

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



**COMMUNICATION TECHNICIAN**

Resumes and Application Forms  
must be received by  
December 1, 2017

Send to:  
Dan Leon, Power Division Manager  
South Feather Water & Power Agency  
2310 Oro-Quincy Highway  
Oroville, California 95966

tel: (530)533-2421  
email: [dleon@southfeather.com](mailto:dleon@southfeather.com)

website: [www.southfeather.com](http://www.southfeather.com)

## **RECRUITMENT PROFILE**

### **The Position: Communication Technician**

#### **Under the direction of the Power Division Manager**

- As a journeyman, installs, operates and maintains data acquisition and control (SCADA), radio telemetry, microwave radio and mobile radio equipment;
- Performs a wide variety of skilled and semi-skilled manual and automated tasks.

#### **Essential Job Duties**

- Installs, repairs and maintains all communication equipment (telephone, microwave, repeaters, etc.), electronic control equipment, telemetry, mobile radio equipment and associated antennae. Climbs towers up to 200 feet in height.
- Operates manual and power hand tools (drills, saws, benders, etc.).
- Designs complicated electronic circuits.
- Operates meters and test equipment.
- Performs layout and planning of jobs for contractors and SFWP crews.
- Directs SFWP crews in the installation of towers, antennae and communication equipment.
- Provides training for other employees in the use of equipment or new techniques, including training operators in the use of the SCADA system.
- Operates various electronic equipment (radios, computers, meters, calculators, test equipment, etc.).

#### **Opportunities**

The Power Division Hydro Maintenance Foreman and Maintenance Crew possess a vast amount of knowledge and experience in the hydro-electric generation field. They all place high emphasis on workplace safety at the Agency, while maintaining a relaxed and supportive work atmosphere. The successful candidate will be entering into a position where he/she will always be challenged – and rarely bored – and will be involved in all aspects of maintenance of electronic systems and equipment located at powerhouses and outlying stations including: microwave communication equipment, radio telemetry, mobile voice radio, hydro-generator instrumentation, SCADA hardware/software, electronic control circuits, plant electrical equipment, 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

- High school diploma or the equivalency thereof.
- Completion of a recognized three-year apprenticeship program, or equivalent college courses or military training.
- Five years of experience in the maintenance and operation of communications and control equipment.
- FCC General Radio Operators License.
- Valid California drivers license and satisfactory driving record.

### 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.

### Tools and Equipment Used

Computer, calculator, manual and power hand tools, forklift, painting equipment, chain saw, test meters, small hand tools (soldering iron, wire wrap gun, small pliers, wire cutters, etc.), and safety belts and lanyards.

### Qualifications and Experience that will be given Preference

- Installation, configuration, and maintenance of SCADA and communication equipment utilized in the Power Generation industry, including:
  - Automatic generation controls and dispatch/scheduling systems,
  - Power generation SCADA equipment,
  - Computer servers and clients,
  - Firewalls, routers, and managed switches,
  - Optical fiber interfaces and cables.
- Installation, commissioning, and maintenance of microwave radio transceivers used in the following applications:
  - Datacom and telephone networks,
  - Power project SCADA networks,
  - Telemetry for powerhouses and water storage/conveyance.

- Working knowledge of programmable logic controllers, electronic controls, and hydraulic controls.
- Experience maintaining instrumentation used for the measurement of pressure, level, flow, temperature, vibration, and electrical quantities.

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

## Compensation and Benefits

The 2017 wage rate for the position is \$45.76 to \$62.70 hourly. In addition, employee benefits 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 PEPRA).

## 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](http://www.southfeather.com).

### **For Additional Information:**

Rath Moseley, General Manager  
*[rmoseley@southfeather.com](mailto:rmoseley@southfeather.com)*

Dan Leon, Power Division Manager  
*[dleon@southfeather.com](mailto:dleon@southfeather.com)*

John Davis, Hydro Maintenance Foreman  
*[jdavis@southfeather.com](mailto:jdavis@southfeather.com)*

# SOUTH FEATHER WATER AND POWER AGENCY

2310 Oro-Quincy Highway, Oroville, California 95966

tel: (530)533-2421

email: [dleon@southfeather.com](mailto:dleon@southfeather.com)

<b>EMPLOYMENT APPLICATION</b>	Position: <b>Communication Technician</b>	
<p>SFWPA has a policy of requiring a pre-employment medical exam, together with a pre-employment background check and drug screen of the successful candidate for this position. Those who do not receive said physician's certification of qualification to do the type of work specified in the Classification Specification for this position, or who test positive for the presence of illicit drugs in their body will not be employed. If you have reason to believe that you will not pass a physician's examination or will register positive on a drug screen, or if you are unwilling to consent to such a test or examination, it is recommended that you not submit an application.</p> <p>Authorization as required under the Health Insurance Portability and Accountability Act (HIPAA) for disclosure of protected health information will be a condition of employment or continued employment with the Agency to the fullest extent allowed by law. This is applicable to pre-employment physicals, drug testing, leave-of-absence requests, fitness-for-duty physicals, and any other lawful need for medical information. Refusal to authorize release of protected health information in any of the above instances will be grounds for discipline up to and including termination.</p> <p>SFWPA complies with the Civil Rights Act of 1964 which prohibits discrimination in employment because of race, color, sex or national origin. Qualified applicants will be considered for this position without regard to age, marital status, or the presence of a non-job related medical condition or handicap. The Age Discrimination in Employment Act of 1967 prohibits discrimination on the basis of age with respect to individuals who are at least 40 but less than 70 years of age.</p>		
<b>PERSONAL INFORMATION</b>	Social Security Number (optional):	Telephone number at which you can be reached during normal business hours:
Last Name                      First Name                      M.I.	E-Mail Address:	FAX Number (optional):
Mailing Address:		City:                      State:                      Zip:
Do you speak, read and write English?	Are you a citizen? If not, what is your authorization to be employed?	
Describe any job-related physical limitations or disabilities you may have. (Please read the job duties, environmental demands, and mental requirements contained in the attached Classification Specification for this position before answering.)		
<b>QUALIFICATIONS &amp; SKILLS</b>	When could you start work?	Do you have a valid Class C or better California driver's license?
List job-related professional certificates, registrations, and/or licenses that you hold:		
In an attached resume, provide pertinent information regarding your skills, knowledge and experience that relate to this position.		
<b>CURRENT &amp; PREVIOUS EMPLOYMENT</b>	In an attached resume, provide a summary of your employment history over at least the last ten years. Explain any gap in the employment history. For each position, include the employment dates; employer's address and phone number; the employer's business or occupation; and, your reason for leaving.	
<b>PERSONAL/PROFESSIONAL REFERENCES</b>	In an attached resume, provide the names of three individuals that may be contacted as professional references, and three individuals that may be contacted as personal references. In addition to the name, provide the individual's address, telephone number, occupation, and the number of years you have know this person.	
Signature: _____		Date: _____