

**South Feather Water & Power Agency
Oroville, California**



ELECTRICAL MACHINIST

Resumes and Application Forms
must be received by
April 28, 2017

Send to:
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RECRUITMENT PROFILE

The Position: Electrical Machinist

Under the direction of the Hydro Maintenance Foreman:

- As a journeyman, repairs, installs, and maintains all types of mechanical and electrical equipment in hydroelectric plants and related facilities;
- Performs a wide variety of skilled and semi-skilled manual and automated tasks, including operating machining tools, welding, and rigging; and,
- Provides training or assists in the training of apprentices.

Essential Job Duties

- Repairs, installs, and maintains mechanical and electrical equipment.
- Operates precision machining tools and equipment, including lathe, drill press, milling machine, and grinders.
- Performs welding and metal fabrication.
- Operates and maintains vehicles and equipment.
- Plans work assignments and directs other Agency employees as Lead Person (“Safety Man”), or while assuming the responsibilities of the Hydro Maintenance Foreman as assigned by the Power Division Manager in the Foreman’s absence.
- Training others in the operation of outlying facilities (including valves on dams and gates on intake structures), assisting in the training of Apprentice Electrical Machinists, and providing periodic safety meetings regarding electrical devices and their operation.
- Inspects, maintains, and operates water conveyance facilities, including cleaning “grizzlies”.

Opportunities

Hydro Maintenance Foreman John Davis and the Power Division Crew possess a vast amount of experience in the hydro-electric generation field and they place high emphasis on workplace safety at the Agency, while maintaining a relaxed and supportive work atmosphere. The successful candidate will be stepping into a position where he/she will always be challenged – and rarely bored – and will be involved in all aspects of maintenance of systems and equipment located at powerhouses and outlying stations including: generators, water turbines, governors, controls, instruments, hydraulics, pumps, motors, valves, actuators, piping, dam gates, gearboxes, bearings, mechanical linkages, and other apparatus.

The SFWPA South Feather Power Project (SFPP) was placed into service in 1962. The SFPP hydro-electric system comprises a water storage and conveyance system, and four powerhouses on the South Fork of the Feather River in Butte, Yuba and Plumas counties in Northern California. The total generating capacity of the four powerhouses is 120 megawatts. Woodleaf Powerhouse is a high-head facility employing an impulse turbine; Sly Creek, Forbestown and Kelly Ridge Powerhouses utilize reaction turbines.

The Candidate

Prerequisite Qualifications

- Possession of a High School Diploma, or the equivalency thereof.
- Completion of a recognized Apprenticeship Program for Hydroelectric Machinists.
- Possession of a valid California drivers license and satisfactory driving record.
- Performs welding and metal fabrication.

Abilities and Skills

- Ability to work independently, prioritize work, and make decisions regarding correct application and implementation of work procedures.
- Analyze problems in an organized, creative, and assertive manner; collect data, establish facts, and draw valid conclusions.
- Ability to work cooperatively with others in a team-oriented environment.
- Ability to quickly organize and communicate thoughts orally and in writing to achieve desired goals; and practice active listening.
- Effectively use computer-based tools, Microsoft Word and Excel software, Internet resources, and computational tools.

Qualifications and Experience that will be given preference

- Disassembly, repair, and rebuilding of hydro-electric generator turbines, runners, wicket gates, needle valves, turbine shutoff valves, and related hydraulic and mechanical equipment.
- Disassembly and reassembly of hydro-electric generator units, stators, fields, rotating exciters, and related electrical equipment.
- Diagnosis, disassembly, reassembly, calibration, and testing of electromechanical governor systems used with hydro-electric generators.

Basic Work Hours: 7:00 AM to 3:30 PM, Monday through Friday. The Power Division Crew currently works on a 9-80s schedule.

Compensation and Benefits

The 2017 wage rate for the position is \$49.82 to \$54.80 hourly. In addition, benefits are provided that include: health, dental, vision, long-term-disability, and life (\$30,000) insurance; vacation (up to 25 days, subject to length of employment), holidays (13), sick leave (96 hrs. annually, accumulating) and bereavement leave; education assistance; physical-fitness expense reimbursement; and PERS retirement (3% @ 60 for "classic" PERS members, 2% @ 62 for new PERS members under PEPRRA).

The Community

Oroville is located in the southeastern portion of Butte County along the eastern edge of the Sacramento Valley. It is the gateway to the Feather River Canyon and the Lake Oroville State Recreation Area. Lake Oroville offers fishing, house boating, swimming, picnicking, water skiing and jet skiing, as well as being a major supplier of the state's water. The area also provides excellent hunting, golf, mountain bike, equestrian, and hiking trails, with easy one-day excursions to world-class snow skiing and recreational opportunities in the Sierra Nevada Mountains.



Oroville's unique Mediterranean climate supports orange groves along with vineyards, olives, peaches, pears, plums, kiwis, and nuts. The historical roots of Oroville extend back to the Gold Rush days, with many of the historic buildings in the area reflecting that heritage.

Oroville is the county seat for Butte County with a population of over 220,000. The Oroville urban area encompasses 84 square miles and is home to approximately 50,000 people.

Butte County was rated second in the state for places to locate, listed as one of the top five places to retire by Kiplinger's Personal Finance Magazine, and cited for some of the best property buys by the San Francisco Chronicle.

South Feather Water and Power Agency

SFWPA (formerly called Oroville-Wyandotte Irrigation District – "OWID") was established in 1919 as an irrigation water purveyor. Today, with an elected five-member board of directors and 60 employees, it is an efficient, cost-effective and service-oriented water agency. SFWPA supplies water for domestic and agricultural uses, generates electricity, and provides recreational facilities for the public.

Today, the Agency has grown to provide water to 6,650 households, and maintains a service area of more than 49,300 acres and 141 miles of pipeline in its domestic water distribution system. In addition to providing a safe, treated water supply, SFWPA operates and maintains 100 miles of open ditches that deliver irrigation water to approximately 600 customers.



SFWPA has a pristine water source (South Fork of the Feather River) that supplies two water treatment plants, six reservoirs, nine dams, and four powerhouses. SFWPA's Miners Ranch Water Treatment Plant has been in operation since 1980, and was designed to treat 12 MGD. SFWPA is currently expanding and improving the Miners Ranch Water Treatment Plant to provide 21 MGD treatment capacity, and it will employ an innovative water treatment process.

SFWPA Provides:

- A reliable supply of quality drinking water;
- Irrigation water that meets the area's agricultural needs;
- Hydroelectric power which generates revenue for maintenance and operations;
- Long-range planning to meet the Oroville area's future growth needs; and,
- Public recreation facilities for camping, boating, and fishing at SFWPA's Sly Creek and Little Grass Valley Reservoirs.

SFWPA's Mission Statement

The mission of South Feather Water & Power Agency is both to deliver a dependable supply of safe quality drinking water to its domestic customers, and a dependable supply of water for agricultural users, in an economical, efficient and publicly responsible manner. SFWPA is also committed to providing its employees a safe work environment, and encouraging personal growth and attainment of goals.

Application Forms may also be downloaded at www.southfeather.com.

For Additional Information:

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