

The Southern Company co-op program is designed to give hands-on experience to talented undergraduates in the areas of Engineering, Business, and Computer Science. With the diverse areas of work, and the depth of in-house experience from which to learn, we feel that we offer some of the most exciting co-op work experiences available anywhere.

Southern Company has opportunities for students in a wide variety of areas. Some of these areas include: Power Generation - Students will assist engineers in our generating plants (fossil fuel and nuclear) Power Delivery - Students will assist engineers in the design of electrical systems to deliver power to Southern Company's many customers. Marketing, Accounting and Finance - Students will work in teams identifying issues and strategies, performing quantitative analysis and valuations, creating recommendations and execution of business plans for new and existing projects. Information Technology - Students gain experience in trouble shooting, networking, and designing computer applications.

Not only do we offer valuable, exciting work experience but we also offer great benefits:

- * Great work locations
- * Competitive Salaries
- * Paid Holidays
- * Paid Vacations
- * Paid Sick Leave
- * Health and Life Insurance
- * Educational Assistance
- * Accumulated Service Time

In order to qualify for a co-op position at Southern Company, students must be: Enrolled in the Cooperative Education Program at their college or university, Authorized to work in the U.S., Maintain a 2.5/4.0 GPA, and willing to work at least 3 alternating semesters.

A listing of positions follows.

Interested students can submit their resume and a copy of their transcript (an unofficial transcript is acceptable) to:

Email:

lmhackne@southernco.com

Fax:

Attention: Michelle Hackney
404-506-0455

Mail:

Michelle Hackney
270 Peachtree Street
Bin 951
Atlanta, A 30303

Southern Company
Spring 06 and Summer 06 Co-op Vacancies

Southern Company Services, a subsidiary of Southern Company, provides support in engineering, power coordination, power generation, system planning, fuel services, research and environmental affairs, human resources, finance and accounting, information resources, marketing, wholesale power marketing and transmission planning and operations. Southern Company (NYSE: SO) is a super-regional energy company with more than 32,000 megawatts of electric generating capacity in the Southeast. It is one of the largest producers of electricity in the U.S. Southern Company is the parent firm of Alabama Power, Georgia Power, Gulf Power, Mississippi Power, Savannah Electric, Southern Nuclear, Southern Company Generation and Energy Marketing, Southern Company Energy Solutions, Southern LINC and Southern Telecom. Southern Company brands are synonymous with excellent customer service, high reliability, and prices that are 15 percent below the national average.

Southern Company Co-op Program Requirements:

- 3 alternating semesters
- minimum 2.5 GPA
- US Citizen or Permanent Resident

DISTRIBUTION

Georgia Power Company - Atlanta, GA. – 2 positions spring 2006; 2 positions summer 2006

Major: Electrical, Mechanical, or Industrial Engineering or Engineering Technology

The Co-op student will learn to design, estimate, and construct an electrical distribution system. The student will also work with customers to provide electrical service. In addition the students will experience the operation and construction of high voltage transmission lines as well as the operation of complex substations. Students will be trained in rules and regulations regarding electric pricing design and have direct interaction with customers to develop energy solutions. The student will also experience working with other departments in a large electric utility.

DISTRIBUTION PLANNING

Alabama Power- Birmingham, AL - 1 position summer 2006

Major: Electrical Engineering

The Distribution Planning process includes studying and analyzing the Alabama Power electrical distribution system through the use of computers. An Electrical Engineering student with a strong background in computer software (Microsoft: Word, Excel and Access) is strongly suggested. Responsibilities include: Support Field Operations, Learn CYMDIST in order to post changes shown on completed WE drawings (where SEGIS is not available), enter Substation and Feeder Demands, enter load growth values, look up and enter spot load values, do LF & FC calculations, and documenting all problems found that do not meet the planning criteria, Record substation demands to the Excel Substation Loading spreadsheets, Learn and use SCADA tools, SMR and SEGIS., Learn the SEGIS to CYME conversion process, Learn WEBFG and other software, Follow all safety procedures outlined by the Company and the PD Planning Dept.

ENGINEERING

Southern Nuclear - Birmingham, AL – 3 positions spring 2006 – 2 positions summer 2006

Major: Mechanical, Electrical, Civil, Nuclear, Chemical, or Industrial Engineering

Responsibilities will vary consistent with the individual's field of study and with their level of experience. Typical responsibilities include preparing or supporting the preparation of design calculations, detailed designs for system upgrades or replacements, engineering studies to determine best solution to problems at the plants, or field inspections and testing. The work may include responding to emerging issues that challenge plant operation, evaluating nuclear licensing issues and supporting the interface with the Nuclear Regulatory Commission. Short trips to one or more of the system nuclear plants is typically required. A beginning co-op will be assigned tasks that allow them to become more familiar with design drawings, databases, tools and procedures, with plant systems, and with nuclear codes and standards. As the individual develops, they will be assigned more complicated tasks up to and including the performance of design, engineering studies, and plant outage support.

ENGINEERING AND CONSTRUCTION SERVICES:

Southern Company –

Atlanta, GA (Civil) 1 position- Spring 2006; 1 position – Summer 2006

Birmingham, AL (Civil) 2 positions - Spring 2006; 2 positions – Summer 2006 (**Electrical**) 1 position- Spring 2006; 1 position – Summer 2006 (**Mechanical**) 1 position- Spring 2006; 1 position – Summer 2006

Majors: Civil, Mechanical or Electrical Engineering

Engineering and Construction Services offers technical consulting, and operational support for more than 270 generating units. Co-ops in E & CS will work with engineers on new plant design projects including fossil-fuel plants, hydroelectric plants and nuclear plants. Co-ops may also work with combined-cycle plant design, construction services, and combustion and gas turbine design and operation. Other responsibilities may include working with Plant support services including testing, environmental, operation and maintenance and engineer consulting services.

ENGINEERING AND OPERATIONS:

Southern Linc – Birmingham, AL – 1 position spring 2006; 1 position summer 2006

Major: Wireless Engineering

The E&O department at Southern LINC is responsible for all aspects of system design, implementation, operation, and maintenance of our Wireless Network. These systems include RF planning and design, EBTS site operation, Network Infrastructure design, and MSO operation. Southern LINC operates a Motorola iDEN system in 4 states in the southeast including all or portions Georgia, Alabama, Mississippi and Florida, an area of approximately 127,000 square miles. The candidate will support some or all aspects of system design, implementation, operation, and maintenance as needed by the responsible department managers. The successful candidate will be given the opportunity to contribute to the goals of the Southern LINC E&O department by hands on training and application.

FINANCIAL PLANNING AND ANALYSIS ANALYTICAL SUPPORT

Southern Company - Atlanta, GA, 2 positions- Spring 2006; 2 positions – summer 2006

Major: Finance, Accounting, or Management

Financial Planning and Analysis provides proactive communication on financial issues and effective input on financial decisions to the Vice President of Finance and Chief Financial Officer of Southern Company. They provide support in the development, coordination, management and communication of the Southern Company Strategy and related initiatives while delivering, maintaining and communicating the five-year Financial Plan for the Southern Company. FP&A also provides decision support and other analytical services to Southern Company management, operating subsidiary management and functional management. The successful candidate will assist in the monthly consolidation of subsidiary company financial forecasts and development of the Southern Company financial plan. This position lends support to efforts involving the annual rating agency meetings, development and maintenance of financial models and report templates, ad hoc financial analysis and competitive intelligence.

Student should have Strong knowledge of Excel (VBA a plus), Word, PowerPoint and Adobe Acrobat, be able to multi-task and handle overlapping priorities and requests. Student should also be able to communicate with all levels of management and have a strong understanding of finance and accounting concepts.

FINANCIAL PLANNING AND ANALYSIS TECHNICAL SUPPORT

Southern Company - Atlanta, GA, 1 position- Spring 2006; 1 position – Summer 2006

Major: All Engineering Majors, Management, Finance, Math, or Computer Science

This organization maintains financial projections for Southern Company. They also analyze impacts on Southern Company including mergers and acquisitions, corporate goal development, and financial reporting. The co-op student helps develop, maintain, and support financial forecasting and economic evaluation applications that are used internally through Southern Company. They assist senior staff in supporting and using financial models and support applications used within the organization. Projects to be completed could include the maintenance and/or documentation of existing applications and the design and development of new applications. Knowledge of the Microsoft Office suite, Visual Basic, Visual Basic for Applications, and C++ is desirable. Strong technical skills, analysis and problem solving skills, oral and written communication skills, and a willingness to learn are also desirable.

INTERNAL AUDITING

Southern Company Services – Atlanta, GA – 1 position – 1 spring 2006 and summer 2006

Major: Accounting or Business Management with strong focus in Accounting

This position is accountable for assisting in conducting routine and limited non-routine reviews of assigned organizational and functional activities. These audit accomplish an independent appraisal of an organizational activity with regard to the adequacy and effectiveness of internal controls, the adherence to Company Management Procedures, and the effectiveness with which the activity's operations are carried out. The Co-op's duties will consist of assisting in reviewing documents, gathering and verifying information, organizing data, testing controls/procedures and verifying reports.

At a minimum, course work in Intermediate Accounting must be completed. Other preferred skills include strong analytical abilities, effective interpersonal, oral and written skills in both an audit client environment, and in an auditing team setting; ability to process multiple tasks; PC literate (Microsoft Word and Excel, etc.) or at a minimum a quick study.

PLANT/NUCLEAR OPERATIONS

Southern Nuclear – Plant Vogtle - Waynesboro, GA- 3 positions spring 2006 ; 4 positions summer 2006 – 6 positions fall 2006

Plant Hatch – Baxley, GA 2 positions spring 2006; 5 positions summer 2006; 6 positions fall 2006 – **Plant Farley** – Dothan AL, 2 positions spring 2006- 5 positions summer 2006 – 5 positions fall 2006

Major: Electrical, Nuclear, Chemical and Mechanical

(Min. 3.0 GPA)

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. He or she 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. Other duties may include working with chemical make-up of water in particular areas of the process

PLANT OPERATIONS

Georgia Power – Plant Bowen *1 position spring 2006; 1 position summer 2006* – **Plant Yates** *1 position summer 2006* – **Plant Wansley** *1 position Spring 2006* – **Plant Scherer** *1 position spring 2006, 1 position summer 2006*

Alabama Power – Plant Barry *1 position spring 2006; 1 position summer 2006* – **Plant Miller** *1 position spring 2006; 1 position summer 2006* – **Plant Gaston** *1 position spring 2006; 1 position summer 2006*

Mississippi Power – Plant Watson *1 position spring 2006; 1 position summer 2006* – **Plant Daniel** *1 position spring 2006; 1 position summer 2006*

Majors: Mechanical Engineering or Electrical Engineering

Co-op responsibilities include engineering related projects such as installation, calibration and performing inspections on equipment. Students 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) and taking vibration and meter readings for performance data. Duties also include interpreting and maintaining blueprints, diagrams and plant system drawings, use of AutoCAD and participating in equipment testing and addressing corrective, preventive and predictive maintenance issues in electrical and mechanical areas.

PORTFOLIO MANAGEMENT

Southern Company Services – Birmingham, AL *1 position-Spring 2006*

Major: Finance, Economics, Engineering and Mathematics

The Portfolio Management Department is involved with many activities within GEM. Our main focus is developing appropriate trading and bilateral strategies consistent with GEM's growth strategy and risk profile in order to manage Southern Company's physical and financial positions. Our activities Include: Continuous evaluation and management of all short term positions (power, transmission, gas, etc), consolidated position reporting, risk identification and mitigation, development of trading and bilateral strategies, ensuring deal consistency, development and management of a consolidated GEM risk book of all forward positions, resources, and obligations, and product development. Coop job responsibilities include: spreadsheet (Excel) and database (Access) development and maintenance, data analysis and reporting (Excel and Power point), interaction with multiple entities for collecting information, and special projects. Coop skill set: extensive computer program skills, familiarity with financial and economic market concepts, excellent interpersonal skills, thrive in fast-paced, challenging environment, and self-starter/self-motivated.

POWER DELIVERY/REGION OPERATIONS

Alabama Power Company –Gadsden, AL – *1 position – spring 2006* – **Clanton, AL** *1 position – spring 2006; 1 position summer 2006*

Mississippi Power Company – Meridian, MS *1 position- Spring 2006;* - **Gulfport, MS** *2 positions- Spring 2006;*

Major: Electrical Engineering (MPC – open to any engineering discipline)

Responsibilities include assisting engineers with design and all other phases of field projects; 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 checking and closing out jobs; and in general, providing support for engineers in the Power Delivery Department and region offices. Computer data entry related to the counting of environmental and effluent samples; and help out in other areas of the lab during heavy sample periods. A self-starter and thinker, someone who can complete projects with little direction, and a team player is desirable.

PRICING AND RATES

Georgia Power Company – Atlanta, GA *1 position spring 2006*

Majors: Economics, Finance, or Engineering

Be a part of an exciting era in the Pricing and Rates department of Georgia Power Company. Georgia Power is established as an industry leader in innovative pricing and rate design. Competition and rising fuel and environmental costs are pushing the electric utility industry through an evolution of change. Explore the opportunity for personal growth and valued experience by learning the basics of pricing and administering our products. Responsibilities include: Assist in design, application, and administration of Georgia Power's Pricing and Rates' Products. Monitor Customer Notification System involving GPC's interruptible tariffs. This includes customer interaction, problem solving, and use of PC based notification software. Perform rate analyses and presentations for GPC Key Account Managers and Sales personnel. Extensive computer work utilizing various software applications; Including Excel, Access, PowerPoint, Word, and specific load analyzing software. Perform rate surveys for national utility reporting organizations. Research and generate reports for The Georgia Public Service Commission and internal GPC needs.

TRANSMISSION PLANNING

Southern Company Services – Birmingham, AL, *1 position-Spring 2006*

Major: Electrical Engineering

Job responsibilities include providing computer-programming support (Python, Visual Basic, Excel, etc.) to the department and providing graphical support on AutoCAD. The student will also assist in developing report and presentation material using EXCEL, WORD and Power Point. The student will become involved in performing transmission planning studies using the PSS/E load flow program and other analysis tools based on experience gained on the job and through school coursework. The student will be assigned responsibilities to both challenge them and to provide experience in actual transmission planning work.