



<b>Job Posting #:</b>	52FB10192022	<b>Posting Type:</b>	External
<b>Job Title:</b>	Electrical Engineer II	<b>Grade/Classification:</b>	Grade 13/ Exempt
<b>Department/Group:</b>	Distribution Engineering	<b>Location:</b>	Fredericksburg, VA

### Job Description

#### OVERVIEW

The Electrical Engineer II will assist the Staff Electrical Engineering Supervisor and Director of System Planning and Engineering Design in carrying out the various objectives of the Engineering Department and the Cooperative as a whole. This assistance includes the performance of engineering studies and generation of associated reports.

#### ROLE AND RESPONSIBILITIES

- Assist in planning and preparing the Cooperative's Construction Work Plan.
- Participate in the preparation of the Cooperative's Long-Range Plan which forecasts future plant needs 20 to 25 years into the future.
- Perform system protection and coordination studies for the Cooperative's distribution and transmission system.
- Plan and carry out assigned projects and participate in system planning.
- Assist the Director of Substation/Transmission Engineering & Technical Services in providing for the engineering of facilities required to meet the needs of the Cooperative for orderly system growth and any additions or modifications to the Cooperative electrical delivery systems.
- Manage the orderly transfer of planned facilities to the construction phase and/or operations phase for system improvements and/or system additions.

#### QUALIFICATIONS AND EDUCATION REQUIREMENTS

A four-year engineering degree or equivalent from an ABET accredited institution is required. An Engineer-In-Training Certificate (EIT) desired. A minimum of four (4) years of utility experience in distribution engineering as well as experience in motor start calculations, distribution system analysis, and system protection and coordination required.

Must be knowledgeable of general distribution engineering in the areas of system coordination, distribution system analysis, motor start calculations, power quality analysis, and Work Plan preparation. Familiarity with spreadsheets, database programs, and engineering programs is required. Must possess basic computer skills, to include a working knowledge of Microsoft Office products, including, but not limited to: Outlook, Excel, Word and PowerPoint as required by job responsibilities.

Must have good skills in the following areas: written and verbal communications, use of technology to include computers, tablets, and smart phones, ability to organize and schedule work, create and keep good records, and see work through to completion both as an individual but also as part of a team.

Must be able to complete detailed system protection and distribution analysis studies. Must be able to learn to use WindMil Distribution System Analysis Software, CYME-TCC Coordination Software, EasyPower Analysis Software, NISC Accounting and Business Solutions (ABS) Software, NISC Customer Information System (CIS) Software, NISC MapViewer Software, and other software as it becomes available and necessary. Must be able to learn and perform all other job requirements of the Job Description in a reasonable time. Perform other duties as assigned.

Most work will be performed at the Fredericksburg office with some at district offices or in the field under any weather conditions. Occasional travel for training and conferences will be required. Regular working hours are Monday through Friday, 8:00 am to 5:00 pm. In cases of outages or emergencies, work availability may be 24 hours a day, 7 days a week. This role follows a hybrid work structure that supports working remotely or from the office based on business needs.

#### HOW TO APPLY

**Internal Applicants:** Interested parties should submit an internal application via the HR HUB OR resume via [rechr@myrec.coop](mailto:rechr@myrec.coop).

**Applicants:** Resumes can be emailed to [rechr@myrec.coop](mailto:rechr@myrec.coop) or mailed to REC's Human Resources Department. Please indicate the Job Posting ID #52FB10192022

**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.