TVIfiber

POSITION: Network Engineer

REPORTS TO: Director of IT

JOB TYPE: Full Time

ABOUT US:

Tallahatchie Valley Electric Power Association is celebrating more than 80 years of providing electric service to almost 28,000 homes, farms, businesses, and industries in nine north Mississippi counties. TVEPA brought electricity to rural Mississippi 80 years ago, and is now making history in becoming the first electric cooperative in the state to form a subsidiary (TVI-fiber), to provide high speed internet services by offering fiber to the home at gigabit speeds. TVI-fiber has been established to provide fiber to every member that desires services, including residential and business users.

JOB DESCRIPTION:

The Network Engineer's role is to ensure the stability and integrity of the fiber optic network. This is achieved by planning, designing, and developing the overall fiber network, from the central office to the end-use devices. The Network Engineer will participate in the installation, monitoring, maintenance, Tier 2 and 3 support, and optimization of all network hardware and software. This individual will be required to analyze and resolve network hardware and software problems in a timely and accurate manner. Customer service interactions and assistance will be required from time to time.

RESPONSIBILITIES:

- Installation, configuration, and maintenance of broadband equipment, including but not limited to the following: ADTRAN Access platforms, Juniper routers, Cisco switches and Dell servers
- Troubleshooting, repair network, and system failures
- Create and maintain documentation in relation to network configuration, mapping, processes, and service records
- Conduct research on network products, services, protocols, and standards to remain up to date on developments in the networking industry
- Evaluate network performance, identify bottlenecks, and find ways of improvement, to ensure long-term efficiency of the network
- Develop, implement and maintain policies, procedures, and associated training plans for network administration, usage, system backup, and disaster recovery
- Implement and perform server and security audits

REQUIREMENTS:

- Knowledge of Fiber-to-the-Home solutions and architecture
- Thorough understanding of outside plant fiber access networks
- Hands-on experience with common IT hardware and software
- Knowledge of various cable and connector types, including but not limited to the following: CAT 5e/6, Fiber Patch Cables, and Console Cables
- Good communication and customer service skills

EDUCATION:

- Relevant industry certifications, such as CCNA
- 2-4 years of experience in working with TCP/IP or GPON Networks
- Bachelor's degree in a related field, or equivalent experience

Equal Opportunity Employer/Protected Veterans/Individuals with Disabilities