

Solar Application Engineer

Northern Arizona Wind and Sun
Flagstaff, AZ 86004
Full-time

Point of Contact:

James Hall - (928) 526-8017 x104 | (800) 383-0195 x104 | james@solar-electric.com
(Please email resume - james@solar-electric.com)

Full Job Description

Northern Arizona Wind & Sun is a rapidly growing distributor of solar electric equipment and battery systems. We offer custom system design and equipment sales for a variety of renewable energy applications. Primarily solar focused, we provide solutions for grid-tie, off-grid, RV/marine, battery backup, hybrid, wind, water pumping, and more. The company was founded in 1979 and has always stayed current with industry advancement and new technology. Our catalog includes thousands of different products of which customers can order on our website, by phone, or in-person at our office. We also provide consulting, design, technical support, and troubleshooting for systems and equipment purchased from us. We do not design or manufacture new products.

<https://www.solar-electric.com/>

NAWS is actively seeking multiple candidates interested in renewable energy, to expand our technical sales and engineering team. Our Engineering Team communicates directly with customers to understand their energy needs and goals. From there we design a custom solar electrical system and/or recommend the correct equipment for their application. We do not go on-site or offer installation services, but we work closely with our customers and contractors to provide the best solution possible along with unparalleled post-sale support. Our experienced team will provide technical on-the-job training for solar electric system design. No previous industry experience required, but eagerness to learn and an interest in solar is required.

Responsibilities:

- Become an expert in our product offerings and serve as the go-to source for clients who want more information concerning the product and solutions we offer

- Field inbound emails, phone calls, leads, and other client enquires and design optimal renewable energy solutions and provide quality proposals to best suit clients' needs.
- Build and maintain strong relationships with our customers to promote future projects by educating the customer on product solutions, alternatives, features, and benefits
- Evaluate technical project requirements, customer provided data, and other available information to identify the client's optimal renewable energy solution
- Collaborate closely with all facets of the team to be successful in delivering quality solutions to clients
- Design renewable energy solutions utilizing a wide variety of equipment manufacturers to meet project requirements or clients' needs
- Coordination with internal teams, Manufacturers, and Venders to ensure products and deliverables will meet client requirements
- Prepare Project Drawings and Line Diagrams in CAD to support the client's project
- Provide post-sales technical support and troubleshooting for systems and equipment purchased from us.
- Maintain continued technical training to stay informed on market trends, industry standards, new product solutions, and industry best practices.
- Conduct independent research, learn, and present to team new developments/product solutions within the industry
- Provide technical resources, for continued learning, marketing, and/or brand promotion.
- Performs other duties as assigned.

Requirements:

- Interest in solar energy and willingness to learn
- Proficiency with computers (Outlook, Office, Web Browsing, chat, etc.)
- Strong interpersonal skills, both written and oral, and an ability to communicate complex ideas through emails, phone calls, and live engagements.
- Comfortable working both independently and as part of a team environment
- Self-motivated, requires minimum supervisions, and proven track record of reliability and good work ethic.
- Good communication skills with customers, management, and internal teams
- Ability to adapt and learn quickly in a fast-paced work environment
- Well organized with attention to detail and proficient at multitasking
- Pro-active mentality and professional working attitude
- Strong verbal communication skills with fluency in English
- Must be authorized to work in the US

Preferred Qualifications & Experience:

- BS Degree in Engineering or Physical sciences (including Mechanical, Structural, Electrical...)
- Knowledge of solar and electrical industry
- Fundamental electrical knowledge
- Knowledge of the standard calculations/formulas that are required for PV Design: Module String Sizing, Wire/Conduit Sizing, Voltage Drop, Circuit Protection Sizing, Energy Calculations, Battery Sizing, Etc.
- Knowledge of standards including NEC, UL/IEC, IEEE, and building codes
- PV Design experience
- Fundamental electrical knowledge
- Sales and/or customer service experience
- NABCEP Certification
- Bilingual (Spanish or other languages)

Job Type: Full-time

Pay: \$40,000.00 - \$75,000.00 per year

Benefits:

- 401(k) matching
- Health insurance
- Paid time off
- Holidays off

Schedule:

- Monday to Friday
- 8 hours shift