



Solar Basics: The Fundamentals of a solar system

Course Summary

This 1 day workshop helps participants understand the basics of a solar system. Basic components that make up a working solar system - solar cells, arrays and solar inverters will be discussed in details within the program.

The costings and economics of a solar system, comparing different ownership models, and also ensuring reliability of a solar system are one of the most important aspects of a solar system.

Intended Audience

- Licensed Electric Workers
- Certified Energy Managers
- Facility Managers
- Engineers
- Business owners and directors
- Anyone who is keen to enter the renewable energy industry

18 October 2018

9am - 5pm

Singapore Sustainability Academy

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

City Square Mall Singapore 208539

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Program Outline

Component 1 - Electric Syntax

Component 2 - Understanding Solar PV Systems

Component 3 - Solar PV module characteristics and technologies

Component 4 - Solar Irradiance

Component 5 - Inverter characteristics and technologies

Component 6 - Solar Energy Yield

Component 7 - Planning and Installing a Grid-connected PV System

Component 8 - Legal Obligations

Component 9 - Economics of a solar PV system

Dr Stephen Tay



Speaker's Profile

Dr. Stephen Tay heads the Urban Solar Group and National Solarisation Centre at the Solar Energy Research Institute of Singapore (SERIS).

He is actively engaged with the solarisation of Singapore by working closely with government agencies and industry players in their adoption of solar energy. In addition, he is also heavily involved with the SolarNova programme, which is a government solar leasing tender that aggregates demand across several buildings. He obtained his PhD from the Department of Materials in Imperial College London.

Rates

Normal

SEAS Member:	3 participants and above
\$ 290.00	\$ 330.00
Non-Member:	SCEM Special Rates
\$ 350.00	\$ 320.00

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

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	