

DUTY STATEMENT

CALIFORNIA PUBLIC UTILITIES COMMISSION

DIVISION Safety and Enforcement Division		EFFECTIVE DATE
BRANCH/SECTION Electric Safety and Reliability Branch/Generation and Energy Storage Section		CLASS TITLE Senior Utilities Engineer (Specialist)
WORKING DAYS AND WORKING HOURS Monday through Friday 8:00 a.m. to 5:00 p.m.		PHYSICAL WORK LOCATION Sacramento or San Francisco
INCUMBENT (If known)		CURRENT POSITION NUMBER (Agency - Unit - Class - Serial) 680-439-3510-005
<p>You are a valued member of the department's team. You are expected to work cooperatively with team members and others to enable the department to provide the highest level of service possible. Your creativity and productivity are essential. Your efforts to treat others fairly, honestly and with respect are important to everyone who works with you.</p>		
<p>BRIEFLY (1 or 2 sentences) DESCRIBE THE POSITION'S ORGANIZATIONAL SETTING AND MAJOR FUNCTIONS: Under general direction of a Program and Project Supervisor, the Senior Utilities Engineer (Specialist) [SUE (Spec)] is responsible for exercising Commission oversight responsibilities for safety and reliability of electric generating and energy storage facilities including, but not limited to, enforcement of the requirements in the Commission General Order GO 167-C and the Public Utilities Code.</p>		
% of time performing duties	Indicate the duties and responsibilities assigned to the position and the percentage of time spent on each. Group related tasks under the same percentage with the highest percentage first. <i>(Use additional sheet if necessary)</i>	
	<u>ESSENTIAL FUNCTIONS:</u>	
30%	Conduct incident investigations and lead facility audits/inspections of generation and energy storage facilities involving technically challenging issues, interviewing knowledgeable people, and prepare related reports. Identify violations of Commission General Orders or other regulatory requirements and draft enforcement documents, including Notices of Violation and Citations. Work on complex engineering and policy issues involving safety and reliability of electric generation (including renewable and thermal technologies), distributed energy resources, battery storage, and related infrastructure.	
25%	Work on complex engineering and policy issues in the form of various special projects involving safety and reliability of electric generation (including renewable and thermal technologies), distributed energy resources, battery energy storage systems, and related infrastructure. Develop and maintain in-depth knowledge of regulated entities and related issues, including new technologies and possible effects on electric generation system safety and reliability. Provide expertise and make recommendations to Commissioners and others including on safety and reliability issues, policies, and regulations related to electric and communication infrastructure.	
10%	Support the section's summer reliability efforts including analyzing generators' summer reliability readiness actions and plans, reviewing power plant outage reports daily, assessing and responding to forced outages by conducting desk and field investigations (sometimes after hours), and compiling outage information into reports for management. Conduct tabletop exercises and rapid response audits and participate in summer reliability coordination meetings and briefings.	
10%	Participate in Commission proceedings involving issues related to safety and reliability of electric generation and battery energy storage systems as a Safety and Enforcement Division representative or expert witness. Prepare technical reports, written testimony, and exhibits, and help draft formal filings. Participate in and/or conduct Commission workshops to assist in the development of new policies, rules, regulations, and programs as they relate to battery energy storage or electric generation. Participate in settlement discussions as necessary. Recommend new or revised rules, guidelines, and regulations regarding safety and reliability issues, including modifications to Commission General Order 167-C and establishing new rules, regulations, and standards for energy storage systems.	
10%	Support management in representing the Commission in dealings with the public, other agencies, regulated entities, and stakeholders, on State or national committees, and at seminars and meetings. Interact and coordinate with other groups within the Commission and with entities such as the California Independent System Operator and the California Energy Commission. Participate in review of proposed legislation and implementation of statutory requirements. Respond to the more difficult inquiries from the public and others.	

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10%	Support the planning, setting, and implementation of Branch and programmatic goals, objectives, priorities, and measurements for success. Develop procedures and guidelines for conducting audits, inspections, and incident investigations. Train staff to conduct audits, inspections, and investigations.
5%	<p><u>MARGINAL FUNCTIONS:</u></p> <p>Perform other work-related duties as required.</p> <p><u>KNOWLEDGE AND ABILITIES</u> [From Class Specs]</p> <p>Knowledge of: California Public Utilities Code and General Orders; trends, issues, State and Federal requirements and basic court decisions affecting public utilities and transportation regulation; traditional rate-making procedures based on the evaluation and analysis of transportation or stationary utility properties including the development of inventories, depreciation, unit costs, taxes, rate base, revenues, expenses, and rate of return/operating ratios as well as performance-based and incentive rate-making mechanisms; financial structure and prescribed accounting classifications; engineering terminology, fundamentals, mathematics, and economics; physical properties of transportation or stationary utilities and standards of service, reliability, and safety; materials and methods of engineering construction; engineering mathematics; procedures of conducting hearings before the California Public Utilities Commission and other regulatory agencies.</p> <p>Ability to: Establish and maintain project priorities; reason logically and creatively; develop and evaluate alternatives; analyze data and perform research work; analyze situations accurately and take effective action; communicate and negotiate effectively; prepare reports, correspondence, safety oversight plans, and exhibits; translate engineering calculations and analyses into concepts usable by decision-makers; testify on results of completed studies; consult with and advise administrators, decision-makers, and other interested parties on a broad range of subject-matter areas; serve as a leadsperson; gain and maintain the confidence and cooperation of those contacted during the course of work.</p> <p><u>WORK ENVIRONMENT, PHYSICAL OR MENTAL ABILITIES:</u></p> <ul style="list-style-type: none"> • Proficiency with communication-related technologies, including personal computer applications, telecommunications equipment, Internet, voicemail, email, etc. • Ability to travel, including multi-day and/or overnight trips, to drive over 100 miles, and on occasion to work unusual hours. • A valid California issued Class C Driver's License is required. Position subject to DMV Pull Notification. • Ability to handle stressful situations, including working on a site of a major safety incident. • Ability to walk long distances over rough terrain in the field, climb stairs and in and out of underground structures, work in confined areas containing energized facilities, work at heights, work outside during abnormal or extreme weather conditions. • Strong and effective interpersonal skills, ability to work both alone and collaboratively, listen to others with an open mind, and treat everyone with courtesy and respect. • Ability to show initiative, take responsibility, exercise independence and good judgment, be adaptable to change, pay attention to details and process information quickly, work well under pressure and with minimal oversight, and complete tasks timely and, if needed, on short notice. • Possession of a valid California Professional Engineer License is required.
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE	
SUPERVISOR'S NAME (Print) Banu Acimis	SUPERVISOR'S SIGNATURE DATE
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT	
The statements contained in this duty statement reflect general details as necessary to describe the principal functions of this job. It should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned, including work in other functional areas to cover absence of relief, to equalize peak work periods or otherwise balance the workload.	

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EMPLOYEE'S NAME (Print)	EMPLOYEE'S SIGNATURE	DATE