



Job Posting #:	22FB07212020	Posting Type:	External
Job Title:	Senior Utility Engineer	Grade/Classification:	15/Exempt
Department:	Engineering	Location:	Fredericksburg, VA

Job Description

OVERVIEW

To ensure the safe and reliable operation of Rappahannock Electric Cooperative's electrical distribution and transmission systems in the most economical method possible through prudent and orderly planning and analysis.

ROLE AND RESPONSIBILITIES

1. Responsible for the transmission and substation planning needs of the Cooperative,
2. Provide information, support, and review in planning for, preparing, and carrying out system improvements as required in the Cooperative's Construction Work Plan and Long Range Planning studies
3. Perform system modeling and analysis for the Cooperative's electrical system; recommend system improvements as required
4. Perform system protection and sectionalizing studies for the Cooperative's transmission system
5. Evaluate proposed generator interconnections; evaluate and recommend projects required to serve proposed new large loads
6. Interact with Power Suppliers to foster and maintain working relationships, to coordinate and cooperate in areas of system planning and growth, and to interchange information of mutual interest
7. Other duties as assigned.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

Must be knowledgeable of general distribution and/or transmission engineering in the areas of system coordination, system modeling and analysis, 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, Access, Word, and PowerPoint as required by job responsibilities.

A four-year electrical engineering degree or equivalent from an ABET accredited college or university required. A minimum of eight (8) years of utility experience in distribution and/or transmission planning engineering as well as experience in system modeling, analysis, protection, and coordination is required.

PREFERRED SKILLS

A Virginia Professional Engineering License (PE) desired. Knowledge in motor start calculations and generator interconnections is preferred.

HOW TO APPLY

RESUMES MAY BE FAXED TO 540-891-5990 or E-MAILED TO rechr@myrec.coop BY 5:00 PM EST ON SEPTEMBER 30, 2020. INCLUDE JOB POSTING #22FB07212020 IN SUBJECT LINE.