



# California Solar Training and Certification (CALSTaC)<sup>®</sup>

## *Program Administration Guidelines for PV Installer Certification*

### ***Purpose***

To certify journey-level inside wiremen in the specific competencies required for the safe and accurate installation of Solar/PV systems.

### ***Coursework***

Specific classroom and hands-on training on the planning, installing, and testing Solar/PV systems including:

- PV Systems and Applications
- Siting Evaluation & System Sizing
- Rack Assembly & Module Mounting
- PV Conductors, OCPD, Utility Point-of-Connection, & Grounding
- Inverter Wiring
- System Testing & Operation & NEC compliance

### ***Certification Testing***

- Certification will be awarded to journey-level inside wiremen who achieve 75% or higher on the CA Solar Training Certification exam.
- The exam is a 60-75 question test randomized from a test bank of more than 125 test items.
- The exam was developed by a statewide panel of subject matter experts and received an independent third party technical verification by BEW Consulting, an engineering firm specializing in PV technology.
- The exam and answer key can be obtained only by JATC Directors from the Local 11 JATC.

### ***Certification***

- Certificates are issued by the local JATC and shall contain the NECA and IBEW logos. The JATC logo may also be shown.
- Required verbiage:



- *“(name of JW) has satisfactorily attained competency in solar/PV installation and is hereby awarded certification as a Solar/PV Installer.”*
- Certificates are signed by a certified instructor who has completed the Solar/PV train-the-trainer workshop. The local Training Director should also sign the certificate.

### ***Recertification***

- The certificate is valid for a 3-year period from the date of certification and may be renewed upon completion of 32 hours of continuing education and/or re-examination.
- A new certificate similar to the original shall be issued to authorize re-certification.