

PPL Electric Utilities Corp

Transmission Function Employees

Job Title & Job Descriptions

008901 Abstract & Survey Asst

Under limited supervision answer Abstracts, write legal property descriptions, make computations on survey problems, assist with survey and drafting duties and assist the Performance & Services Coordinator and the Manger-Real Estate Services in various office functions.

000049 Admin Supervisor

Provides supervision, direction and reviews the work of assigned staff including responsibility for employee development and performance evaluations. Plans day-to-day departmental operations. Develops and implements work methods, authorizes overtime, and controls costs.

000635 Chief Of Party

Lead and direct the daily activities of a survey crew. The survey crew is responsible for providing the requested field information necessary to engineer various projects for designers in PPL Electric Utilities and other affiliates of PPL Corporation. Directly supervises two Bargaining Unit employees.

009010 Designer-Drafting

Develop complete drafting design for the most complex drafting projects in the assigned discipline (electrical, mechanical, civil/structural, distribution). Direct and/or prepare detailed drawings and sketches, ensuring the incorporation of standards, procedures and codes consistent with the intent of the responsible engineer. Review engineering drawings and other design drafting products as necessary to ensure overall technical correctness and completeness. Lead other drafters in the planning, organizing and completion of drafting involvement in specific projects, prior to, during and following design and installation. Acts as primary drafting interface with the responsible engineer and drafter on specific projects.

004110 Drafter-Level I

Under close supervision, perform drafting work of an elementary nature; layout and detail simple engineering work; prepare detailed engineering drawings involving basic design work in the assigned discipline.

002905 Engineer

This position is responsible for performing, under supervision, engineering assignments that are varied and may be somewhat difficult in character, but usually involve limited responsibility. Specific job positions may include assignments in planning, designing and overseeing of the construction, installation, operation and maintenance of electric components systems, and facilities used in the generation, transmission, distribution, and utilization of electrical energy. These tasks are normally technical in nature, and require an understanding of concepts required to evaluate alternatives and propose engineering solutions. Activities include assisting in routine and diagnostic testing of components and systems, and engineering studies.

002781 Engrng Design Tech

Performs assignments associated with detail design, planning and engineering of electrical, mechanical or civil facilities.

002771 Engrng Design Tech-Trainee

Performs assignments associated with detail design, planning and engineering of electrical, mechanical or civil facilities.

004898 Lead Resp Eng-Sub Eng

Manages outside engineering contractors to ensure they deliver a large portfolio of engineered projects that meet PPL specifications, on schedule, and within budget. Determines which projects are best suited to contracting, provides scope documents/bid packages that permits competitive bidding, evaluates the skills of contractors and prepares recommendations for choosing the successful engineering firms. After bids are awarded, prepares detailed engineering packages, obtains and transfers drawings, sets schedules, provides engineering review points, and approves the final engineering package from the contractors for use at PPL. Additionally, manages the relationship between PPL, the Engineering Contractor, and PPL's construction crews as the projects are constructed.

004794 Mgr- Distribution Operations

Manage and direct the activities of Distribution Operations in providing safe, reliable, economic electric delivery service. Maintain a competent, skilled work force of Power System Dispatchers, System Operators and Regional Supervisors to carry out day to day operation of the electrical system. Maintain a competent, skilled workforce of Facilities Records Specialists responsible for maintaining a highly accurate EFD database, providing corrections to CIA CAIDI calculations, and responding to PA ONE calls. Work with internal customers (Electrical Test, Field Services, Customer Service, Resource Management, and Asset Management) to provide appropriate support to PPLEU customers. Work with internal support organizations (ISD, Telcom, OGC) to maintain integrity of control room technology and communication systems. Work with external customers (PJM, PA PUC, NERC) to ensure operation of PPL's electrical system within appropriate and regulations.

PPL Electric Utilities Corp

Transmission Function Employees

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004480 Mgr-Project & Constr Mgmt

Decisions are guided by Resource availability and functional objectives. Manage the entire portfolio of capital projects (\$75-200million) for Electric Utilities electrical facilities. Lead Project and Construction Management functions for all major projects, ranging from large transmission and substation construction projects through medium size three-phase distribution projects. Accountable for execution from project identification thru construction, and subsequent turnover to operations for all projects. Position will ensure adherence to project scope, schedule and cost, including aggressive management of contingency risk and project cost flow. Establish, lead and manage the project construction management group within the Project & Contract Management Organization. Maintain a core competency of the project management and construction management functions ready to manage within key parameters of cost, schedule and performance that expands and contracts based on the number of projects under way.

001556 Mgr-Substation Engrg

The purpose of this position is to manage, direct, lead and coach personnel in the Substation Engineering Section of Design Engineering in PPL Electric Utilities. The section is comprised of supervisors, engineers, technicians and drafters who are responsible for the design and drafting of all electrical, civil, structural, protection, control and instrumentation facilities associated with all PPL Electric Utilities substation and switchyard facilities, including Bulk Power, Regional, Area Supply and Generating Station substations and switchyards. In addition, section personnel assist in the development of standards, provide support to the field in specialty areas, and complete project estimates for substation capital work. The section responsibilities include the utility-side protection and protective control systems associated with unit-connected generators and combustion turbines, and the generator-side systems on request and under contract with the generation customers. The section provides similar design products on a consulting basis to customers outside PPL on request and as resources allow. The incumbent assigns work to supervisors, engineers and technicians; monitors section resource requirements (manpower and budget) and delegates drafting activities, including training, drawing files philosophy and technical upgrades to the Drafting Squad Supervisor. The incumbent supervises 8 direct reports, and 31 indirect reports, including both bargaining unit and management employees. The section produces designs for several dozen capital upgrades, customer projects, and generator interconnections each year, totaling \$30 to \$40 million in project costs annually.

003926 Mgr-T&D Design

The purpose of this position is to manage, direct, lead and coach the personnel of the Transmission and Distribution Design Section of the Design Engineering Department of PPL Electric Utilities.

004834 Mgr-Transmission Operations

Provides leadership to Managers in the area of transmission operations, reliability, safety and compliance. Accountable for the performance and results of day to day transmission operations, maintaining necessary regulatory and operational training for Power System Dispatchers and System Operators as well as providing an interface with various regulatory and compliance entities (NERC, TOOF, RFC and PJM). Work with internal customers (Electrical Test, Distribution Operations, Customer Service, Resource Management and Transmission Planning) to provide appropriate support to PPLEU customers. Work with internal support organizations (ISD, OGC, Compliance) to maintain appropriate levels of control room technology and communication systems.

004487 Mgr-Transmission Planning

Direct the planning, development and integration of the PPL EU bulk power (69kV and above) transmission system. Direct the preparation of the PPL EU five-year capital construction budget for the PPL EU bulk power transmission facilities that totals in excess of \$700M. Direct the development of PPL EU policies with respect to transmission planning and on load analysis issues. Direct the development of power system analysis models that include Short Circuit, Load Flow, Dynamic Stability and develop appropriate measures to ensure accuracy.

004662 Mgr-Transmissn/Substatn Maint

Accountable for managing, coordinating and developing a highly trained and effective organization, and direct its activities to effectively, safely, and efficiently identify and direct maintenance and repair of all transmission lines, substations, and low tension network systems, and other underground electrical systems, to provide high quality, reliable customer service. This position is accountable for the on-going condition assessment of all EU Transmission and Substation assets and the direction of standards, specification development and maintenance programs to deliver prescribed reliability and availability performance for PPL EU and PPL Generation. It directs identification and prioritization of capital and expense work for the EU business plan to support business objectives such as SAIFI and SAIDI, compliance to state and federal reliability standards, NERC compliance testing standards and the general health of the T&S system. This position will ensure the most effective maintenance cycles and techniques are employed for specific asset classes including strategic "repair vs. replace" analysis for aging infrastructure, including equipment failure analysis.

PPL Electric Utilities Corp

Transmission Function Employees

Job Title & Job Descriptions

004485 Mgr-Transmsn ReglBusns Affairs

This position manages a group that provides leadership, expertise and support for PPL EU and PPL Corp to develop strategies that assure the reliable, safe, and economic operation of the PPL EU transmission system as part of the PJM RTO. The incumbent provides direction to the corporation as a whole, in addressing PJM and FERC transmission issues in a competitive environment to assure the reliable operation of a robust, competitive, and non-discriminatory electric power market. The incumbent represents the corporation on PJM and industry committees, with legislators and regulators, and with other government and/or regulatory/reliability agencies.

This position will lead the financial regulatory strategy to optimize return on transmission assets and taking full advantage of FERC incentives. This position will also lead PPL EU compliance with RFC reliability standards ensuring compliance by business lines and coordination with corporate entities.

000559 Operator Training Specialist

Design, develop, implement and maintain training programs for System Operators, Power System Dispatchers, T&D Operations Manager, and Regional Supervisors. Assist the Coordinator, with developing and implementing the training program to develop and maintain a 'pool' of qualified individuals for future System Operator positions. Responsible for leading the SCADA, AWR, and Dispatcher Training Simulator user groups. Responsible for hardware and software budgeting and oversight for T&D Operations Department, including 24/7 voice recorder equipment.

002780 Planning Technician

To assist in preparation of plans for electrical system modification and expansion.

002770 Planning Tech-Trainee

To assist in preparation of plans for electrical system modification and expansion.

001275 Power System Dispatcher

Direct the reliable and secure operation of PPL's Transmission System in accordance with FERC, NERC, and RFC guidelines, and PJM's and PPL's Reliability Principles and Practices on a minute to minute basis. The Power System Dispatcher directs Regional System Operating, Field Services, and Electrical Test personnel in the operation, maintenance, and installation of Transmission equipment and facilities under the control and responsibility of Transmission and Distribution Operations.

004873 Principal Engineer

Responsible for complex activities associated with the functional work group's goals, performance and business plans. This is a key contributor in a complex environment who may lead functional teams or projects. With little guidance, uses extensive technical knowledge of an engineering discipline to proactively solve complex problems with significant impact on facilities used in the generation, transmission, distribution and utilization of electrical energy. The position is responsible for providing sound engineering judgment in guidance to complex evolutions for systems and equipment. The position requires an individual who is a recognized expert for knowledge critical to the organization and limited in the industry. The position contributes to the development of the departmental strategy.

004532 Project Leader - EU

The Project Leader is the single point of accountability for medium size PPL Electric Utilities transmission and distribution projects and is responsible for planning and managing all aspects of these projects, from development through engineering and construction to close out. This position identifies risks and develops mitigation plans to deal with risks should they occur. This position is required to integrate information from various sources into a cohesive, comprehensive and logical project plan. The Project Leader must be capable of managing and influencing a range of subject matter experts and leading teams in executing project plans. Guidance from Senior Project Managers or Project Managers would typically be sought by the Project Leader for complicated projects.

004481 Project Manager-EU

The Project Manager position is the single point of accountability for PPL Electric Utilities projects with medium size and complexity, and values that range up to tens of millions of dollars. This project manager may manage multiple projects simultaneously. Manages the engineering and construction of Transmission, Distribution and Substation projects, as well as the upfront project activities including siting, and right of way. This position must identify and analyze the significant risks and recommend proactive workarounds or mitigation strategies should the risks occur and must be capable of managing and influencing a wide range of subject matter experts to accomplish the overall mission of the organization. Must be goal oriented, action-focused, pragmatic and self-disciplined. In addition, she/he must excel at project planning, organizing, communication, team motivation and delegation.

004773 R-Supervising Engineer

Provide technical guidance, coaching, counseling, and formal supervision to assigned staff in support of producing high quality, timely and cost-effective solutions to technical and business objectives. The incumbent supervises a work group of 4 to 8 engineers and technicians in a single or closely related fields of professional expertise.

PPL Electric Utilities Corp

Transmission Function Employees

Job Title & Job Descriptions

001155 Senior Engineer

The purpose of this job is to perform, with minimal supervision, a variety of engineering tasks in the design, construction, operation and maintenance of systems, structures, facilities and components in generation, transmission, distribution and utilization of electrical energy. The incumbent works as an individual contributor with substantial latitude for unreviewed action or decision. Individuals in this position also provide technical guidance and direction to other PPL employees in support of producing high quality, timely and cost-effective engineering solutions to technical problems.

008910 Sr Drafter

In conjunction with engineers sketches and directions, develop complete drafting in the assigned discipline (electrical, mechanical, civil/structural, distribution) for the most complex class of work and prepare final and detailed drawings and the necessary bills of material in the assigned discipline.

004482 Sr Project Manager EU

-The Senior Project Manager position is the single point of accountability for large, very complex PPL Electric Utilities projects, that may range in value from tens to hundreds of millions of dollars. Manages all aspects of Transmission, Distribution and Substation projects, from development through engineering and construction to close out and turnover to operations. This position must identify and analyze the significant risks and recommend proactive workarounds or mitigation strategies should the risks occur, and must be capable of managing and influencing a wide range of subject matter experts to accomplish the overall mission of the organization. Must be goal oriented, action-focused, pragmatic and self-disciplined. In addition, she/he must excel at project planning, organizing, communication, team motivation and delegation.

003333 Sr Staff Engineer/Scientist

This position is reserved for technical experts in a particular field of engineering or science which is representative of a level of achievement in knowledge and application skills recognized as a key contribution to overall organizational success.

004426 Sr Tech Clerk

Translates engineering design specifications and transcribes supplied design specifications to drawings and computer databases related to the Electric Facility Database, Work Management System and assists personnel of higher job classification performing duties in accordance with the specific assignment.

003819 Steno/Clerk General-C

Provides office support services using automated office equipment for word processing, records management, administrative tasks requiring department or function knowledge and experience. Work may be of a confidential nature and involve directing other steno/clerks as assigned.

002930 Supervising Engineer

Decisions are guided by policies, procedures and business plan. This position receives guidance and oversight from manager. Typically does not perform the work at the level being supervised, but will have individual technical and business related assignments in support of department goals.

Coordinates and supervises the daily activities of engineers and technicians in single or closely related fields of professional expertise. Accountable for formal supervision, coaching, counseling, safety leadership and technical guidance to assigned staff in support of producing high quality, timely and cost-effective solutions to technical and business objectives. The position is also accountable for the technical quality of the group's output and is expected to continuously improve capabilities in this area.

003523 Support Engineer

The purpose of this job is to perform, with limited responsibility and minimal supervision, a variety of engineering tasks in the design, construction, operation and maintenance of systems, structures, facilities, components and tariffs in generation, transmission, distribution and utilization of electrical energy. The incumbent works as an individual contributor conferring with supervision on unusual matters. Individuals in this position may also provide technical guidance and recommendations to other PPL employees in support of producing high quality, timely and cost-effective engineering solutions to technical problems.

001136 Supv - Design Drafting

The purpose of this position is to provide leadership for approximately 18 – 20 bargaining unit direct reports in four PPL EU drafting progression lines. This position would direct work activities to deliver quality, cost effective and timely substation, standards, distribution, siting and transmission design drawings to internal PPL customers in Engineering & Design and Field Services for the construction and documentation of PPL EU electrical facilities. This position would also oversee all training and testing activities, and performs first-line supervisory duties including performance reviews, quality/schedule reviews, goal setting and coaching.

PPL Electric Utilities Corp

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003474 Supv-Survey Services

Decisions are guided by policies, procedures and business plan. This position receives guidance and oversight from manager. Typically does not perform the work being supervised. Coordinates and supervises the daily activities of 2 Chief of Partys and 1 Abstract & Survey Assistant. Accountable for providing all surveying services requested by the various engineering and construction departments in PPL Electric Utilities (PPLEU) and other affiliates of PPL Corporation

001925 Supv-T&D Operations

The Supervisor - Transmission and Distribution (T&D) Operations is responsible for supervising operation of the transmission and distribution systems in a region specific dispatching area, being charged with the overall minute to minute operation to maintain safe, efficient, and reliable service. The incumbent is also responsible for the training of the System Operators.

001033 Supv-T&D Ops Trng/Certificatin

Identify the training needs of the T&D Operations Department and direct the development, implementation and maintenance of training programs for new and existing System Operators (SOs), Power System Dispatchers (PSDs), T&D Operations Supervisors and Manager. Establish and direct the training and maintenance of a pool of qualified individuals for use in future System Operator positions. Establish and direct the T&D Operations training program so that it meets or exceeds the standards established to enable SOs/PSDs to achieve and maintain the required NERC and PJM certifications. Insure that PPL training meets or exceeds readiness standards directed by NERC. Serve as a technical resource for other departments on topics related to T&D Operations. Direct the creation of new training programs to meet changing departmental responsibilities.

003319 Supv-Transmission Operations

Direct the operation of the Transmission Control Center, and Regional Transmission and Distribution Operations office(s), as required. The Supervisor-Bulk Power and Regional Operations directs and supervises Power System Directors and Regional System Operators to assure the safe, reliable, and secure operation of the bulk power transmission system and the appropriate regional facilities.

002852 Surveyor-Level II

Assist the Chief of Party, perform the more complex surveying duties, download, error check, edit and create preliminary plans for all electronically collected field survey data.

001274 System Operator

The System Operator (SO) is responsible for coordinating and directing the minute-to-minute operation of the PPLEU transmission and distribution (T&D) systems (230kV and below) in a safe, reliable, and economic fashion. The SO works on a 24/7 shift basis to observe the power system for compliance with voltage and power flow schedule, for the the status and well-being of system electrical equipment, controls and directs the switching activities on three phase facilities, directs restorative activities for emergent outages, and takes full responsibility for decisions made and their impact upon PPLEU operational results.

003865 Technical Clerk-Specialist

Translates engineering design specifications and transcribes supplied design specifications to drawings and computer databases related to the Electric Facility Database, Work Management System, and other applicable systems and assists personnel of higher job classification performing duties in accordance with the specific assignment.

002967 Technical Training Specialist

Develop and deliver technical training to highly skilled PPL employees within their technical discipline (e.g. Lineman, Substations, LTN, Distribution Technician, Instruments, etc.).

Technical Training Specialists are responsible for planning and administering the tactical requirements necessary carry out their training assignments. Technical Training Specialists support the required training for one or more progression lines, and are generally expected to have a higher level of technical knowledge and expertise than that of a Training Specialist.

The Technical Training Specialist supports one or more progression lines, such as: transmission and distribution Lineman, regional or power plant Electrician, power plant instrument and control Technician, transportation Mechanic, regional or power plant Mechanic, transmission or distribution engineering design Technician, and others.

004462 VP-Transmission

Directs the resources and activities for Transmission Operations and Planning to optimize the value of PPL's Transmission assets. Functions include; Transmission Operations, Transmission Planning, and Transmission Strategy and Business Operations. This position ensures the reliable operation and planning of the transmission systems for PPL, develops wholesale rates strategies and recovery mechanisms, and effectively manages the interface with regulatory authorities, regional reliability organizations and all interconnected third parties.