

Career Connections

Solar Photovoltaic Installers

Description of Work

Assemble, install, or maintain solar photovoltaic (PV) systems on roofs or other structures in compliance with site assessment and schematics. May include measuring, cutting, assembling, and bolting structural framing and solar modules. May perform minor electrical work such as current checks.

A Day in the Life (Some Typical Activities)

Install solar energy systems. Apply sealants or other protective coatings. Select construction materials. Determine appropriate locations for operations or installations. Install electrical components, equipment, or systems. Determine construction project layouts. Review blueprints or specifications to determine work requirements. Inspect electrical or electronic systems for defects. Test electrical equipment or systems to ensure proper functioning. Test green technology installations to verify performance. Apply identification labels or tags. Create construction or installation diagrams. Select construction equipment. Maintain mechanical equipment. Record operational or environmental data.

Skills needed

1. Installation - Installing equipment, machines, wiring, or computer programs.

Annual Projected Job Openings (CA)

180

Annual Projected Job Openings (USA)

230

CA Wages

\$29,330–\$63,480

USA Wages

\$27,970–\$60,570

Required Education (To Start)

- High school diploma or equivalent.
- Some states require an occupational license to work in this career.

Desired Experience

One to 12 months on-the-job training

Source: CareerOnestop.