

Southern Company

Transmission Function Employee Job Titles and Descriptions

Bulk Power Operations

General Manager – Provides overall leadership and direction for Bulk Power Operations including responsibilities for control area functions, system reliability, and security coordination for SERC.

System Operations Manager – Manages overall responsibilities for Bulk Power Operations including overseeing the activities of the interchange, reliability, generation, scheduling and post analysis coordinators, and security coordination. This role may also oversee system development, implementation, and maintenance and data integrity.

Operations Compliance Assurance Manager – Manages the development of reliability standards, reporting and compliance for all NERC and NAESB activities.

System Operations Manager – Interchange Authority -This position is responsible for managing and providing direction to the Interchange Desk, the Open Access Same Time Information System (OASIS) administrator, E-tag specialist, and the Data Integrity Team in the Power Coordination Center. These include coordination of schedule energy transactions into and out of the Southern Balancing Authority Area while meeting NERC interchange scheduling standards, NAESB Business Practices, and insuring the reliability of the Southern Balancing Authority Area.

Transmission Control Center Supervisor- Leads and coordinates the safe and reliable operation of the Transmission System which includes real-time monitoring of the transmission system, dispatching field personnel, coordinating restoration efforts, writing and issuing switching orders.

Transmission Compliance Manager – Responsible for managing Gulf Power and Mississippi Power Transmission's involvement with North American Electric Reliability Corporation (NERC), SERC Reliability Corporation, and other reliability based standards organizations. Provide organization leadership in the form of guidance, training, and assurance for regulatory reliability compliance requirements.

System Operations Supervisors – Supervises the collection and verification of data for activities of the interchange, reliability, generation, scheduling and post analysis coordinators, security coordination and after-the-fact checkout.

Operations Training Manager- Manages training for accreditation and certification for bulk power operators.

Reliability Coordination Manager- Manages the security coordination for the Southern sub-region of SERC.

System Operators- Performs activities of Interchange Coordinators, Generation Coordinators, and operating Interchange Distribution Calculator.

Power System Coordinators- Coordinates real-time operations of transmission system.

Engineer- Develops, implements and maintains real-time voltage stability tools and other related special projects. Performs the studies for the operation planning business associated with calculating, evaluating and posting all associated data requirements for OASIS while ensuring reliability.

Engineering Specialist/Operating Analyst- Performs the studies for the operation planning business associated with calculating, evaluating and posting all associated data requirements for OASIS while ensuring reliability. Also performs studies for VAST studies, outage requests for company control centers, and tie lines with neighboring utilities.

Reliability Standards Project Manager - Reviews reliability standards, participates in industry wide initiatives and assists in compliance reporting.

OASIS Administrator - The position is accountable for the proper administration and operation of the Southern Company Open Access Same-time Information System (OASIS). This includes monitoring and overall coordination of Transmission Service Requests made on the Southern Company OASIS, and coordination of the utilization of transmission service to meet the Transmission Service Provider obligations defined on the Southern Company's Open Access Transmission Tariff (OATT).

Project Coordinator – Assess and document Bulk Power Operations compliance with regulatory reliability standards along with business recovery, document management and emergency communications.

Project Managers – Leads and coordinates the studies for the operation planning business associated with calculating, evaluating and posting all associated requirement for OASIS while ensuring reliability.

Coop, Intern, Temporary- Engineering students or other temporary employees who assist with projects as needed.

Transmission Planning

Transmission Planning General Manager- Provides leadership and direction for long term planning of the Bulk Electric system. Oversight of transmission and interconnection service request studies along with transmission utilization studies. Directs integration of transmission expansion plans and manages special studies such as stability, interface analysis, etc.

Transmission Planning Managers- Manages planning studies to define the transmission needs of the operating companies.

Engineer- Conducts planning studies of Southern Company's transmission system and special studies such as stability, reliability, interface analysis, and transmission service requests needs.

System Planning Specialist- Assists in performing transmission planning studies. Provides budget and technology coordination services and prepares FERC and EIA annual data filings.

Project Manager- Coordinates and performs planning studies required in response to generator interconnection and transmission service requests or needs of the operating companies.

Interconnections and Special Studies Manager- Leads and directs planning studies to define bulk transmission needs of Southern Company and conduct special studies such as stability, reliability, interface analysis, and transmission service requests needs.

Planning Manager- Leads and directs planning studies to define the transmission needs of the operating companies along with planning studies of Southern Company's transmission system and special studies such as stability, reliability, interface analysis, and transmission service requests needs.

Coop, Intern, Temporary- Engineering students or other temporary employees who assist with projects as needed.

Transmission Policy & Services

General Manager- Manages all aspects of transmission policy activities for Southern Company Transmission involving development of policy positions and responses to regulatory and legislative initiatives.

Transmission Services Manager - Coordinates regulatory filings, negotiation of contracts and other activities related to the provision of transmission service under Southern Company's Open Access Transmission **Tariff (OATT)**.

Project Manager- Provides overall coordination of the transmission service request process, summaries for FERC decisions and other activities under the Southern Company's Open Access Transmission Tariff (OATT).

Interconnection Project Manager- Provides overall coordination of the interconnection request process, summaries for FERC decisions and other activities under the Southern Company's Open Access Transmission Tariff (OATT).

Engineer - Provides engineering support for negotiating/developing agreements, FERC summaries and other activities under the Southern Company's Open Access Transmission Tariff (OATT).

Contract and Engineering Analyst- Provides engineering support for negotiating/developing agreements, FERC summaries and other activities under the Southern Company's Open Access Transmission Tariff (OATT).

Operating Company Control Centers

Transmission Interconnection & Operations General Manager- Provides leadership and direction for the Control Center in the real-time operations of the transmission system and transmission customer service in the interconnection of both customer loads and generation projects for the transmission system.

System Operations Manager – Provides leadership and direction for the Control Center in the real-time operations and operations planning of the transmission system.

Transmission Control Center Supervisor- Leads and coordinates the safe and reliable operation of the Transmission System which includes real-time monitoring of the

transmission system, dispatching field personnel, coordinating restoration efforts, writing and issuing switching orders.

Project Manager – Provides daily technical leadership for the real time operations and operations planning of the transmission system. The position also supports the training of System Operators.

Control Center Support/Security Manager- Provides daily leadership, management, and support to the System Operations Desk, Operations Planning, and the Real-Time Operations Support. This position is responsible for supporting the real-time operation of the transmission system, which includes evaluating and approving outage requests to ensure system reliability is maintained when taking equipment out of service.

Control Center/System Operations Manager- Provides daily leadership, management, and support to the Transmission Control Center Supervisors responsible for the Transmission Area Desks, the Reservoir Operations Desk, and System Operations Training. This position is responsible for the safe and reliable operation of the Transmission System which includes real-time monitoring of the transmission system, dispatching field personnel, coordinating restoration efforts, writing and issuing switching orders, and operating hydro resources

Control Center/System Operations Support Supervisor- Leads and directs the Transmission Area Desks, the Reservoir Operations Desk, and System Operations Training. This position is responsible for the safe and reliable operation of the Transmission System which includes real-time monitoring of the transmission system, dispatching field personnel, coordinating restoration efforts, writing and issuing switching orders, and operating hydro resources.

Reservoir Operations Supervisor- Directs and coordinates generation and spillway discharges of Alabama Power hydroelectric facilities and provides leadership for the Alabama Control Center Hydro desk.

Power System Coordinator- Coordinates real-time operations of transmission system

Engineers/Transmission Analyst- Provides technical support and analytical support in monitoring and operating the real-time transmission system.

Substation Operator/Specialist- Responsible for prearranged maintenance scheduling, transmission operations, transmission restoration, or substation operations.