Southern Company

Southern Company Engineering Opportunities
Transmission Engineering Fulltime and Co-op

We are recruiting full-time engineers and co-ops for Transmission roles for various operating companies in various geographical areas of Georgia and Alabama.

JOB REQUIREMENTS:

- Bachelor's degree in Engineering in indicated discipline from an ABET accredited college or university
- Minimum GPA of 3.0 preferred
- Coursework in Power Systems is preferred for some positions
- US Citizen or Permanent Resident – sponsorships not available
- May require some extended work hours

KNOWLEDGE, SKILLS & ABILITIES:

- Proven Leadership Skills
- Good oral/written communication skills and ability to work effectively with varied individuals (craft personnel, support staff, supervisory staff, and management) is a must
- Strong organizational, administrative, time management, project management, facilitation and analytical skills are required
- Knowledge and experience with personal computers and the ability to learn numerous software applications quickly; AutoCAD drafting is a plus
- Self-motivation and demonstrated initiative is crucial for this position
- Ability to interface with vendors and contractors while representing the best interests of Southern Company

JOB RESPONSIBILITIES (Varies with position):

- Utilize computer business tools to develop and justify budgets, write work orders, order material, develop project schedules, and monitor equipment.
- Initiate, troubleshoot and review root cause analyses for system equipment failures
- Candidate must be able to adapt to changing work duties, be able to work with limited supervision, and must be able to perform successfully in an individual and team environment.
- At Southern Company, Our Values will guide us to make every decision, every day, in the right way: Safety First, Unquestionable Trust, Superior Performance and Total Commitment.
- Must demonstrate a commitment to Safety Excellence and promoting health and wellness.

WE ARE RECRUITING CANDIDATES FOR ALABAMA POWER, GEORGIA POWER, AND SOUTHERN COMPANY SERVICES IN THE FOLLOWING AREAS & LOCATIONS:

SCS TRANSMISSION

- **(FULLTIME) Transmission Line Design Engineer:** Apply engineering processes, design criteria, and software applications in the design and construction of high-voltage transmission lines (HVTL). The successful candidate, under direct supervision, will follow prescribed procedures to support estimate preparation, develop design options, and prepare construction specifications.
    - 1 Fulltime
    - Degrees – BS or higher, Civil Engineering, Mechanical Engineering, or Electrical Engineering
    - Work Location - Forest Park (South Metro Atlanta), Georgia

- **(CO-OP) Transmission Line Design Engineer:** Apply engineering processes, design criteria, and software applications in the design and construction of high-voltage transmission lines (HVTL). The successful candidate, under direct supervision, will follow prescribed procedures to support estimate preparation, develop design options, and prepare construction specifications.
    - 1 Co-op – Starts Fall 2019 with minimum of three alternating rotations
    - Degrees – Pursuing Civil Engineering, Mechanical Engineering, or Electrical Engineering
    - Work Location - Forest Park (South Metro Atlanta), Georgia
- **(FULLTIME) Organizational Performance Engineer/Analyst:** Support SCS Transmission Engineering in the development and reporting of consistent and meaningful operational performance metrics for Southern Company Transmission, as well as metrics development and data analytics within the industry. In addition, this position will maintain dashboards, reports, and update contractor status information for engineering departments. This individual will be a single point of contact for third-party vendors, contract administration efforts, labor rate documentation, and contractor management (i.e. creating trend reports, and forecasting) as applicable.
    - 1 Fulltime
    - Degrees - Engineering, Business, or Statistics (or equivalent) is preferred
    - Work location - Birmingham, AL
- **(FULLTIME) Substation Physical Design Engineer/Designer:** The Physical Design Engineer/Designer is responsible for producing accurate and timely substation design packages for the Physical Design team in the SCST Substation Engineering department. The Substation Physical Design group is responsible for engineering, design, and coordination of substation projects including development of physical layouts, designs, material specifications, and vendor qualification & approval. This position provides support for construction activities, for operational or maintenance problems, and serves as a resource in emergency restoration of failed equipment.
    - 2 Fulltime
    - Degrees - BS degree or higher in Engineering or Engineering Technology (Electrical, Mechanical, or Civil)
    - Work location - Birmingham, AL
- **(FULLTIME) Substation Control Design Engineer/Designer:** The Control Design Engineer/Designer position is focused on the design of protection and control systems for Southern Company's transmission and distribution substations. The engineer/designer will provide engineering drawings, specifications, and material requirements for capital improvement projects with emphasis on safety, quality, schedule and costs.
    - 1 Fulltime
    - Degrees - BS degree or higher in Engineering or Engineering Technology (Electrical or Mechatronics)
    - Location: Birmingham, AL or Atlanta, GA

GEORGIA POWER TRANSMISSION and ALABAMA POWER TRANSMISSION

- **(FULLTIME and CO-OP) Protection & Control Field Services Engineers** are responsible for the installation, reliability testing, operation, and commissioning of transmission/distribution substation protective relay & control systems, serial communications between electronic devices and for the substation equipment associated with these systems. Field work. Working outdoors in a local area 75% of the time.
    - Degrees – BS Electrical and Mechanical Engineering
    - 2 Fulltime positions in Georgia – Macon, GA, Albany, GA or Valdosta, GA
    - 1 Fulltime in Birmingham, AL
    - 1 Fulltime Transmission Maintenance Engineer in a location to be determined in Alabama
    - 2 COOP starting Spring 2020, Summer 2020 or Fall 2020 - Macon, GA, Albany, GA or Valdosta, GA (co-op requires 3 alternating semester rotations)

We offer a competitive compensation package and relocation.
Southern Company is an Equal Opportunity Employer (EOE) where an applicant's qualifications are considered without regard to race, color, religion, sex, national origin, age, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or any other basis prohibited by law.