

COURSE OUTLINE - Solar PV Install & Design

TRAINING:

This course covers the following nationally recognised units of competency:

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

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 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)

