



## 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

- Conduct site assessments at large business facilities to identify opportunities for energy efficiency, demand response or electrification
- Perform audits of motor service centers for conformance to program standards (ANSI/EASA AR100)
- 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
- Provide engineering support to Advanced Energy's motors and drives testing laboratory
- Apply calculations, algorithms, and/or modeling to estimate savings of individual energy efficiency and demand response 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
- Three to five years relevant technical work experience
  - Experience working with electric motor and drives system testing and repair of electric motors a plus.
  - Preferred to have experience with systems in industrial, commercial and agricultural facilities such as compressed air, boilers, heating and air conditioning and process technologies
- Strong written and oral communication skills
- 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.iapplicants.com/application.php?job\\_id=772325&app\\_id=5129](https://capital.iapplicants.com/application.php?job_id=772325&app_id=5129)