



## Harnessing Renewable Heat for Air Conditioning in Buildings

### Course Summary

Two major trends right now are green buildings and the increasing use of renewable energy. There is an increasing awareness of solar thermal 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.

### Course Objectives

At the end of the 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

**7 SCEM PDU Points Awarded**

6 February 2018

9am - 5pm

Singapore Sustainability Academy

180 Raffles Place Level 6 Sky Park, #06-10

City Square Mall Singapore 208539



# Harnessing Renewable Heat for Air Conditioning in Buildings

## Program Outline

- Introduction – the need for efficient cooling in the tropics
- Past – Invention of AC, fossil fuel, air pollution, sick building syndrome
- Present – Megatrends - renewable energy, green buildings, climate change, urban heat island
- Present – Therm-Aire thermal hybrid AC technology, energy efficiency, Green Mark certification, productivity & indoor air quality, zoning
- Future – thermal hybrid chiller systems
- Case studies – data centres, offices, business and others

## James Yip



## Speaker's Profile

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 airconditioning technology that offers up to 45% more energy savings than current inverter technology.

## Rates

Normal	Group
SEAS Member: \$380.00	3 participants and above \$400.00
Non-Member: \$450.00	

Fees are inclusive of GST

SEAS may cancel or reschedule a course at its discretion and will use reasonable efforts to notify delegates at least 5 working days in advance. In these circumstances, delegates will be offered an alternative date, an alternative location or a full refund of course fees paid. SEAS is not responsible for airline or accommodation costs incurred by delegate in the event a course is cancelled or re-scheduled.

Substitutions (name changes) are accepted at any time prior to the event without penalty, subject to the replacement delegate satisfying any necessary course pre-requisites.

Call us at +65 6338 8578 to enquire

Email: [training@seas.org.sg](mailto:training@seas.org.sg)

### 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

1	Name (Dr/Mr/Ms/Mrs)	Designation
	Hp	Email
	NRIC	

#### Participant's Details

2	Name (Dr/Mr/Ms/Mrs)	Designation
	Hp	Email
	NRIC	

#### Billing Information

Company Name	Contact Name
Company Address	Email
Tel	