STATE OF CALIFORNIA
DUTY STATEMENT
CEC-004 (Revised 2/2022)

Classification(s): Air Pollution Specialist

Working Title: ZEV Infrastructure Economist

Position Number: 535-3887-012

Division/Office: Fuels and Transportation Division/ Light-duty Electric Vehicle Infrastructure and Analysis Office

Collective Bargaining Identifier (CBID): R09

Work Week Group (WWG): WWG 2

Effective Date: March 23, 2022

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 general supervision of the Energy Resources Specialist III (Supervisory) in the Light-Duty Electric Vehicle Infrastructure and Analysis Office of the Fuels and Transportation Division (FTD), the incumbent will help achieve the goals of the Clean Transportation Program. The incumbent will work both independently and participate on teams to develop methodologies to assess the business case for and economics of fueling a zero-emission vehicle (ZEV). The incumbent will use scientific and economic principles to evaluate the cost of fueling equipment, operation and maintenance, and consumer willingness to pay for fueling at home and at publicly available locations. The incumbent will perform complex technical and analytical tasks. The incumbent will establish working relationships with other government agencies and industry stakeholders, access current technology information, and make recommendations on the development of incentive programs to meet the policies and regulations associated with zero-emission vehicle technologies, with a focus on charging and fueling infrastructure.

Essential Duties

35% Perform technical work related to ZEVs and ZEV infrastructure costs. Technical work will include using scientific and mathematical principles to analyze utility rates, charger utilization, return on investment, and demand for charging at varying prices. This will include reviewing technical literature and data, including information from policy and
planning documents, charging data, existing projects, and surveys. Research and report on the state-of-the-art (technology and cost) for zero-emission fueling infrastructure, and make presentations at appropriate venues.

25% Prepare clear and accurate technical reports, research findings, issue papers, legislation analysis and regulatory documentation, which are often used for Commission decisions. The incumbent will be required to communicate results of analysis clearly and accurately to management and impacted stakeholders, both verbally and in writing. Oversee the development of market assessment reports to evaluate zero-emission fuel use and market penetration, business trends, and other factors that stimulate and impact the development, consumption, and use of ZEVs in California. Work with other agencies in the design, evaluation, and finalization of the reports. Design and facilitate workshops.

20% The incumbent may be required to develop projects to meet program goals to transform California’s fuel and vehicle types to attain the state’s climate change and greenhouse gas emission reduction policies. Serve as team lead to develop economic incentives to stimulate charging infrastructure deployment. Develop work statements, budgets, and schedules for Energy Commission agreements, grants, and contracts. Approve invoice payments for completed work. Initiate, develop, and approve agreement amendments. Conduct independent, in-depth technical and compliance reviews of the work conducted by agreement recipients, including site inspections.

15% Serve as team lead to develop regulatory and guidance documents on implementing incentives and innovative financing programs, which may be in conjunction with other state agencies, and other affected stakeholders. Coordinate efforts with local, state, and national government agencies. Organize technical assistance consultations, and participate in meetings with vehicle, infrastructure, and component part manufacturers.

Marginal Duties

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

Working Conditions
The California Energy Commission offers a hybrid workplace model that is designed to support a distributed workforce of both office-based and remote-centric workers that relies on a high level of telework. Limited-in person attendance and occasional travel may be required based on the needs of the division. Regular and consistent attendance - whether office-based or remote-centric - is essential to the successful performance in this position. This position is remote centered which means the incumbent works 50 percent or more of their time monthly from an alternate work location.

Diversity and Inclusion Statement
As a State agency serving all Californians, the California Energy Commission is committed to being an organization that embodies diversity, equity, and inclusion. The Energy Commission plays an active and meaningful role in creating an environment that enables each employee to thrive.