



Job Opening: Operator/Senior Operator

Pay Range: \$45.70 – \$62.72/hour DOQ

Definition

Under direction of facility management, operates and controls hydroelectric generating plant.

Duties and Responsibilities

Essential duties and responsibilities include the following:

- Operate pumps, generators, auxiliaries, switches, and valves from unit control panels, plant control room, or remotely from control center
- Start, synchronize, regulate, stop, and secure generators
- Monitor and operate controls for optimization of plant
- Open and close circuit breakers; disconnect and ground switches
- Prepare, issue, and execute intraplant clearances
- Make decisions regarding safe working conditions
- Ensure that irrigation demands are met as scheduled
- Maintain a station log; record and report on operations
- Calculate power and water flows as necessary to complete assigned schedules
- Coordinate with interconnecting facilities
- Assist the Senior Hydroelectric Plant Operator in all phases of plant and system operation
- Other duties as assigned

Employment Standards

Knowledge of:

- Fundamentals of electricity, hydraulics and hydrology
- Functional characteristics of generating units and auxiliary machinery, busses, switches, control circuits, valves, spillways, metering and water control devices

Ability to:

- Operate manual and automatic control systems
- Add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, decimals, trigonometry, and other mathematics normally required of the trade
- Interpret a variety of instructions furnished in written, oral, diagram, or schedule form
- Work rotating shifts
- Communicate effectively orally and in writing
- Analyze situations and take effective action
- Establish and maintain cooperative working relationships

Typical Physical Activities

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Regularly use hands to manipulate, handle, or feel objects, tools, or controls
- Reach with hands and arms
- Stand, walk, climb, or balance, and stoop, kneel, crouch, or crawl
- Frequently required to sit or stand for periods of time
- Regularly lift and/or move up to 10 pounds, frequently lift and/or move up to 25 pounds, and occasionally lift and/or move up to 50 pounds
- Hearing and vision within normal ranges
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, and depth perception
- May work in varying outside weather conditions
- Regularly exposed to high voltage and pressures and moving mechanical parts
- Occasionally works in high, precarious places
- Occasionally exposed to wet and/or humid conditions and vibration

The noise level in the work environment is usually moderate to loud.

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: Equivalent to completion of the twelfth grade

Experience: Completion of a recognized apprenticeship as a hydroelectric plant operator

or

Two years operation experience in one or a combination of the following: hydroelectric generating plants; large (at least 25,000 hp) pumping plants; high voltage switching and clearance in large (at least 100 MW) steam plants. Experience in substations or switching yards of at least 230 kV may be substituted for one year of the required experience.

Special Requirements: Must maintain a valid vehicle operator's license

This position is covered by the Memorandum of Understanding with Stationary Engineers, Local 39.

To Apply: Submit cover letter and resume to the Manager of Human Resources at hrchief@krcd.org or mail to 4886 E. Jensen Ave., Fresno CA 93725



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