



JOB OPPORTUNITY BULLETIN

CLASSIFICATION: ELECTRIC GENERATION SYSTEM SPECIALIST III

TENURE: LIMITED TERM (MAYBE EXTENDED OR BECOME PERMANENT)

TIME BASE: FULLTIME

SALARY: \$7,825 - \$9,798

LOCATION: SACRAMENTO, CA

FINAL FILING DATE: UNTIL FILLED

DUTIES/RESPONSIBILITIES:

The Electric Generation System Specialist III (EGSS III) will supervise the Renewables Integration and Environmental research teams under the general direction of the Energy Generation Research Office Manager in the Energy Research and Development Division,. The EGSS III provides supervisory and technical experience of renewable integration technology strategies as well as knowledge on how emerging technologies will fare under various regulatory and policy scenarios. The EGSS III works cooperatively with the Renewable and Advanced Generation Technologies team lead to guide a team to develop and oversee research, development and deployment activities needed to optimally design, deploy, and integrate new technologies within the electricity system and its regulatory structure. The incumbent has the ability to evaluate new and emerging renewable and conventional generation technologies and other enabling technologies to be designed, developed, and deployed to help meet the Renewable Portfolio Standard targets and greenhouse gas emission targets and goals, while maintaining a reliable and cost-efficient generation system.

The incumbent will:

- Plan, organize and supervise the work of other professional staff engaged in renewable integration research, development and deployment activities. Develop long term vision, plans and roadmaps to help direct the technical staff for future research, development and deployment activities supporting the integration of renewables in California. Work collaboratively with the Renewable and Advanced Generation Technologies and Environmental team leads to provide leadership and overall direction to technical staff engaged in the evaluation of new renewable generation technologies to meet the Renewable Portfolio Standard goals and scenario development for the future electricity system. Develop and manage computer models to evaluate the system impacts of new technologies on the California electricity grid; assess technologies to improve forecasting capabilities for renewable resource availability; assess technical and system issues resulting from high penetrations of distributed generation and combined heat and power technologies; develop and manage analytical tools to determine the optimal characteristics, design, operation, and locations for new renewable technologies; and develop and publish scenarios detailing optimal configuration of new renewable resources. Review products for accuracy, completeness, and professional presentation.

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- Complete outreach activities with other state agencies, key federal and state government agencies (such as Department of Energy, Department of Defense, California Public Utilities Commission, Air Resources Board), California utilities, and the California Independent System Operator to identify areas of mutual interest and actions associate with the implementation of increased renewable technologies on the California and national electric grid. Participate in state and national working groups and advisory groups overseeing the development and implementation of new and emerging renewable technologies. Represent the staff before the Commission and the Commission before federal, state (e.g. CPUC and Air Resources Board proceedings), and local agencies and interest groups by providing reports, testimony, advice, and comments.
- Assist the Office Manager with management responsibilities within the office, including recruitment, administrative, overseeing personnel actions, individual and team motivation, probation and performance reviews, career development, employee recognition, and training.
- Perform administrative duties and oversees the successful completion of key staff tasks such as: contract and grant development activities, critical project reviews, developing and publishing of contractor and staff technical reports, weekly status reports, and responses to ad hoc information requests.

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 & Development Assignments may be considered.

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

SUBMIT APPLICATIONS TO:

California Energy Commission
Personnel Services Office
Attn: RPA #320-315
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

personnelservices@energy.ca.gov