

We are hiring at NSBE49

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 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.

Renewables Support - Engineers across our operating companies are at the forefront of innovation, researching and developing technology for renewable energy production, delivery and use as well as managing current renewable facilities, including wind and solar. With a greenhouse gas (GHG) emissions reduction goal of net zero emissions by 2050. Southern Company is highly focused on strategically increasing the roles of renewables. Opportunities may be available within corporate support, gas operations, and other business units across the system.

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

INTERN OR CO-OP POSITIONS	
Power Delivery	
Georgia Power Company	5
Mississippi Power Company	2
SCS Operations	
Generation	7
Construction Field Engineer- T&PS	1
Research and Development	2
Southern Company Gas	
Project Engineer	2
Southern Power Company	
Engineer/ Market Analyst	2
Southern Nuclear	
Nuclear Plant Engineer	1

FULL-TIME POSITIONS	
Power Delivery	
Alabama Power Company	10
Georgia Power Company	9
SCS Operations	
Generation	2
Construction Field Engineer- T&PS	1
Southern Company Gas	
Data Analyst, Data Scientist, Data Architect	3
Southern Power Company	
Engineer/ Market Analyst	4
Southern Nuclear	
Nuclear Plant Engineer	2

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INTERNS AND CO-OPS 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 - Tech Support Intern – various locations in Mississippi

Majors: CS, IT

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

SCS OPERATIONS

Generation Intern/Co-ops - Plant Operations (Making Electricity) - Various locations in Alabama, Georgia, and Mississippi

Majors: EE, ME, CE, IE, ChemE

Responsibilities include engineering related projects such as installation, calibration and performing inspections on equipment. Co-op/Intern will gain knowledge of boilers, turbines, pumps, control systems, motors and switchgears and will address problems that affect unit/plant performance, reliability, efficiency, safety, environmental compliance, and cost. Additional tasks may include collecting and testing various samples from the plant (i.e., water, coal, fly ash) as well as taking vibration and meter readings for performance data. Duties may also include interpreting and maintaining blueprints, diagrams, and plant system drawings, use of AutoCAD, participating in equipment testing, and addressing corrective, preventive, and predictive maintenance issues in electrical & mechanical areas.

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T&PS Technical Services Intern - Engineer / Computer Systems Analyst / (Renewables) – Birmingham, AL**Majors:** EE, ChemE, Computer engineering, Computer Science

The engineering student will provide technical and organizational support to the Instrumentation and Controls Renewables Project Support Team. This team is responsible for producing designs and implementing engineering solutions for the process controls and automation systems of renewable energy projects for internal customers.

- Multi-task and prioritize multiple project assignments to meet tight project deadlines
- Effectively communicate with Supervisor, project team and customers
- Provide input to project scope, schedule and budget
- Plan and execute resolutions related to control systems and collaborate with a team
- Provide hardware, software, and network diagnostics of control systems – PLC, RTAC and SCADA systems.
- Create new graphics and troubleshoot issues related to existing graphics within the Ignition SCADA platform

Part-Time Student – Advanced Data Analytics Support – Birmingham, AL**Majors:** Computer Science, Computer engineering, Software engineering, or related field. (Open to Graduate students)

The Energy End Use R&D team manages a diverse research portfolio covering building and vehicular electrification, sustainability, energy efficiency technologies, building energy management systems, and other areas to promote carbon reduction, grid flexibility, new revenue streams, and economic development initiatives. The successful candidate will support the advancement of some of these research areas by developing computer programs to organize large data volumes gathered through associated research projects in a common data store. The candidate will also validate, study, and analyze research project data to extract new and meaningful insights and, in turn, develop quality methods for presenting and visualizing research results.

- Experience writing basic queries and data manipulation statements with SQL.
- Experience writing basic programs with Python, C#, VB.net, JavaScript, R, or similar languages.
- Experience working with big data repositories and both relational and non-relational databases.
- Experience in data visualization and technical writing.
- General proficiency with the Microsoft Office suite of applications.
- Strong analytical and organizational skills.
- Ambitious self-starter, with an interest in continuous learning and researching new technologies.

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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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 relate to field activities OR Data analytics related to field inspection data
- Review of field inspection tools with final recommendation

SOUTHERN NUCLEAR**Nuclear Generation Intern** – various locations in Alabama and Georgia**Majors:** EE, ME, ChemE, NucE

Responsibilities include maintaining plant schedules, collecting data for systems performance evaluation, maintaining plant procedures, and assisting engineers with special studies and projects. Other duties may include testing, monitoring, and trending of equipment and nuclear fuel; supporting plant maintenance; and supporting plant operations. Co-Op/Intern will also assist with initiation of changes to hardware; procedures and training that enhance plant performance. Assignments will vary for each work term based on project needs. Student will gain practical work experience and developmental opportunities.

INTERN AND CO-OP BENEFITS

- Competitive Pay
- Excellent benefits packages which includes:
 - Medical and dental coverage
 - Tuition Reimbursement

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FULL-TIME POSITIONS

ALABAMA POWER

Engineer, Grid Investment – various location in Alabama

This position is responsible for supporting Grid Investment Construction program and coordinating between Technology Organization, Project Management, Grid Inform & Connectivity, and Engineering on all construction projects.

The primary responsibilities would be to receive design packages and perform construction feasibility evaluations for all jobs and provide feedback on engineering drawings while understanding the impact to various efforts including but not limited to telecom engineering, future maintenance, grid enhancement, and market opportunities. This position would also be responsible for collecting & evaluating data to formulate metric deliverables to evaluate Construction efficiencies and opportunities. The successful candidate must be able to support, communicate effectively and build professional relationships with many different departments including Distribution, Transmission Maintenance, Corporate Real Estate, Environmental, Operations, Project Management, Technology Organization and Grid Inform & Connectivity. The successful candidate should also be able to adapt communication style as required to effectively communicate with covered, exempt, and management employees as well as external customers. The successful candidate is expected to be a contributing member of the Grid Investment team.

Job Experience and Education

- Engineering degree is required
- Experience creating spreadsheets, pivot tables, dashboards
- Experience with horizontal drilling calculations and stress analysis

Some overnight statewide travel is required. Must be able to work outside of normal work hours as needed and be available for emergency restoration work.

Retail Interconnections Team – various locations in Alabama

This position will be responsible for evaluating service requests, developing service proposals, and manage committed service plans for new transmission customers (46 kV and above) at the Gate 1 and Gate 2 milestones in the project life cycle. This position will also be responsible for producing solutions to address customer service issues for existing customers served from APC's transmission system. Occasionally other special projects or tasks may be assigned in support of APC and Southern Company Transmission goals and initiatives. This position is located at the APC Corporate Headquarters in Birmingham, AL.

Job Experience and Education

- B.S. in Engineering from an ABET accredited institution is required, Electrical Engineering Degree preferred.
- Project management and customer interface experience are desired.
- Project Management Professional (PMP) or Professional Engineer (PE) certification is a plus.

Position will require assistance with APC Storm Response efforts. These efforts may be local, but from time to time may be in support of other Operating Companies, requiring overnight travel.

This position will be a hybrid work location position. Candidate may be required to report to work at the Birmingham HQ location a minimum of three days per week and telecommute the remaining work period.

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Substation Maintenance Engineer – Birmingham, AL

The Birmingham Transmission Substation Maintenance Engineer is responsible for supporting the maintenance of substation equipment and facilities in the Birmingham Division by scheduling work for the crew, handling logistical responsibilities (creating/closing out capital work orders in TEAMS, providing budget support to the staff, etc.) and troubleshooting equipment-related issues. Assist and coordinates work with a variety of groups such as: the Operations Organization, Construction Organization, P&C Field Services, and Control Centers.

Job Experience and Education

- Engineer: Bachelor's Degree in an Engineering Discipline with a preference for Electrical

ACC Real Time Support EIT - various locations in Alabama

The Support Engineer In Training (EIT) will function within the ACC Real Time Support group and will be responsible for supporting all day-to-day activities of the Alabama Control Center. Tasks will involve Alabama Power's Energy Management System (EMS), STOMP Operations, TransMap, Compliance, Fault Analysis and Customer data requests. This individual will also provide technical support for Power System Coordinators and information solutions to the Transmission Control Center as well as for both internal and external customers.

Job Experience and Education

- Electrical, Mechanical, Computer, or Software Engineering degree required
- Hands on experience using, configuring, or maintaining an EMS/SCADA/RTU system is preferred
- Basic knowledge of computer programming: SQL, scripting, Unix, Java preferred
- Basic knowledge of power system operations and power flow preferred

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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GEORGIA POWER**Distribution Engineer** – various locations in Georgia

This position will be required to handle all the 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 – 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.

SCS OPERATIONS**Assistant Site Manager - Georgia Hydro Modernization** - Georgia

SCS Technical & Project Solutions (T&PS), Projects - Hydro

Assist the Project Manager (PM) in coordinating, supervising, and inspection of administrative operations and activities for the GPC Hydro Modernization Program.

This position will be responsible for Admin functions at all three Georgia River systems: N. GA Hydro, Chattahoochee, and Central GA. The final work location will be determined with the successful candidate.

Leadership

- People Development-Committed to making time for focused coaching of team members in order to build a strong bench and develop future leaders.
- Performance Management- Courageously identifies performance gaps of personnel, drives to close those gaps, but also holds self and others accountable for performance.
- Influence- Political savvy to identify key stakeholders, personality to build effective working relationships, and effective communication skills to have hard conversations.
- Innovation- Fosters a culture of continuous improvement by always seeking innovative solutions to problems while championing system initiatives.
- Strategic Thinking- Thorough understanding of our business combined with seasoned judgment based on experience resulting in the ability to make wise decisions after considering risk and opportunity
- Business Results- Passion and conviction to achieve business objectives in the best interest of Southern Company through inspiration and motivation of the team.

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Job Education and Experience

- Bachelor's degree or higher in Engineering, Building Science or Construction Management
- Five (5) years plant, project, and/or construction management experience preferred
- Construction experience on large capital projects strongly preferred
- Experience managing field operations

Field Engineer/Construction Specialist – Alabama and Georgia

Technical & Project Solutions (T&PS) – Projects EAST and WEST Departments

This position serves to provide oversight and management of major capital projects for the Projects East group, within our Technical & Project Solutions (T&PS) organization. This position is responsible for project safety, quality, cost, and schedule requirements. Responsibilities include working closely with various T&PS departments as well as external groups. This role requires the ability to review and if needed, develop work products such as: project scope document, cost estimate, P6 schedules, data analytics, safety plans, and quality plans.

Job Experience and Education

- Bachelor's degree in Building Science, Construction Management, Construction Engineering, Electrical Engineering, Mechanical, Engineering, Civil Engineering
- Engineering, construction, or project development/project controls/project management experience
- General knowledge of Primavera/P6 a plus

Relocation assistance may be available if the selected candidate currently resides outside the area

T&PS- Project Controls Analyst- Project Scheduler – Birmingham, AL

Technical & Project Solutions, Project Services Department

This position is responsible for the development, maintenance, and reporting of engineering, procurement, and construction schedules for assigned projects.

- **Schedule Development and Maintenance:** Develop and maintain the schedules for assigned projects, per the project controls scheduling standards and guidelines. Monitor adherence to project scope and ensure change management has been integrated into the schedule. Ensure schedule update process is followed and hold vendors / contractors accountable to our scheduling standards.
- **Schedule Reporting:** Ensure schedule reporting requirements are met. Work with the project team to identify and develop project-specific reports. Ability to discern schedule issues and address appropriately and timely.
- **Customer Relations:** Serves as the scheduler for assigned projects. Work closely with project team and customers to ensure scheduling deliverables meet or exceed expectations. Exhibits ability to work well with project managers, procurement, engineering, construction, and project controls personnel.

Job Experience and Education

- Degree in an engineering, technical, or business field or minimum 7 years relevant experience required
- Experience working directly in project controls/project management/construction management required
- 5+ years project controls/project management/construction management experience highly desired

This position will require a mix of both field and office work

Some office work can be performed remotely (telework/work from home)

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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

EDGE Data Scientist – Atlanta, GA

The Data Scientist is responsible for collecting, organizing, mining, and deeply analyzing data to draw conclusions and develop insights that enable better decision-making and operational effectiveness of Southern Company Gas business units. Data scientists possess a combination of analytical skills, technical expertise, and business acumen in addition to intellectual curiosity that drives their passion to transform raw intelligence into actionable insights that produce desired business outcomes. Going beyond established analytical thinking and problem-solving, the data scientist will apply creativity to unconventional concepts and out-of-the-box solutions. Other skillsets needed in this role include a working knowledge and awareness of mathematical principles and statistics, astute ability to communicate at all levels of the organization, and the ability to monitor industry trends to position Southern Company for future growth and maturity in the data space. More specifically, this role performs data management and data analysis to track, monitor, and optimize the performance of decision-making and support of marketing initiatives.

Job Experience and Education

- Bachelor's degree in Business Analytics, Statistics (Theoretical/Computational), Applied Mathematics, MIS, Computer Science, or a related analytical field.
- MS/MBA degree, Ph.D., or progress toward Masters/Ph.D. in Business Analytics, Statistics Theoretical/ Computational), Applied Mathematics, Computer Science, Machine Learning or Artificial Intelligence preferred
- 3-5 years of professional experience in analytics, marketing, business analysis, spatial analysis. Advanced statistical and predictive modeling experience using both supervised and unsupervised modeling techniques.

Applicant may possess a combination of equivalent education and work experience

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SOUTHERN POWER COMPANY

Engineer/Engineering Analyst/Financial Analyst – Project Analysis & Market Assessment – Birmingham, AL

This position is in the Project Analysis & Market Assessment (PAMA) team within the Southern Power Company (SPC) Finance organization. The PAMA team is responsible for SPC's operating margin projections, integrated resource planning, asset data reporting, and providing structuring and analytical support for both SPC's long-term marketing and short-term asset optimization efforts.

Job Experience and Education

- Bachelor's degree in Engineering, Finance, Accounting, Economics, Business, or other related technical fields
- Work experience in one or more of the following areas is desired:
 - Wholesale/retail utility finance (including proforma & cash flow analysis)
 - Risk analysis
 - Power pool/plant economic operations
 - Wholesale product structuring and/or business development

Overnight travel is limited, typically one night per quarter

Wholesale Marketing Analyst/Engineer – Birmingham, AL

This position is in Southern Power's Commercial Optimization, Trading, and Transmission (COT&T) organization and reports to the Manager of Commercial Markets for SPC assets located in markets across the United States. This role is responsible for managing existing PPA's and providing support for new business opportunities, primarily for renewable energy. This position is also responsible for contract implementation, optimization, invoice verification, customer service, and market expertise. The analyst must understand, analyze, and effectively communicate the effects of market dynamics and market structure on the commercial terms of existing and potential PPA's.

Job Experience and Education

- Bachelor's degree in a technical or business field such as engineering, finance, economics, or equivalent
- Working knowledge of power pool production cost and dispatch, principles of financial evaluations, complex contract interpretations, real time operations, renewable generation technologies and environmental attributes of renewable projects (such as RECs) is **highly desired**.
- Knowledge of PCI software or similar settlement software is **desired**.
- Knowledge of wholesale power markets, FERC policies, transmission access (scheduling, point of delivery, curtailment) is **desired**.

Solar/Wind Renewables Engineer/Analyst - Birmingham, AL

This position manages the day-to-day operation and maintenance of renewable facilities for Southern Power Company.

Job Experience and Education

- Bachelor's degree in Engineering or Engineering Technology
- Power plant operations and maintenance
- Generation Planning or System Planning
- Asset Management
- Business Development

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Gas Plant Engineer/Analyst - Alabama

This position will function as part of the Operations & Maintenance team at Plant Franklin Combined Cycle. This position is responsible for providing day-to-day support for both the operations and maintenance teams by providing strategic guidance to the plant to support the safe, reliable, and efficient operation of critical power plant systems, components, and processes.

Job Experience and Education

- Bachelor's degree in Engineering from ABET accredited institution or 4 Year Engineering Technical Degree
- Power plant operations and maintenance of combined cycles
- Planning & Scheduling of Maintenance activities
- Contract management
- Proficiency in Maximo

Renewable Resource Engineer/Analyst - Birmingham, AL or Atlanta, GA

This position will support development and construction of renewable power projects through analysis of wind and solar resource data. Responsibilities will include project energy production estimation, technology selection, layout design, contract review, and related due diligence. The position will also lead post-construction Power Performance Measurement activities and provide technical expertise to cross-functional teams. It is expected that many of these skills will be learned on the job with training to be provided.

Job Experience and Education

- Bachelor's degree in engineering, physics, atmospheric science, mathematics, or equivalent experience
- Experience in the renewable energy industry or meteorology is desired
- Experience in development, evaluation, and implementation of solar and/or wind projects is a plus
- Experience in and/or interacting with 2 or more of the following disciplines is desired: engineering, construction, data management, applied meteorology, wind flow modeling, statistical modeling, numerical methods, GIS, project development, project design, project management, independent engineer reports, operations & maintenance, project accounting, environmental compliance, and contract negotiation.

SOUTHERN NUCLEAR

Southern Nuclear Power Plant Engineers – Various locations in Alabama and Georgia

System engineers: ensure the reliability of assigned plant systems. They solve system and component problems, provide direct technical support for operation and maintenance, and plan long term performance improvements.

Program and component engineers: direct implementation of assigned programs and work processes. Typical assignments are fire protection, Equipment Qualification, in-service inspection, in-service testing, NRC Maintenance Rule compliance, MOV/AOV/Heat Exchanger/Check valve component programs, cable monitoring, instrument & controls, flow accelerated corrosion, and/or snubber testing.

Design engineers: duties include preparation / coordination of designs, calculations, drawings, cost estimates and schedules for plant modifications and retrofits. Work involves field walk downs for constructability and some construction coordination.

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Reactor engineers: ensure the reliability of assigned plant systems. They perform fuel inspections and specifies fuel movement determinations, perform physics testing, support operations in control rod movements, conduct surveillance testing of reactor core, lead spent fuel audits, and perform reactor engineering calculations.

Digital I&C or Digital Design Engineers: Ensure configuration changes to the design of the AP1000 digital systems are high quality, budgeted, planned, scheduled, and implemented in a cost-effective manner. This position will provide Digital I&C support by preparing engineering calculations, performing engineering studies, developing cost estimates for design changes, reviewing vendor correspondence, performing conceptual design studies, performing design changes, performing design bases maintenance, performing equivalency determinations, as well as monitoring and providing technical recommendations and Long-Range Planning for assigned digital systems and components.

Cyber Security Engineers or Cyber Security Analysts: Provide technical leadership, execution, guidance, and monitoring of the Vogtle 3&4 Cyber Security Program. The Cyber Security Engineer/Analyst will also be tasked with maintaining programmatic aspects for site digital assets while interfacing with several departments including Site Security, Operations, Emergency Preparedness, and all engineering departments.

Engineers at Southern Nuclear may have opportunities to manage special projects. Also, engineers typically take key refueling outage assignments. Future developmental assignments in operations, maintenance, training, or quality assurance often prepare engineers for supervisory and management positions. Engineering assignments typically include on-call duty engineer and emergency plan response requirements.

Job Experience and Education:

- BS in Engineering or PE License required.
- A background in engineering with working knowledge of applicable discipline codes, standards and regulatory requirements related to the nuclear power industry.
- 3 years of engineering experience preferred
- Working knowledge in PWR or BWR Systems, structures and components preferred.

FULL-TIME BENEFITS

- Competitive Pay
- Excellent benefits packages which includes:
 - Medical and dental coverage
 - Defined Pension/Cash Balance Benefit Plan
 - Performance-sharing plan
 - 401(k) plan with a generous company match
 - Bonus opportunities
 - Tuition Reimbursement

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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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