



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

Classification: Electric Generation System Specialist I

Working Title: Decarbonization and Grid Integration Specialist

Position Number: 535-850-4841-XXX

Division/Branch: Energy Assessments/Advanced Electrification Analysis – Efficiency Analysis Unit

Collective Bargaining Identifier (CBID): R09

Work Week Group (WWG): 2

Date Approved: February 4, 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 direction of a Program and Project Supervisor in the Efficiency Analysis Unit within the Energy Assessments Division (EAD), the incumbent independently performs at the full journey person level varied, complex, technical, and analytical work on the topics of fuel substitution and the integration of residential and non-residential additional achievable demand modifier forecasts and supporting data and their associated electric generation, distribution, transmission planning impacts that are assessed and used in preparation of California's Energy Demand Forecast, the Energy Commission's Integrated Energy Policy Report (IEPR), and other associated work products.

The EAD assesses California's electricity, natural gas, petroleum, and transportation systems and trends to provide information to the state's decision makers and the public. These assessments inform the development, and implementation, of energy policies that balance the need for adequate resources with economic, public health, safety, and environmental goals. The Advanced Electrification Analysis Branch has primary responsibility of forecasting and assessing new or otherwise advanced electrification and efficiency technologies.

Essential Duties

35% **Technical Lead:** Serves as a project lead and technical writer for studies, reports, papers, and presentations that employ the Energy Commission's supply and demand energy models for electricity load impacts. These include analyses (including geographical analyses) associated with electric system generation, transmission, and distribution resulting from fuel substitution of

fossil gas to electricity or other fuels with electricity as a primary input in the agriculture and industrial sectors, and other sectors where appropriate. Organizes and contributes to the development of study scopes, analytical workplans, and report development. Works with a wide variety of technical analysts and experts to facilitate effective project planning, management, and communication, as well as foster robust public engagement. Tracks project progress, identifies barriers and limitations, suggests project alternatives, reports on progress, and recommends adjustments as needed. Coordinates the development of project documentation and technical reports. Synthesizes and communicates complicated information in a simple consumer-friendly manner as a technical writer for various projects.

35% **Modeling:** Develops, maintains, and improves analytical tools and methodologies by applying sound statistics, economic, and engineering principles to analyze fuel substitution and energy efficiency system impact results, using databases, Excel spreadsheets, and other software and analytical tools. Creates and maintains documentation on the functionality and use of the analytical tools, ensuring other staff and stakeholders can use the tools to duplicate analyses performed.

20% **Energy Analysis:** Compiles and analyzes information collected by the California Energy Commission, other regulatory agencies, directs data requests and public data sources related to electric system load shapes, granular hourly and annual impacts of the additional achievable demand load modifier forecasts, and potential geographical analysis of energy demand.

Marginal Duties

10% 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. Work hours above the eight-hour workday or forty-hour workweek may at times be required. 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: _____



State of California
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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): Nicholas Janusch

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



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

Classification: Energy Analyst

Working Title: Decarbonization Analyst

Position Number: 535-850-5837-XXX

Division/Branch or Office: Energy Assessments / Advanced Electrification Analysis -- EAU

Collective Bargaining Identifier (CBID): R10

Work Week Group (WWG): 2

Effective Date: February 4, 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 supervision of the Program and Project Supervisor in the Efficiency Analysis Unit within the Energy Assessments Division (EAD), the incumbent performs work of average difficulty in a wide variety of consultative and analytical assignments in the field of residential and non-residential energy demand forecasting of fuel substitution and energy efficiency impacts, including their geographical impacts. EAD assesses California's electricity, natural gas, petroleum, and transportation systems and trends to provide information to the state's decision makers and the public. These assessments inform the development, and implementation, of energy policies that balance the need for adequate resources with economic, public health, safety, and environmental goals. The Advanced Electrification Analysis Branch has primary responsibility of forecasting and assessing new or otherwise advanced electrification and efficiency technologies.

Essential Duties

- 40% **Modeling Support:** Assists and supports lead staff and supervisor by conducting computer modeling of energy efficiency and fuel substitution impacts, including geographical analyses. Uses quantitative computer coding languages to conduct modeling and clean data for inputs. Conducts analysis of results and creates visualizations.
- 30% **Technical Assessments:** Assists senior staff with analysis of complex energy planning and policy issues, prepares draft project summaries and presentations, and provides low-level

briefings to management. The incumbent researches, reviews, and analyzes energy policy and planning issues as directed. Assists with meetings and public workshops with energy industry representatives, other governmental agencies, private organizations, and the public.

20% **Coordination and Collaboration:** Assists in the coordination of activities and program requirements with stakeholders, including the energy industry, trade associations, utilities, the public, and other state and local agencies. Participates in workshops, conferences, trainings, and outreach events. Assists in responding to stakeholder inquiries, including drafting responses, necessary policy research, data querying, and coordination of meetings between stakeholders and lead staff.

Marginal Duties

10% Performs other duties as required, consistent with the specifications of the classification.

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

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Supervisor's Name (Print): Nicholas Janusch

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