



An Equal Opportunity Employer

CAREER OPPORTUNITY

TITLE: Energy Engineer III
LOCATION: Division of Energy, Jefferson City, MO – Harry S Truman Building
TRAVEL: Occasional travel with periodic overnight travel required
MAXIMUM ANNUAL SALARY: \$52,680 - \$54,864
CLOSING DATE: Screening process to begin immediately. Deadline for responses no later than May 23, 2014

APPLICATION PROCESS:

Interested applicants may submit your cover letter, resume, references and transcripts via fax or email at:

Fax: (573) 522-9814

Email (please note, no spaces in address): hrhelpdesk@ded.mo.gov

QUALIFICATIONS:

1. Three or more years of experience as an Energy Engineer II with the Missouri Uniform Classification and Pay System; and registration as a Professional Engineer in the State of Missouri. - OR -
2. A Bachelor's degree from an accredited college or university in Engineering, with the curriculum accredited by the Accreditation Board for Engineering and Technology, Inc. (ABET) in one of the following fields: Mechanical, Electrical, Chemical, Environmental, Mining, Nuclear, Petroleum, Industrial, Engineering Management, or other energy-related engineering disciplines; and, Four or more years of engineering experience and registration as a Professional Engineer in the State of Missouri.
(A Master's degree in Engineering from an accredited college or university may substitute for two years of the required experience.)

ESSENTIAL FUNCTIONS AND RESPONSIBILITIES:

- Collect, analyze and interpret engineering data pertaining to energy efficiency projects.
- Perform detailed energy audits or provide other technical assistance to multiple entities including industrial facilities, drinking water and waste water facilities, schools, colleges, universities, city, county and state buildings and homeowners.
- Prepare, review and approve engineering reports and prepare recommendations on energy-efficiency improvements, alternative energy use or fossil energy resources and collaborate with Division of Energy staff in whole-building energy-using systems, energy-efficiency techniques and technologies and alternative or fossil energy projects.
- Maintain expertise in nationally and internationally recognized minimum building energy codes, provide training in and assistance with interpreting these standards, codes and federal guidelines.
- Advise and make recommendations on highly technical and complex analysis of integrated resources plans submitted by utility companies, including analysis of load forecasting assumptions, energy-efficiency potential and electrical generation technologies.
- Participate in the development of program performance and measurement criteria for the Energy Loan Program. Review loan applications and perform engineering calculations to verify information submitted.
- Administer Missouri's home energy certification program and implement and manage projects administered by Division of Energy and/or performed by subcontractors and sub grantees.
- Recommend and coordinate development of training curriculum for training of subcontractors, sub grantees and private-sector contractors working in connection with Division of Energy programs.
- Perform other related work as assigned.

JOB KNOWLEDGE, SKILLS, AND ABILITIES:

To perform this job successfully, an individual must be able to perform each essential function of the job with or without reasonable accommodations.

- Intermediate knowledge of the principles and practices of engineering.
- Intermediate knowledge of building engineering as it relates to mechanical, electrical and energy components.
- Intermediate knowledge of the principles of project management.
- Intermediate knowledge of alternative, renewable and fossil energy sources, and energy efficiency methods, technologies, techniques, equipment and materials.
- Intermediate knowledge of energy audit procedures.
- Ability to perform engineering calculations and measure energy and cost savings.
- Ability to analyze complex problems and present findings.
- Ability to apply federal and state guidelines, policies and procedures.
- Ability to establish and maintain effective working relationships with staff, other agencies, business, organizations and the general public.
- Ability to demonstrate regular and predictable attendance.