POSITION SPECIFICATION

**POSITION TITLE:** Distribution and Protection Engineer

**DIRECT REPORTS:** None

**LOCATION:** Indianapolis, IN

Wabash Valley Power Association (WVPA) is a not-for-profit electric cooperative and wholesale provider of electricity to our owner-members. Headquartered in Indianapolis, Indiana, we were created out of the need for reliable, affordable electricity in America’s heartland. Our members are 23 electric distribution cooperatives (which makes us a co-op of co-ops), and their members include over 300,000 homes, businesses and farms in Indiana, Illinois and Missouri. As a not-for-profit co-op, our members are our owners, so we aren’t influenced by shareholders and old practices. We are guided by the seven cooperative principles that govern all co-ops and values that are important to us, like teamwork and putting family first. We are a Deliberately Different kind of power provider—built for stability and growth and focused on the future. And that’s good news for the people and businesses who depend on us.

Not only has WVPA grown to serve the wholesale power needs of local distribution cooperatives in a three-state area, we are founding members of Touchstone Energy®, the National Renewables Cooperative Association (NRCO), and ACES, one of the nation’s largest electricity traders. But we’re not finished setting the pace, in fact, we are just getting started. And that’s why we need bright, hard-working people who share our commitment to our members and to shaping the future. To learn more about us, visit wvpa.com.

**RESPONSIBILITIES:**

This position provides transmission and distribution related engineering services required by WVPA and its Member Cooperatives, ensures proper coordination of protection systems owned by WVPA, Member Cooperatives, and interconnected Transmission Owners, develops and maintains a Protection System Program for WVPA-owned facilities, and supports corporate efforts to ensure ongoing compliance with NERC/Regional Reliability Organization Reliability Standards, Guidelines, and Criteria.

The Distribution and Protection Engineer will be responsible for:

- Designs and/or supervises the design of distribution facilities including preparing specifications, the bidding and selection processes, and construction management.
- Provides engineering services for Member Cooperatives on various distribution matters including borrowers environmental reports, distribution studies, coordination studies, power quality studies, general distribution planning, AutoCAD services, specifications and compliance, equipment specification and purchase, cogeneration/small power production, cost estimating, budget preparation, permitting, public hearings, landscaping, relay and control design and protection.
- Design, install, test, and maintain WVPA-owned transmission/distribution protection systems.
- Collaborate with WVPA and Member Cooperative personnel, interconnected transmission owners, and reliability organizations in the specification, coordination, installation, maintenance, testing, and operational analyses of protection system equipment.
- Maintain accurate records of configurations, settings, testing, and maintenance performed on protection system equipment.
Position Specification
Distribution and Protection Engineer

- Plan, schedule, and oversee all required protection system testing and maintenance as needed to comply with all applicable NERC Reliability Standards/Criteria, Technical Reference Documents, Guidelines, and other regulatory requirements.
- Maintain sufficient records to ensure that WVPA efforts meet said compliance requirements. Analyzes protection system operations and misoperations, ensuring that corrective actions are completed when necessary.
- Determines the need for and ensures the provision of Distribution facilities sufficient to satisfy Wabash Valley Power Policies, Power Supply Agreements, and Transmission Agreements. Procures land and easements for Wabash Valley’s Distribution construction projects, and assists the general counsel in the completion and recording of the documentation required for said easements.
- Provides support to the Manager of Delivery Services on matters involving delivery point requirements and any associated Distribution facilities including an engineering review of current and any future Wabash Valley Transmission & Distribution Agreements with power suppliers, transmission owners, and distributed generation project owners.
- May be required to perform other duties as assigned.

KEY COMPETENCIES:

- **Strong project management ability:** Able to develop and implement plans that are effective in attaining established goals; garners resources and defines processes to complete projects; manages progress and implements mid-stream changes, as needed.

- **Excellent communication skills:** Able to clearly present information through the spoken or written word; reads and interprets complex information; conveys information effectively; listens well.

- **Negotiation and persuasion ability:** Able to convince others in both positive and negative circumstances; uses tact when expressing ideas or opinions; presents new ideas to authority figures; responds to objections successfully.

- **Excellent analytical skills:** Able to gather relevant data using appropriate methodologies and analyze that data in such a manner that valid conclusions and insinuations can be drawn that assist in making important business decisions.

EDUCATION AND EXPERIENCE:

- Bachelor’s degree in Engineering, with background in transmission and/or generation protection system design and maintenance.
- Minimum ten (10) years of experience in industry, electrical engineering; utility experience required.
- Practical substation, transmission and distribution (12 kV) experience required.
- Professional Engineer certification required.
- AutoCAD experience required.

CULTURE AND BENEFITS:

At Wabash Valley Power we have diverse employment opportunities such as information technology, accounting, marketing, engineering and operations. Our company is big enough to provide training and professional development to further your career goals, yet small enough that you can maintain a personal connection with fellow employees. Employees are our most valuable assets, so we put employees first by offering an excellent benefits package, wellness benefits, and we throw in some fun activities along the way. Learn about us and the rest of our values when you apply online at wvpa.com.

Interested candidates can apply online at [https://wvpa.hirecentric.com/jobsearch/](https://wvpa.hirecentric.com/jobsearch/)