

SMaRTech Program Summary

Paid apprenticeships for solar and EV maintenance technicians, powered by SMaRTCert™

SMaRTech is the industry-developed apprenticeship program in collaboration with SMaRTCert — the certification company for non-electrical renewable energy assets. Participants earn while they learn, combining classroom instruction with paid on-the-job training, and graduate with an industry-recognized SMaRTCert credential.

RSI vs. OJT: How Training Is Delivered

Related Supplemental Instruction (RSI)	On-the-Job Training (OJT)
Provided by: Community colleges and adult schools (Saddleback College, NOCE).	Provided by: Employer partners (GRID Alternatives, InCharge Energy, SolaFlect, LogiTech).
Apprentices do: Attend classroom and technical coursework covering safety, reporting, inspection, and specialty knowledge.	Apprentices do: Work in the field on real equipment, perform maintenance, and learn under employer mentorship.
Compensation: Typically tuition-free or low-cost instruction; supportive services may be available.	Compensation: Paid wages from the employer for hours worked and skills demonstrated.
Outcome: Builds the knowledge base required for SMaRTCert certification exams.	Outcome: Builds verified competency hours and practical skills that employers value.

Program Tracks & Curriculum

Core courses include OSHA 10, workplace professionalism, project management, technical documentation, safety, reporting, and customer service. Apprentices then choose a specialty track:

Solar Maintenance & Reporting	EVSE Maintenance & Reporting
Solar cleaning, inspection, assessment, performance reporting, and preventive maintenance.	EV charging infrastructure, site inspection, preventive maintenance, physical component inspection, OCPP fundamentals, and reporting.

Apprenticeship Pathway

- Apply → Interview → Employer Match → Paid Apprentice
- Classroom Training (RSI) → On-the-Job Learning (OJT)
- SMaRTCert Certification → Career Advancement

Partner Ecosystem

SMaRTech is a collaborative network: community colleges and adult schools deliver RSI; employer partners provide paid OJT; ICAN administers the registered apprenticeship; and government agencies such as California DAS and the U.S. Department of Labor register and recognize the credential.

Get started today. Employers can hire apprentices; students can apply. Visit smartcert.us or email info@smartcert.us.

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