

HARNESSING RENEWABLE HEAT FOR AIR CONDITIONING IN TROPICAL BUILDINGS

COURSE OVERVIEW

Two major trends right now are green buildings and the increasing use of renewable energy. There is an increasing awareness of solar thermal technology. Ecoline Solar is the pioneer of solar thermal air conditioning technology. With the target of turning 80% of the buildings in Singapore by 2030, building owners, architects, facilities managers are turning to innovative technologies to meet this target. Ecoline's Therm-Aire air conditioning provides up to 45% more savings than current inverter technology.

LEARNING OBJECTIVES

At the end of the half day training, participants will learn about solar thermal air conditioning technology and understand the different applications of solar thermal AC technology.

TARGET AUDIENCE

- Building owners and property developers
- Architects, designers
- Facilities managers

SCEM-PDUs TO BE AWARDED BY INSTITUTE OF ENGINEERS, SINGAPORE

PEB PDUs TO BE AWARDED BY PROFESSIONAL ENGINEERS BOARD, SINGAPORE

APPLICABLE FOR PRODUCTIVITY AND INNOVATION CREDIT (PIC)

9 MAY 2017

1:30PM - 5:00PM

SEAS Training Centre
TBA



HARNESSING RENEWABLE HEAT FOR AIR CONDITIONING IN TROPICAL BUILDINGS

PROGRAMME OUTLINE

1.30pm - Introduction

- Green buildings, urban heat island effect, etc

2.00pm - The need for energy efficiency

- Buildings consume between 40 - 60% of the total energy bill
- The need to green buildings, benefits of a green buildings

2.30pm - The case for renewable energy

- A viable alternative - the reducing cost of solar PV technology, REC.
- Solar thermal - another form of solar energy

3.00pm - Break

3.30pm - How solar based AC technology is using renewable energy while improving energy efficiency

- Using solar thermal technology to power ACs
- Benefits of solar thermal hybrid ACs

4.00pm - Applications of solar based AC technology

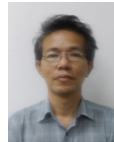
- Off grid solarised containers for mines, marine operations, etc
- Data centre CRACs - the need for a green tropical data centre

4.30pm - Case Studies with Q&A

Training partner



ABOUT THE TRAINER



Mr. James Yip has several years experience in training. He is ACTA certified. He has taught classes for supervisory and managerial level in the cleaning industry. He has also taught classes for IATA in the aviation industry with participants from the Middle East and several countries in Asia.

Currently, he is the marketing manager for a local air conditioner manufacturer, Ecoline Solar Pte Ltd. Ecoline Solar has a patented solar thermal hybrid air conditioning technology that offers up to 45% more energy savings than current inverter technology.

RATES

EARLY BIRD (before 21 Apr)	NORMAL FEE	GROUP FEE
S\$150.00 (SEAS Member)	S\$230.00 (SEAS Member)	S\$200.00 (4+ delegates from 1 organization)
S\$230.00 (Non Member)	S\$300.00 (Non Member)	

* EENP and NTUC Union member is entitled to SEAS member rate

* Fees inclusive of GST

* SEAS reserves the right to make changes to the trainer, programme, venue, cancel or reschedule the programme if necessary or warranted by circumstances beyond our control

* Payment to be made by the early bird closing date to enjoy early bird rate

* Enjoy group discount for 4 or more delegates registered at the same time from the same organisation and same billing source

* Only one type of discount scheme is applicable at any one time

* Payment to SEAS & Address: Please send a crossed cheque to:

Sustainable Energy Association of Singapore, 1 Cleantech Loop, #02-16 Cleantech One, Singapore 637141

CALL US AT 6338 8578 TO ENQUIRE

REGISTRATION FORM Yes! I would like to register for this programme I am unable to attend but please put me on your mailing list

PARTICIPANT'S DETAILS		Number of Delegates	Fees Payable
1	Name (Dr/Mr/Mrs/Ms)		NRIC No
	HP No		Email
2	Name (Dr/Mr/Mrs/Ms)		NRIC No
	HP No		Email

ORGANISATION'S DETAILS

Company Name	
Company Address	
Contact Name	Tel
Email	Fax