

**Young Engineer Section (YES)**

The Institution of Engineers, Malaysia  
 Bangunan Ingenieur, Lot 60/62, Jalan 52/4  
 P.O. Box 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor  
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 Website: www.myiem.org.my

**GST is implemented effective 1 April 2015**

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**REGISTRATION**

Half Day Course on Introduction to Cogeneration Plants  
 - An Effective Solution for Decarbonizing the Energy Sector  
 9 December 2017

Name(s)	IEM M'ship No. & Grade	Fees (RM)
1.		
2.		
SUB TOTAL		
ADD GST @ 6%		
<b>TOTAL PAYABLE</b>		

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_ Tel(0): \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

*(Please write clearly as the "Confirmation Notification" will be sent via email)*

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

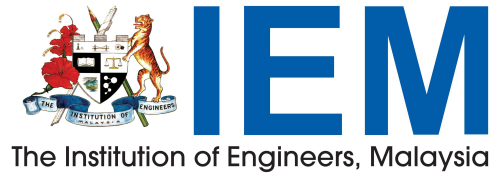
**PAYMENT DETAILS**

Cash - RM \_\_\_\_\_

Cheque no. \_\_\_\_\_ for the amount of RM \_\_\_\_\_  
 (non-refundable) and made payable to **"THE INSTITUTION OF ENGINEERS, MALAYSIA"**  
 and crossed 'A/C Payee Only'.

**Terms & Conditions:**

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via Credit Card]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made on registration.**
- **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 participants fail 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. Registration fee includes lecture notes, refreshment and lunches.
- The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.



**Half Day Course on  
 Introduction to Cogeneration Plants - An Effective  
 Solution for Decarbonizing the Energy Sector**

BEM Approved CPD/PDP Hours: 3.5 Hours  
 Ref. No: IEM17/HQ/307/C(b)

Jointly Organised by:  
 Young Engineers Section & Mechanical Engineering Technical Division  
 The Institution of Engineers, Malaysia

**9 December 2017 (Saturday)**

**9.00am - 1.00 pm**

**Le Quadri Hotel**

**Jalan Choo Lip Kung, Taman Taynton View,  
 56000 Batu 9 Cheras, Kuala Lumpur**

**REGISTRATION FEES (Subject to GST)**

Grade	Online Fee	Normal Fee
<b>IEM Student Member</b>	75.00	90.00
<b>IEM Graduate Member</b>	125.00	150.00
<b>IEM Corporate Member</b>	200.00	225.00
<b>Non - member</b>	250.00	300.00

Register online at [www.myiem.org.my](http://www.myiem.org.my)  
 Closing Date: 6 December 2017



## SYNOPSIS

Cogeneration systems combine power generation technology with waste heat recovery for the simultaneous generation of electrical power and thermal energy. The cogeneration process results in higher primary fuel efficiency compared to separate generation of power and thermal energy, and is recognized as a smart solution for decarbonizing the energy sector by reducing the carbon intensity of heat and power generation.

This half-day seminar discusses the various concepts available for implementation of an efficient and reliable cogeneration plant with particular emphasis on gas fired cogeneration systems. It covers the various equipment/technology available and includes several case studies of successful cogeneration projects in the region.

## BODATA OF SPEAKER

Mr. Danny Tam Hong Khai is an alumnus of the National University of Singapore, having graduated in 1994 with a Bachelor's degree in Mechanical Engineering. He has been involved in the District Energy industry since 1998, and has accumulated more than 19 years' experience in the turnkey construction of District Cooling and Cogeneration plants in Malaysia, Thailand, Singapore and the UAE.

Mr. Danny has long been an ardent advocate of District Energy Systems as an eco-friendly solution, and this has led him to regularly share his experience and expertise at various lectures, seminars and conferences organised by the Institution of Engineers Malaysia, ASHRAE (Malaysia Chapter), Fleming Gulf, Hong Kong Institution of Engineers and Politeknik Ungku Omar.

Mr. Danny's extensive portfolio of District Energy Plants include the following major projects: Cogeneration District Cooling Plant for Suvarnabhumi Airport (Bangkok, Thailand), District Cooling Plant Biopolis (Singapore), 3 Plant District Cooling Network for Discovery Gardens (Dubai, UAE), 2 Plant District Cooling Network for Palm Jumeirah Trunk Crown (Dubai, UAE), Cogeneration District Cooling Plant for Universiti Teknologi Petronas (Tronoh, Perak), Cogeneration Power Plant for Petronas Penapisan Melaka (Sungai Udang, Melaka), CUP-2 Cogeneration Power Plant for Rayong Industrial Estate (Rayong, Thailand), Cogeneration Power Plant for Petronas Fertilizer Kedah (Gurun, Kedah), Cogeneration Power Plants for Petronas Gas Processing Plants A & B (Kerteh, Terengganu), District Cooling Plant for KLIA2 (Sepang, Selangor), District Cooling Plant for Abu Dhabi Airport Mid Field Terminal (Abu Dhabi, UAE) and Cogeneration Power Plant for Toray Industries (Prai, Penang).

Mr. Danny currently holds the position of General Manager (Technical) at Kuala Lumpur Engineering Centre, Shinryo Corporation's design and engineering center for District Energy projects. Amongst his current District Energy projects are the District Cooling Plant serving Menara PNB 118 in Kuala Lumpur, an iconic development consisting of an 118 storey skyscraper (630m tall) together with a shopping complex, office buildings and residential suites, and the Cogeneration Plant Expansion at Utilities Gebeng serving the Gebeng Integrated Petrochemical Complex (IPC).

## TENTATIVE PROGRAMME

Time	Title
08.30 am - 09.00 am	Registration
09.00 am - 10.30 am	Section 1
10.30 am - 11.00 am	Tea Break
11.00 am - 12.30 pm	Section 2
12.30 pm - 01.00 pm	Q & A Section
1:00 pm	End of Section

## CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

## PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.