

Job Description

Solar PV Technician Trainee (12-months Contract)

Date Updated: 8th September 2026

The position reports to the **Head of Technical Operations, Time Energy**

Job Purpose

To participate in a structured technical development programme designed to develop competent Solar PV installation and maintenance professionals. The trainee will undergo structured training, technical coaching, practical site exposure and competency assessments while supporting experienced technicians in the installation, commissioning, inspection and maintenance of residential Solar PV systems. The role is designed to provide a progressive career pathway from Trainee to Certified Technician based on competency, performance and business requirements.

Key Responsibilities

- Participate actively in all assigned technical training, practical learning and development programmes.
- Develop knowledge and understanding of residential Solar PV systems, components and installation practices.
- Assist experienced technicians in the installation of residential Solar PV systems.
- Support the installation of PV modules, mounting structures, DC/AC cabling, inverters, isolators, protection devices and monitoring equipment under supervision.
- Learn to interpret approved engineering drawings, Single Line Diagrams (SLD) and technical installation requirements.
- Assist with site preparation, equipment handling and installation activities in accordance with company SOPs.
- Assist with testing, commissioning and system verification activities under the guidance of qualified personnel.
- Participate in preventive maintenance (PM) and corrective maintenance (CM) activities as part of practical site exposure.
- Develop practical knowledge of Solar PV system operation, basic troubleshooting and common electrical and mechanical faults under supervision.
- Learn the correct use and handling of relevant tools, equipment and testing instruments.
- Strictly comply with HSSE requirements, PPE usage, work-at-height procedures and all applicable site safety requirements.
- Participate in safety briefings, toolbox meetings and other required safety activities.
- Assist in completing installation, commissioning and maintenance reports with accurate photo documentation.
- Participate in technical assessments, competency evaluations and development reviews as part of the programme.
- Maintain training records and complete assigned learning modules, practical tasks and development requirements.
- Work closely with technicians, engineers, contractors and other relevant stakeholders.
- Demonstrate a positive attitude, willingness to learn, openness to feedback and continuous improvement.

Apply at recruitment@time.com.my

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- Perform other duties and learning assignments assigned by the Technical Operations Manager as part of the development programme.

Development Programme

- Foundation & Induction – Introduction to the company, workplace safety, Solar PV systems, company SOPs and basic technical knowledge.
- Technical Training – Structured learning covering Solar PV installation, electrical fundamentals, equipment, tools, quality and safety practices.
- Supervised Site Exposure – Practical on-site experience under the guidance of experienced technicians and technical leaders.
- Competency Development & Assessment – Progressive assessment of technical knowledge, practical skills, safety practices and work quality.
- Certification & Technician Readiness – Completion of relevant training, competency and certification requirements in preparation for progression into a qualified technician role.

Career Progression

- Solar PV Technician Trainee → Certified Technician → Senior Technician → Technical Leader / Trainer.
- Progression will be based on demonstrated competency, performance, completion of the development requirements and business needs.

To be considered, you'll need:

- Diploma/Certificate in Electrical Engineering or equivalent.
- Strong interest in developing a career in technical and renewable energy work.
- Willingness to learn through both structured training and hands-on practical experience.
- Positive attitude and ability to follow instructions, procedures and safety requirements.
- Strong commitment to workplace safety, quality and professional conduct.
- Ability to work effectively as part of a team.
- Willingness to perform outdoor and on-site work, including work at height where required.
- Good discipline, reliability and sense of responsibility.
- Openness to coaching, feedback and continuous development.

Interested in joining us?

- Our office is in Glenmarie, Shah Alam
- Submit your resume to recruitment@time.com.my
- More information about our company and product can be found here: <https://corporate.time.com.my/>, <https://www.emitsolar.com/>
- Should you have further queries, please contact: Fazrina (People): +6014 665 4166

**Only shortlisted candidates will be notified.*