



## **Southern Company Operations Student Opportunities**

**Locations:** In-person in AL and GA

**Semesters:** Summer 2024, Fall 2024, & Spring 2025

**Student Program Benefits:** Insight into the making of energy – Hands on experience working in a plant environment – Meaningful work assignments and job shadowing in areas of interest – Multiple networking opportunities with senior leaders, managers, and current interns/co-ops – Health/Dental/Life Insurance – Tuition Reimbursement – Housing assistance at manager discretion – Paid Vacation/Sick Time and more.

**Requirements:** Minimum of 2.8 (3.0 for internship positions), Commitment of 3 alternating semesters (co-op positions only) and current authorization to work in the United States.

### **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.

### **Southern Company Services – Power Delivery (Transmission)**

SCST has the responsibility of planning, operating, monitoring, and providing transmission services and applications to our Operating Companies and in support of the southeastern bulk electric system. SCST works to develop and promote Southern's positions on reliability, regulatory, critical infrastructure protection, and energy policy matters within the industry.

- **Transmission Planning** – works closely with each Operating Company and neighboring systems to ensure the timely expansion of the power system to reliably serve our customers' loads and integrate new generation resources.
- **Bulk Power Operations** – focused on the integrity and reliability of the Southern Company Bulk Electric System (BES).
- **Energy Management Systems** – Plans, develops, implements, and supports the tools associated with the operation of Southern Company's Bulk Power System.
- **Transmission Policy & Services** - Advances SCT's energy policy views through industry leadership in a broad range of legislative, regulatory, and related policy arenas.

### **Southern Power Company – Transmission**

- **Transmission** - Southern Power Company (“SPC”), a subsidiary of Southern Company, is a leading U.S. wholesale energy provider meeting the electrical needs of municipalities, electric cooperatives, investor-owned utilities and other energy customers. SPC owns 54 facilities operating in 14 states with more than 12,490 MWs of generating capacity (7.4 GW Gas and 2.4 GW Solar and 2.5 GW Wind). Provides transmission support for SPC growth, operations, and optimization. Includes exposure to different market structures ranging from RTOs to bilateral markets all across the US. Good mix of commercial, regulatory, and technical challenges.

### **Southern Company Services – Environmental & System Planning**

- **Generation Planning & Development** – Provides leadership and strategic direction for supply side technology evaluation and integration, asset valuation, asset acquisition, project development and pre-commercial asset management for the retail operating companies of Southern Company.

### **Southern Company Services – Technical Shared Services Engineering**

- **Protection & Controls Application** – performs protection, coordination, and associated studies for the transmission and distribution system.
- **Substation Engineering** - delivers quality and timely engineering solutions for electrical substation projects for our electric utility operating companies.
  - **Transmission Line Design** – delivers quality and timely engineering solutions for transmission line projects for our electric utility operating companies.
- **Electrical Design Engineering** – delivers quality, fit for purpose, and timely engineering solutions for Southern Company operating companies
- **Projects & Construction West** – manages delivery of quality and timely engineering solutions and project deliverables for fossil and hydro generation, renewable, environmental, transmission, fiber, gas, and interconnect projects within the Southern Company fleet.
- **I & C Plant Support** – Responsible for producing designs and implementing engineering solutions for the process controls and automation systems of renewable energy projects for internal customers.
- **Electrical Systems & Field Support** – Partners with generation facilities functioning as an extended staff bringing value through ownership, technical expertise, and institutional knowledge.

- **Fleet Performance & Reliability** – Provides expertise, coordination, and services to Southern’s Power Generation fleet as well as Power Delivery.
- **Environmental Solutions** – Earth Science Team Dedicated team of geologists and engineers that provides value-added consulting and specialized technical support in the areas of geology and environmental engineering.
- **Environmental Solutions** – Air Quality Team Deliver quality and timely Air Quality project support services for Generation, GAS and R&D projects across Southern Company
  - **Energy Systems Development** - Renewables group is responsible for assisting the company’s generation companies with the development, implementation, and acquisition of Wind and Solar power generation and energy storage resources.

### **Southern Company Services – Supply Chain Management**

- **Materials Coordinator** - This position is responsible for developing and managing the approach for inventory management, warehousing, logistics and asset disposition associated with SCM operations.
- **Buyer** - This position is responsible for procurement activities supporting category management strategies and business partner requirements.
- **Contract Agent** - This position is responsible for development of contracts supporting category management strategies and business partner requirements.
- **Data Analyst** - This position will use fact-based analytics and historical operations data, projected future demand, and market intelligence to empower business stakeholders through strategic recommendations and actionable insights for defined categories of spend to support our category sourcing efforts.

**We offer a competitive compensation package and relocation.**

**Southern Company is an equal opportunity employer where an applicant's qualifications are considered without regard to race, color, religion, sex, national origin, age, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or any other basis prohibited by law.**