

Southern Company Employment Opportunities | WE24

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. This document is designed to provide you with a general overview of the different positions within Southern Company and the specific opportunities we have available.

Position Overviews

Power Generation - Nuclear and Fossil Fuel: Generation Engineers ensure the reliable production of electricity for over 9 million customers and are responsible for designing, operating, and maintaining over 77 fossil and hydro plants as well as 4 Nuclear facilities across our system. Opportunities are available in both industrial plant and office settings.

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.

Corporate Support – Engineering (Operations): Engineers based in our corporate offices provide a wide range of essential support to business units and operating companies across our system. Opportunities are primarily office based and may include supporting and maintaining transmission lines, substation assets, generating plants, and overall grid modernization. As well as managing projects for traditional and renewable facilities, maintaining environmental compliance, researching, and developing technology for energy production and ensuring reliable power transmission and generation is available across the system.

Corporate Support – Technology: The Technology Organization (TO) applies technical skills and collaborative thinking to develop novel solutions for the business challenges of today and tomorrow. TO is dedicated to driving innovation, unlocking value and accelerating growth by building trusting relationships within our ecosystem. Our positions are hybrid and corporate office based, with opportunities spanning across multiple departments and teams.

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 2.8 for co-op positions and 3.0 for intern positions
- 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

SOUTHERN COMPANY GAS

Renewable Gas Intern - Atlanta, GA (1 Position)

Majors: Engineering major (Preferred: Engineering Discipline - Civil, Chemical, Environmental, Mechanical)

Semester Start: Summer 2025 Intern

Minimum GPA: 3.0

Intern will learn about Sustainability as a whole, what the overarching function of the Sustainability group is enterprise wide, what RNG is as a decarbonized fuel source, as well as how the RNG market is driven. The intern will assist with functional support relating to, but not limited to, National Accounts, Energy Efficiency, Certified/NextGen Natural Gas, and voluntary purchase programs.

Intern will:

- Meet deadlines, produce deliverables, and assist where needed.
- Assist with the administration of any voluntary green gas programs across the enterprise.
- Assist with the administration of the PowerClerk Interconnection Submission Portal and inquiries regarding any related LDC specific interconnection tariffs.
- Complete a term project related to one aspect of sustainability and report out to the department at the conclusion of the internship.
- Assist with Energy Efficiency program collateral, one-pagers, spreadsheets, and general program maintenance.
- Compile and update National Account customer ESG goals and metrics for internal use.
- Schedule and attend "Get to Know" conversations with internal contacts of interest and/or employees with job duties related to the intern's degree or field of interest.
- Provide Safety & Values Moment messaging for internal meetings.
- Potentially visit the Meadowbranch Landfill RNG facility in Athens, TN.
- Learn about current Sustainability initiatives and programs, attend internal and external meetings, and summarize key learnings throughout their time at GAS.
- Complete required company training and attend intern specific events offered through Talent Acquisition.
- Assist with time-sensitive work, as needed.

Material Standards and Testing Intern – Glen Ellyn, IL (1 position)

Majors: Engineering major (Preferred: Engineering Discipline – Civil, Mechanical)

Semester Start: Summer 2025 Intern

Minimum GPA: 3.0

While reporting to the Materials Standards and Testing Manager, the Intern will work with all members of the Operations and Technical Standards Team both learning from them and supporting them in achieving top departmental goals. Key project areas the Intern will be working on include, but are not limited to:

- Participating on the project to standardize Service Regulators across the Southern Company Gas enterprise
- Setting up testing protocols for new materials/technologies and/or material failure investigations and participating in the testing
- Working on the Approved Material Listing (AML) process restructuring initiative
- Working on the Nicor Gas Construction Specification (GCS) initiative to re-baseline existing GCS/GMS content and begin expansion to other Southern Company Gas LDCs
- Participating in Pipeline Implementation Committee activities
- Gaining exposure to the Welding Standardization initiative



Operations Improvement – Atlanta, GA (1 Positions)

Majors: Engineering major (Preferred: Engineering Discipline - Civil, Mechanical)

Semester Start: Summer 2025 Intern

Minimum GPA: 3.0

While reporting to the Operations Improvement Manager, the Intern will work with all members of the Operations and Technical Standards Team both learning from them and supporting them in achieving top departmental goals. Key project areas the Intern will be working on include, but are not limited to:

- Supporting the multi-tier Gas Construction Specification (GCS) project in its current phase
- Working with Business Stakeholders, under the guidance of the Operations Improvement Manager, on OPM Level 1
 Standardization Opportunities
- Working on larger OPM Standardization efforts in areas such as Leak Management, Hazard Control, and Emergency Management
- Supporting the AGA Best Practice Benchmarking Program
- Using industry leading technical writing software MadCap Flare to convert traditional Word and PDF documents into modernized HTML formats

System Integrity R&D – Atlanta, GA (1 Positions)

Majors: Engineering major (Preferred Discipline - Civil, Chemical, Environmental, Mechanical)

Semester Start: Summer 2025 Intern

Minimum GPA: 3.0

The Research & Development Organization at Southern Company Gas is helping develop different technologies aimed at improving the operations and lowering the operations & maintenance costs (O&M), detection and quantification of methane emissions, and production, transportation, storage, and end-use of clean energy. The R&D organization at Southern Company Gas is collaborating with different consortiums such as Gas Technology Institute – Operations Technology Development (GTI-OTD), NYSEARCH, Electric Power Research Institute (EPRI), the Department of Energy (DOE), and National Laboratories. Through these collaborations the R&D organization is leveraging its existing resources, bringing value to the company by supporting the development of innovative projects and technology such as mapping underground assets and cross-bores through above ground multi-sensing technologies, developing permitting guidelines for hydrogen refueling stations, and evaluating hydrogen storage potential in underground natural gas storage aquifers. The Research Intern will help with the execution of these projects.

The Research Intern will focus on identifying and addressing the challenges within the Southern Company Gas business. Key responsibilities include conducting literature reviews, engaging with both internal and external stakeholders, and analyzing existing and new data to develop effective solutions. The intern will also be responsible for communicating these solutions through reports and presentations.

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Intern/Co-op Apply



POWER DELIVERY

Power Delivery - Transmission and Distribution - Gulfport, MS

Majors: EE, ME, Civil Eng

Semester Start: Summer 2025 (Intern) or Fall 2025 (Co-op)

Transmission Intern/Co-ops - Students will learn the fundamentals of electrical power system field operations. Responsibilities include commissioning, testing, inspecting and troubleshooting protection relays and control schemes in power substations. The co-op/intern will be exposed to the daily operations of substation equipment. Co-ops/interns will also support efforts to respond to Transmission System outages and malfunctions as well as assist in coordinating maintenance activities performed by crew personnel.

Distribution Intern/Co-ops - Responsibilities include assisting engineers with all phases of field projects, including design; drawing memos and maintaining all power delivery computer systems; assisting with outdoor lighting projects by meeting with customers, staking poles and completing necessary paperwork; engineering projects; preparing permits when needed, initiating job orders, performing fault/start current calculations, file check and closing out jobs.

<u>Power Delivery – Tech Support</u> – Gulfport, MS <u>Majors:</u> Computer Science, Information Technology <u>Semester Start:</u> Summer 2025 Co-op or Intern

This position is responsible for technical support of the Power Delivery Technology Applications/Programs/Systems implemented at Mississippi Power as well as the input, processing, and maintenance of Distribution data in the systems used for operating the electric distribution system.

Responsibilities include performing weekly tasks related to applications used; assisting in installing software and hardware troubleshooting of field mobile computers, assisting in creating, maintaining, and validating the accuracy of reports; posting updates to the Distribution GIS database; creating specialized map products; reconciling data conflicts.

Preferred Knowledge: Oracle, Linux, UNIX, Unix Scripting, C Programming, SQL, Visual Basic, OMS system, Web based programming, iOS, OS, Windows, all Microsoft Office products, ESRI GIS, and other software in use with the applications/programs/systems used in Distribution.

Skills Needed: Analytical, program analysis, problem resolution, programming skills, project management and strong communication skills.

<u>Power Delivery – Transmission (3 Positions)</u> – Atlanta, GA Semester Start: Summer 2025 (Intern) or Fall 2025 (Co-op)

JOB REQUIREMENTS:

- Bachelor's degree in engineering in indicated discipline from an ABET accredited university.
- Minimum GPA of 2.8 preferred
- US Citizen or Permanent Resident
- May be required to work extended work hours to aid in storm and outage restoration efforts.
- Participate in the on-call trouble rotation and must be available after business hours for local, out-of-town, and out-of-state trouble and storm restoration

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
- Knowledge and experience with personal computers and the ability to learn numerous software applications quickly.
- Self-motivation and demonstrated initiative are crucial for these positions
- Ability to interface with customers, vendors and contractors while representing the best interests of Southern Company



WE ARE RECRUITING CANDIDATES FOR THE FOLLOWING AREAS & LOCATIONS:

Transmission – Engineers plan, build, design, operate and maintain more than 27,000 miles of transmission lines and 3700 substations. Transmission assets are the backbone of a system that delivers reliable service at competitive prices to our customers

• Full-time and Co-op positions available within the state of Georgia

Protection & Control Field Service Engineers are responsible for commissioning, testing, maintenance, and troubleshooting of relay protection schemes and/or substation integration and automation equipment. Most of their time is spent in the field making sure the Transmission system performs as it is designed. This role leads substation improvement projects to ensure the correct functionality of all the protection and control equipment. This is both a technical and a hands-on role. Additional experiences/responsibilities include:

- Exposed to daily operations of substation equipment
- Support efforts to respond to Transmission system outages and malfunctions
- Assist in coordinating construction and maintenance activities of power systems

Education: Electrical Engineering or Mechanical Engineering degree preferred

Co-op Transmission Engineer – This position will be exposed to the same environment as a Protection & Control Field Service engineer. The emphasis is to learn the basics while finding ways to contribute.

Power Delivery - Distribution (3 Positions) - Atlanta, GA

Semester Start: Summer 2025 (Intern) or Fall 2025 (Co-op)

JOB REQUIREMENTS:

- · Bachelor's degree in engineering in indicated discipline from an ABET accredited university.
- Minimum GPA of 2.8 preferred
- US Citizen or Permanent Resident
- May be required to work extended work hours to aid in storm and outage restoration efforts.
- Participate in the on-call trouble rotation and must be available after business hours for local, out-of-town, and out-of-state trouble and storm restoration

KNOWLEDGE, SKILLS & ABILITIES:

- Proven Leadership Skills
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- · Strong organizational, administrative, time management, project management, facilitation, and analytical skills
- Knowledge and experience with personal computers and the ability to learn numerous software applications quickly.
- Self-motivation and demonstrated initiative are crucial for these positions
- Ability to interface with customers, vendors and contractors while representing the best interests of Southern Company

WE ARE RECRUITING CANDIDATES FOR THE FOLLOWING AREAS & LOCATIONS:

Distribution— With customers at the center of everything they do, Distribution engineers plan, build, design, operate and maintain electrical systems that connect homes and businesses to the power grid. Their goals include providing reliable electricity in the most cost-effective way.

- Electrical or Mechanical Engineering degrees desired (others may be considered)
- Full-time and Co-op positions available within the state of Georgia

Distribution Engineers are responsible for the design and management of construction activities for distribution projects. Responsibilities include developing and implementing distribution plans; identification, analysis, and resolution of problems in the Distribution design area; preparing cost estimates, correspondence, documentation, calculations, and sketches. Storm restoration duties are also required. While the transmission engineers spend most of their time in substations, distribution engineers interact directly with the customers (both residential and commercial). This role often has opportunities to be part of restoring customer's power from a closer proximity to the customer.

Co-op Distribution Engineers – This position will be exposed to the same environment as a Distribution engineer. The emphasis is to learn the basics while finding ways to contribute.



CORPORATE SUPPORT: TECHNOLOGY ORGANIZATION

Technology Innovation Intern - Birmingham, AL or Atlanta, GA (1 Position)

Majors: MIS, Computer Science, Computer & Software Engineering, and Data Analytics

Semester Start: Fall 2024 Interns (Full-time or Part Time)

As an intern on the Technology Innovation Team, you will primarily develop rapid prototypes. The solutions may include applications, games, and AI development. Emerging technology research is an integral part of the position, as being on the cutting edge of technology is necessary for any innovation organization. In addition to development work, an intern will also participate in demonstrations of the prototypes and help leadership facilitate innovation challenges. Specific job responsibilities include:

Teamwork

- As an integral part of the team, participate in the work planning for the team, share updates in daily standups, and keep leadership up to date on any roadblocks.
- o Communicate with your team members on a regular basis and work in an agile development environment that utilizes productivity management tools, such as JIRA and Microsoft Teams/Planner.

Rapid Prototyping

- Participate in the development and prototyping of ideas from the backlog.
- o Identify opportunities, value for business units and document the value.
- Present summaries of that value in presentations, in person, over video conference, via recording, and otherwise.

Emerging Technology

- Research disruptive technologies and incorporate findings into Emerging Technology tracking program.
- Make recommendations on new technologies and business uses where applicable.
- Assist leadership in creating use cases for approved technologies.

Ideation Sessions

- Work with leadership to facilitate ideation sessions by leading a small group in Design Thinking practices. Duties include documenting all deliverables, logistical and tech support, and contributing to ideation.
- Utilize creative thinking skills to combine business needs with existing technologies.
- Internalize and participate in business process improvement.

Demonstration

- o Participate in demonstration of prototypes, emerging technology research, and Ideation Session deliverables.
- Provide technical support to demonstration efforts. i.e., keep devices charged and updated, keep space clean, and troubleshoot and repair problems when they occur.
- Own the presentation of assigned activities, make sure that talking points are accurate and concise.
- For traveling demonstrations: pack equipment, move to demonstration location which may include heavy lifting (up to 50 lbs.) and driving a vehicle, set up, demonstrate, and return equipment undamaged

Requirements and Skills

Excellent technical troubleshooting competency

Ability to learn new technologies quickly

Good knowledge of current emerging technology

Excellent ability to explain technical concepts to non-technical people

Good documentation practices

Problem-solving and conflict-resolution ability

Outstanding organization skills

Experience in or ability to quickly learn the following skills:

- Programming: Python, C#, Web Stack, Mobile platforms
- Software: Office 365, Adobe CC, Unity, Unreal 5, JIRA, MIRO, Generative AI, and like programs
- Technology: AI, video analytics, smartphones, AR/VR/XR, robotics, Gamification

Knowledge of computer/mobile hardware

Previous business experience is a plus

Internship Benefits

Job Specific Benefits, including working with and gaining hands-on experience with cutting edge technologies Opportunity to work on a Capstone Project for the EVP & CIO of the Technology Organization



Leadership Chat with the EVP & CIO of the Technology Organization

Dedicated Mentor during the duration of the internship

Multiple networking opportunities with senior leaders, managers, former interns, and current interns

Network Services Intern – Atlanta, GA (2 Positions)

Majors: MIS, Computer Science, Computer & Software engineering, and Data Analytics

Semester Start: Summer 2025 Intern

Position Overview

Infrastructure Services (IS) is responsible for providing secure, reliable and compliant network and computing environments that support the current and future needs of the business. Infrastructure Services fulfills these needs through an innovative and dedicated staff that provides strategy, planning, engineering, implementation, support, maintenance and 24/7 monitoring services for Southern Company's networks (telecommunication, data, voice and wireless), and computing platforms (servers, storage and mainframe).

Network Services owns all data network technologies, which includes network routing protocols, quality of service, MPLS, core data center and wide area data network routing and switching, integration of our network with an internet service provider, establishment of VPNs (virtual private networks), voice call management, VOIP (voice over IP), voice contact center, video infrastructure technology, fixed wireless routers, wireless LAN, and firewalls.

Internship Overview

This position has primary responsibility for learning how to provide tactical planning, engineering design, engineering consulting, documentation, equipment lifecycle management, and technical support for the network infrastructure of Southern Company and associated subsidiaries.

Internship Requirements

This position has primary responsibility for learning how to provide tactical planning, engineering design, engineering consulting, documentation, equipment lifecycle management, and technical support for the network infrastructure of Southern Company and associated subsidiaries.

Network Engineer Responsibilities

- Responsible for supporting strategic planning, design, development, implementation, provisioning, and day-to-day operations for the network infrastructure including Cisco data communications equipment; routers, switches, firewalls, wireless LAN, call managers, and network equipment.
- Conduct wireless site surveys (pre and post validation) at company locations
- Ability to perform end-to-end troubleshooting for data, voice, and wireless networks.
- Assist in the development and compliance of engineering standards including documentation, product lifecycle plans, and design packages.
- Responsible for providing support to the local Operating Companies on issues related to network planning, engineering design, and engineering consulting.
- Responsible for developing and participation in the successful completion of Network Services and Technology Organization initiatives.
- Maintain strategic relationships with key infrastructure vendors.
- Assist in building scripts for automation of repetitive tasks. Building scripts to maintain standard configuration templates
- Assist in building scripts for data analytics reports for management.

Internship Benefits

Opportunity to work on a Capstone Project for the EVP & CIO of the Technology Organization Leadership Chat with the EVP & CIO of the Technology Organization Face-time with the VP of Infrastructure Services and his executive leadership team Dedicated Mentor during the duration of the internship Multiple networking opportunities with senior leaders, managers, former interns, and current interns

Intern/Co-op Apply

New Grad / Full-time Apply

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Telecom Services Intern – Atlanta, GA (1 Position)

Majors: MIS, Computer Science, Computer Engineering & Software Engineering, Cyber

Security, and Data Analytics

Semester Start: Summer 2025 Intern

Position Overview

Infrastructure Services is responsible for providing secure, reliable and compliant network and computing environments that support the current and future needs of the business. Infrastructure Services fulfills these needs through an innovative and dedicated staff that provides strategy, planning, engineering, implementation, support, maintenance and 24/7 monitoring services for Southern Company's networks (telecommunication, data, voice and wireless), and computing platforms (servers, storage and mainframe). Telecom Services is responsible for system level support of Southern Company telecommunications transport systems and infrastructure. This includes support of the Company's RF systems to include AMI (Advanced Metering Infrastructure), point-to-point microwave, as well as GPON (Gigabit Passive Optical Network), DWDM (Dense Wavelength-Division Multiplexing), SEL ICON, and Nokia SARS Next Gen Telecom systems from both a 24x7 operations and project implementation perspective.

Internship Overview

This position has primary responsibility for learning how to provide tactical planning, engineering design, engineering consulting, documentation, equipment lifecycle management, and technical support for the Telecom infrastructure of Southern Company and associated subsidiaries.

Internship Responsibilities

- Responsible for strategic and tactical plans and engineering designs for all telecom network facilities including digital microwave- packet, fiber optics, WAN and data communications equipment, ancillary systems, and leased telecommunications services.
- Responsible for development and compliance of engineering standards including documentation, product, lifecycle plans, and design packages.
- Responsible for providing support to other Southern Company Operating Companies and/or Partners on issues related to transport network planning, engineering design, and engineering consulting.

Internship Requirements

- Ability to analyze information from multiple sources for complex problem resolution
- Ability to organize tasks and coordinate various employees, vendor / contractors, and customers / partners to meet project goals
- Ability to work independently, prioritizing major tasks by overall impact to the company
- Ability to effectively utilize standard Company computing applications (i.e. Visio, Outlook, Word, Excel, etc.)
- Ability to build relationships and work in a team atmosphere
- Ability to provide and accept feedback
- Strong analytical and troubleshooting skills
- Demonstrate Southern Company Core Values
- · Professional oral and written communication skills
- Ability to perform every task safely

Internship Benefits

Opportunity to work on a Capstone Project for the EVP & CIO of the Technology Organization Leadership Chat with the EVP & CIO of the Technology Organization Face-time with the VP of Infrastructure Services and his executive leadership team Dedicated Mentor during the duration of the internship

Multiple networking opportunities with senior leaders, managers, former interns, and current interns

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Intern/Co-op Apply



Application Developer Intern – Atlanta, GA and Naperville, IL (1 Position)

Majors: MIS, Computer Science, Computer & Software Engineering, Cyber Security, and Data Analytics

Semester Start: Summer 2025 Intern

Position Overview

Gas Technology Solutions partners with the business to provide technology planning, software and systems design, development, implementation, and support. Aligned with business imperatives, the teams manage strategic technology plans with Distribution Operations, Customer Service and Experience, Field Operations, and Work Management. Our services include business unit consulting and technology planning, systems and software development and implementation, systems and software integration, and lifecycle maintenance of technology.

The position will potentially be contributing to all phases of the software development and maintenance life cycle, including requirements-gathering, specification, design, estimating, development, configuration, implementation, testing, and deployment.

Internship Requirements

General

- Areas of interest should include software development
- Excellent technical troubleshooting competency, problem-solving and conflict-resolution ability
- Ability to learn new technologies quickly
- Excellent ability to explain technical concepts to non-technical people
- Good documentation practices

Technical Skills Required

- Experience in or ability to quickly learn development languages/platforms including, but not limited to:
 - Programming: Angular, C#, SQL, Web Stack, Mobile platforms

Soft Skills Required

Outstanding organization skills

Internship Benefits

- Meaningful work assignments within active projects and programs. Ability to job shadow in areas of interest.
- Opportunity to work on a Capstone Project for the EVP & CIO of the Technology Organization.
- Leadership Chat with the EVP & CIO of the Technology Organization.
- Dedicated Mentor during the duration of the internship.
- Multiple networking opportunities with senior leaders, managers, former interns, and current interns.
- Summer Experience Orientation & Student of the Business Trip.
- Professional & Technical Development Training.

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Intern/Co-op Apply



Data Analyst Intern - Atlanta, GA (1 Position)

Majors: MIS, Computer science, Software engineering, MIS, or related degree

Semester Start: Summer 2025 Intern

Position Overview

This intern position will build and maintain innovative solutions as a member of the Data Solutions function within the Technology Organization (TO) for Southern Company Gas (GAS). This role will closely partner with the new GAS Enterprise Decision Support and Data Governance (EDGE) organization to accelerate delivery of projects and data requests from our business units. The Data Solutions intern will also work with other team members to help advance the TO Data Management and Data Analytics strategy by increasing our capabilities to deliver data solutions rapidly and efficiently while providing excellent value for the organization.

The intern will have the opportunity to work with stakeholders – both business and IT – to review functional and non-functional requirements, then design, develop, implement, and support data engineering and analytics solutions. These solutions include onpremise, big data and Microsoft Azure technologies that align with and support data visualization and analytics solutions, reporting and dashboarding.

Internship Requirements

General

• On Track for Undergraduate/Advanced Degree in Computer Science, Software Engineering, MIS or a related field

Technical Skills Required

- Interest in full life-cycle implementation and support of DW/BI solutions
- Experience/learning how to use SQL in Oracle, SQL Server relational databases
- Experience/learning how to use the fundamentals of designing, developing, testing, deploying, and administering reporting and dashboarding solutions using Power BI including data models and MDX
- Interest in building .NET based web portals using Azure App Services, ReactJS and API/Web Services and embedding Power BI
 reports
- Experience/learning how to use tools such as MSBI (SSAS/SSRS), Cognos Analytics etc.
- Experience/learning how to use designing, developing, testing, deploying, and supporting analytics solutions using Microsoft cloud-based tools such as Azure Data Lake, Azure Data Factory, Azure Databricks, Python, Azure Synapse, Azure Key Vault and Power BI
- Experience/learning how to create functional and technical designs for analytics solutions
- Experience/learning how to implement data models of different schemas and working with diverse data source types
- Experience/learning Agile as well as DevOps, CI/CD methodologies
- Experience working on concurrent assignments on multiple projects

Soft Skills Required

- Being self-motivated, curious, and passionate about designing solutions that are reliable and scalable
- Excellent communication and interpersonal skills
- Team oriented and collaborative
- · Quick learning and self-managing

Job Responsibilities and Professional Development Opportunities:

- Design, develop, and maintain web-based portals with role-based security, semantic layer data models, dashboards and reports in Power BI, and other similar visualization tools
- Define standard templates and common reusable components for reports and dashboards
- Work with data architects and business stakeholders to create and maintain a data catalog
- Assist with building and supporting machine learning models, and work in conjunction with data stewards and architects to define and maintain logical data models (entity attribute relationships) as well as physical data models for GAS data assets
- Assist our business units in testing, training, and operation of data solutions
- Work with other technology team members to follow operational standards and transition support responsibility to enable long term support

Internship Benefits

- Meaningful work assignments within active projects and programs. Ability to job shadow in areas of interest.
- Opportunity to work on a Capstone Project for the EVP & CIO of the Technology Organization.
- Leadership Chat with the EVP & CIO of the Technology Organization.
- Dedicated Mentor during the duration of the internship.
- Multiple networking opportunities with senior leaders, managers, former interns, and current interns.
- Summer Experience Orientation & Student of the Business Trip.
- Professional & Technical Development Training.



<u>Electric Technology Solutions Intern</u> – Birmingham, AL or Atlanta, GA (1 Position)

Majors: MIS, Computer Science, Computer & Software Engineering, and Data Analytics

Semester Start: Summer 2025

Position Overview

Electric Technology Solutions partners with the business to provide technology planning, software and systems design, development, implementation, and support. Aligned with business imperatives, the teams manage strategic technology plans with Generation, Power Delivery, Customer Service & Marketing, Nuclear, Southern Power and PowerSecure. Our Services include Business unit consulting and technology planning, systems and software development and implementation, systems and software integration, lifecycle maintenance of technology, nuclear plant technology support, Southern Power plant technology support, and PowerSecure technical support.

The position will potentially be contributing to all phases of the software development and maintenance life cycle, including requirements-gathering, specification, design, estimating, development, configuration, implementation, testing, and deployment.

Internship Requirements

Areas of interest should include software development

Excellent technical troubleshooting competency, problem-solving and conflict-resolution ability

Ability to learn new technologies quickly

Ability to identify opportunities to apply technology to assist with business process improvements

Excellent ability to explain technical concepts to non-technical people

Good documentation practices

Outstanding organization skills

Experience in or ability to quickly learn development languages/platforms including, but not limited to:

• Programming: Python, C#, SQL, Web Stack, Mobile platforms

Internship Benefits

Insight into the making, moving and provision of energy

Hands-on experience working on systems in a production environment

Meaningful work assignments and job shadowing in areas of interest

Opportunity to work on a Capstone Project for the EVP & CIO of the Technology Organization

Dedicated Mentor during the duration of the internship

Multiple networking opportunities with senior leaders, managers, former interns, and current interns

Student of the business tours and professional development training

Teambuilding and social outings

End of Term presentation to Technology Organization (TO) Leaders

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Intern/Co-op Apply



Technology Strategy and Program Delivery Intern – Atlanta, GA (1 Position)

Majors: MIS, IT, Business Administration with a concentration information systems or technology management preferred. Other technology degrees such as Computer Science will be considered.

Semester Start: Summer 2025

Position Overview

Join our Technology Strategy and Program Delivery team as an Intern and immerse yourself in the heart of project management and operational excellence. In this role, you will gain hands-on experience with Broadcom Clarity for project and portfolio management, delve into the nuances of our defect ticketing triage process, and contribute to the creation and analysis of critical reports. You will also explore the realms of data analytics, assisting in interpreting data to drive project decisions. Additionally, you will play a role in the onboarding process for new projects and team members and get a chance to apply various project management methodologies. This internship is an opportunity to be part of a team that values innovation and efficiency, offering a comprehensive insight into the dynamic world of PMO operations.

Internship Requirements

General

- Prior experience leading technology projects or academic projects
- Basic understanding of PMI-based project management principles and methodologies, familiarity with program and project delivery, and project management lifecycle.
- Analytical skills to assist in managing project activities, including cost tracking and project monitoring.
- Ability to manage multiple tasks and contribute to project deliverables effectively.
- Effective communication skills, both oral and written, with the ability to interact professionally.
- Technical Proficiency:
 - o Familiarity with Microsoft Office Suite, especially Teams, Excel, PowerPoint, and Word.
 - Exposure to project management software like Microsoft Project and Clarity PPM is beneficial.
 - o Basic understanding of SharePoint and TEAMS administration is a plus.
 - Interest in learning about Business Intelligence reporting tools such as TEAMS/SharePoint, Excel, PowerPivot, PowerBI.

Technical Skills Required

- Familiarity with Microsoft Office Suite, especially Excel, PowerPoint, and Word.
- Exposure to project management software like Microsoft Project is beneficial.
- Basic understanding of SharePoint and TEAMS administration is a plus.
- Interest in learning about Business Intelligence reporting tools such as TEAMS/SharePoint, Excel, PowerPivot, PowerBI.
- Some exposure to technology solutions tools, software, and concepts such as field data acquisition, data management, customer experience digitization, data analytics, and work management strategies. Specific interest in Gas utility technologies is a plus.

Soft Skills Required

- Strong written and verbal communication skills
- Highly organized with a keen eye for details
- Analytical with the ability to think critically
- Team player with a desire to collaborate with others
- Comfortable working independently with minimal supervision

Job Responsibilities and Professional Development Opportunities:

- Assist in the development and maintenance of project management- deliverables, learning from a team of experienced project managers.
- Contribute to Team Coordination and Communication: Support in providing work direction and communication facilitation for project teams as part of the learning process.
- Assist in Project Change Control and Reporting: Help manage project change control processes and contribute to status reporting and project estimating under guidance.
- Support in Change Management Processes: Aid in facilitating the change management process for PMO program and project management processes and deliverables.
- Contribute to Project Portfolio Management Enhancement: Assist with the advancement of project portfolio management, focusing on process and tool enhancements.
- Liaise with PMO Stakeholders: Interface with project managers (PMs), portfolio delivery managers (PDMs), and project stakeholders to learn and provide support.
- Project Information Analysis and Communication: Collect and analyze project information to assist in determining project status, following up on project issues, and communicating findings to the project manager.
- Support in Risk Management: Assist in document risk responses by communicating with project members and assisting in updating plans and addressing risk items.



Internship Benefits

- Meaningful work assignments within active projects and programs. Ability to job shadow in areas of interest.
- Opportunity to work on a Capstone Project for the EVP & CIO of the Technology Organization.
- Leadership Chat with the EVP & CIO of the Technology Organization.
- Dedicated Mentor during the duration of the internship.
- Multiple networking opportunities with senior leaders, managers, former interns, and current interns.
- Summer Experience Orientation & Student of the Business Trip.
- Professional & Technical Development Training.

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Intern/Co-op Apply



SOUTHERN POWER

Commercial Optimization & Trading Co-op or Intern - Alabama, AL (1 Position)

Majors: Engineering, Information Management, Economics, Data Analytics, or Computer Science

Semester Start: Summer 2025

The Commercial Optimization & Trading team manages Power Purchase Agreements, wholesale energy trading, and market policy across the United States. The coop or intern will work on the Data Analytics team to provide accurate and timely data to support key decision-making with internal and external data visualizations.

Responsibilities

- Support data acquisition associated with wholesale energy trading and power purchase agreements to evaluate operational and commercial performance for our fleet of generating assets.
- Create data visualizations to improve business decision-making.
- Develop Machine Learning and Artificial Intelligence tools to increase revenues and decrease costs.
- Participate in technology initiatives that are designed to improve processes and procedures.

Candidate Qualifications

- Student in Engineering, Information Management, Economics, Data Analytics, or Computer Science
- Excellent analytical, organizational and problem-solving skills required
- Strong oral and written communications skills required
- Experience with or willing to learn new technologies such as Power BI, Tableau, and HoloLens
- Ability to build and maintain professional working relationships with internal and external teams
- Experience in organizing and managing multiple projects and meeting deadlines.
- Positive team player, flexible to changing priorities, and seeks opportunities for improvement.
- Proficiency in Microsoft Office products required (TEAMS, Outlook, Word, Excel, PowerPoint)

Transmission & Markets Co-op or Intern – Alabama, AL (1 Position)

Majors: Engineering, Information Management, Economics, Data Analytics, or Computer Science

Semester Start: Summer 2025 or Fall 2025

The Transmission & Markets team manages the interconnection and delivery risks related to developing, acquiring, owning, and operating our fleet of generation assets across the United States.

Responsibilities

- Support transmission analysis for SPC growth, operations, and optimization.
- Complete basis and curtailment forecasting using data from various sources.
- Gain knowledge and experience in different market structures ranging from RTOs to bi-lateral markets across the US.
- Work in collaborative environment to solve commercial, regulatory, and technical challenges.

Candidate Qualifications

- Student in Engineering, Information Management, Economics, Data Analytics, or Computer Science
- Excellent analytical, organizational and problem-solving skills required
- Strong oral and written communications skills required
- Experience with or willing to learn new technologies such as Power BI, Tableau, and HoloLens
- Ability to build and maintain professional working relationships with internal and external teams
- Experience in organizing and managing multiple projects and meeting deadlines.
- Positive team player, flexible to changing priorities, and seeks opportunities for improvement.
- Proficiency in Microsoft Office products required (TEAMS, Outlook, Word, Excel, PowerPoint)

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Generation Support Co-op or Intern – Alabama, AL (1 Position)

Majors: Engineering, Information Management, Economics, Data Analytics, or Computer Science

Semester Start: Summer 2025 or Fall 2025

The Generation Support team oversees a variety of generation technologies, such as solar, wind, battery storage, and natural gas. Collaborating closely with our field technicians and operators, we transform complex issues into straightforward solutions through data analytics and software. Our responsibilities encompass the development and upkeep of data utilizing various tools and analytics for maintenance, operations, training, compliance, accounting, NERC standards, and other functions within Southern Power to enhance business processes.

Responsibilities

- Facilitate data analysis and usage by gathering, structuring, and visualizing information to aid maintenance, operations, training, compliance, accounting, and other business processes within Southern Power. Emphasize enabling data-driven decision-making within the company.
- Incorporate Machine Learning and Artificial Intelligence into Southern Power's maintenance strategy through visual inspection tools.
- Promote and advance the integration of technological solutions for maintenance and training across our facilities.

Candidate Qualifications

- Student in Engineering, Information Management, Economics, Data Analytics, or Computer Science
- Excellent analytical, organizational and problem-solving skills required
- Strong oral and written communications skills required
- Experience with or willing to learn new technologies such as Power BI, Tableau, and HoloLens
- Ability to build and maintain professional working relationships with internal and external teams
- Experience in organizing and managing multiple projects and meeting deadlines.
- Positive team player, flexible to changing priorities, and seeks opportunities for improvement.
- Proficiency in Microsoft Office products required (TEAMS, Outlook, Word, Excel, PowerPoint)

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FULL-TIME POSITIONS

POWER DELIVERY

Distribution Engineer - Birmingham, AL (1-4 Positions)

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 (1-4 Positions)

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.

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
- 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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Interconnections Planning - Distribution Engineer/Project Manager - Atlanta, GA (1 Position)

This position coordinates inputs from various departments within Georgia Power, Southern Company Services and the ITS Participants for Transmission Service and Generation Interconnection requests per FERC/State guidelines and NERC/SERC/SOCO/ITS Reliability guidelines and standards. This position handles communication with all impacted parties and ensures that a timely and accurate response is developed for each request.

For candidates not currently residing in the metro Atlanta area, relocation assistance will be considered as needed on a case-by-case basis.

Job Experience and Education:

Four (4) year B.S. Engineering Degree or Engineering Technology Degree preferred - Electrical desired.

Technical Experience Requirements:

- Experience and understanding with planning, design, operation, and maintenance processes for substation and transmission lines.
- Ability to demonstrate knowledge of the transmission system, engineering principles, electric operating practices construction practices, land requirements and regulations, budgeting, scheduling, and general business practices.
- Strong analytical skills to evaluate progress, identify problem areas, evaluate alternatives, financial impacts and determine viable solutions to meet both the Customer's and Company's need.
- Specific experience related to generator interconnection process and implementation is desired.

Assistant Project Manager – Atlanta, GA (2 Positions)

This position provides key support for the Project Manager and the project team to mitigate expedited challenges on capital projects. The individual may also manage small projects, depending on their complexity.

Education: B.S./B. Required: BA/BS Construction Project Management, Business Management, Engineering, or related field, 2-year Associates Technical Degree related to power delivery, project management or electric utility industry

Experience, Knowledge, Skills & Job Responsibilities:

- Transmission and/or Distribution experience with an electric power utility is a plus.
- Knowledge of all project cost components including engineering, construction, productivity, and progress measurement.
- Experience in successfully managing internal and external relationships.
- Knowledge of construction and engineering productivity/earned value processes.
- Knowledge of TEAMS estimating software and Oracle Project.
- Strong communication skills, including the ability to communicate complex topics to various audiences.
- Assist in coordinating and managing project tasks to ensure project delivery within allotted budget and timelines
- Liaise with internal and external partners to identify and define project requirements, scope, and objectives.
- Assist in preparing project proposals, timeframes, schedules, and budgets.
- Monitor/track material needs.
- Perform risk management documentation to minimize project risks.
- Create and maintain comprehensive project documentation, plans, and reports.
- Support the project manager in administrative functions such as meeting scheduling, minutes taking, and action item tracking.
- Manage small projects independently, based on their complexity.
- Maintain quality assurance procedures to ensure project quality.

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Project Manager – Atlanta, GA (2 Positions)

This position is responsible for leading and coordinating the development and/or execution activities associated with transmission line and substation capital construction projects for assigned territories in Georgia. On the Project Development team, the Project Manager takes the project from the origination/solution phase through the budget approval before project execution. During this period of the project, the Development Project Manager will manage the scoping process, the conceptual design activities, preliminary outage planning, and the initial budget approval request. On the Project Execution and Specialized Execution teams, the Project Manager provides input during project development, coordinates the design, engineering, procurement, construction, and closeout of projects. Additionally, the Project Manager monitors project progress, schedules, and budgets with special attention to areas identified as high-risk, oversees the project change management process, and conducts post project reviews and shares lessons learned

Job Experience and Education:

Bachelor's degree in Engineering or Engineering Technology preferred. PE Certification a plus. PMP or other PM Certification a plus.

Experience

For Development Project Manager Role

Familiarity with project management principles and techniques including the Gated Process.
Strong Transmission experience preferred. Experience in Protection and Control Field Services, Transmission Operations,
Transmission Design (Estimating, Physical, Control, Protection and Control Applications, etc.) is strongly desired.
Ability to demonstrate knowledge of the transmission system, engineering principles, electric operating practices, construction practices, land requirements and regulations, budgeting, scheduling, and general business practices.
Experience analyzing, projecting, and controlling project costs over time.

For Execution Project Manager Role

Familiarity with project management principles and techniques including the Gated Process. Transmission and Distribution experience is preferred. Comparable experience in Generation may also be considered. Ability to demonstrate knowledge of the transmission system, engineering principles, electric operating practices, construction practices, land requirements and regulations, budgeting, scheduling, and general business practices. Strong analytical skills to evaluate progress, identify problem areas, evaluate alternatives, and determine viable solutions. Experience analyzing, projecting, and controlling project costs over time.

Project Scheduler – Atlanta, GA (2 Positions)

This position leads the effort to allocate and schedule transmission and/or distribution events in support of GPC Capital Projects. This person will be paired with a Project Manager and responsible for leading meetings and discussions related to scheduling and resource allocation. He or she schedules design engineering and construction activities, resolves conflicts, and updates schedule progress. The analyst will also produce reports for key distribution and key transmission stakeholders.

Education: B.S./B. Required: BA/BS Construction Project Management, Business Management, Engineering, or related field, 2-year Associates Technical Degree related to power delivery, project management or electric utility industry

Experience, Knowledge, Skills & Job Responsibilities:

- Understanding project management process
- Experience working with scheduling and project management tools.
- Experience in Primavera/P6 is a plus.
- Proficiency in Microsoft Office Tools (i.e. Word, Excel, PowerPoint) (Database management a plus)
- Experience with large project teams in implementing project controls programs is preferred.
- Proven organizational skills.
- Proven communication skills (Verbal and Written)
- Experience in project cost analysis/tracking is a plus.
- Coordinate transmission capital project activities (i.e. Engineering, Procurement, Environmental, System Outages, Construction, etc.)
- Update project progress and facilitate resolution of conflicts, resource issues, or schedule exceptions that may impact project completion dates.
- Prepare project status for key stakeholders, customers and strategic partners.
- Analyze project cost exceptions and assist with variance explanations.



Cost Analyst - Atlanta, GA (2 Positions)

This position provides hands-on project control services, focusing on financials, documentation, schedules, and scope controls, and project metrics and reporting for transmission and distribution capital projects. The role works closely with project managers to ensure business objectives are met, including prudent and accurately tracked spending, on-time and on-budget project delivery, asset commissioning, return on investments, and compliance with program regulatory and government commitments and reporting requirements.

Education: B.S./B. Required: BA/BS/BBA in Finance, Accounting, Construction Project Management, Business Management, Engineering, or related field

Experience, Knowledge, Skills & Job Responsibilities:

- Demonstrated Safety focus.
- Transmission and/or Distribution experience with an electric power utility is a plus.
- Experience in Project Controls with a focus on large capital projects.
- Knowledge of all project cost components including engineering, construction, productivity, and progress measurement.
- Experience in successfully managing internal and external relationships.
- Knowledge of construction and engineering productivity/earned value processes.
- Experience with construction, contract methodologies, computer-based job costing, CPM scheduling and estimating is preferred.
- Knowledge of TEAMS estimating software, Oracle Project, Primavera P6 software.
- Knowledge of PowerBI, Contruent, and other advanced reporting platforms to enhance cost data analysis.
- Familiarity and experience with the GPC Transmission PMO Gated process.
- Conduct detailed financial overview with Project Manager to include review of actuals, variance analysist, re-forecast and communication of risks and opportunities of notated impacts to costs and schedules.
- Participate in monthly accounting close activities, reconciliation of accruals and journal entries.
- Project Level prepare monthly variance explanation reports, maintain a comprehensive forecast, including cost to date (CTD), estimate to complete (ETC) and estimate at completion (EAC).
- Ensure cash flow time phasing is aligned with P6 schedule. Reconcile and correct differences.
- Load new baseline estimates from Teams into Oracle Projects.
- Support the Project Manager by initiating change items and preparing documentation for leadership approval. (Including final BCA closeout).
- Update the Risk Register with new risk, opportunity, and mitigation items.
- Ensure the Oracle Projects Targets and Forecast are getting updated at a Discipline Task Level.
- Strong communication skills, including the ability to communicate complex topics to various audiences.
- Adaptable to internal and external demands.
- Team player with a collaborative approach to drive solutions across both Georgia Power and Southern Company.

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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.