



# Solar Fundamentals

## Course Summary

Solar Fundamentals is a 1 day workshop to understanding the basics of a solar system. Through this session learners shall be exposed to the different components that make up a working solar system covering solar cells, arrays and solar inverters.

We will discuss the economics of a solar system, comparing different ownership models while keeping an eye on the reliability and challenges to maintaining 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 April 2018

9am - 5pm

Singapore Sustainability Academy

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

City Square Mall Singapore 208539

# Solar Fundamentals

## 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

## Jason Law



### Speaker's Profile

Jason Law is the founder of SunPro Energies, an innovative solar company offering turnkey solar solutions and education.

The company is active in the renewable energy sector in solar integration, design, financing, and product development.

Prior to embarking on his entrepreneurial ventures, Jason has experience in sales and projects development for the largest private real estate developer in Singapore.

He has a bachelor's degree in Materials Science and Engineering from NTU.

Jason also holds an ACTA accreditation from IAL.

## Rates

Normal	Group
SEAS Member: \$ 350.00	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