



## Energy Engineer

Advanced Energy is a non-profit energy consulting firm. We work with electric utilities, government and a wide variety of public and private partners. Our customized services include research, testing, training, consulting and program design.

This position will provide engineering and/or technical services in the energy field to utilities, industrial, commercial and agricultural facilities, government agencies, and other customers. The ideal candidate will have a strong background in industrial systems including motors and drives.

### Engineering and/or Technical Support

- Provide engineering support to Advanced Energy's motors and drives testing laboratory including hands-on testing, lab equipment operation and maintenance, quality control, data analysis, and technical report preparation
- Promote safety within the lab environment through the use of safety equipment and adherence to safety procedures
- Conduct site assessments at industrial manufacturing sites and large business facilities to identify opportunities for energy efficiency, demand response, demand reduction or electrification
- Provide engineering, process and/or economic analysis and present concise results of recommendations for improvements to customers
- Acquire data from field metering, lab instruments or utility meters and process into useful information
- Apply calculations, algorithms, and/or modeling to estimate savings of individual energy efficiency, demand response, demand reduction or electrification measures
- Perform onsite pre-/post-retrofit project field inspections as needed and provide hands on assistance in deploying new technologies in the field
- Prepare reports and documentation with analysis, results, and recommendations for further action
- Maintain technical and professional knowledge by attending workshops, reviewing professional publications, establishing personal networks, and participating in professional societies
- Present and explain proposals, reports and findings to clients. Clarify and evaluate technical aspects of service requests from customers
- Conduct workshops and presentations and/or present technical papers that highlight our capabilities.

### Requirements

- Bachelor's degree in electrical or mechanical engineering or relevant technical field or equivalent combination of education and experience
- One year relevant technical work experience
  - Experience working with electric motor and drives systems a plus
  - Preferred to have experience with systems in industrial, commercial and agricultural facilities such as compressed air, chillers, refrigeration, lighting, boilers, heating and air conditioning and process technologies
  - LabView experience a plus
- Strong written and oral communication skills
- Experience with Microsoft Excel, Word, and PowerPoint,
- Ability to work in teams as well as independently
- Organization skills and attention to detail
- Ability to deliver projects and adhere to project budget
- Commitment to excellent customer service.
- May involve travel up to 30% of time.
- Must have a valid driver's license and be able to work in industrial environments (plants and labs) to include climbing ladders, lifting up to 30 pounds comfortably and following safety instructions
- Attention to safety requirements for locations of work and commitment to operating in a safe manner at all times

**Location:** Raleigh, NC

**Employment Type:** Full-time

*Advanced Energy is an Equal Opportunity/Affirmative Action Employer. Recruitment provided by Capital Associated Industries. To apply: <https://capital.applicantpool.com/jobs/306695.html>*