

## WSQ Perform Design and Installation of PV Systems WSQ Perform Maintenance of PV Systems

### Course Summary

The WSQ Solar Programs transfers knowledge both practical and theoretical to learners who wishes to pursue a career in renewable energy. Participants will pick up skills to design, install, test and commission Solar PV systems. Participants who are competent will also learn how to maintain and inspect Solar PV systems.

### Course Objectives

- To design, install, test and commission PV systems
- To inspect and maintain PV systems

### Target Audience

- Contractors, M&E consultants, academics and researchers)who are currently employed in Construction, Real Estate Management & Maintenance and Process industries, and whose work focuses on design, installation, test, commission, inspection and maintenance of photovoltaic systems
- Energy Managers
- People working in the renewable sector with a passion in solar energy generation

5 - 16 March 2018

9am - 6pm

Singapore Sustainability Academy

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

City Square Mall Singapore 208539



## WSQ Perform Design and Installation of PV Systems WSQ Perform Maintenance of PV Systems

### Program Outline

#### WSQ Perform Design and Installation of PV Systems

1. Develop PV system designs
2. Plan the installation of PV systems
3. Install and commission PV systems

#### WSQ Perform Maintenance of PV Systems

1. Prepare for Maintenance of PV systems
2. Plan the maintenance of PV systems
3. Perform maintenance works on PV systems

### Assumed Skills & Knowledge

- Preferably have knowledge of electrical installation work
- Preferably have knowledge of SS CP5:1998 Code of Practice for Electrical Installation
- Be able to listen and speak English at a proficiency level equivalent to the Employability Skills System (ESS) level 4;
- Be able to read and write English at a proficiency level equivalent to ESS level 4; and
- Be able to process numbers at a proficiency level equivalent to ESS level 4

### Trainer's Profile

Arpit Gandhi is the Training Programmes Manager at Global Sustainable Energy Solutions (GSES) Australia. Prior to joining GSES, Arpit received his Master of Engineering (Electrical) from UNSW. He also holds a CERT IV in Workplace Training and Assessment and Accreditation from the Clean Energy Council for design of Grid-Connected Solar systems.

He has designed a 25kW Grid-Connected PV system for a customer in rural NSW, designed a 99.54 kW Grid-Connected PV system for a council in NSW, Australia. As part of his university project he designed a 165 kW Grid-Connect PV system for Toll Logistics near the Sydney Olympic park.

### Rates

Before Funding	After Funding
\$3531.00	\$2541.00 (for non-SME) \$561.00 (for SMEs)

Fees are inclusive of GST  
SSG Funding applicable to Singapore & PRs  
Participants must be company sponsored

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	