Training Course for Rooftop Solar PV System Installation for Technicians  
August 19th – 23rd, 2019  
Organized by Solar Rooftop Power Generation Project (RSPGP) in collaboration with Sri Lanka Sustainable Energy Authority (SLSEA)

We are pleased to announce the above workshop jointly organized by Rooftop Solar PV Power Generation Project (RSPGP) and Sri Lanka Sustainable Energy Authority (SLSEA). The workshop is funded by the Asian Development Bank (ADB) under RSPG Project.

**Target Audience:** Technicians of Rooftop Solar PV industry  
**Date:** August 19th – 23rd, 2019  
**Venue:** Agrarian Research and Training Institute (ARTI)  
114, Wijerama Mawatha, Colombo 7  
**Maximum No of Participants:** 40  
**Course Fee** Funded by RSPGP

**The closing date for nomination:** 5th August 2019

Participants for the workshop will be selected on the following basis:

- One participant each from SLSEA registered Solar PV service providing companies
- First come first served basis after announcing the workshop through a group email by SLSEA to all the registered companies.
- Involvement of nominees in rooftop solar PV design/installation during the last six month period
- Nominees shall be technicians at NVQ 3 level.

The agenda of the program is given below,

The program will be repeated depending on the demand for training of wider group of technicians.

If participants travelling from long distances require hostel facilities in Colombo please indicate in your application.

Please note the solar company is required to ensure its nominee is present at the workshop on all five days and follow all modules offered under the program. Only such participants will be certified as having followed the program under the RSPG Project.

**Interested companies are invited to send their nominations in the attached nomination form to following email; “sea.bfse@gmail.com” with a copy to “jineshak@gmail.com”**
Workshop on Rooftop Solar PV Systems for Technicians

Nomination Form

Name;
ID No:
Organization:
Contact Address:
Telephone: E mail:

Education Qualifications:

Work experience during the last six months (01\textsuperscript{st} Aug 2018 – 31\textsuperscript{st} Jan. 2019)

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<tr>
<th>Name of the Project</th>
<th>PV System Capacity(kW)</th>
<th>Location</th>
<th>Responsibility</th>
<th>Duration (Date and Month)</th>
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I certify that the above person is an employ of this company and we are pleased to nominate him to participate in the above workshop.

Signature:

Name of the Authorizing Person: Designation:

SLSEA Registration No

Date:
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Program

Day 1

08.30am  Registration
08.45am  Introduction to the Workshop
09.00am  M1 - Introduction to electricity
10.30am  Tea/Coffee Break
11.00am  Introduction to electricity cont.…
12.30pm  Lunch Break
01.30pm  M2 - Introduction to solar resource and Solar PV Technology
03.00pm  Tea/Coffee
03.30pm  Introduction to solar resource and PV Technology cont.…
04.30pm  Discussion

Day 2

09.00am  M3 - Applications of Solar Photo-Voltaic (PV) and Optimizing its Benefits
10.30am  Tea/Coffee Break
11.00am  M4 - Design, Installation, Commissioning & Maintenance of Small Scale Grid Connected Solar PV systems
12.30pm  Lunch Break
01.30pm  Design, Installation, Commissioning & Maintenance of Small Scale Grid Connected Solar PV systems cont.…
03.00pm  Tea/Coffee

03.30 pm  **M5 - Lightning and Surge Protection of Solar PV Systems**

04.30 pm  Discussion

**Day 3**

09.00 am  **M6 - Safety aspects in working with solar PV systems**

10.30 am  Tea/Coffee

11.00 am  **M7 - Conducting site inspection for solar PV system design & best practices**

12.30 pm  Lunch

01.30 pm  **M8 - Sri Lanka Standards for grid connected PV Systems**

03.00 pm  Tea/Coffee

03.30 pm  **Sri Lanka Standards for grid connected PV Systems Cont.**

**Day 4**

06.00 am  Travel To Hambanthota

11.00 am  **M9 - Common Mistakes in Solar PV Installations**

12.30 pm  Lunch

01.30 pm  **M 10 - Field demonstration of Rooftop Solar PV installation**

03.30 pm  Tea/Coffee

04.00 pm  **Field demonstration of Rooftop Solar PV installation Cont.**

**Day 5**

08.00 am  **Field demonstration of Rooftop Solar PV installation Cont.**

09.30 am  Tea/Coffee

10.00 am  **Field demonstration of Rooftop Solar PV installation Cont.**

12.30 pm  Closing Ceremony

02.00 pm  Travel to Colombo