

Radio & SCADA Technician

East River Electric Power Cooperative, Inc., a wholesale power supply cooperative in Madison, South Dakota, is seeking a Radio and SCADA Technician.

The person selected for this position will provide assistance in the installation, maintenance, operation, testing, and troubleshooting of two-way radios, data acquisition and control systems, and associated electromechanical subsystems. Will also maintain computerized databases, and inspection and maintenance records. Experience in 800 MHz trunked radio systems and 930 MHz multiple address radio systems would be beneficial. Tower climbing to heights of 500 feet will be required.

Must possess a vocational-technical school degree in telecommunications or electronics which included training in computer software applications. Experience equivalent to education may be considered.

To review the complete advertisement and job description, and to obtain application information, go to www.eastriver.coop. Applications will be accepted until October 1, 2010. EOE

EAST RIVER ELECTRIC POWER COOPERATIVE, INC.
(605) 256-4536 or hr@eastriver.coop



A Touchstone Energy® Cooperative 

The Touchstone Energy logo consists of a stylized human figure in blue, with two arms raised, flanked by two curved lines in red and yellow, all set against a green base.

EAST RIVER ELECTRIC POWER COOPERATIVE, INC.
POSITION DESCRIPTION

Position Title: Apprentice Radio and SCADA Technician
Reports To: Radio and SCADA Foreman
Directly Supervises: 0
Division: Operations
Department: Telecommunications and Control
Grade Classification: 00
Survey Group: Trades and Crafts

Position Purpose: To assist in the installation, operation, and maintenance of radio equipment, Supervisory Control and Data Acquisition (SCADA), Remote Terminal Unit (RTU), and associated equipment.

Responsibilities and Duties:

1. Installation, modifications to, and maintenance of radio equipment, Supervisory Control and Data Acquisition Remote Terminal Units, and standby power systems.
 - 800 MHz radios and associated systems
 - Data acquisition and control radios and associated systems
 - Antenna systems
 - Remote terminal units and associated control circuits and power supplies
 - Standby generators and transfer panels
 - a. Provide installation, modifications to, and periodic maintenance of radios, SCADA RTU's, standby generators, and related devices.
 - b. Keep the foreman advised when unavailable for duty and advise where he/she can be reached in the event of an emergency during and after working hours.
 - c. Aid the dispatcher in accessing the impact of failed control and radio equipment and provide emergency maintenance of SCADA and 800 MHz radios, SCADA RTU's, standby generators, and associated systems when requested by Dispatch and as dictated by department practice.
 - d. Follow department practice in completing maintenance records, updating documentation.
 - e. Assist the foreman in the maintenance of spare parts and materials inventory records advising him of any parts used or requiring repair.
2. General responsibility for the day-to-day activities as an employee of the Cooperative and member of the Telecommunications and Control Department.
 - a. Become familiar with related areas of responsibility and duties within the department, in order to efficiently assist others within the department, when required.

- b. Assist in keeping the Cooperative's property neat and in good general condition.
- c. Is responsible for Cooperative vehicles used, including seeing that they are serviced regularly, reporting needed repairs and seeing that tools and test equipment and assorted materials necessary to perform required maintenance and repairs in the field are on the vehicle.
- d. Is familiar with the identification and use of tools and other equipment and is responsible for care and maintenance of these items.
- e. Operate the two-way radios of the Cooperative when necessary, keeping informed as to proper operating procedures and policies.
- f. Utilizes computer-based software to maintain documentation and records according to department practice.
- g. Perform all work in accordance with established safety rules and in the safest, most efficient manner possible.
- h. Report all accidents involving self, assigned equipment or vehicles and all accidents resulting in bodily injury and/or property damage to the assigned supervisor.
- i. Perform CPR and other emergency first aid procedures when necessary.
- j. Assume responsibility for and conducts activities upholding the Cooperative's image in all contacts with member systems and the general public.
- k. The performance of other duties and responsibilities as assigned.

<u>Licenses and Certificates:</u>	Valid Drivers License General Class FCC License or equivalent certification DOT Medical Certificate
<u>Uniform:</u>	Yes
<u>Residency Requirement:</u>	As defined in Management Procedure I-1, "Employment Practices".
<u>Tools:</u>	As defined in the "Employee Personal Tool Requirements" Management Procedure.
<u>Minimum Qualifications:</u>	Graduation from High School or completion of G.E.D., 2 year certificate from Vocational-Technical School in electronics or communications or five years' experience in electronics maintenance. Experience with personal computers and Microsoft Office products is required.
<u>Physical Qualifications:</u>	Works in climate controlled remote equipment buildings, occasionally requiring great physical exertion to access while carrying equipment. Occasionally works outdoors with great physical exertion, occasionally in poor weather conditions. Requires communication by two-way radio and telephone.

Activities include frequent use of hand-eye coordination to operate electronic test equipment, power, and hand tools.

Frequently lifts and carries material weighing up to 50 pounds. Occasionally lifts items that weigh up to 100 pounds. Reaches, pushes, and pulls up to 50 pounds.

Climbs, bends, and stoops installing equipment and cable. Works on ladders and on uneven terrain. Uses visual inspection to verify proper color convention, often involving small components.

Occasionally performs work on communications towers at heights up to 500 feet for periods of time up to four hours, often working in awkward positions.

Occasionally shovels dirt and works around noisy equipment, dirt, dust, and fumes. Occasionally operates heavy equipment producing vibration. Occasionally works in trenches, manholes, and other confined spaces.

This position requires finger dexterity, and effective communication and interaction skills, including speaking, hearing and vision capabilities.

Frequent travel and overnight stays will be required, including extended periods of time driving. May be required to work at night, on weekends, and holidays to repair communications equipment.

Accepted by: _____
(Employee)

Date: _____

Approved by: _____
(Immediate Supervisor)

Date: _____