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| **Job Posting #:** | 57FB10022025 | **Posting Type:** | External |
| **Job Title:** | Relay Engineer/Technician III/IV | **Grade/Classification:** | 107 – 108 & Non- Exempt<br>Hiring Range: noted below |
| **Department:** | Relay | **Location:** | Fredericksburg, VA |

**Job Description**

**OVERVIEW**

This role is responsible for the programming, maintenance, testing, troubleshooting, and installation of protection control devices within the REC territory. This includes the Cooperative's transmission, substation, and distribution assets. This work requires an understanding of power systems, transformers, protective relaying, and electrical engineering principles.

The role will be filled at the appropriate level—Relay Technician III/IV or Relay Engineer III/IV—based on the candidate's education, certifications, and relevant experience.

**ROLE AND RESPONSIBILITIES**

- Perform maintenance including routine cleaning, calibration, and functional operational testing of all electro-mechanical and microprocessor protection relays within the Cooperative's System.
- Ensure that all appropriate compliance maintenance activities and associated documentation are managed and maintained.
- Analyze alarms and troubleshoot problems to allow corrective maintenance to be performed safely.
- Perform protective relay and control circuit troubleshooting and repairs as needed.
- Coordinate with Engineering Planning to determine relay settings and develop programming accordingly.
- Other duties assigned.

**QUALIFICATIONS AND EDUCATION REQUIREMENTS**

This position may be filled at Relay Technician III, Relay Technician IV, Relay Engineer III, or Relay Engineer IV level based on the selected candidate's education, certifications, experience, and demonstrated competencies.

**Engineer III - $98,334 to $130,292 (hiring range)**

• Bachelor's degree in Electrical Engineering or Electrical Engineering Technology from an ABET-accredited program required. An equivalent combination of education and experience may be considered.

• Professional Engineer (PE) license preferred.

• Ten (10) to fifteen (15) years of experience in utility relay and protection systems.

• Knowledge of utility power system operations, substation and transmission protective relaying design, relay testing, and protective coordination is required.

• Experience in substation and transmission operations, construction, and project management is preferred.

**Engineer IV – 113,084 – 149,836 (hiring range)**

• In addition to the qualifications of Engineer III, candidates must possess fifteen (15) or more years of experience in utility relay and protection systems.

• Professional Engineer (PE) license preferred.

• Demonstrated expert knowledge of utility power system operations, substation and transmission protective relaying design, relay testing, and protective coordination.

**Technician III - $47.27 - $62.64 (hiring range)**

• Associate degree in Electrical Engineering Technology from an ABET-accredited program required. A bachelor's degree in Electrical Engineering or Electrical Engineering Technology is preferred.

• An equivalent combination of education and experience may be considered.

• Engineer-in-Training (EIT) certification or Professional Engineer (PE) license is a plus.

• Six (6) to twelve (12) years of experience in utility relay and protection systems.

• Knowledge of utility power system operations, substation and transmission protective relaying design, relay testing, and protective coordination is required.

• Experience in substation and transmission operations, construction, and project management is preferred.

**Technician IV -$55.16 - $72.03 (hiring range)**

• In addition to the qualifications of Technician III, candidates must possess twelve (12) or more years of experience in utility relay and protection systems.

• Demonstrated expert knowledge of utility power system operations, substation and transmission protective relaying design, relay testing, and protective coordination.

Candidates must possess knowledge of three-phase power systems, AC/DC protection and control schemes, and fault analysis. Must be or become familiar with the installation, maintenance, and operation of relays, protective equipment, control circuits, transformer controls, and related transmission, substation, and distribution equipment.

Must be able to read and interpret substation and control drawings and become proficient with relay testing software, relay protection schemes, relay logic, relay settings, coordination studies, and associated testing equipment.

Most work will be done at the Fredericksburg office with some at district offices or in the field under any weather conditions. Must travel to various locations throughout the system to complete many work assignments. Occasional travel for training will be required. In cases of outages or emergencies, work availability may be 24 hours a day, 7 days a week.

**HOW TO APPLY**

**Internal Applicants:** Interested parties should submit an internal application via the HR HUB

**Applicants:** Use our https://www.myrec.coop/careers to apply for the opportunity. Please indicate the Job Posting ID **#57FB10022025**

**Deadline: Open Until Filled**

*The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as a complete list of all responsibilities, duties, and skills required of personnel so classified.