safety, Approval and Grid Readiness



Battery Energy Storage System
Knowledge Partners:



Ir. Alex Looi Tink Huey

CHIEF MODERATOR

Honorary Secretary,
The Institution of Engineers, Malaysia (IEM)

Yoichiro Tashiro

Assistant Secretary, International Electrotechnical
Commission (IEC) Technical Committee 120
for Electrical Energy Storage (EES) Systems

Ahmad Azmi Awang, CiDe

Director of Business Development,
BESSASIA Sdn Bhd

Ir. Gangatharan Sreedharan

Chief Engineer (Primary Solution Expertise),
Tenaga Nasional Berhad

PPjB Ts. Dr. Mohd Zaid bin Ab Ghani

Assistant Fire Commissioner, Fire and Rescue
Department of Malaysia (BOMBA)

How to Design C&I Battery Energy Storage Systems for Performance, Safety and Commercial Viability

1 BEM CPD HOURS E

Battery Energy Storage System Knowledge Partners:



Ir. Kwok Yew Hoe **CHIEF MODERATOR**

Council Member,
The Institution of Engineers, Malaysia (IEM)

Ir. Justin Sim (D.S.M)

President, Malaysian Photovoltaic and Sustainable Energy Industry Association (MPSEA)

Damon Leong

Director of Malaysia Digital Power Marketing and Solution Sales Dept, Huawei Technologies Malaysia Sdn Bhd

Dr. Che Hang Seng

Technical Director, EV Connection Sdn Bhd

See Heng Chun

Director, Solaroo RE Sdn Bhd

10:30 AM – 1:00 PM

MEETING SPACE 5,
HALL 5

DLCaaS® Direct Liquid Cooling as a Service: Aidc Liquid Cooling Full Chain Forum

M



Mr. Zhu Linjie

Technical Director, BDC

Ms. Maya Cao

ICA Market Intelligence Lead,
Data Center Business Unit,
Nanjing TicaClimate Solutions CO., LTD.

Mr. Lim Tai Chien

Strategic Account Manager, Haiwu Malaysia

Mr. Vincent Zeng

VP, Goaland Innovation

Mr. Eric Chen

CEO/Chief Analyst, Link 1+1

11:00 AM – 12:30 PM

POWER SPACE 1,
HALL 1

Engineering AI-Ready & Sustainable Infrastructure : The Future Role of Consulting Engineers

1.5 BEM CPD HOURS E



Ir. Chong Chew Fan

Immediate Past President,
Association of Consulting Engineers Malaysia (ACEM)

1:30 PM – 3:00 PM

POWER SPACE 1,
HALL 1

Bridging Standards and Practice for Engineering Technologist & Technician: BEM & IEM Roles in a National Aligned Workforce

1.5 BEM CPD HOURS E



Ir. Megat Johari bin Megat Mohd Noor

President, Malaysian Society for Engineering & Technology (MySET)

Ir. Dr. Bernard Lim Kee Weng

Chief Executive Officer, Sandcomm Sdn Bhd

2:00 PM – 3:30 PM

LOUNGE 2,
HALL 2

The Needs For Direct & Indirect Emission Inventory, Climate Accountability And Data Driven Decision Making

1.5 BEM CPD HOURS M



Dr., Shazwin Mat Taib

Lecturer, Universiti Teknologi Malaysia,
Faculty of Artificial Intelligence

2:30 PM – 4:00 PM

MEETING SPACE 5,
HALL 5

1. **Retrofitting Under Load — replacing ageing M&E while operations keep running.**
2. **The Landlord–Tenant–Operator Split — who pays, who consumes, who benefits.**
3. **Chillers, Refrigerants and the Cost of Waiting — high-efficiency plant under the new tariff reality.**

1 BEM CPD HOURS E M



PPK Malaysia
Malaysia Shopping Malls Association



Ir. Ts. Dr. Tony Cheng **MODERATOR**

Council Member, The Institution of Engineers, Malaysia (IEM)

James Au Kok Mun

Director of Engineering of Sunway Resort Hotel, Advisor of MHEA, Malaysia Hotel Engineers Association (MHEA)

Ir. Lum Youk Lee

Independent Director of EIPT Berhad, Secretary of PPK, Malaysia Shopping Malls Association (PPK)

Calvin Tan

Senior Manager, System Application & Energy Solutions, Asean–Oceania Applied Business, Daikin, Federation of Malaysian Manufacturing (FMM)

Guo Yu

Solution Engineer, Midea Building Tech

25 SEPT 2026 (FRI)

TIME & VENUE	TOPIC	SPEAKER
10:30 AM - 12:30 PM POWER SPACE 1, HALL 1	Water-Cooled Chiller And Vrf Systems: Performance Optimization And Energy Efficiency 2   	Ts. Ng Wen Bin Senior Lecturer, Universiti Kuala Lumpur - Malaysia France Institute (UniKL MFI)
11:00 AM - 12:30 PM LOUNGE 4, HALL 4	IEM-AER Asean Engineering AI Cyber Security Ready Programme  	Prof. Ir. Ts. Dr Tan Chee Fai Vice President, The Institution of Engineers, Malaysia (IEM)
2:00 PM - 3:30 PM POWER SPACE 1, HALL 1	Physics-Informed Artificial Intelligence For Smart HVAC & R Systems 1.5   	Dr. Chuah Lee Siang Physics Lecturer, Universiti Sains Malaysia
4:00 PM - 5:00 PM POWER SPACE 1, HALL 1	Digitalisation in Engineering & Built Environment 1   	Ir. (Dr.) S. Vignaeswaran PEPC Secretary / Treasurer of the Consulting Engineering Special Interest Group (CESIG)

POWER TALK BUSINESS

Engage with exhibitors showcasing solutions shaping engineering and HVAC&R. Learn about green data centres, energy-efficient ventilation, sustainable building technologies, AIoT energy-saving, and the latest in HVAC and LED innovations. Gain firsthand knowledge of the cutting-edge advancements driving your industry forward.

22 SEPT 2026 (TUE)

TIME & VENUE	TOPIC	SPEAKER
10:30 AM - 11:30 AM MEETING SPACE 4, HALL 4	Advancing Sustainable Cooling: Leveraging Passive Design with GreenRE Certification in Malaysia's HVAC Future 1  	Ts. Intan Siti Zulaikha Binti Mastor  Assistant Manager, GREENRE SDN BHD
11:30 AM - 12:30 PM MEETING SPACE 4, HALL 4	TSI Airflow PAN341 : Precision Duct Leakage Testing for High-Performance HVAC Systems 1  	Aden Chong  Product Manager / HVAC / Healthcare, AIRFLOW INSTRUMENTS SDN BHD (CHANNEL PARTNER OF TSI INCORPORATED)
12:30 PM - 1:30 PM MEETING SPACE 4, HALL 4	Next-Generation Data Centre Cooling: Air-Cooled Magnetic Bearing Chiller Technology 1  	Simon Tan Tze Wei  Product Marketing Manager, DUNHAM-BUSH INDUSTRIES SDN BHD
2:00 PM - 3:00 PM MEETING SPACE 4, HALL 4	Secure, Dual-Network Communications for the AI-Era Data Centre — DMR + LTE + AI on One Terminal 1  	Patrick Ku  Country Manager, EVERTAC SOLUTION MALAYSIA SDN BHD

3:00 PM – 4:00 PM
MEETING SPACE 4,
HALL 4

User-Centric AI for Future Building Automation – AI Energy Saving and AI Agents

Michael Li
Chief Executive Officer (CEO),
BEIJING HAILIN CONTROL TECHNOLOGY CO., LTD



1

4:00 PM – 5:00 PM
MEETING SPACE 4,
HALL 4

Extek: Heat Exchange for the Entire Data Center Cooling Chain

Lois Yang
Overseas Data Center Business Development,
Zhejiang Extek Technology Co., Ltd.



1

4:00 PM – 5:30 PM
MEETING SPACE 5,
HALL 5

Beyond Cooling: Accelerating Data Center Performance with Carrier Quantumleap™

Chong Wai Yen
Director of Data Center & Global
Enterprise Solutions,
Carrier Asia Pacific & Middle East



Adopting AI Solutions for High-Performance Buildings: From Insight to Impact

Hossain Towhid
Sales Director,
Carrier Southeast Asia



1.5

23 SEPT 2026 (WED)

TIME & VENUE

TOPIC

SPEAKER

10:30 AM – 11:30 AM
MEETING SPACE 4,
HALL 4

Precise Airflow Control Technologies and Applications in Critical Environment

Charice Lam
AIRFLOW INSTRUMENTS SDN BHD



1

11:30 AM – 12:30 PM
MEETING SPACE 4,
HALL 4

Optimizing HVAC Performance: The Power of Fluid Conditioning & Pressurization

Jimmy Wang Yan Hong
Country Manager APAC Region, Spirotech BV,
NYKK ENGINEERING GROUP SDN BHD



Decoding Low Harmonic 3-Level Inverter Technology In VFDs

Arjun Gopal Venugopalan
Head – Key Account Development,
Yaskawa Electric, India,
NYKK ENGINEERING GROUP SDN BHD



1

12:30 PM – 1:30 PM
MEETING SPACE 4,
HALL 4

Understanding TCO and the Importance of IAQ for Buildings

Jeremy Cheong
Junior Product Manager, APAC,
CAMFIL



1

2:00 PM – 3:00 PM
MEETING SPACE 4,
HALL 4

Cooling the Digital Future: Best Practices and Innovations in Data Centre Cooling with Wilo Solutions

He Dong Bo
Technical Sales Manager,
WILO CHINA LTD



1

3:00 PM – 4:00 PM
MEETING SPACE 4,
HALL 4

Your Factory is One of a Kind. Your MES Should Be Too

Sean Lim
Chief Executive Officer,
INTELLOGIC TECHNOLOGY SDN BHD



1

4:00 PM – 4:30 PM
MEETING SPACE 4,
HALL 4

Next-Generation Reinforcement: Exploring the Potential of Starbars (Gfrp)

Huang Mei Si
Co-Founder/ Deputy Managing Director,
CRT MANUFACTURING SDN BHD



4:30 PM – 5:30 PM
MEETING SPACE 4,
HALL 4

AI-Driven Edge Architecture: Transforming Building Operations and Enterprise Integration

Jin Kim
North East Asia Business
Development Manager,
DELTA INTELLIGENT BUILDING
TECHNOLOGY



1

24 SEPT 2026 (THURS)

TIME & VENUE	TOPIC	SPEAKER
10:30 AM - 11:30 AM MEETING SPACE 4, HALL 4	Powering the Future: Transforming Electrical Infrastructure with Eaton Brightlayer 1  	Nicholas Tee Software Solution / Presales, EATON INDUSTRIES SDN BHD 
11:30 AM - 12:30 PM MEETING SPACE 4, HALL 4	The Foundation for What Builds Tomorrow: Engineering Floors for Automation, Robotics and Smart Logistics 1  	Tajul Zaffli Mohd Zaki Technical Sales Manager, COGRI MALAYSIA SDN BHD 
12:30 PM - 1:30 PM MEETING SPACE 4, HALL 4	Autonomous Eeca Compliance & Energy Optimisation: A Live Demonstration of Generative AI Running Your Ems and Building Automation System 1  	Tan Kah Wooi Chief Solution Architect, TANAND TECHNOLOGY SDN BHD 

24 SEPT 2026 (THURS)

TIME & VENUE	TOPIC	SPEAKER
2:00 PM - 3:00 PM MEETING SPACE 4, HALL 4	Smarter Control, Lower Energy, Better Building Performance 1  	Ir. Ts. Harry Hor Customer Service Assistant Manager, BECKHOFF AUTOMATION SDN BHD  Alexey Orlov International Building Automation Industry Manager, BECKHOFF AUTOMATION SDN BHD 
3:00 PM - 4:00 PM MEETING SPACE 4, HALL 4	Accelerating Data Center Delivery: Innovative Piping Solutions for Faster, Safer, and More Sustainable Construction 1  	KW PAK Regional Sales Manager , VICTAULIC MALAYSIA SDN BHD 
4:30 PM - 5:30 PM MEETING SPACE 4, HALL 4	Fischer Fixing & Installation Solution 1  	Edwin Soo Business Development Manager , FISCHER SYSTEMS ASIA PTE LTD 



To claim your BEM Continuing Professional Development (CPD) hours, please follow these guidelines:

- Registration: Ensure your tag is scanned and provide your details to the crew at the registration counter for attendance.
- **BEM CPD Hours:** Attend selected talks to claim your CPD hours accordingly via the BEM's member portal. For IEM members, the BEM CPD hours will be credited automatically. Scan the QR code at the registration counter to obtain the reference number.
- Note: All talks will indicate the approved BEM CPD hours, if applicable.



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22 - 23 SEPT 2026



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24 SEPT 2026



**DATA, AI AND
INFRASTRUCTURE FOR
SMART MALAYSIA**
25 SEPT 2026



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23 SEPT 2026



**SMARTER, ENERGY-EFFICIENT
HVAC&R OPERATION AND
MAINTENANCE**
24 SEPT 2026

KEY TAKEAWAYS



**NET ZERO BY
STANDARDS**



**SMART CITIES,
STRONGER MALAYSIA**



**FUTURE-READY
DATA CENTRES**



**EFFICIENT
SUSTAINABLE COOLING**



**EFFICIENT
OPTIMISED SYSTEMS**



**LOW IMPACT
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Sustainability & Performance

Where Malaysia's Built Environment **Leadership** Comes Together.

22 - 23 SEPT 2026



KL CONVENTION CENTRE
KUALA LUMPUR, MALAYSIA

DAY 1 | 22 SEPT | 2.00PM - 5.00PM

DAY 2 | 23 SEPT | 9.00AM - 5.00PM



OPENING KEYNOTE & OFFICIATION

YB Hannah Yeoh

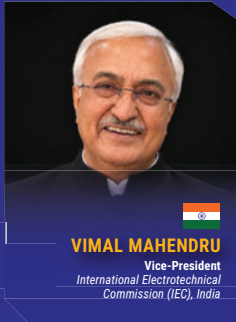
Minister in the Prime Minister's
Department (Federal Territories)



**Ts. SYED HAZNI
BIN ABD GANI**
Chief Executive Officer
Construction Research Institute
of Malaysia (CREAM)



TUAN SEE CHEE KONG
Director General
Department of Standards Malaysia



VIMAL MAHENDRU
Vice-President
International Electrotechnical
Commission (IEC), India



KEVIN DARE
Chief Executive Officer
CoGRI Group Ltd, UK



**AHMAD ZUHAIRI
BIN MUZAKIR**
Senior Director
Nuclear Energy Programme
MyPOWER Corporation, Malaysia

AND
MANY MORE...



**YS PKPJB TUAN
KAMARULZAMAN
MALIK BIN ABDULLAH**
Director, Planning & Research Division
Fire and Rescue Department
of Malaysia (FDRM)



EUGENE QUAH
Country President, Malaysia
Schneider Electric Sdn Bhd



**Ir. IFFAH HANNAH
MULUK**
Deputy Director
Suruhanjaya Tenaga
(Energy Commission), Malaysia



**Ir. Ts. MAXX
WONG MENG FAI**
Chief Technology Officer
YTL Data Centers, Malaysia



Ir. Ts. PUAH KUAN HUA
Senior Manager, Technology (Electrical)
DayOne Data Centers
Malaysia



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approved 14 days before
the event

CATEGORY

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IEM GRADUATE MEMBERS
NON-MEMBERS
STUDENTS

All tickets are subject to 8% SST.

*Group rates are available in the registration link.

UNTIL 11TH SEPT

EARLY BIRD

RM 500
RM 300
RM 750
RM 100

STANDARD

RM 850
RM 500
RM 1,050
RM 300



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SEPT 2026**
10AM > 6PM

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OPERATION AND MAINTENANCE
FOR SMARTER, ENERGY-EFFICIENT
AND RESILIENT BUILDINGS**

24 SEPT 2026

KL CONVENTION CENTRE, MALAYSIA

9AM - 5PM



**OPENING KEYNOTE BY
CHANDRA SEKHAR, PHD.**

Professor, Department of the Built Environment, National University of Singapore; Fellow ASHRAE, ISIAQ and Engineers Australia; ASHRAE Distinguished Lecturer; ASHRAE Vice President and Board Member (2023-2025)

A.C.E Conference 2026 brings together HVAC&R and building services professionals from across Asia to explore smarter operations and building performance. Now in its second edition, it's the region's platform for turning best practices into real operational results.

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DISCUSSION
AREAS**



**FUTURE-READY
HVAC&R OPERATIONS**



**ENERGY INFRASTRUCTURE &
COOLING PERFORMANCE**



**OPERATIONAL EXCELLENCE
ACROSS BUILDING TYPES**



**STANDARDS, SKILLS
& THE RIGHT APPROACH**



VINCENT SAKRAIDA

ASHRAE Distinguished Lecturer
Chairman,
ASHRAE TC 9.11 Clean Spaces
Technical Committee
Director, Data Centre Engineering,
Geronimo Power



BARRY LAU

President
ASHRAE Hong Kong Chapter
Head of Building Services
Swire Properties, Hong Kong



BIN LIN

ASHRAE Macau Chapter
Facilities Manager
Facilities Management Operation
MGM Cotai, Macau



NIC CHONG

Managing Director
GreenBay CES Sdn Bhd
Malaysia



Ts. ADRIAN LIM

Chief Operating Officer
KJTS Group Bhd
Malaysia



TAN KOK YAN

ASHRAE Malaysia Chapter
2026/2027: YEA Chair
Executive, Engineering (Mechanical)
Resorts World Genting, Malaysia



**Ir. Ts. ONG MUM FEI
(VINCENT)**

Managing Director
Icents Group
Holdings Berhad

AND MANY MORE...



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STUDENTS**

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RM 1,200
RM 400**

STANDARD

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RM 1,550
RM 600**



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CENTRE, MALAYSIA**

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Delivering Efficient and Affordable Cooling with Sustainable HVAC&R Solutions



Markus Lattner

Managing Director, Eurovent Middle East



Mark Padwick

President, Australian Refrigeration Equipment
Manufacturers Association (AREMA)



Peter Tan Chin Wah

Immediate Past President, Malaysian Air Conditioning
& Refrigeration Association (MACRA)



Xie Baogang

Assistant to Chairman of China Refrigeration and
Air-Conditioning Industry Association (CRAA)



Nguyen Dinh Vinh

PhD, Member of Executive Board, Vietnam Society of Refrigeration
and Air conditioning (VISRAE) & Founder of ITC TECHNOLOGY JSC



Won Moon Fui

Deputy Director - Engineering, Dunham-Bush Malaysia



Guo Yu

Solution Engineer, Midea Building Tec, China



Ts. Dr. King Yeong Jin

Senior Lecturer, School of Engineering, Taylor's University
Board of Governors, ASHRAE Malaysia Chapter



SCAN/TAP
TO REGISTER

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22-25
SEPT 2026
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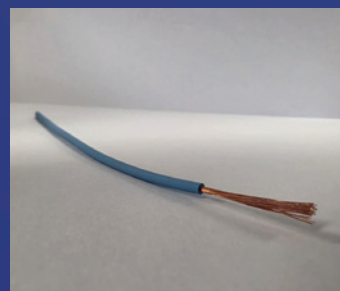
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NOMINEE

**10INCH WEB HMI BACNET GATEWAY
AND PLC ALL IN ONE**

Booth No.: **2T228 • HALL 2**
Company Name: **SINGAPORE MILESGO IIOT PTE. LTD**




EXCELLENCE
AWARD 2026
NOMINEE

600/1000V SINGLECORE LSHF FRT WIRE

Booth No.: **1J122 • HALL 1**
Company Name: **MESLA WIRE & CABLE SDN BHD**




EXCELLENCE
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NOMINEE

**APPION TEZ6 TWO-STAGE VACUUM PUMP
WITH 5-SECOND OIL CHANGE**

Booth No.: **5J475 • HALL 5**
Company Name:
ARVO AIRCOND REFRIGERATION TOOLS SUPPLY SDN BHD




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AXIBLADE PERFORM

Booth No.: **4B363 • HALL 4**
Company Name: **EBM-PAPST SEA PTE LTD**



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BATTERY ENERGY STORAGE SYSTEM (BESS)

Booth No.: **2R219 • HALL 2**
Company Name: **REVOLUCION TECHNOLOGY SDN BHD**



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BUILD COLD ROOM

Booth No.: **5N533 • HALL 5**
Company Name: **CS PANEL SDN BHD**



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AWARD 2026
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CAMFIL OPAKFIL ES

Booth No.: **5K481 • HALL 5**
Company Name: **CAMFIL MALAYSIA SDN BHD**



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CURVE BAR GRILLE

Booth No.: **4B367 • HALL 4**
Company Name: **FLEXDUR TECHNOLOGY SDN BHD**



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DBV 6PRO FULL DC INVERTER VRF SYSTEM

Booth No.: **5L505 • HALL 5**
Company Name: **DUNHAM-BUSH SALES & SERVICES SDN BHD**



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DELTA O3 EDGE

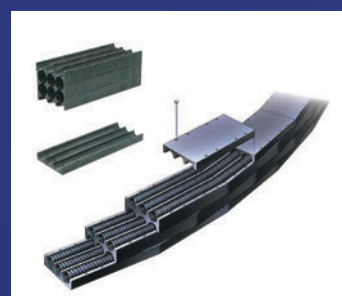
Booth No.: **4D397 • HALL 4**
Company Name: **DELTA INTELLIGENT BUILDING TECHNOLOGIES INC, SYNERGISM CONCEPT SDN BHD, ENCTECH ENGINEERING SDN BHD**



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DIRIS DIGIWARE

Booth No.: **2R216 • HALL 2**
Company Name: **CONTROLS HANDLING ENGINEERING SDN BHD**



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DUCT BANK LIGHT

Booth No.: **4E421 • HALL 4**
Company Name: **TROCELLEN S.E.A SDN BHD**



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EATON GSNI-40.5L AC METAL-ENCLOSED GAS INSULATED SWITCHGEAR

Booth No.: **1E089 • HALL 1**
Company Name: **EATON INDUSTRIES SDN BHD**



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EVM8810E ALL-IN-ONE VOICE ALARM CONTROLLER

Booth No.: **1C051 • HALL 1**
Company Name: **AMPERES ELECTRONICS SDN BHD (PA SYSTEM)**



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EXTEK COMPOSITE CLOSED-CIRCUIT COOLING TOWER

Booth No.: **5Q537 • HALL 5**
Company Name: **NOVACO RESOURCES SDN BHD**



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FULLY ISOLATED DUAL ROW HOT AISLE CONTAINMENT SYSTEM

Booth No.: **1A020 • HALL 1**
Company Name: **CITEC INTERNATIONAL SDN BHD**



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AWARD 2026
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HAILIN CONTROLS AI ENERGY SAVING SOLUTION

Booth No.: **5Q537 • HALL 5**
Company Name: **NOVACO RESOURCES SDN BHD**



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AWARD 2026
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HITEC POWERPRO2700 DYNAMIC ROTARY UPS

Booth No.: **1K149 • HALL 1**
Company Name: **VSAT SDN BHD**



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INTELLIGENT VAV/CAV VALVES

Booth No.: **4H463 • HALL 4**
Company Name: **AIRFLOW INSTRUMENTS SDN BHD**



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AWARD 2026
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INTELLIGENT RACK COOLING (IRC-I)

Booth No.: **1A020 • HALL 1**
Company Name: **CITEC INTERNATIONAL SDN BHD**



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AWARD 2026
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MICROSTRAIN 3DM-GV7-INS INERTIAL NAVIGATION SYSTEM

Booth No.: **2M187 • HALL 2**
Company Name: **INNOMATRIX TECH SDN BHD**



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MOVA (WALL-MOUNTED AIR CONDITIONER)

Booth No.: **5M509 • HALL 5**
Company Name:
SAMYOU ENVIRONMENTAL TECHNOLOGY SDN. BHD.



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MX-SYSTEM

Booth No.: **1F093 • HALL 1**
Company Name: **BECKHOFF AUTOMATION SDN BHD**



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NANOREFRIGERANT

Booth No.: **4F416 • HALL 4**
Company Name: **ECOFLOW PTE. LTD.**



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OPTISONIC 6300

Booth No.: **2P302 • HALL 2**
Company Name: **VECTOR R ASIA SDN BHD**



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ReBESS

Booth No.: **2Q205 • HALL 2**
Company Name: **REACTIVE ENERGY SDN BHD**



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RED5-PLUS

Booth No.: **4D397 • HALL 4**
Company Name: **DELTA INTELLIGENT BUILDING TECHNOLOGIES INC,
SYNERGISM CONCEPT SDN BHD, ENCTECH ENGINEERING SDN BHD**



MARVEX
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AWARD 2026
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REFRIGERANT RECOVERY MACHINE

Booth No.: **4G439 • HALL 4**
Company Name: **SEIMEI ENGINEERING (M) SDN BHD**



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RIELLO UPS M2X

Booth No.: **1A033 • HALL 1**
Company Name: **SELESA TECHNOLOGY SDN. BHD.**



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TSI-AIRFLOW PAN341 DUCT LEAKAGE TESTER

Booth No.: **4H465 • HALL 4**
Company Name: **TSI INCORPORATED**



MARVEX
EXCELLENCE
AWARD 2026
NOMINEE

V9 VRF

Booth No.: **5L495 • HALL 5**
Company Name:
MIDEA SCOTT & ENGLISH ELECTRONICS SDN BHD



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VHRC-10-AC

Booth No.: **1C055 • HALL 1**
Company Name: **VISIONTEC SYSTEM SDN BHD**



ENGINEER
EXCELLENCE
AWARD 2026
NOMINEE

YASKAWA U1000 LOW HARMONIC DRIVE

Booth No.: **4F412 • HALL 4**
Company Name: **NYKK ENGINEERING GROUP SDN BHD**



SCAN TO VIEW
THE **AWARD**
NOMINEES

PLAN YOUR VISIT

TRANSPORT & PARKING OPTIONS FOR KLCC



Planning your journey in advance will help you navigate seamlessly between both locations and make the most of your time at the exhibition.



BY RAIL

LRT:

- **KLCC LRT Station – Kelana Jaya Line.** Approx. 5 – 8 mins walk through Suria KLCC pedestrian tunnel.

MRT:

- **Conlay MRT Station – Putrajaya Line.** Approx. 5 – 7 mins walk along Jalan Kia Peng.
- **Persiaran KLCC MRT Station – Putrajaya Line.** Approx. 8 – 15 mins walk along KLCC Park and walkways.

MONORAIL:

- **Raja Chulan Monorail Station** – Approx. 10 – 15 mins walk along Jalan Perak.



BY BUS:

- Several city bus routes service the KLCC area. Please check local bus schedules for the suitable routes.



BY TAXI OR RIDE-HAILING:

- Taxis and e-hailing services like Grab provide direct access to KLCC.



PARKING

- KLCC offers extensive on-site parking facilities. Alternatively, you may park at surrounding buildings such as Suria KLCC.



ACCOMMODATION

- Visit the **ENGINEER** and **MARVEX** website for a full list of official hotels.



BY KLIA EKSPRES

1. Special fare KLIA Ekspres return tickets at RM85.00 per delegate.
2. Special fare for the KLIA Ekspres VIP service at RM145.00 per delegate.
 - Selling period: **Now until 25 September 2026**
 - Travel period: **15 September 2026 until 7 October 2026**
 - Promo code: **ENGMR26**
 - Booking Platform: **ERLSB website or mobile app only**



FLIGHT



ENJOY:

20% discount with Malaysia Airlines
15% discount with Firefly

BOOKING PERIOD:

16 May – 24 Sept 2026

TRAVEL PERIOD:

15 Sept – 2 Oct 2026

PROMO CODE:

Malaysia Airlines: **MHENGMI5**

Firefly: **FYENGMI5**

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— YOUR CHANCE TO TAKE HOME —

TECH WIZARD PACK

EVERYTHING AN ENGINEER NEEDS ON-SITE AND ON THE MOVE.



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Samsonite Backpack



Xiaomi Hypercharge Power Bank



Garmin Forerunner Watch

*Terms and conditions apply

STEP 1



Scan the QR code or key in bit.ly/4e6PIHT in your mobile browser

STEP 2

- **Pre-registered Visitors** (Login using email & password)
- **Non registered Visitors** click on *Don't have an account?* to register



STEP 3

Present your QR code at the registration counter/self check-in kiosk to print your tag



PHILIPS

EFFORTLESS COMFORT, EVERY MOMENT

PHILIPS AIR CONDITIONER 1.0HP RAC DELUXE SERIES



GREY SILVER



WHITE



CHAMPAGNE GOLD

JOIN OUR LAUNCH GIVEAWAY*

Celebrate Our New Product Launch and Stand a Chance to Win
a **Philips Air Conditioner 1.0HP RAC DELUXE SERIES**

HOW TO WIN

- 1  Like our Facebook page (**Philips Smart Living**) and share our launching post
- 2  Follow our Instagram account, post a story and tag us @philipsmartliving

LAUNCHING SESSION

-  22 Sep 2026
-  2:30PM-3:30PM
-  Meeting Space 5, Hall 5

Giveaway period: 22-25 Sep 2026 | Winner announced on the last day of the event

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Engineering Energy. Protecting Infrastructure. Powering Tomorrow.

Pekati Group brings together expertise in Power Generation, Power Distribution, Power Protection, and Operations & Maintenance to deliver end-to-end engineering and energy solutions.

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Engineered for a Brighter & Sustainable Future.



INDUSTRIAL FLEX

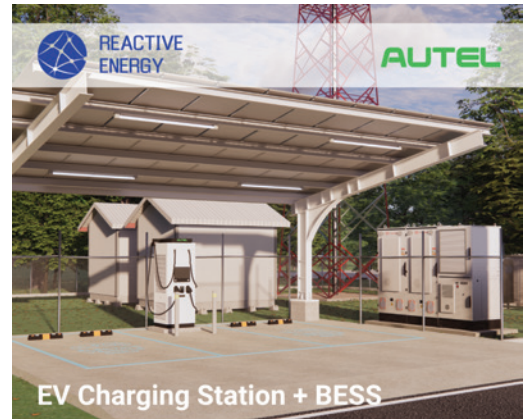
A scalable solution up to 2MWh using BYD MC Cube-T to create highest energy density in smaller footprint form factor

High-Density Energy Storage, Maximum Industrial Flexibility

Industrial Flex is a scalable Battery Energy Storage System (BESS) solution, expandable up to 2 MWh using the BYD MC Cube-T. Its compact, high-energy-density design minimizes site footprint while enabling faster and simpler on-site installation. Built on BYD's proven Tier 1 battery technology, it offers strong bankability, ultra-safe blade battery, long-term reliability, and reduced project risk. The modular architecture also allows future capacity expansion to meet growing energy demands with minimal disruption.

Powering Faster EV Charging, Anywhere in Malaysia

With extensive experience delivering DC fast charging solutions nationwide, we address sites with limited grid capacity through intelligent power management and energy storage integration. In partnership with Autel, we deploy reliable, technologically advanced charging equipment that delivers high performance and future-ready capabilities. Our solutions reduce infrastructure upgrade costs, accelerate deployment timelines, and enable dependable EV charging with minimal impact on the existing electrical network.



EV Charging Station + BESS

Our experience in building DC fast charging station solution for EV charging projects nationwide solving limited power issues

<http://www.reactiveenergy.com.my/>

ANEW

Engineer the Way You Work.

Ergonomic workspaces for better focus, movement and performance.

Workspace Systems
Ergonomic Solutions
Workplace Transformation



1K153

HALL 1

Smarter Renewable Energy Solutions

Established in 2009, ERS Energy is a leading renewable energy solutions provider with a regional footprint surpassing 2GWp across the Asia Pacific. Driven by a 500-strong workforce, we leverage extensive engineering expertise to deliver optimised renewable energy systems for utility-scale, commercial, and residential applications. Built on a solid foundation of disciplined project management and a zero-abandonment track record, we ensure reliable, high-performance delivery every time. By remaining focused on the strategic financial and energy goals of our partners, we deploy solar infrastructure and advanced storage solutions that drive long-term value across residential, commercial and utility sectors.




BESS LIVE SHOWCASE

HALL 2



Where Energy Storage Meets Reliable Connectivity

LAPP Malaysia, a leading provider of German-engineered cable and connectivity solutions with over 50,000 products, is showcasing the **Deye MS-G(S)215-2H3 215kWh C&I BESS**, along with **LAPP ESS and photovoltaic cable technologies**. Discover how energy storage and reliable connectivity can drive sustainability, boost productivity and improve operational efficiency.

**DEYE MS-G(S)215-2H3
215kWh C&I BESS**



Deye

Supported by:





Weather and UV-Resistant
DC ESS Cable



Weather and UV-Resistant
Photovoltaic Cable

2N188

HALL 2



From Utility to Home: Zenergy ESS

Discover Zenergy's energy storage solutions, from 5.01-14.56MWh utility-scale ESS to modular C&I Power Cube series, and residential battery packs. Designed for diverse energy needs, our portfolio offers flexible configurations, with lithium-ion or sodium-ion battery options. OEM, ODM and Customization are also available to meet specific project requirements. Visit us to explore the right solution for your project.



1E076

HALL 1




Detect Battery Risks Before They Escalate

As li-ion batteries become more widely used, early hazard detection is becoming more important. Through Li-ion Tamer®, VSAT and GreenBay provide an off-gas detection solution that identifies battery warning signs before thermal runaway, helping operators respond earlier and better protect people, assets and operations.



4P394
HALL 4



Intelligent AI for High-Performance Buildings

Discover ADF-OMNI, an AI-powered Building Management System that optimizes HVAC performance, reduces energy consumption, and enhances operational efficiency. Explore our intelligent analytics, real-time monitoring, predictive optimization, and wireless monitoring solutions designed to help commercial buildings achieve smarter, greener, and more sustainable operations.



4G447
HALL 4



We are Asli Mechanical Sdn. Bhd.

With over 30 years of expertise, Asli Mechanical delivers precision-engineered ventilation systems and air distribution solutions trusted across Malaysia, Singapore and Thailand. We combine quality craftsmanship, customised HVAC solutions and reliable partnerships to meet diverse commercial and industrial air needs.

At Asli Mechanical, we aim to be recognised globally for quality in air distribution solutions, enhancing environments and enriching lives worldwide.



RA/RAC
Bar Grille



MCSFD60
Motorized Calcium
Silicate Fire Damper

Tested and conform to BS476: Part20:1987



FLD-FP
Fan Powered
Floor Diffuser



MFSD60-LL
Motorized Fire &
Smoke Damper

Tested in accordance to UL555S.
Leakage rating Class 1.



5T568
HALL 5



HIGH-EFFICIENCY UFAD AHU FOR PRECISION AIR DISTRIBUTION

Smartech's UFAD AHU is purpose-engineered for underfloor air distribution in commercial HVAC applications, featuring advanced chilled-water coil technology, a dual centrifugal EC fan system, and high-efficiency filtration. Equipped with control modules for precise fan speed modulation and a specialized inlet guide grille to optimize airflow and reduce fan noise, it delivers efficient indoor comfort. Discover Smartech's latest HVAC innovation at MARVEX 2026, KLCC.



ENGINEER & MARVEX

ideas COMPETITION

PITCH FOR TOMORROW

Theme:

THE RESPONSIVE SKIN
PASSIVE COOLING
VIA KINETIC DESIGN

Final Round
25 SEPTEMBER 2026

MEETING SPACE 4, HALL 4, KLCC

10AM - 5PM



INSTALLATION | TESTING | COMMISSIONING

AIR-CONDITIONING & REFRIGERATION SKILLS COMPETITION

25 **SEPT 2026** **FRIDAY**
10:30AM > 4:00PM

**MEETING SPACE 5, HALL 5
KL CONVENTION CENTRE**



For Competition Details:

 enquiry@macra.org.my

 **+6012-239 3115**

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22 > 25 **KLCC**
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KL CONVENTION
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BOOTH NO. 2U244 · HALL 2

FEATURED ASHRAE PUBLICATIONS

Explore selected
standards, guidelines &
design references



DESIGN & COMMISSIONING

-  ASHRAE Guideline 1.1-2025-Application of the Commissioning Process to New HVAC&R Systems
-  Guideline 41-2023, Design, Installation, and Commissioning of Variable Refrigerant Flow (VRF) Systems
-  Advanced Energy Design Guide for Medium to Big Box Retail Buildings: 50% Energy Savings



STANDARDS

-  ANSI/ASHRAE Standard 62.1-2025 [Ventilation and Acceptable Indoor Air Quality]
-  ASHRAE Standard 90.2-2024 -High-Performance Energy Design of Residential Buildings
-  Standard 228-2023 -- Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance



ENERGY & DATA CENTRES

-  ASHRAE Standard 90.2-2024 High-Performance Energy Design of Residential Buildings Standard 202-2024 -- Commissioning Process for Buildings and Systems
-  Thermal Guidelines for Data Processing Environments, Fifth Edition, 2024
-  Smart Grid Application Guide: Integrating Facilities with the Electric Grid
-  Guide for Resilient Energy Systems Design in Hot and Humid Climates, 2023
-  ASHRAE Design Guide for Large Energy Thermal Storage

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EXHIBITION DATE

TIME

22 – 25 SEPT 2026 (TUESDAY – FRIDAY) 10AM – 6PM (TRADE DAYS)

25 SEPT 2026 (FRIDAY) 10AM – 6PM (TRADE & STUDENT DAY)

THIS TRADE EXHIBITION IS OPEN TO PERSONS ABOVE 16 YEARS OLD & UPON REGISTRATION ONLY. Visitors must be in proper business attire and the Organisers reserve the rights to refuse entry to any person/s at their discretion.

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