



State of California
California Energy Commission
DUTY STATEMENT
CEC-004 (Revised 4/2024)

Classification(s): Senior Mechanical Engineer

Working Title: Energy Sustainability Technical Lead

Position Number: 535-360-3579-001

Division/Branch: Energy Research and Development/Sustainability and Resilience

Collective Bargaining Identifier (CBID): R09

Work Week Group (WWG): E

Date Approved: October 9, 2026

Conflict of Interest (COI): ☒ Yes ☐ No

If yes, this position is responsible for making or participating in the making of governmental decisions that may potentially have a material effect on personal financial interests. The appointee is required to complete Form 700 within 30 days of appointment, which identifies pertinent personal financial information.

Job Description

Under the general direction of the Branch Manager of the Sustainability and Resilience Branch, the Energy Sustainability Technical Lead performs the more difficult mechanical engineering work and provides technical leadership in the planning, development, and implementation of the California Energy Commission's (CEC) research, development, demonstration, and deployment and other activities focused on energy-related research on climate risk management; energy sector resilience; energy-system impacts to public health and the environment; emissions of methane; and the energy-system transition to meet state energy goals. In addition, the incumbent represents the division and the CEC before various state and federal agencies, the Legislature, companies, research organizations, communities, and other parties. The incumbent serves as a subject matter expert on policy, technology, market, and strategic issues as directed; informs decisionmakers on strategies for achieving the state's energy goals; and fosters governmental and private sector collaboration.

Essential Duties

- 20% **Engineering Analyses:** As lead engineer, perform data collection, data analysis, and other technical and difficult engineering assignments to support and/or advance policy and program development, implementation, and improvements. Analyze issues associated with new technologies, research, and end uses related to new and existing programs.
- 20% **Deliverables:** As lead engineer, prepare difficult and complex comprehensive engineering deliverables, including written products, briefings, presentations, and other communications, leveraging expertise in energy-related environmental, climate change, and public health research.

- 20% **Technical Support:** Serve as a technical expert and provide professional engineering advice and analysis to team members, management, commissioners, and stakeholders. Lead responses to requests for technical assistance and information from internal and external stakeholders. Mentor and coach applicable team members in the division.
- 20% **Regulations and Guidelines:** Inform and lead engineering research related to rulemakings, proceedings, and/or guidelines activities. Perform data gathering, research and analysis, document preparation, and administrative tasks. Participate in meetings, public workshops, and hearings.
- 15% **Decarbonization:** Lead decarbonization activities targeting energy systems transitions to zero carbon resources. Work with other CEC divisions, agencies, professionals, and energy policy experts to increase understanding of barriers and contribute to identifying opportunities and pathways to increase energy systems decarbonization.

Marginal Duties

- 5% Perform other duties as required, consistent with the specifications of the classification.

Working Conditions

The CEC supports a hybrid workplace model with office-based and remote-centered workers. Limited in-person attendance and occasional travel may be required based on the needs of the division. Regular and consistent attendance is essential to successful performance. This position is remote-centered, which means the incumbent works 50 percent or more of their time from an alternate work location.

Diversity and Inclusion Statement

Serving all Californians, the CEC embodies diversity, equity, and inclusion, and has taken an active and meaningful role in creating an environment that enables each employee to thrive.

Employee's Acknowledgement: I certify that I am able to perform, with or without the assistance of a reasonable accommodation, the essential duties of this position.

Employee's Name (Print): _____

Employee's Signature: _____ **Date:** _____

Supervisor's Acknowledgment: I certify this duty statement represents a current and accurate description of the essential functions of this position. I have discussed the duties of this position with and provided the above-named employee a copy of this duty statement.

Supervisor's Name (Print): Alex Horangic

Supervisor's Signature: _____ **Date:** _____