

COURSE OUTLINE - Solar PV Install & Design

TRAINING:

This course covers the following nationally recognised units of competency:

UEENEK125A - Solve basic problems in photovoltaic energy apparatus and systems

UEENEK148A - Install, configure and commission LV grid connected photovoltaic power systems

UEENEK135A - Design grid connected photovoltaic power supply systems

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 prerequisite units of competency and wish to gain knowledge and/or CEC Accreditation in Grid-connect PV System Accreditation (Design)
- 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. Learners will study the three competencies during the five day face-to-face workshop using an interactive software package "Harness the Sun" developed by a team of Australia's leading Solar Install and Design experts. 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 OUTLINE - Solar PV Install & Design Cont.

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 (UEENEEK125A & UEENEEK148A)

Design accreditation: Required to design Grid Connected Solar Systems in Australia (UEENEEK135A)

If you only want to install Grid Connected Solar Systems then you 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 www.solaraccreditation.com.au to get a full understanding about accreditation.

Award Statement of Attainment for:

UEENEEK125A Solve basic problems in photovoltaic energy apparatus and systems

UEENEEK148A Install, configure and commission LV grid connected photovoltaic power systems

UEENEEK135A Design grid connected photovoltaic power supply systems

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

COURSE FEE: \$2,450

CSQ SUBSIDISED COURSE FEE: \$1,670*

***Available for Queensland residents working in the Construction Industry (Most Queensland Electricians are eligible). You can either call our office for further information (07 4724 4543) or tick the option on our enrolment form to receive a CSQ subsidised course fee application via e-mail.**