

# Solar - Design & Install

## Grid Connect



### Course Description

The solar grid-connect skill set offered by Volt Edge has been designed for licenced electricians who want to obtain accreditation from the Clean Energy Council (CEC). This will enable students to access incentives offered by the Federal Government for solar panel installations.

The course on offer meets the requirements of the regulating body, the Clean Energy Council, for accreditation.

This course:

- Provides known solutions to predictable problems in photovoltaic energy apparatus and systems operated at ELV and LV.
- Covers the installation, adjustment and set-up of photovoltaic power systems and connecting to a supply grid inverter.
- Covers the design of grid connected photovoltaic power supply systems and their installation.

### Content Delivery

With 70% theory and 30% practical, this is a 4 day trainer delivered course offered Live Web | Brisbane | Melbourne. Day 5 students can attend Brisbane (or Melbourne when scheduled) location for the practical.

### Assessments

Students will complete a theory assessment as well as practicals in 5 days. Students who are unable to attend Brisbane or Melbourne (as scheduled) will require a solar accredited person to supervise your practical sign off.

**\$2,200** (GST Free)

### Units of Competency

- **UEERE0022 (Day 1)**  
Solve basic problems in photovoltaic energy apparatus and systems
- **UEERE0016 (Day 2)**  
Install, configure and commission LV grid-connected photovoltaic power systems
- **UEERE0011 (Day 3 & 4)**  
Design grid-connected photovoltaic power supply systems

### Entry Requirements

Note: Those holding an unrestricted Electrician's Licence or equivalent issue in an Australian State or Territory meet the pre-requisite requirements of this course.

UEEEL0012 Install low voltage wiring, appliances, switchgear and associated accessories  
UEECD0016 Document and apply measures to control WHS risks associated with electro-technology work and  
UEECD0043 Solve problems in direct current circuits or  
UEECD0044 Solve problems in multiple path circuits  
UEECD0046 Solve problems in single path circuits and  
UEECD0025 Lay wiring/cablings and terminate accessories for extra-low voltage (ELV) circuits or  
UEEEL0023 Terminate cables, cords and accessories for low voltage circuits

\*See training.gov.au for current pre-req list.