



Southern Power Student Opportunities

Locations: In-person in Birmingham, AL

Semesters: Spring, Summer, and Fall 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.

Southern Power Company is a subsidiary of Southern Company, we are a leading U.S. wholesale energy provider meeting the electricity needs of municipalities, electric cooperatives, investor-owned utilities, and commercial and industrial customers.

Generation Support Intern/Co-Op – Data Analytics & Project Support

This position supports Southern Power's generating facilities through fleet-wide projects, data analysis, MAXIMO support, field work, engineering, and condition-based maintenance. The generating facilities, safety, remote operating center, and renewables staff are our "customers". We support their needs on a daily basis and offer additional support whenever possible.

Southern Power maintains and operates 53 facilities in 14 states with more than 12,490 MW (Megawatt) of solar, wind, storage, and natural gas generating capacity. We have personnel based in Alabama, California, Georgia, Kansas, Nevada, North Carolina, Oklahoma, Texas, and Washington with growing opportunities to place company employees in several more. This role may require travel, including air travel.

The primary location for this position is at the Southern Power Corporate headquarters in Birmingham, AL.

Candidate Qualifications

- Student in Engineering, Economics, Information Management, Data Analytics, Computer Science, or Mathematics is preferred
- A strong customer focused attitude and self-starter is needed
- Interest or knowledge of data analytics is a plus
- Strong investigative skills and good questioning skills

- Ability to communicate very well in person and in writing
- Experience with or willing to learn Power BI and SQL is a plus
- Proficiency with Microsoft TEAMS, Excel, Word, and PowerPoint is required

Commercial Optimization, Trading, and Transmission: Data Analytics Co-op/Intern

Commercial Optimization and Trading is comprised of teams that manage approximately **100** Power Purchase Agreements with over **\$1B** in annual PPA revenues, participate in wholesale energy trading, and engage in market policy. The Market teams manage contracts and more than **50** customer relationships for a variety of contract types covering a fleet of natural gas, solar, and wind assets. The Trading Team is responsible optimizing wholesale trading of generation for a subset of our wind and gas assets in the national wholesale markets. The Data Analytics team is responsible for providing accurate and timely data to support key decision-making as well as internal and external reporting.

The primary location for this position is at the Southern Power Corporate headquarters in Birmingham, AL.

Candidate Qualifications

- Student in Information Management, Data Analytics, Computer Science, Mathematics, or Engineering interested in data analytics
- Strong investigative skills as it relates to data acquisition and analysis
- Ability to communicate very well in person and in writing
- Experience with or willing to learn Power BI and SQL
- Proficiency with Microsoft Excel, Microsoft Word, and Microsoft PowerPoint

Responsibilities

- Support data needs associated with wholesale energy trading and power purchase agreements
- Data mine for performance and revenue impacting information
- Develop reports
- Create user documentation
- Document and perform test procedures
- Validate data
- Participate in technology initiatives that are designed to improve processes and procedures

Operations Technician Co-op

Plant E.B. Harris Generating Facility, a combined cycle plant located in Prattville, AL, is currently seeking candidates for the position of Operations Technician Co-op starting Spring 2024. The selected candidate for this position will be responsible for learning about operating and maintaining a combined cycle power plant.

JOB SUMMARY

This position will be responsible for shadowing and learning about the operations of combined cycle units, monitoring, troubleshooting, performing maintenance and repair of all electrical & mechanical power plant equipment. The intern will learn about multi-craft positions that have the responsibility of performing various other duties; these include project management and system ownership assignments.

Knowledge, Skills & Abilities

Strong electrical & mechanical aptitude is required. Experience in troubleshooting and repairing electrical & mechanical equipment is preferred. General proficiency in using computer applications, i.e. Microsoft Office products is required. Experience in Maximo work order management system is a plus.

Behavioral Attributes

This position requires excellent communication, problem solving skills, and participation in a team-oriented environment. An Operations Technician Intern must have the ability to handle complex and high-pressure situations.

An Operations Technician Intern must be a self-starter.

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.