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While solar energy is growing in South Carolina, so are the leadership roles within the industry – and that’s how I ended up in my position. I started as a technician, ready to put in the work and be a part of an industry that could provide me longevity in my career. I was installing panels, which required working with electrical systems, knowledge of mounting and wiring, and understanding codes and regulations.

Six years of hands-on experience, learning from mentors, and a willingness to help my community save money put me in the position I'm in today. Now I lead a team. I guide the crew to create solar solutions, make sure we're staying on time and on budget, and remind them that our work keeps money in people's pockets and gets us closer to becoming a clean energy state.

Occupation:

Solar Energy
Installation Manager

Salary:

\$58,284

Education:

High School Diploma
or Equivalent

Job Description:

Solar Energy Installation Managers direct work crews installing residential or commercial solar photovoltaic or thermal systems.*



*Source: This information is based on O*NET™ data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

Job Description:

SOC Code: 47-1011

Top Job Skills:

- Customer service
- Identify opportunities
- Record keeping
- Project planning
- Budget management

General Work Activities:

- Mental Processes
 - Plan layout of construction, installation, or repairs
 - Estimate construction project labor requirements
 - Create construction or installation diagrams
 - Analyze costs and benefits of proposed designs or projects
- Interacting With Others
 - Coordinate construction project activities
 - Communicate with other construction or extraction personnel to discuss project details
 - Order construction or extraction materials or equipment
- Information Input
 - Estimate construction project costs
 - Test green technology installations in order to verify performance
 - Assess locations for potential green technology installations

Source: SC Works Online Services (SCWOS)

LEARN MORE WITH SCWOS:

SC Works Online Services (SCWOS) is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit jobs.scworks.org.

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting [O*NET.org](https://www.o*net.org).

JOB STATISTICS:



Typical Wage Range
\$54,850 - \$79,100



Projected Growth
976/yr Job Openings



Employed In-State
10,320



Required Education
High School Diploma
or Equivalent



Work Experience
Typically Requires
Five Years or More



On-the-Job Training
Typically
Requires None

*Source: Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Trident
- Greenville
- Upper Savannah
- Waccamaw
- Lowcountry
- Upstate

EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- EMPWR Solar
- Detail Solar, LLC
- US Energy Solutions

RELATED OCCUPATIONS:

- Solar Photovoltaic Installers
- Solar Sales Representatives and Assessors
- Construction Managers
- Solar Thermal Installers and Technicians
- Project Management Specialists

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. **Last Updated:** 2025.