



List of Transmission Function Positions

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COMPLIANCE MGR (ED)

Number of Positions: 1

Provides leadership in all areas of the Electric Delivery (ED) and Energy Supply (ES) Compliance program and the NERC Operations and Planning (O&P) Compliance, directing all such activities. Oversees all regulatory activities related to the Florida Public Service Commission, OSHA, National Electric Code (NEC), Federal Energy Regulatory Commission (FERC), North American Electric Reliability Corporation (NERC), and Florida Reliability Coordinating Council (FRCC) O&P standards and develops and implements Tampa Electric Company's (TEC's) Compliance Program for these standards. Reviews, provides recommendations for, and coordinates TEC's position on all proposed new FERC, NERC and FRCC O&P standards affecting TEC. Completes special assignments as assigned by Director, Grid Operations and Planning.

DIR ENERGY CONTROL CENTER

Number of Positions: 1

Senior level management position reporting to the Vice President, Electric Delivery. Responsible for directing all activities and controlling all resources assigned to the Electric Transmission function including the engineering, construction, operation, maintenance and billing of the transmission system. Also responsible for Tampa Electric Company's hourly and daily generation dispatch, balancing area operation, controlling operational demand side management programs, and Tampa Electric's response to system disturbances and outages. Manages the operational coordination with all other utilities in the FRCC region. In addition, this Director is responsible for system operation and service restoration of all electrical distribution facilities owned and/or operated by Tampa Electric. The Director is responsible for all aspects of the department's operation and is accountable for ensuring adherence to all company policies and operating requirements. This position is responsible for overseeing delivery of reliable electric service to approximately 730,000 customers in a safe and compliant manner.

DIR TARIFFS COMPLIANCE & FRCC RELATIONS

Number of Positions: 1

This position is a senior level management position reporting to the Vice President, Energy Delivery. It is responsible for overseeing all activities related to the TECO Transmission system and TECO's interconnected Operations; for developing and implementing Tampa Electric's Compliance program for FERC, NERC and FRCC standards; and to review, provide recommendations and coordinate TEC position on all proposed new NERC and FRCC standards affecting Energy Delivery and Energy Supply. Also has responsibility for implementation and administration of the Tampa Electric Open Access Transmission Tariff (OATT) and all Transmission contracts and the administration of the entire generator interconnection process and the processing of all transmission service requests including, interconnection studies and negotiating interconnection agreements with Transmission customers. Manages the operational and planning coordination with all other utilities in the state of Florida.

ENERGY SYSTEM OPERATOR

Number of Positions: 11

The Energy System Operator position consists of three general functions: Transmission, Generation, and Interchange. Within each of these functions, the Energy System Operator has the authority to take the appropriate actions to ensure the stable and reliable operations of the Bulk Electric System, up to and including the shedding of firm load. The Transmission function involves monitoring, taking appropriate action and directing the switching/clearances on lines of 69KV voltage and above. The Generation function involves balancing resources to the load. The Interchange function involves arranging, scheduling, monitoring and accounting for all interchange transactions. The Interchange function also is responsible for evaluating and approving transmission requests. All functions require directing the activities of other TEC personnel. The Energy System Operator position requires the incumbent to be able to successfully perform all three functions (transmission, generation, and interchange). The Energy System Operator performs all of these functions in compliance with NERC and FRCC Standards.

ENGINEER ASSOCIATE

Number of Positions: 1

Responsible for maintaining TEC transmission system load flow computer models, supporting databases, planning models, and technical support for decisions regarding transmission and distribution system expansion. Plans, coordinates, and implements weekly updates to the production models. The position is also responsible for technical studies, Grid Operations support, and support for compliance activities.

ENGINEER II

Number of Positions: 1

Responsible for the development of the Electric Delivery Five and Ten- Year Construction Program for the Tampa Electric system including both transmission and distribution as required. The position is also responsible for technical studies and support for service to large spot loads, the annual reactive power study for assigned service areas and support for compliance activities as needed. This position completes studies and documentation to support Tampa Electric compliance activities. This position is responsible for completing studies and documentation for transmission and generation

ENGINEER II

Number of Positions: 1

Responsible for the development of the Electric Delivery Five and Ten- Year Construction Program for the Tampa Electric system including both transmission and distribution as required. The position is also responsible for technical studies and support for service to large spot loads, the annual reactive power study for assigned service areas and support for compliance activities as needed.

GRID OPS NEXT DAY OPERATIONS ANALYST

Number of Positions: 1

This position provides support for Tampa Electric Company’s System Operations, Transmission and Substation groups. This position is responsible for performing operations studies for planned and unplanned outage requests and for issuing switching instruction implemented by the System Operators. This position evaluates and coordinates outage requests with various groups including Transmission, Substation, Telecommunication, and neighboring utilities. Evaluation and coordination, support and assistance include conducting system studies, collecting data, performing calculations, creating documentation, and performing analyses for outage planning in the operating horizon (less than one year). Additionally, this position has operational responsibilities for insuring metering accuracy on the Energy Accounting System, load forecasting as well as technical and general support for the development of the Five and Ten-Year Transmission Construction Program.

MGR GRID OPERATIONS

Number of Positions: 1

The Manager, Grid Operations is responsible for managing the Tampa Electric Company’s system operations team to ensure the safe, efficient, and reliable dispatch of Tampa Electric’s generation and transmission systems. This position is also responsible for compliance with NERC reliability rules and the reliable operation of associated network applications.

MGR SYSTEM PLANNING

Number of Positions: 1

This position is responsible for planning the expansion of the bulk transmission, sub-transmission, and distribution systems for Tampa Electric’s Electric Delivery organization. This position is also responsible for the successful completion, in terms of budget, schedule and scope, of major bulk transmission, sub-transmission, and distribution capital projects.

MGR UNIT COMMITMENT

Number of Positions: 1

Provides leadership in all areas of the Electric Delivery (ED) and Energy Supply (ES) Compliance program and the NERC Operations and Planning (O&P) Compliance, directing all such activities. Oversees all regulatory activities related to the Florida Public Service Commission, OSHA, National Electric Code (NEC), Federal Energy Regulatory Commission (FERC), North American Electric Reliability Corporation (NERC), and Florida Reliability Coordinating Council (FRCC) O&P standards and develops and implements Tampa Electric Company’s (TEC’s) Compliance Program for these standards. Reviews, provides recommendations for, and coordinates TEC’s position on all proposed new FERC, NERC and FRCC O&P standards affecting TEC. Completes special assignments as assigned by Director, Grid Operations and Planning.

PRINCIPAL ENGINEER

Number of Positions: 1

This position is part of a team that creates and publishes the 5 and 10- year Electric Delivery Transmission Construction Plans. This position conducts annual transmission planning studies to support the Tampa Electric capital construction program. This position completes studies and documentation to support Tampa Electric compliance activities. This position is responsible for completing studies and documentation for transmission and generation interconnections studies. This position may serve and represent Tampa Electric on various industry committees.

PRINCIPAL ENGINEER

Number of Positions: 1

The Senior Consulting Engineer is responsible for ensuring a safe, secure and reliable operation of the transmission system and is responsible for reliable operation of the network applications: Reliability Data Link, EMS Model Update, State Estimator, and Real Time Contingency Analysis.

SENIOR ENGINEER

Number of Positions: 3

Responsible for the development of the Electric Delivery Five and Ten- Year Construction Program for the Tampa Electric system including both transmission and distribution as required. The position is also responsible for technical studies and support for service to large spot loads, the annual reactive power study for assigned service areas and support for compliance activities as needed.

SENIOR ENGINEER

Number of Positions: 1

Responsible for maintaining TEC transmission system load flow computer models, supporting databases, planning models, and technical support for decisions regarding transmission and distribution system expansion. Plans, coordinates, and implements weekly updates to the production models. The position is also responsible for technical studies, Grid Operations support, and support for compliance activities.

SENIOR ENGINEER

Number of Positions: 1

Responsible for developing and maintaining all corporate documentation including processes, procedures and agreements, associated with compliance to all NERC, and FRCC reliability standards and guidelines. Responsibilities include NERC and FRCC submissions, self-certifications, and audits activities related to Grid Operations.

SENIOR ENGINEER

Number of Positions: 1

SUPVR ESO

Number of Positions: 1

Provide leadership to ensure safe, efficient and cost-effective operation and restoration of Tampa Electric's Transmission System, the hourly, daily and weekend unit commitment and economic dispatch of TEC's generating assets. Assist in Grid Operation's activities to ensure compliance with NERC and FERC standards. Provide oversight, development, and coaching of the Energy System Operators (ESOs). Establish and maintain an effective and positive culture of safety awareness at Grid Operations.

TRAINER ESO

Number of Positions: 1

The Trainer ESO is responsible for providing the initial training and continuing education of Tampa Electric's Energy System Operators (ESOs). The primary goal of this role is to ensure that ESOs have the requisite skills, knowledge, and certifications to operate the Tampa Electric System safely and reliably, while adhering to all NERC Reliability Standards. The Trainer is responsible for continued assessment and development of the training program including creation of training scenarios for a Dispatch Training Simulator, identifying and selecting instructors, facilitating continuing education classes, applying and obtaining approval for NERC certification for courses, and documenting ESO progress and training records. This position must also keep up to date with changing NERC and FRCC policies, as well as technology changes affecting the ESO, to develop training prior to the changes being implemented.