

REPLY FORM

Chairman
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The Institution of Engineers, Malaysia
Bangunan Ingenieur, Lot 60/62, Jalan 52/4
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Closing Date : 20 May 2013



THE INSTITUTION OF ENGINEERS, MALAYSIA
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Technical Visit to Environmental Sites Singapore - IES Singapore (2 days 1 night)

I would like to join the visit on 27 & 28 May 2013 based on the following :

To be completed by IEM Members

No.	Name	M'ship No.	I/C No.	H/P No.	Amount

- Single supplement
 Twin-sharing

* Please tick whichever is appropriate

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FOR ONLINE REGISTRATIONS, ONLY ONLINE PAYMENT IS APPLICABLE [VIA RHB AND MAYBANK2U - PERSONAL SAVING & PERSONAL CURRENT ; CREDIT CARD - VISA/MASTER

I enclosed herewith cash/cheque no. for an amount of RM..... being the registration fee for the visit.

Name:.....

Address:.....

Tel No.:..... Fax No :

I will be participating in the visit at my own risk and hereby indemnity fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

Signature :..... Date :

TECHNICAL VISIT TO ENVIRONMENTAL SITES IN SINGAPORE

(PUB SINGAPORE MARINA BARRAGE, PUB CHANGI WATER RECLAMATION PLANT (CWRP) & NEW WATER FACTORY- BEDOK)

(2 DAYS 1 NIGHT)

Organised By :

**ENVIRONMENTAL ENGINEERING TECHNICAL DIVISION
IN COLLABORATION WITH
THE INSTITUTION OF ENGINEERS SINGAPORE (IES)**

**BEM Approved CPD/PDP HOURS: 10 hours
REF: IEM13/HQ/075/V**

DATE: 27 & 28 May 2013 (Monday - Tuesday)

TRANSPORT : By local coach. Separate trip is NOT ALLOWED. Participants are to abide by the program time-table strictly. Participants are to assemble at Bangunan Ingenieur, PJ at 6.45am on 27 May 2013.

Note:

- 1) This visit is strictly limited **only (35) participants registered** on a first come, first pay basis.
- 2) Interested member could register and pay online on the spot at IEM Website (<http://www.myiem.org.my>) OR register by returning this appended registration **by 20 May 2013 (Monday)**.
- 3) Cheques are to be made payable to 'The Institution of Engineers, Malaysia'.
- 4) The commitment fees must be settled prior to the visit. Cancellation should be made 1 week before the closing date and the fees are **NOT** refundable.
- 5) Members are advised to check the validity period of their own passport

SYNOPSIS

This technical visit will cover:

Presentation on Solar Energy in Singapore

Solar photovoltaics (PV) is the most viable form of renewable energy for Singapore, and capable of supplying over 10% of the nation's electricity supply. The market developed rather slowly at first, starting in 2008 with a handful of government-supported showcase projects on public buildings such as the Marina Barrage, Changi Airport and some HDB blocks.

The presentation will illustrate some projects funded by CERT (Clean Energy Research and Test bedding) as well as some Green Mark examples. It will explain current project economics and returns on investment.

Singapore Marina Barrage (Sustainable Singapore Gallery)

The Sustainable Singapore Gallery (SSG) is an information and sensory extravaganza showcasing Singapore's efforts towards Environmental sustainability. Explore six galleries, each sharing a unique aspect of Singapore's sustainable story. Uncover, through fun interactive and innovative multimedia, how a small country with limited resources meets the needs of a fast developing community in an environmentally-friendly manner.

Gardens by the Bay @ Marina South

Gardens by the Bay bring to life NParks' vision of creating a City in a Garden. The Gardens captures the essence of Singapore as the premier tropical Garden City with the perfect environment in which to live and work - making Singapore a leading global city of the 21st century.

Environmentally Sustainable Functions of the Super-trees

Eleven of the Super trees are embedded with environmentally sustainable functions. Some have photovoltaic cells on their canopies to harvest solar energy for lighting up the Super trees, while others are integrated with the Conservatories and serve as air exhaust receptacles.

PUB Changi Water Reclamation Plant

The Changi Water Reclamation Plant is the cornerstone of the first phase of the Singapore Deep Tunnel Sewerage System (DTSS). Sited on 32 hectares of reclaimed land, CWRP features a state-of-the-art, compact and covered used water treatment facility designed to treat 800,000 cubic metres per day of used water. It can be expanded to handle an ultimate 2,400,000 cubic metres per day of used water.

Bedok - NeWater Visitor Centre

The NEWater Visitor Centre is the focal point of PUB's public education on NEWater. First opened in 2003, the Centre highlights the importance of water and how Singapore leverages on advances in technology to reclaim water. Visitors are able to view first-hand the operation of the advanced dual-membrane and ultraviolet technologies used to produce NEWater. Admission to the centre is free.

NEWater Visitor Centre's popularity has won it the Best Sightseeing/Leisure/Educational Programme at the 20th Tourism Awards 2005 and the IWA Marketing & Communication Award 2006.

REGISTRATION

The registration fee rates are follows:

MEMBERSHIP	FEES
IEM Member (Twin-Sharing)	RM 690
Non IEM Member (Twin-Sharing)	RM 990
IEM Member (Single Occupancy)	RM 950
Non IEM Member (Single Occupancy)	RM 1250

Registration fee includes :

1. One (1) night hotel accommodation with breakfast.
2. Local coach transport.
3. Local insurance coverage.

ITINERARY

Technical Visits to Places of Environmental Interest in Singapore

Proposed Programme & Itinerary

Date	Day	Time	Programme
27 May 2013	Mon	7.00am to 1.00pm	Travel by Coach from KL to Singapore
		1.00pm to 2.00pm	Lunch Reception at IEM & Welcome Speech by IES President, Dr. S. K. Chou
		2.00pm to 3.00pm	Talk/Presentation on Solar Energy in Singapore by Mr. Christophe Inglin, MD Pheonix Solare Pte Ltd
		3.00pm to 5.00pm	Visit to PUB Singapore Marina Barrage (largest reservoir in the city)
		5.00pm to 7.00pm	Brief Tour of NPB Garden by the Bay (at Marina South)
		7.00pm onwards	Check-in to hotel Free & Easy
28 May 2013	Tue	7.30pm	Check-out of hotel
		8.00am to 11.00am	Technical Visit to PUB Changi Water Reclamation Plant (CWRP)
		11.00am to 1.30pm	Visit to SembCorp Utilities - New Water Factory located within CWRP or Bedok - New Water Visitor Centre
		1.30pm to 2.30pm	Shopping and lunch by your own at Johore Premium Outlet (JPO), Kulai
		3.00pm onward	Travel back to KL.

- The Organizing Committee reserves the right to cancel, alter or change the programme due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of limited places available, intending participants are advised to make **an early registration** to avoid disappointment.

If you have any further details or clarifications, kindly contact the IEM Secretariat at :

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