

COURSE OUTLINE

Combined Pathway - Solar Grid-Connect Installation & Design and Battery Storage

TRAINING:

This combined pathway covers the following nationally recognised units of competency:

Solar Grid-Connect Installation & Design (5 days)

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

Solar Grid-Connect with Battery Storage (4 days)

UEERE0060 Design grid-connected battery storage systems

UEERE0077 Install battery storage equipment power conversion equipment to grid

UEERE0078 Install battery storage to power conversion equipment

The above units of competency fulfill the **Solar Accreditation Australia (SAA)** qualification requirements for an **Electrician to gain:**

Grid-Connected Photovoltaic systems Accreditation (GCPV)

And

Grid-Connected Battery System Accreditation (GCBS)

The SAA 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 SAA 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 nine day face-to-face workshop. The grid-connect solar course is delivered over 5 days and MUST be completed prior to the Battery storage course which is delivered over 4 days.

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.

We recommend learners visit the SAA accreditation website [Home - Solar Accreditation Australia \(saastralia.com.au\)](http://Home-SolarAccreditationAustralia.com.au) to get a full understanding about accreditation.

ASSESSMENT: THEORY & PRACTICAL

Course	Current full fee	Current CSQ funding	CSQ Subsidised course fee
Solar	\$2,600	\$1,330	\$1,270
Battery	\$2,400	\$1,820	\$580
Total	\$5,000	\$3,150	\$1,850

*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.

We ask that students have access to the following Standards prior to attending the course:

AS/NZS 4777.1:2024 - Grid connection of energy systems via inverters, Part 1: Installation requirements

AS/NZS 5033:2021 - Installation and safety requirements for photovoltaic (PV) arrays

AS/NZS 5139:2019 - Electrical installations — Safety of battery systems for use with power conversion equipment

