



## 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.

### Engineering and/or Technical Support

- 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.
- Promote safety through the use of safety equipment and adherence to safety procedures

### Requirements

- Bachelor's degree in electrical or mechanical engineering or relevant technical field or equivalent combination of education and experience
- Minimum of three to five years relevant technical work experience including:
  - Knowledge of systems in industrial, commercial and agricultural facilities such as motors and drives, compressed air, chillers, refrigeration, lighting, boilers, heating and air conditioning and process technologies
  - Understanding of measures to achieve energy efficiency, demand response, demand reduction and/or electrification
  - Preferred to have Certified Energy Manager (CEM) or similar credential and familiarity with compliance with ISO standards such as ISO 14001 or 50001
- Strong written and oral communication skills, organization skills and attention to detail
- Ability to work in teams as well as independently
- Ability to deliver projects and adhere to project budget
- Commitment to excellent customer service
- Experience with Microsoft Excel, Word, and PowerPoint
- 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/394896.html?latest\\_5dcf2add37b30](https://capital.applicantpool.com/jobs/394896.html?latest_5dcf2add37b30)