

# **FERC STANDARDS OF CONDUCT COMPLIANCE**

## **Job Titles and Job Descriptions of Transmission Function Employees**

### **Transmission Function Employees**

#### **Business Analysts,**

TDBU Business Analysts gather, document, analyze, and draw conclusions on complex data and information after considering alternatives through independent research and analysis. They plan all aspects of analyses, presentations, and implementation strategies for a moderate to complex analysis. They are responsible for implementation of selected recommendations. They are knowledgeable about sources of data and resources available to access information, and are accountable for the accuracy and integrity of findings and recommendations. They develop, review drafts of, and assist or make presentations to corporate officers, department and division management, section supervision, and other interested parties.

#### **Construction/Material Coordinators**

Typical responsibilities include: resolve Work Order issues; pre- fielding work; unitize Work Orders; complete status reports; work in a support role to coordinate multiple projects; evaluate project status and institute changes as needed to maximize crew efficiency; perform inspection & analyses of customer installations to meet construction standards, G.O. 95 and G.O. 128 standards, and applicable construction methods and safe work practices. Finalize job site readiness as necessary; consult with customers, contractor construction field forces and coordinate material and equipment staging and/or delivery to meet project start work dates as instructed by the Project General Supervisor. Analyze line and equipment needs and generate requests to clear lines equipment and coordinate related customer outages as needed for contractor support; review material shipping and receiving dates and make adjustments as needed to meet project goals. Consult with planning staff, as needed or requested to ensure design and materials meet project goals; perform on-line scheduling activities in support of scheduling supervisor on an as-needed basis for contractor or district.

#### **Directors**

Directors who are identified as Transmission Function Employees (TFEs) are executive, high-level management positions at Southern California Edison. Directors provide management, direction, oversight and leadership for their respective business groups.

#### **Distribution Apparatus Technicians**

Responsible for distribution feeder equipment such as field capacitors and controls, remote control switches, automatic reclosers, and distribution automation equipment.

#### **Drafting Technicians**

Typical responsibilities include: prepare the telecommunication cable maps for work order packages; revise and update area study maps; plan and profile for permitting issues for Railroad crossings, flood control, and freeway crossings. Perform on-line data entry and updates; communicate and correspond with internal and external customers regarding status of projects.

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### **Electrical Apparatus Test Technicians**

Handles the maintenance, commissioning, and testing of substation protection and controls equipment

### **Engineers**

Responsible for planning, engineering, designing, and managing transmission, substation and distribution on SCE's network. Engineering also provides all system planning, network engineering. Responsible for: the engineering design of all electrical facilities, transmission and substation engineering projects, civil/structural engineering, development of design standards and criteria, equipment specifications, testing and acceptance, and monitor the performance of equipment in service.

### **Foremen Distribution Apparatus**

Distribution apparatus foremen and distribution apparatus technicians are responsible for distribution feeder equipment such as field capacitors and controls, remote control switches, automatic reclosers, and distribution automation equipment.

### **Managers**

Managers who are identified as TFEs manage diverse and/or specialized disciplines or functions which have operational or financial impact on the Company. They manage significant financial and employee resources, with heavy organizational influence, and assure that strategies from high-level management are carried out. They develop medium- to long-term business plans and objectives for the organization, and contribute to the development of departmental business plans and corporate objectives. They provide management and strategic direction to a project team and are responsible for the project development, budget and schedule. They Establish goals, negotiate, and develop project plans.

### **Mapping Technicians**

Mapping Technicians are responsible for maintaining a series of maps depicting the location and description of our electrical and telecommunication facilities. The primary sources of map changes are completed new business and maintenance work order maps. The mapping predominately takes place at the end of the work order process flow. These maps depict land base features such as property lines, rights of ways, and political boundaries including *ad valorem* and franchise tax rate areas.

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### **Mechanic Structural System Operators**

Mechanic Structural System Operators are responsible for the monitoring, control, and operation of SCE's transmission, distribution, and substation systems. The activities performed by System Operators and Substation Operators are critical to the operation of the electric system, both during normal conditions and while restoring service to our customers during a storm or any other type of interruption. These personnel coordinate the activities of the field crews responding to circuit interruptions, isolating trouble, and switching circuits to restore service. They also direct switching activities for routine maintenance and construction of lines and equipment.

### **Planners (Power Systems)**

Power Systems Planners perform and review assignments in specialized areas or in unique areas where engineering or analytical precedents are incomplete or lacking. They direct or perform engineering or analytical tasks associated with a critical or analytical project or a number of small projects with many complex features. They serve as senior staff experts for the organization in a specific area of responsibility. They assist management in providing leadership, direction, training, and counseling to staff.

### **Power System Operations Specialists**

Power System Operations Specialists perform analyses, coordinate the electric system operation, develop recommendations, and may provide consulting to address problems that may cross organizational boundaries and require thorough operational knowledge to resolve. They supervise, implement, and/or lead specialized operational projects, tasks, or work groups to solve critical operational problems. They negotiate with management to obtain resources and finalize implementation schedules. They work directly with the ISO regarding outages, schedules and adjustments. They solve problems and take the lead on resolving disputes. They work with plant and transmission operators to optimize operations and to ensure that instructions are carried out. They monitor all aspects of shift activity.

### **Power Systems Planners**

Power Systems Planners develop competitive assessments, integrated systems analyses, business and facility strategies and plans, and customer and market assessments. They develop integrated strategies and policies associated with the planning, licensing, pricing, marketing, utilization, operation, and maintenance of SCE's transmission systems. They develop studies, plans and regulatory support and testimony, guidelines, quantitative models, specifications, contracts, evaluations, performance assessments, and forecasts.

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## **Job Titles and Job Descriptions of Transmission Function Employees**

### **Project/Product Managers**

TDBU Project/Product Managers are responsible for managing the development and implementation of projects related to transmission service contracts and tariffs by directing the evaluation, analysis, and negotiation of such contracts and tariffs. They provide management and strategic direction to a project team and are responsible for the project development, budget, and schedule. They establish goals, negotiate, and develop project plans

### **Program/Project Analysts**

TDBU Program/Project Analysts gather documents and research data on assigned topics, using databases, files, spreadsheets, or other sources. As directed and according to established procedures and practices, they may administer programs with minor departmental impact. They may conduct training for assigned programs. They prepare analysis and recommendations based on information from internal and external sources, and work with other professionals and managers to organize and present multiple analyses in a unified structured format.

### **Substation Electricians**

The Substation Maintenance Electricians are responsible for maintaining approximately circuit breakers and transformers as well as various other types of equipment inside SCE's substations. This includes preventative and predictive maintenance activities in addition to emergency repairs and system restoration. They are also responsible for installing and commissioning new equipment. Responsible for the engineering and design of substation electrical facilities, resolve technical issues associated with substation engineering. Manage various engineering contractors, and work with those contractors to ensure consistency and quality of design and provide support to field personnel.

### **Substation Operators**

Substation Operators are responsible for the monitoring, control, and operation of SCE's transmission, distribution, and substation systems. The activities performed by our system Operators and Substation Operators are critical to the operation of the electric system, both during normal conditions and while restoring service to our customers during a storm or any other type of interruption. These personnel coordinate the activities of the field crews responding to circuit interruptions, isolating trouble, and switching circuits to restore service. They also direct switching activities for routine maintenance and construction of lines and equipment

### **Supervisors**

TDBU Supervisors supervise TDBU employees and provide the following functions for TDBU: performance related to approved budgets, objectives, core business activities, quality of service, productivity, cost effectiveness, and responsiveness to customers and outside agencies. They maintain schedules, records, and reports, and allocate resources to meet project operating dates.

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## **Job Titles and Job Descriptions of Transmission Function Employees**

### **Technical Specialists/Scientists**

TDBU Technical Specialists/Scientists perform routine or repetitive analysis and develop recommendations to address customer and/or SCE problems/issues that require broad technical knowledge to resolve. Assignments are normally limited to equipment- or operations-related issues.

### **Test Technicians**

Substation Test Technicians are responsible for maintaining relays and other various types of substation meters and electronic equipment. They perform initial testing and commissioning of new apparatus such as transformers, protective relays and control system automation, as well as periodic routine testing of that same equipment. They also perform system restoration activities subsequent to outages or emergencies.