

## **COURSE OUTLINE - Solar PV Install & Design**

### **TRAINING:**

This course covers the following nationally recognised units of competency:

**UEERE0054** Conduct site survey for grid-connected photovoltaic and battery storage systems

**UEERE0061** Design grid-connected photovoltaic power supply systems

**UEERE0080** Install photovoltaic power conversion equipment to grid

**UEERE0081** Install photovoltaic systems to power conversion equipment

The above units of competency fulfill the qualification requirement for **Electricians to gain their Grid-Connect Install and Design PV System Accreditation from the Clean Energy Council (CEC)**. The CEC is the peak body representing Australia's clean energy sector. Once accredited your solar PV installations will be eligible for government incentives such as Small-scale Technology Certificates (STCs) and feed-in tariffs.

### **WHO IS ELIGIBLE TO DO THIS COURSE:**

- Electricians who hold a current Queensland Electrical Work Licence (or equivalent) and wish to gain knowledge and/or CEC Accreditation
- Electrical Apprentices who have completed the following pre-requisites units:  
**UEEEL0012** Install low voltage wiring, appliances, switchgear and associated accessories  
**UEEEL0039** Design, install and verify compliance and functionality of general electrical installations
- Trade Assistants who wish to gain further knowledge of solar PV installation and design. A Certificate of Attendance will be issued upon completion.

### **COURSE DURATION:**

The course is delivered through a five day face-to-face workshop. During the workshop learners will work through simulated work situations and the Trainer will be on-hand to offer support and practical examples. The trainer will also go through a practical installation with the learners and complete an assessment with the Learner.

## COURSE OUTCOMES:

There are two types of Grid Connect Accreditation. Upon completion of the course Electricians may get either of the two or both.

**Install accreditation:** Required to install Grid Connected Solar Systems in Australia (UEERE0054, UEERE0080 & UEERE0081)

**Design accreditation:** Required to design Grid Connected Solar Systems in Australia (UEERE0054 & UEERE0061)

If you only want to install Grid Connected Solar Systems, then you will only need to complete the Install pathway. Please note, that as an accredited installer you will have to work in conjunction with an accredited designer. If you want to handle the whole job, you need the Design and Install pathway. Many electricians choose this option as it not only gives them greater flexibility, but a greater understanding of the installation job.

*We recommend learners visit the CEC accreditation website*

*<https://www.cleanenergycouncil.org.au/industry/installers/accreditation-process> to get a full understanding about accreditation.*

## Award Statement of Attainment for:

**UEERE0054** Conduct site survey for grid-connected photovoltaic and battery storage systems

**UEERE0061** Design grid-connected photovoltaic power supply systems

**UEERE0080** Install photovoltaic power conversion equipment to grid

**UEERE0081** Install photovoltaic systems to power conversion equipment

**ASSESSMENT:** **THEORY & PRACTICAL completed during the 5 days in class**

**TOTAL COURSE FEE:** **\$2,400**

**CSQ SUBSIDISED COURSE FEE:** **\$1,312\***

\*As a Construction Skills Queensland (CSQ) registered training supplier, we provide training that is supported by CSQ funding. Most Electrical workers permanently employed in Queensland are eligible for CSQ funding. Contact our office on 0407 164 909 for further information or to check your eligibility complete the CSQ funding application on our website.