

We are hiring at WE23

The Southern Company system consists of Alabama Power, Georgia Power, Mississippi Power, Southern Company Gas, Southern Nuclear, Southern Power, Southern LINC, Southern Telecom and PowerSecure. Southern Company and its subsidiaries strive to be the employer of choice by offering a stable work environment, a culture that values diversity, inclusion, and teamwork, and a competitive pay and benefits package.

Position Overviews

Power Delivery - Transmission and Distribution: Transmission engineers are responsible for designing, maintaining, and protecting our high voltage power grids including over 27,000 miles of transmission lines, 3,700 substations, and other related assets. While Distribution Engineers serve as the face of the company, working with customers to provide electrical service as well as designing, estimating, and constructing electrical distribution systems. Opportunities include both field and office work.

Gas - Engineering and Construction Operations: Engineers in our Natural Gas business manage various multi-faced projects to maintain, design, and construct natural gas infrastructure that serves our over 4 million natural gas utility customers. Internship opportunities are primarily office based and include data analysis, modeling, forecasting, trading support and are suited to those individuals with an interest and aptitude in business applications.

WORK LOCATIONS:

Various locations throughout Alabama, Georgia, Mississippi, Illinois, and Virginia

JOB REQUIREMENTS

- Bachelor's degree in Engineering in indicated discipline from an ABET accredited university
- Minimum GPA of 3.0 preferred (for student opportunities)
- Must be authorized to work in the US
- May be required to work extended work hours to aid in storm and/or outage restoration efforts
- Some roles require participation in the on-call trouble supervision rotation and must be available after business hours for local, out-of-town, and out-of-state trouble and storm restoration

We are recruiting candidates for the following areas

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INTERN AND CO-OP POSITIONS

[POWER DELIVERY - Transmission and Distribution](#) – various locations in Georgia and Mississippi

Majors: EE, ME, CE OR IE

Transmission Intern/Co-ops- Install, test, maintain, and troubleshoot relay protection schemes. Most of their time is spent in the field making sure the Transmission system performs as it is designed. This includes maintaining existing systems and leading construction projects to modernize protection schemes and substation equipment. They are also first responders to system abnormalities and play a key role in coordinating outage response.

Distribution Intern/Co-ops- Design, estimate, and construct electrical distribution systems to meet the electricity demands of new and existing customers. Responsibilities include producing accurate estimates and construction drawings, managing all aspects of projects, identifying system improvement projects, assist in distribution system planning for growth and reliability, handling customer inquiries, other. Storm restoration duties are also required.

[Power Delivery – Grid Investment](#) – various locations in Mississippi

Majors: All engineering disciplines (EE preferred)

This position is responsible for the design and management of distribution construction activities for capital projects, to include developing and implementing distribution plans focusing on reliability and grid investment. Responsibilities include grid investment progress reporting, resource planning for engineering and construction on capital grid investment projects, providing engineering (that could include reliability, planning, ground line treatment (GLT), cable replacement, conversions, streetscapes, overhead/underground conversions, DOT and storm hardening) and coordination of storm hardening projects.

Preferred Knowledge: understanding of basic engineering theories, principles, project management, construction management skills, practices of researching engineering and design issues, evaluating alternatives, making sound recommendations and preparing and presenting recommendations; a good understanding of electric utility and facility design standards, specifications and requirements for electrical projects and the ability to produce construction documents; ability to negotiate, multi-task, meet deadlines and facilitate meetings.

Skills Needed: excellent written and oral communication skills, strong interpersonal skills, strong technical writing skills preferred, ability to build and maintain strong, positive relationships, demonstrate initiative, personal ownership and accountability and the ability to learn different computer applications, as well as create dashboards and spreadsheets.

SOUTHERN COMPANY GAS

[Design Engineering Intern](#) – various locations in Georgia, Illinois and Virginia

Majors: ME, CE, IE

Provide support and assistance in the planning, design and development of projects for the gas distribution system. Will be assigned to help with projects during various phases. During the end of the internship, intern will manage an assigned project from start to finish.

- Assist and develop designs for project types in two or more of the following: Department of Transportation, Pressure improvement, Renewals, Relocations and New Business projects
- Become aware of codes and standards that apply to natural gas engineering. Codes include, CFR49 DOT 192, Construction Maintenance Manual and Operations Procedure Manual
- Works with lead engineer to serve as liaison and engineering resource on projects

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New Grad/Full-time Apply

[Project Engineer: Construction Operations Internship](#) – Atlanta, GA

Majors: ME, CE, IE, Construction Management

Assist project engineers, project coordinators and inspectors with daily tasks such as project scheduling, project reporting and construction inspection. The internship will be a mix of office and field time. Office time will be spent at Southern Company Gas's corporate headquarters in Atlanta, GA and field time will be spent in and around the Atlanta metropolitan area.

- Completion of a special project which will be assigned at the beginning of the internship and may include one of the following topics: Process Safety improvement related to field activities OR Data analytics related to field inspection data
- Review of field inspection tools with final recommendation

FULL-TIME POSITIONS

POWER DELIVERY

[Distribution System Operator](#) - Birmingham, AL

This position provides support to Distribution Operations, Customer Service Centers and Business Offices in the Birmingham Division area on a 24/7 basis. This position is responsible for the effective monitoring and operation of the company's electric distribution system. The successful candidate will be responsible for writing and executing switching, directing emergency power restoration efforts, coordinating switching and operations with Distribution, Transmission and Substation groups as necessary, monitoring and operating the distribution automation system (SCADA) and taking action as needed. Various system applications are used such as ADMS, CSS, ARMS, DARTS and Arcos.

Job Experience and Education

- Bachelor degree in Engineering (ABET accredited) OR the following job experience preferred
- Experience as an Operator in a control room environment or closely related experience strongly preferred
- Electric Utility Experience (Power Delivery Distribution / Transmission / Substation, Generation, or Operations)
- Military experience in Electrical Systems, Air Traffic Control, Navy Nuclear, Combat Control, Command Post, Tactical Air Control Party, Command & Control BM Ops, Space Systems, Electrician's Mate, and Operations Specialist a plus

Other Requirements

- Must pass EEI SO/PD II (System Operator/Power Dispatcher) test
- Must pass Southern Company Distribution Operating Procedure assessment and be added to the Distribution Official Switching and Clearance List within the first 6 months of employment
- Ability to work a combination of 8, 10, and 12 hour rotating shifts
- Will be required to work nights, weekends, holidays and be available for callout and holdover extra time
- Successful candidates will participate in an extensive training program, to include 4-5 months of classroom training and 4-6 months of on-the-job training

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[Distribution Engineer](#) – Birmingham, AL and various locations in Georgia

This position will be required to handle all day-to-day engineering work activities in an assigned area. Responsibilities include service design, estimating, and coordinating construction for multiple overhead and underground residential, new business and other construction projects. Candidate must provide superior customer service and be able to prepare and schedule construction of jobs to meet committed service dates. Candidate will write and execute switching orders to effectively maintain, operate, and assist in the distribution planning of the system for reliability. In addition, the candidate will be responsible for processing all documentation in accordance with Compliance requirements. Other duties will include handling customer inquiries (voltage complaints, claims, etc.) and assisting with Distribution compliance and asset management programs. Candidate will also participate in the on-call trouble supervision rotation and must be available after business hours for local, out-of-town, and out-of-state trouble and storm restoration.

Job Experience and Education

- Bachelor's degree in Engineering, Engineering Technology, Math or Science OR
- Professional Engineer's License (PE) in lieu of the above bachelor's degree
- Knowledge of electrical system operations, distribution systems, underground and overhead construction practices. Prior experience in writing and executing switching orders preferred
- Working knowledge of ARMS, JETS/JETS Scheduling, Designer/GIS, CSS, Socket, DistView, TCMS Web, NJUNS, EDEN, and DisIntel preferred
- Working knowledge of NESC
- Must have valid driver's license

[Protection & Control Field Services Engineer / Technician](#) – Birmingham, AL and various locations in Georgia

This posting is for Protection & Control Field Services Engineer & Technician positions based in the Transmission Maintenance Centers. These positions will be filled as Non-Exempt positions in the Protection & Control Field Services Engineer/Technician family, with the pay and level commensurate with the qualifications, education, and experience of the successful candidate. This posting is for several vacancies at multiple locations in Georgia including Conyers and Union City.

The successful candidates will be responsible for the Protection & Control (P&C) Field Services activities in their respective area. Safety and Quality are paramount in this position. The successful candidate will be expected to learn and apply switching procedures and safety measures. The candidate will be expected to plan and complete projects safely, efficiently, on schedule, and without service interruptions.

Job Experience and Education

- 4-year Bachelor degree in Engineering, Engineering Technology or Professional Engineering License
- 2-year technical degree in electrical maintenance or Equivalent applicable experience
- P&C Field Services experience
- Electric power utility transmission construction, maintenance, or operations experience
- Related substation experience (P&C Applications, Design, Construction, Major Equipment, Project Management)

Other Requirements

- Must possess a valid driver's license.
- Successful candidates shall participate in callout rotation and be available to respond to outages or other abnormal conditions outside of their normal work schedule.
- Overnight travel is sometimes required.

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[Power System Coordinator Position](#) - Multiple Positions—Atlanta Area

Our team will develop you for excellence in Power System Operations and prepare you for a highly successful career! Successful candidates enter a challenging training program culminating in NERC Certification and shift readiness to serve as a Power System Coordinator (PSC). As a PSC, you will provide Safe and Reliable operation of the expansive Georgia Integrated Transmission System (ITS), serving one of the fastest growing economies in the United States.

Job Qualifications

- Leadership in fostering an inclusive environment and building trusting relationships
- Personal commitment to Safety Excellence
- Excellent communicator and listener
- Team oriented. Enjoys working closely with team members. Strong customer focus.
- Enjoys developing others through On-The-Job Training and/or formal training
- Strong problem-solving and decision-making under time pressure. Self-directed.
- Ability to learn and apply complex Power System monitoring and control software applications
- Ability to perform calmly during high-volume activities and system emergencies
- Quality focused. Strong attention to detail
- Successful candidates will enter a structured, six-month training program to develop the knowledge and skills required to assume shift operations.
- Formal training will also be provided to prepare for NERC Transmission Operator Certification, which is a requirement for employment.

SOUTHERN COMPANY GAS

[EDGE Data Analyst](#) – Atlanta, GA

The Data Analyst is responsible for the Logical Data Models and solution design activities of the Decision Support and Governance plan and ongoing participation in the platform development and testing activities. The Data Analyst will develop an understanding of current data state, workflows and processes and develop solutions for integrations, transformations, and deliverables. This will include data analysis, data mining, technical support, and database maintenance to meet internal and external customers' requirements. This role requires demonstrated ability to solve complex problems and recommend the best track for data development and processing. Project work will involve process improvement, quality control, data creation from spatial and tabular sources, conversion, migration, and maintenance.

Job Experience and Education

- Bachelor's degree in Engineering, Mathematics, Information Systems, or other technical discipline/experience OR equivalent academic education and experience
- Experience with spatial and non-spatial database design, structure, and management – including the manipulation of tabular data in GIS, and joining/linking related data
- Thorough understanding of Esri ArcGIS Enterprise, ArcSDE, versioning, and geoprocessing
- Experience incorporating nonspatial enterprise databases with GIS to fulfill analysis requests
- Ability to quickly learn new skills and abilities, database technologies, data modeling, and scripting as needed
- MS Power BI, Python, SQL and relational databases – Intermediate proficiency

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Southern Company (NYSE: SO) is America's premier energy company, with **46,000 megawatts** of generating capacity and 1,500 billion cubic feet of combined natural gas consumption and throughput volume serving **9 million customers through its subsidiaries**. The company provides clean, safe, reliable and affordable energy through **electric operating companies in four states, natural gas distribution companies in seven states, a competitive generation company serving wholesale customers across America and a nationally recognized provider of customized energy solutions, as well as fiber optics and wireless communications**. Southern Company brands are known for excellent customer service, high reliability and affordable prices that are below the national average. Through an industry-leading commitment to innovation, Southern Company and its subsidiaries are inventing America's energy future by developing the full portfolio of energy resources, including carbon-free nuclear, 21st century coal, natural gas, renewables and energy efficiency, and creating new products and services for the benefit of customers. Southern Company has been named by the U.S. Department of Defense and G.I. Jobs magazine as a top military employer, recognized among the Top 50 Companies for Diversity by DiversityInc, listed by Black Enterprise magazine as one of the 40 Best Companies for Diversity and designated a Top Employer for Hispanics by Hispanic Network. The company has earned a National Award of Nuclear Science and History from the National Atomic Museum Foundation for its leadership and commitment to nuclear development and is continually ranked among the top energy companies in Fortune's annual *World's Most Admired Electric and Gas Utility* rankings. Visit our website at southerncompany.com

Southern Company is an Equal Opportunity Employer (EOE) of minorities, women, individuals with disabilities, veterans and strongly supports diversity in the workplace.

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