



JOB OPPORTUNITY BULLETIN

CLASSIFICATION: Electric Generation System Specialist I

TENURE: Permanent

TIME BASE: Full Time

SALARY: \$7,058.00 - \$8,732.00

LOCATION: Energy Systems Research Office
Energy Research and Development Division
Sacramento, CA

FINAL FILING DATE: Until Filled

The Energy Commission supports research to better understand how the role of natural gas should evolve in the state's energy system. The Energy Research and Development Division's natural gas-related research benefits California's economy, environment, and ratepayers by developing technologies, tools, and methods that increase energy efficiency, reduce pollution and greenhouse gas (GHG) emissions, and increase public safety. You will join a team that fosters cutting edge and innovative technologies that advance energy efficiency and safety measures that are not adequately addressed by the regulated and competitive markets.

DUTIES/RESPONSIBILITIES:

The Electric Generation System Specialist I (EGSS I) serves as part of interdisciplinary and/or interdivisional teams to plan and implement research, development, and demonstration (RD&D) projects that will improve the safety and integrity of the natural gas infrastructure, which provides the fuel for electricity generation.

Under the direction and supervision of the Energy Resources Specialist III (Supervisor), the incumbent will address research issues affecting the design, operation, and safety of the natural gas infrastructure including distribution and transmission pipelines and storage systems. The incumbent will also assess the ability of new and emerging technologies and tools used to help improve the safety and integrity of the natural gas infrastructure. Further, the incumbent will review risk assessment and management tools, and other infrastructure data to assess impacts to the natural gas infrastructure which may cause disruptions to electricity generation systems.

WORKING CONDITIONS:

The work is performed in an indoor office and meeting room setting involving sitting, standing, and walking. Travel is required to attend workshops, hearings and meetings. Additional hours beyond an eight-hour workday or forty-hour workweek may be required. While performing the duties described below, the incumbent will be required to work alone, work within a team, utilizing a personal computer and appropriate Energy Commission software such as the Microsoft suite of software, electronic mail and the Internet. The incumbent will be required to plan, organize, assist and/or participate in meetings with other Energy Commission staff, staff from other federal and state agencies, consultants, contractors, and other parties active in energy-related research and development.

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Duties include, but are not limited to:

- Lead complex research efforts to analyze and evaluate technologies and tools that improve the safety and integrity of California's natural gas infrastructure. Provide oversight and expert feedback on natural gas safety and integrity program research topics such as pipeline integrity detection systems, right of way encroachment systems, high accuracy mapping systems, GPS excavating encroachment systems, training needs, etc. Lead outreach to stay informed on California and national research efforts to improve the safety and integrity of the natural gas infrastructure and potential impacts to electricity generation systems.
- Reviews proposals to determine how well the research project addresses the scope of the solicitation criteria, including, but not limited to, the extent the project will advance science or technology; addresses market issues and needs; meets specified target goals and objectives; assesses the skill and experience of the project team to carry out the technical tasks within budget and schedule, and move the results into the marketplace; and, assess the adequacy of the project funding. The incumbent will also prepare written determinations of evaluations for use by technical scoring committees. The incumbent may brief the Office, Division, Commission management and/or Commissioners on the status of the projects.
- Research Results Dissemination and Communication. The incumbent oversees the completion of complex project reports, fact sheets, and other documents to disseminate research results and lessons learned to Energy Commission staff and others with a focus on transferring information that provides significant public benefits to California and meets the state's energy policies and goals. Coordinate natural gas infrastructure research activities particularly to identify opportunities to highlight successes and benefits in project and annual reports; communicate with key stakeholders (e.g., CPUC, Pipeline and Hazardous Materials Safety Administration, utilities, etc.) to be informed on current issues and to ensure research is relevant and adds value to California's natural gas program; work with the management team to develop a strategy to showcase the Natural Gas Infrastructure Safety and Integrity Program through public workshops, media events and print material.
- Reviews and edits reports, resource plans, contracts and other documents associated with work within the division. Establish and maintain project priorities, perform project evaluations, develop the work plans and budgets necessary to meet program and project goals.
- Consult with and advise the Energy Resource Specialist III (Supervisory), Energy Resource Specialist III (Managerial), Team Lead, Division management and Commissioners on a variety of natural gas infrastructure needs related to pipelines (distribution/transmission) and storage systems that provide the fuel needed for electricity generation. Participate in identification of issues and analytic methodologies.

DESIRABLE EXPERIENCE/QUALIFICATIONS:

- Excellent interpersonal skills. Ability to coordinate interdisciplinary projects.
- Ability to work under pressure effectively, both under supervision as well as independently, within a team environment and maintaining positive and constructive work relationships with others.
- Ability to effectively write and edit technical program information. Excellent analytical skills and the ability to reason logically and creatively while analyzing a variety of analytical techniques.

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WHO MAY APPLY: All interested eligible persons are encouraged to apply. Applicants must have either transfer, list, reinstatement, or SROA/Surplus eligibility. Please indicate your eligibility for this classification on the state application form, STD. 678.

Training and Development Assignments may be considered.

INTERESTED APPLICANTS SHOULD SUBMIT A COMPLETED STANDARD STATE APPLICATION (FORM STD. 678) TO:

SUBMIT APPLICATIONS TO:

Personnel Services Office
Attn: RPA #330-160
1516 9th Street, MS-3
Sacramento, CA 95814
Phone: 916-654-4305

**California Relay (Telephone) Service for the
Deaf or Hearing-Impaired
From hTDD Phones: 1-800-735-2929
From Voice Phones: 1-800-735-2922**