

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Hydroelectric Plant Operator (SDS)		DWR POSITION NUMBER 9530-6463-186	SAP POSITION NUMBER 50002257	MCR 1
APPOINTEE VACANT		SAP PERSONNEL NO. TBD	DIVISION/SECTION O&M/Various Field Divisions/Operations	
COLLECTIVE BARGAINING IDENTIFIER				
<input type="checkbox"/> Management Related BU:	<input type="checkbox"/> Supervisory Related BU:	<input type="checkbox"/> Confidential Related BU:	<input checked="" type="checkbox"/> Rank and File BU: R12	
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) EUGENE GARRETT	SUPERVISOR'S CLASSIFICATION Chief HEP Operator	
APPROVED BY (Personnel Analyst's Name) Jennifer Greathouse			DATE 5-5-26	
<i>Percent of Time</i>	<i>Activity</i>			
	<p>POSITION SUMMARY: Under the direction of the Chief Hydroelectric Plant Operator and the guidance of the Senior Hydroelectric Plant Operator, the Hydroelectric Plant Operator is responsible for operation and control of aqueduct facilities and hydroelectric generating and pumping plants associated with State Water Project facilities.</p> <p>ESSENTIAL FUNCTIONS: This position requires that the incumbent work cooperatively with others, maintain regular, consistent, predictable attendance, and exercise good judgment. The incumbent will be required to work rotating shifts with varying days off and will be required to work overtime assignments. The incumbent must have thorough knowledge of the functional characteristics and locations of main and auxiliary equipment. Incorrect decisions or failure to take proper action when required may result in poor system performance, loss of revenue, cause danger to life, loss of property, and prestige to the Department. Must be able to use electronic devices such as a mobile tablet to gather data and capture documentation while performing preventative maintenance work on equipment throughout the state water project. Use mobile tablet to perform routine SAP functions such as time recording, reservations and work order notifications. The specific essential duties are:</p>			
40%	Operates pump-motor, turbine-generator units and associated auxiliary equipment, aqueduct facilities, reservoirs and turnout from plants, control centers and remote sites either directly or by use of remote control systems; and monitors or operates digital process control system for optimal individual plant or system wide operation. Performs high and low voltage switching. Incumbent may work alone in plants and Area Control Center and areas away from frequently traveled roadways.			
30%	Keeps log records of operations and readings; implements power, water, and pumping schedules and makes power and water calculations as required; prepares and places clearances, verifies protection, and issues clearances; is familiar with standing operating orders, Emergency Action Plan, and operating safety procedures in order to take prompt and appropriate action to meet any			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) EUGENE GARRETT		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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15%	<p>plant or division operating emergency. Maintain communications with the Area Control Center and POC in an emergency or on request.</p> <p>Maintains an assigned cleaning station. Carries out specific duties or miscellaneous assignments as directed by the Senior Hydroelectric Plant Operator such as directly assisting or controlling Division-wide operation, inspection of semi-attended plants or aqueduct and reservoir facilities, monitoring, implementation and adjusting flood releases.</p>		
10%	<p>May be required to perform minor maintenance in assisting Plant Maintenance including, but not limited to, transferring, centrifuging/filtering of lubricating, hydraulic and insulating oil, adjustment of main unit auxiliary devices, installation and removal of stop logs, operating bridge and gantry cranes, relamping, and replacement of low voltage control fuses. Assist in training Apprentices in the manual and remote operations of plants and facilities. Participates in training, as needed, to support the State Water Project (SWP) in assuring the reliability and security of Department of Water Resources (DWR) assets connected to the Bulk Electric System (BES). This would include being familiar with reliability-related tasks in the areas of transmission operations, emergency preparedness and operations, system operations, protection and control, and complying with the requirements set forth by North American Electric Reliability Corporation (NERC) and Western Area Coordinating Council (WECC).</p>		
5%	<p>May perform tasks in SAP such as time reports, program reports, requisitioning, work order notifications and other SAP functions.</p> <p>SPECIAL REQUIREMENTS: 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.</p> <p>Ability to open/close tight valves; operate/move rack in breakers; ascend/descend stairs; open stuck valves; move breakers into cubicles; have the mobility and stamina to climb ladders and stairs and on to large open valves; ability to move a minimum of 50 lbs; open/close tight valves with approximately 50 lbs torque; switch and turn valves in an emergency. Must possess normal or corrected hearing and vision, identify color correctly, and possess a good sense of smell. Be able to enter/exit confined spaces through small openings such as manholes. Must have stamina and ability to sit at a desk and/or computer for extended periods of time; and able to operate computers.</p> <p>Required to attend the Division's OP-2 class and be certified as a worker and/or switch person, in compliance with State Water Project regulations. Incumbent will be required to work rotating shifts with varying days off and will be required to work overtime.</p> <p>This is a sensitive position and is subject to substance abuse testing set forth in California Department of Human Resources (CalHR) Regulations 599.960-599.966.</p>		

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	<p>Must possess a valid California Driver License to travel from plant to plant and within the State Water Project, driving a vehicle on public roadways will be required.</p> <p>Employee is required to successfully complete all safety training related to the functions of the job.</p> <p>Under the provision 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.</p> <p>This position is not eligible for telework.</p> <p>OTHER RESPONSIBILITIES: 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 CalOES 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.</p>		