

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Senior Control Engineer (Specialist)		DWR POSITION NUMBER 2032-3652-005	SAP POSITION NUMBER 50101279	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION O&M/ADM-SAFM/AMB/AMS/Plant Asset Planning	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: ☐ Supervisory Related BU: ☐ Confidential Related BU: ☒ Rank and File BU: R09				
RESPONSIBILITIES EXERCISED ☐ Supervisory ☒ Lead Person		IMMEDIATE SUPERVISOR (Print) David Rennie	SUPERVISOR'S CLASSIFICATION Principal Engineer, Water Resources	
APPROVED BY (Personnel Analyst's Name) Kimberly Balbuena			DATE 7/21/26	
<i>Percent of Time</i>	<i>Activity</i>			
25%	POSITION SUMMARY Under the general direction of the Plant Asset Planning Lead, the incumbent acts as a Plant Asset Planning Specialist (Electrical), coordinating projects and tasks related to the managing the portfolio of State Water Project (SWP) hydroelectric generating, pump-generating, and pumping plants to support implementation of the Division of Operations and Maintenance (O&M) Asset Management Program and project management for related O&M projects. ESSENTIAL FUNCTIONS This position requires that the incumbent work cooperatively with people at all levels within the organization; maintain regular, consistent, predictable attendance, and exercise good judgment. The incumbent will act as the departmental nonsupervisory specialist for the program implementation to identify, gather and coordinate the required resources for the activities to meet the strategic goals and objectives for managing the SWP facilities. Provide direction to achieve balanced implementation, as well as integration of, and continuous improvement in, all program elements; track the progress of all program projects and activities, and assess overall achievement of the goals and objectives of the program. The essential duties include, but are not limited to: As a Plant Asset Electrical Planning Specialist and project coordinator for the O&M Asset Management System plan, organize, lead, control, and participate in work groups, workshops, and tasks to assess O&M's existing asset management practices, develop and implement of new asset management programs, practices, tools, policies, and procedures. The incumbent will be one of the division's Subject Matter Experts for the portfolio of large electrical and mechanical equipment associated with the SWP generating and pumping plants, asset management systems in compliance with ISO 55000, and the International Infrastructure Management Manual. Assess and develop new asset management tools, policies, and practices to improve SWP infrastructure reliability, condition assessment, infrastructure risk management, strategic asset management, and capital investment and resource planning with a specific focus on the SWP plant portfolio. Report task/workgroup progress and issues to the Project Manager and executive management. Analyze regulatory requirements, advise management on the formulation of program policies to meet the			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) David Rennie		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.				
EMPLOYEE'S NAME (Print) Vacant		EMPLOYEE'S SIGNATURE ➤		DATE

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Vacant		TBD	O&M/ADM-SAFM/AMB/AMS/Plant Asset Planning		
Percent of Time	Activity				
20%	SWP strategic goals, comply with regulations, identify opportunities for program improvement through the development of new metrics, tools, resources, and risk management strategies.				
20%	Provide guidance in the development, testing, and implementation new asset management strategies, risk tools, risk-informed decision-making processes, and Specialized O&M Project prioritization processes as part of the O&M Asset Management System implementation with specific focus on the SWP plant portfolio. Lead the development and evaluation of business cases for electrical and/or mechanical projects related to ongoing maintenance, repairs, refurbishment, and replacement of the existing SWP pumping and generating equipment and facilities managed by the division.				
20%	Lead and support the implementation of Asset Management Plans by assisting action item owners, supporting improvements to the condition assessment process, and tracking, monitoring, and reporting of dashboards. Assist in the continuous improvement of plant asset data quality by supporting the management of data related to condition, risk, hierarchy, inventory, and any other data stored in SAP, GIS, and asset management dashboards.				
10%	Review and prepare contract documents such as contract and task order scopes of work, selection criteria, and detailed budgets to support the O&M Asset Management Program; coordinate and conduct interviews of prospective consultants; evaluate bid packages to determine most qualified consultants; and negotiate contracts with consultants. Serve as task order manager for the awarded contracts. Implement the tasks associated with contract management including, but not limited to, working with all levels within the various DWR and external engineering.				
10%	Lead or participate in programs and projects involving SWP water supply, electric utility activities, risk management, strategic asset management and resource planning, and report to the O&M Asset Management Steering Committee and executive management. Analyze regulatory requirements, advise management on the formulation of program policy to the SWP goals and comply with regulations, identify opportunities for improvement, and identify new tools, resources, and risk management strategies with emphasis on the SWP plant portfolio.				
10%	Assist in the continuous improvement of O&M's Asset Management System by developing and evaluating policies and procedures, documenting lessons learned, and coordinating management reviews. Provide training to interested parties and program participants in order to increase staff competency in asset management activities. Lead internal audits and maintain technical standards and specifications.				
5%	Plan and manage electric utility projects that support the SWP operations and maintenance. In collaboration with the O&M Program Managers, develop the project descriptions, Project Initiation & Management documents, assess and identify the resource requirements, provide technical direction and assistance to project participants and monitor and control project progress. This will require driving a vehicle on public roadways or on uneven terrain; travel by airplane; or other forms of transportation to different areas or field locations with overnight stay or travel.				

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<i>Percent of Time</i>	<i>Activity</i>			
	KNOWLEDGE, SKILLS, AND ABILITIES Good verbal and written communication skills; good supervisory and leadership skills; ability to evaluate and direct technical engineering work relative to organizational mission; manage and resolve conflicts and urgent situations; act independently; and maintain a high level of professional technical expertise. Must be able to operate computers. Must have stamina and ability to climb stairs, ladders, and uneven steep slopes; to bend, stoop, and kneel; and to walk unassisted throughout SWP facilities. SPECIAL REQUIREMENTS Requires work outside of normal business hours. Travel by air and public roadways and staying overnight in various locations throughout the State of California is required. Employee is required to successfully complete all safety training related to the functions of the job. All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination. The Department of Water Resources is committed to its mission and employees, and we are grounded in our commitment to public safety. Regular, consistent, and predictable attendance is essential to the successful performance in this position. Under the provisions of the North American Electric Reliability Corporation Critical Infrastructure Protection Standard CIP-004 as part of the Energy Policy of 2005, this position has authorized cyber access to or unescorted physical access around critical cyber assets and is subject to a satisfactory background check prior to appointment and every seven years thereafter. OTHER REQUIREMENTS This position provides necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during Governor declared emergencies, flood, dam, SWP, and other incidents and emergencies. Additionally this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as Cal OES and FEMA in disaster work, including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department's Administrative Orders.			