



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

Classification(s): Electric Generation System Specialist I

Working Title: Grid Resilience Specialist

Position Number: 535-360-4841-951

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

Collective Bargaining Identifier (CBID): R09

Work Week Group (WWG): 2

Date Approved: November 13, 2024

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 direction of the Supervisor of the Energy Resilience Unit, the Electric Generation System Specialist I (EGSS I) serves as part of interdisciplinary and/or interdivisional teams to plan and implement the California Energy Commission's (CEC) research, development, demonstration, and deployment (RDD&D) programs. The EGSS I performs complex engineering, statistical, and economic analyses of energy systems and/or technologies. The EGSS I performs independent, varied, and complex technical and analytical work regarding the advancement and deployment of electric grid reliability and resilience technologies and strategies with a focus on grid hardening, energy storage, microgrids, demand flexibility, equitable energy transitions, community engagement, workforce development, and other technologies and strategies to inform the development and implementation of the state's energy policies and objectives, including decarbonization, energy affordability, and equity. The EGSS I may serve as a project lead for other technical and analytical staff.

Essential Duties

20% **Research Portfolio Development:** Develops and manages RDD&D solicitations and contributes to the development of RDD&D initiatives with a focus on grid hardening, energy storage, microgrids, demand flexibility, equitable energy transitions, community engagement, workforce development, and other technologies and strategies for strengthening energy resilience and grid reliability. Conducts technical and market analyses and consults with subject matter experts in support of solicitation and initiative development.

- 20% **Technology Analysis:** Conducts complex engineering, statistical, and economic analyses of energy systems and technologies with a focus on grid hardening, energy storage, microgrids, demand flexibility, equitable energy transitions, community engagement, workforce development, and other technologies and strategies for strengthening energy resilience and grid reliability. This can include complex cost and performance modeling of energy systems and grid hardening technologies and their adequacy to meet community grid reliability and energy resilience goals.
- 20% **Project Management:** Manages RDD&D projects with a focus on grid hardening technologies and strategies, energy storage, microgrids, demand flexibility, equitable energy transitions, community engagement, workforce development, and other technologies and strategies for strengthening energy resilience and grid reliability. Collaborates with project partners, including utilities, startups, established firms, non-profit research institutions, and universities. Leads project management activities, including grant agreement development, research collaborations, technical analysis and support, budget management, financial review, project schedule and progress review, project performance assessment, and benefits estimation.
- 10% **Deliverables and Dissemination of Technical Knowledge:** Develops and delivers written summaries, project reports, fact sheets, presentations, briefings, and other deliverables related to electric grid reliability and resilience and to RDD&D projects and programs to support energy sector planning, policy, and decision-making.
- 10% **Stakeholder Engagement:** Develops and fosters relationships and consults with utilities, community and/or research organizations, federal and state government agencies, and other stakeholders to identify RDD&D needs, barriers, and opportunities and to develop and implement initiatives and projects that provide significant public benefits to California. Shares information on RDD&D activities with these stakeholders and the public through written products, workshops, meetings, and other forums.
- 10% **Data Analysis:** Conducts complex engineering, statistical, and economic analyses of energy data with a focus on energy reliability and resilience. Analyzes and validates diverse datasets, applying statistical methods to uncover patterns and trends, and generates actionable insights to advance energy reliability and resilience goals. Collaborates with interdisciplinary teams to determine project benefits, monitor project performance, and contribute to RDD&D efforts aimed at advancing innovative solutions for energy infrastructure resilience.
- 5% **Policy Advisement:** Develops and provides recommendations to division and CEC leadership to inform policy regarding the deployment and operation of energy technologies, including grid hardening technologies and distributed energy resources. Maintains knowledge of the current state of clean energy policy. Analyzes and evaluates the policy impacts of new technology development; analyzes proposed legislation that may impact current RDD&D initiatives and policy.

Marginal Duties

- 5% Performs 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.



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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): Alexandra Kovalick

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