



Job Posting #:	18FB04212022	Posting Type:	External
Job Title:	Distribution Electrical Engineer I/II	Grade/Classification:	Exempt - Pay Commensurate with Experience
Department:	Distribution Engineering	Location:	Fredericksburg, VA

JOB DESCRIPTION

OVERVIEW

Distribution Electrical Engineer I/II will assist the Senior Engineers, Staff Electrical Engineering Supervisor, and/or the Director of System Planning and Engineering Design in carrying out the various duties of the Planning Engineering Department and 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 the preparation of the Cooperative's Load Forecast, Construction Work Plan and Long Range Plan.
- Follow system improvement projects to ensure that all required orders are issued for the timely completion of all necessary work such as circuit and equipment protection, coordination, installation and/or removal of special equipment, sectionalizing devices, environmental permits, engineering and outage database updates, and updates of GIS and substation one-line diagrams.
- Aid regional design and operational personnel on a daily basis, as well as during outages, on questions concerning coordination, load capacity, temporary changes of feed, recloser or regulator changes, or any other questions that arise.
- Provide assistance in performing circuit analysis and system protection, coordination and sectionalizing studies for the Cooperative's distribution and transmission systems using Milsoft WindMil, Cyme-TCC, and EasyPower software packages.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

A four-year engineering degree or equivalent from an ABET accredited institution required. An Engineer-In-Training Certificate (EIT) desired. Engineering course work or projects relating to utility scale power systems desirable. Experience in a power-related engineering field is preferred. Must have a good understanding of basic electrical engineering fundamentals. Knowledge of the operation of utility power systems is desirable.

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 follow work through to completion both as an individual but also as part of a team.

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 all weather conditions. There is the possibility for limited remote work. Candidate is expected to be available for emergencies and is subject to be on-call 24 hours a day. Extended work hours may be expected during major storms and major outages. Occasional travel for training and conferences will be required.

HOW TO APPLY:

Internal Applicants: Interested parties should submit an internal application (a resume may be attached to the completed application) to the Human Resources Department. Resumes should be emailed to rechr@myrec.coop

Applicants: Use our <https://www.myrec.coop/careers> to apply for the opportunity. Please indicate the Job Posting ID #18FB04212022

Deadline: Open until filed

*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.

