

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)

COURSE OUTLINE - Solar PV Install & Design Cont.

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

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

Award Statement of Attainment for:

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

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

COURSE FEE: \$2,450

CSQ SUBSIDISED COURSE FEE: \$863* or \$0**

*As a Construction Skills Queensland (CSQ) registered training supplier, we provide training that is supported by CSQ funding. Queensland residents working in the Construction Industry (Queensland Electricians) are usually eligible for the funding. Once we receive your enrolment form (online or via email) we will send you a CSQ application pack to complete, this application will verify your eligibility for CSQ funding. You can contact our office at any stage to find out what evidence is required to be eligible for the CSQ funding – 0407 164 909.

** Eligible apprentices or Electricians within 12 months of completing their UEE30811 Certificate III in Electrotechnology Electrician may be eligible for 100% funding from Construction Skills Queensland (CSQ) for this course. Please contact our office for further information regarding this funding.