



JOB OPPORTUNITY BULLETIN

CLASSIFICATION:	Senior Mechanical Engineer
TENURE:	Permanent
TIME BASE:	Full Time
SALARY:	\$8,978.00 - \$11,235.00
LOCATION:	Efficiency Division, Appliances Office
FINAL FILING DATE:	Until Filled

Established in 1974, the California Energy Commission is the state's primary energy policy and planning agency. Located in vibrant downtown Sacramento, within walking distance from Light Rail, the state Capitol, and other amenities, the California Energy Commission is advancing many of the state's cutting edge energy and climate programs and policies.

The California Energy Commission's Appliances Office is looking for a dynamic and highly motivated individual who is interested in helping Californians continue to have energy choices that are affordable, reliable, and environmentally acceptable. If you are looking to work for an organization that encourages creativity and supports a cooperative work environment, look no further. If you have excellent interpersonal, organizational and project management skills as well as excellent written and oral presentation skills, we encourage you to apply. The full duty statement is available at <http://www.energy.ca.gov/careers/jobs.html>

DUTIES/RESPONSIBILITIES:

- Plan, organize, and provide high level engineering technical leadership, direction and coordination for mechanical engineering analysis conducted to develop and implement new appliance efficiency standards for mechanical systems such as heating, ventilation, and air-conditioning (HVAC) equipment. Develop design and performance standards for appliance energy and water efficiency. Maintain expert knowledge and participate in related U.S. Department of Energy efficiency standards for commercial and non-commercial appliances. Collaborate with the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE), American National Standards Institute (ANSI), IEEE, Canadian Standards Association (CSA), and other standards associations for appliances to implement energy saving strategies for California. Maintain expert knowledge and leadership for appliance rulemakings to maintain and create state efficiency standards. Maintain expert and ongoing knowledge in all aspects of appliances science related to energy and water efficiency research and development, emerging technologies, test procedures, modeling, standards development, and market transformation programs.
- Plan, organize, and provide high level engineering technical leadership, direction, and coordination for mechanical engineering analysis conducted to implement and develop federal efficiency standards, contracts, program milestones, and project schedules. Organize and identify necessary engineering work for the program, including changes to the appliance standards, technical support for federal standards or state contracts, and participation in federal rulemakings. Coordinate with the Building Standards Office on mechanical system improvements in new construction.
- Serve as the State's lead engineering representative performing the most difficult and complex work related to mechanical engineering analysis to advance the Commission's' appliances program. Prepare technical responses for issues related to appliance standards. Lead



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engineering staff in analyzing and solving complex and difficult engineering problems. Provide quality review of the engineering work of staff and the review of the engineering analyses submitted by parties to rulemaking activities regarding the Appliance Efficiency Standards.

- Prepare and present engineering recommendations to management, commissioners, and the public related to appliance efficiency to aid policy decisions.
- Prepare and testify on request at Commission workshops or hearings or on behalf of the Commission before legislative bodies, governmental entities, and agencies on engineering findings related to energy efficiency measures, costs and benefits.
- Perform other duties as required consistent with the specifications of this classification.

DESIRABLE EXPERIENCE/QUALIFICATIONS: The successful applicant should have:

- Knowledge of the Title 20 Appliance Efficiency Standards
- Knowledge of mechanical engineering specifications for appliance efficiency measures
- Ability to communicate effectively and be able to relay complicated information in a simple, consumer-friendly manner
- Excellent interpersonal and team leadership skills
- Ability to work with other offices within the Division and other Divisions within the Commission on interdisciplinary projects
- Ability to effectively write and edit technical program information.

WHO MAY APPLY: Eligible candidates who are current state employees with status in the above classification or lateral transfers from an equivalent class, former state employees who can reinstate in this classification or persons who are reachable on a current employment list for this classification. Appointment is subject to the provisions of the SROA process: SROA / SURPLUS / REEMPLOYMENT candidates are encouraged to apply and must attach a copy of their status letter.

Interested applicants must submit a completed Standard State Application (Form STD. 678) with an original signature, to the contact/address listed below. Electronic applications will be accepted. **You must clearly indicate the basis of your eligibility (i.e., list, transfer, SROA/Surplus, reinstatement, etc.), RPA #410-399 and Position #535-410-3579-002 in the "Explanation Section" of the STD 678.** A separate application is required for each position. Resumes are welcomed but do not take the place of the completed State Application STD 678. Will consider a Training and Development (T&D) Assignment. Applications will be screened for experience and only the most qualified will be contacted for an interview. **NOTE: Failure to comply with the filing instructions and incomplete applications received will not be considered.**

***Please Note:** Possession of the minimum qualifications will be verified prior to the interview and/or appointment. If it is determined an applicant does not meet the minimum qualifications, the application may be forwarded to the State Personnel Board for review and the applicant's name may be removed from the eligibility list.*

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

SUBMIT APPLICATIONS TO:

Personnel Services Office
Attn: RPA #410-399
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