

ACCEPTING APPLICATIONS FOR:

Senior Engineer

Job Req: 16

(Email applications to resumes@frontierassoc.com)

Email applications must include the Job Requisition FRONT 16 in the subject line to avoid relegation to our junk email folder. Frontier will not be held responsible for submittals that do not include this designation.

Email applications accepted only, no phone calls or site visits.

Frontier is an equal employment opportunity employer.

About Frontier

Electric and gas utilities across the nation are increasing their investments in energy efficiency, through the provision of financial incentives and the sponsorship of market transformation initiatives to increase customer adoption of efficient technologies. Utilities are required to assess the potential for energy efficiency improvements in their service area, demonstrate the cost-effectiveness of their energy efficiency programs, and design effective approaches to program marketing and delivery.

Established in 1999, Frontier is a leading consultant to the electric and gas industry in the area of energy efficiency and demand side management. Frontier Associates provides consulting assistance in the following areas:

- Energy Efficiency and Renewable Energy Programs
- Energy Pricing and Resource Planning
- Market Research

Job Background

Frontier is seeking a professional engineer with expertise in energy efficiency and energy demand side management. The selected individual will be responsible for evaluating energy efficiency opportunities and programs for our utility clients and must have technical competencies to investigate technologies, perform engineering calculations, conduct building simulation modeling, and conduct cost effective analysis utilizing a variety of software tools.

Qualifications

- Bachelors Degree in Mechanical Engineering is preferred; Electrical Engineering, ,Civil Engineering, Building Construction/Science, or Architecture may also be considered depending on course and work history
- PE certification is highly preferred; LEED or CEM certification helpful
- A minimum of 5 years related experience in utility energy efficiency programs
- A strong working knowledge of Evaluation, Measurement & Verification protocols, standards and practices
- Must be able to lead and direct others
- Proficiency with energy simulations programs including DOE 2, eQuest, and EnergyGauge
- Knowledge of the technology behind key energy efficiency and conservation measures (Lighting, HVAC, Data Centers, Building Envelope, Refrigeration, Industrial Processes, Energy Management and Control Systems, Motors and VFDs, etc.) is a big plus
- Must have excellent communication skills
- Must be capable of performing tasks with minimal supervision
- Experience generating billable work in a consulting environment is preferred

Primary Tasks

- Develop energy efficiency studies in support of electrical and gas utility programs
- Oversee development of measurement and verification activities for a variety of clients
- Develop simulation models for energy efficient measures using DOE 2, eQuest and EnergyGauge Software Programs
- Assist utility clients in identifying potential target markets for energy efficiency programs
- Identify and document cost-effectiveness inputs, including effective life, incremental installation and operating cost, discount rates, electricity and gas rates and inflation adjustment factors
- Manage project resource requirements to ensure adequate staff and support resources

- Provide engineering and consulting assistance to clients on assignments related to energy efficiency and energy engineering
- Assist with business development activities, including development of proposals

Benefits

Frontier provides a flexible work environment, competitive compensation, and great benefits (including a retirement plan).

Location

Austin, Texas