

Kings River Conservation District

OPERATION AND MAINTENANCE SUPERVISOR, HYDRO

Balanced water supply

Effective, efficient flood protection

Reliable power supply

Balanced environmental actions

KRCD is a leading resource management agency serving agriculture, business, and residential communities within 1.2 million acres spanning portions of Fresno, Kings and Tulare counties.



Reliable resources for the Valley

ABOUT KRCD

KINGS RIVER CONSERVATION DISTRICT

KRCD is a collaborative resource management agency serving agriculture, business, and residential communities within 1.2 million acres spanning portions of Fresno, Kings and Tulare counties.

With office headquarters in the heart of California's Central Valley, KRCD is a catalyst for tangible solutions in the Valley's adapting landscape. KRCD's knowledgeable, experienced, and reliable personnel assist with a broad range of resource-related programs. With responsibilities in flood control, hydroelectric power generation, improved water management and efficiency, environmental oversight, and groundwater management, KRCD's activities are diverse.

KRCD has been involved in water resource management since its inception in 1951. We take seriously our role for the Kings River region - preserving the natural beauty, habitat, and quality of life for future generations to enjoy. We promote efficient water use, collect valuable public data on groundwater conditions and land subsidence, and maintain river channels and levees for flood control purposes. And in an era with increasing need to carefully steward water resources for long-term viability of the region's economy and wellbeing, KRCD is involved in local water program implementation.

A trusted agency at the State and local level among cooperating agencies and diverse constituents, we work to coalesce regional leaders to break through the noise of confusing legislative burdens and bureaucracies, and act as the go-between for people directly impacted by policy decisions.

Beyond water resources, KRCD is dedicated to improving the reliability and stability of the electrical system in the central San Joaquin Valley. We own and operate the Jeff L. Taylor Pine Flat Power Plant, providing clean and renewable hydroelectric energy to the grid.

Understanding the need for balanced resources management, KRCD has over many years conducted numerous fishery and wildlife projects on the Kings River's banks and in the watershed. Environmental issues underscore resource management - that is why we commit dollars and staff to manage the Kings River Fisheries Management Program, a cooperative focused on enhancing the lower Kings River health and habitat.



O&M SUPERVISOR, HYDRO

DEFINITION

Under general direction of the Hydroelectric Power Plant Manager, plans, organizes, and directs all operations and maintenance work on hydroelectric turbine-generators and balance-of-plant equipment within the generating plant and associated transmission line.

SALARY RANGE: \$9,351 - \$12,533 per month

TIMEFRAME: Open Until Filled

DUTIES AND RESPONSIBILITIES

Essential duties and responsibilities include the following:

- Plan, direct, and supervise the work of plant electrical and mechanical staff as well as contractors engaged in the repair and maintenance of the hydroelectric turbine / generators, balance-of-plant equipment, and transmission line.
- Plan, direct, and supervise the operations staff engaged in operations. Plan, coordinate and supervise the upstream and downstream river management.
- Review and determine the quality of operation and maintenance of all plant equipment.
- Schedule and conduct periodic plant equipment inspections and determine degree and extent of required repair and maintenance and associated outage scheduling with regulatory agencies.
- Maintain records, prepare reports, and administer a safety program.
- Coordinate and direct all maintenance and repair programs at the facility.
- Make recommendations on economical and safe operation and maintenance policies and procedures.
- Implement general policy and procedural directives from District management.
- Other duties as assigned.

EMPLOYMENT STANDARDS

Knowledge of:

- Engineering principles as applied to electrical and mechanical maintenance of hydroelectric facilities.
- Maintenance procedures relating to generating, and auxiliary equipment within a hydroelectric plant and use of Computerized Maintenance Management Systems (CMMS).
- Operating characteristics of heavy rotating machinery and auxiliary equipment.
- Chemical properties of materials used in maintenance work.
- Functional characteristics of generating units and auxiliary machinery, busses, switches, control circuits, valves, spillways, metering, and water control devices.
- Regulatory standards applicable to power generating facility, i.e. NERC/WECC, CAISO, FERC, and CARB.



- Principles and techniques of supervision and personnel management.
- Knowledge of and previous working experience at hydroelectric facility will be given higher preference.

Ability to:

- Take effective action in the event of major equipment breakdown or other plant emergency
- Read and understand mechanical and electrical diagrams and work from plans and specifications
- Add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, decimals, trigonometry, and other mathematics normally required of this trade
- Interpret a variety of instructions furnished in written, oral, diagram, or schedule form
- Plan, organize, and direct the work of others
- Communicate effectively orally and in writing
- Analyze situations and take effective action
- Establish and maintain cooperative working relationships

EDUCATION AND EXPERIENCE

Any combination of education and experience that will provide the necessary knowledge and abilities will be considered acceptable.

A typical way to obtain the knowledge and abilities would be:

Education: Associate degree in a technical field is desirable

Experience: Ten years of progressively responsible experience in the operations and maintenance of a generating plant, preferably hydroelectric and three years of which shall have been in a supervisory capacity

Must maintain a valid vehicle operator’s license.

Exempt position: Executive exemption

APPLICATION AND SELECTION PROCEDURE

To be considered for this exceptional career opportunity, submit your resume, cover letter, and a list of work-related references. Final filing date is FRIDAY, DECEMBER 30, 2022. To be considered, please forward your materials to hrchief@krcd.org.

Attn: Human Resources
 Kings River Conservation District
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 Fresno, CA 93725
 E-mail: hrchief@krcd.org
 Website: www.krcd.org/jobopenings

