

HALF-DAY SEMINAR

The Endless Journey in Exploring **BUILDING SERVICES DEVELOPMENT AND SUSTAINABILITY**



22nd March 2025
8.30 am - 1.00 pm



**Auditorium Malakoff, Ground
Floor, Wisma IEM, PJ**

Registration Fees

IEM Student: RM50

IEM Graduate Member: RM 100

IEM Corporate Member: RM 200

Non-IEM Members : RM400

EXPECTED OUTCOMES

- Enhanced Knowledge of Sustainable Cooling and Water Treatment Technologies.
- Ability to Implement Best Practices for Energy-Efficient Building Services.
- Increased Competence in Smart and Carbon-Neutral Building Strategies.

TARGET AUDIENCE

- Engineers
- Consultants
- Project Managers
- Industry Professionals
- Students



SYNOPSIS

This seminar delves into cutting-edge innovations in building services sustainability, cooling technologies, and energy efficiency. Industry leaders will showcase solutions for radiant cooling, ozone-based water treatment, and hybrid chiller advancements to optimize building performance. Attendees will gain insights into real-world applications and best practices in energy-efficient HVAC systems.

SPEAKERS' PROFILE



Ir. Paul Chan

Managing Director, Wong & Ouyang (Building Services) Ltd. (HK)

- Over 10 years of expertise in radiant cooling system design for diverse projects.
- Former Chairman of HKIE BS Division, active MEP consultant since 1986.
- Successfully implemented radiant cooling for banks, offices, and museums, achieving 30–50% energy savings.

Mr. Rawiwat Panasantipap

Managing Director, Thai Energy Conservation Co., Ltd.

- Expert in ozone-based water treatment and energy-efficient cooling solutions.
- Holds an MSc in Manufacturing & Integrated Management Systems from the University of Birmingham.
- Advisor to Thai Energy Regulatory Commission and Federation of Thai Industries.

Mr. Joe Ngan Hon Keung

Managing Director of GL Johnson Hybrid Refrigeration Technology Co., Ltd.

- Expert in hybrid chiller systems and falling film evaporative condensers.
- Holds a B.Eng (Hons) in Building Services Engineering from the University of Polytechnic.
- Inventor of the “Blue Ocean System” for data center free cooling.
- Advisor on energy-efficient cooling solutions for large-scale projects.



PROGRAMME SCHEDULE

TIME	TOPIC	SPEAKER	ORGANIZATION
8:30am – 9:00am	Registration		
9:00am - 9:05am	Welcome Remarks	Ir. Dr. Ricky Liew	Chairman METD
9:05am – 9:45am	Evaporating Cooling Technology for Chillers	Ir. Paul Chan	Wong & Ouyang (Building Services) Ltd. (HK)
9:45am – 10:30am	Hybrid Chiller 1	Ir. Paul Chan	Wong & Ouyang (Building Services) Ltd. (HK)
10:30am - 11:00am	Tea break		
11:00am – 11:45am	Ozone Non-Chemical Condensing Water Treatment System	Mr. Rawiwat Panasantipap	Thai Energy Conservation Co., Ltd
11:45am – 12:30pm	Hybrid Chiller 2	Mr. Joe Ngan Hon Keung	Managing Director of GL Johnson Hybrid Refrigeration Technology Co., Ltd.
12:30pm – 1:00pm	Q&A Session	All Speakers	Moderator : Ir. Gopal Narian Kutty
1:00pm	Lunch		

Don't miss this opportunity!