

## **POSTING REQUIREMENTS FOR FERC STANDARDS OF CONDUCT**

### **PACIFIC GAS AND ELECTRIC COMPANY**

**FERC Standards of Conduct, Section 358.7(f)(1): A transmission provider must post on its Internet website the job titles and job descriptions of its transmission function employees.**

#### **Grid Operations**

##### **Director, Grid Operations**

Responsible for the safe, reliable, and efficient operation of Pacific Gas and Electric Company's transmission system. Transmission Operations Center (TOC) - 24-hour, single point of contact for Pacific Gas and Electric Company's electric transmission operations with the California Independent System Operator (CAISO). The TOC manages real-time transmission operations, transmission outage coordination, and transmission outage planning. Transmission Control Centers - 24-hour centers for Pacific Gas and Electric Company's local transmission operations including monitoring the status of local transmission facilities, switch writing and providing switching orders to field personnel.

(Revised Job Description 2/8/2012)

##### **Director, Grid Operations**

Responsible for the safe, reliable, and efficient operation of Pacific Gas and Electric Company's transmission and distribution system. This is accomplished through leadership and direction of the following groups reporting to the Electric Operations Director.

Transmission Operations Center (TOC) - 24-hour, single point of contact for Pacific Gas and Electric Company's electric transmission operations with the California Independent System Operator (CAISO). The TOC manages real-time transmission operations, transmission outage coordination, and transmission outage planning.

Transmission Control Centers - 24-hour centers for Pacific Gas and Electric Company's local transmission operations including monitoring the status of local transmission facilities, switch writing and providing switching orders to field personnel.

Distribution Control Centers - 24-hour centers for Pacific Gas and Electric Company's local distribution operations including monitoring the status of local distribution facilities, switch writing and providing switching orders to field personnel.

Performance Improvement - Provides training support, technical support, and responsibility for standards, guidelines, and work procedures for transmission and distribution operations.

Emergency Preparedness - Provides training support, technical support, and responsibility for standards, guidelines, and work procedures for transmission and distribution emergency preparedness activities.

##### **Manager, Grid Control Center**

Manages Grid Control Center that consists of Real Time Operations, Outage Coordination, and Dispatch Support: Real Time Operations group is the single point of contact for Pacific Gas and Electric Company's electric transmission and distribution operations with the California Independent System Operator (CAISO). They also monitor the real time operations within Pacific Gas and Electric Company's electric transmission system. Outage Coordination group manages and coordinates all transmission equipment outages for scheduled maintenance, construction and modification or testing of all transmission equipment on 60, 70, 115, 230 and 500 kV systems. It coordinates their activities with BPA, WAPA, MID, DCWR, SMUD, SCE, Sierra Pacific, PP&L, BART, TID, CCSF, NCPA, SVP and other agencies and ECCO. It also provides a single point of contact for outage coordination with the CAISO. Grid Control Centers are responsible for monitoring and directing transmission operations in their geographic regions. These centers coordinate switching for planned and emergency events and work closely with the Real Time Operations.

### **Process Specialist, Principle**

Responsible for the operation and output of business process for the Distribution System Operations organization. Facilitates processes across departmental organizations to improve system operational performance, reliability, and integrity. Monitors process performance metrics, instituting process improvements, and incorporating changes into the processes as needed. Review performance data, performs analysis, make recommendations, and implement recommendations to improve process performance. Identify and coordinate training needs across departmental lines. Ensures "process ownership" between restoration, Distribution Operations, Distribution Engineering, SCADA, Estimation, and Construction.

Posted November 1, 2011

### **Manager, Emergency Preparedness and Electric Operations Performance Improvement**

Manages Energy Delivery and Engineering and Operations Emergency Preparedness activities. Activities include electric distribution system exercise development and facilitation and training development and delivery. The team facilitates continuous improvement efforts related to electric emergency recovery. The Emergency Preparedness group works with the Outage Information System (OIS) business and IT team to improve the Outage Management Tool (OMT) and associated training environment for ease of use. The team updates roles and responsibilities and reference materials.

Manages Performance Improvement in Electric Operations through four groups: Transmission Development, Human Performance (including standards, staffing and distribution development), Electric Emergency Operations and Senior Operations Specialists.

Transmission Development group provides support to the System Dispatcher and Transmission System Operator through training, advice, guidance, process and tool development and exercises.

Human Performance group provides support to the Distribution System Operator through training, advice, guidance, process and tool development and exercises. In addition, this group looks at human performance initiatives, staffing levels and standards maintenance and development.

Electric Emergency Operations coordinates the Electric Emergency Plan (EEP) and other transmission emergency plans, including development training, exercises, implementation and documentation.

Senior Operations Specialist is the subject matter expert on the tools utilized by the System Dispatcher and Transmission System Operator, providing direction to vendors for upgrades, developing training and providing guidance to the users.

### **Principle Project Manager (PPM)**

Coordinates the development of strategies for improvements to the transmission and distribution electric operations tools, processes and facilities. The PPM works with electric operations, corporate real estate, information technology, and other stake holders to define and receive authorization for projects that will improve electrical operations safety, reliability, and efficiency. The PPM is assigned responsibility for large, high-visibility and high-risk projects. The PPM is responsible for the execution of these projects from initiation through close. Project management responsibilities include safety, stakeholder communications, scope, schedule, cost resources, and risk.

Posted 6/3/2011

### **Real Time Operations Supervisor – Operations Supervisor**

Supervises the Senior System Dispatchers in monitoring and directing operations of the integrated PG&E transmission system to ensure the grid is operated in a safe and reliable manner while minimizing costs to customers. Responsible for the coordination and communication of planned equipment outages, system status, notification of forced outages, unusual events and coordination of system restoration following major disturbances. Works with the field Control Centers, Operating Engineering and the CAISO to identify system stress and ensure no single contingency will result in overloads.

Job title change effective 10/5/2011 – Posted 10/11/2011

### **Supervising System Dispatcher – Senior Systems Dispatcher**

Leads a team in monitoring and directing operations of the integrated PG&E transmission system to ensure the grid is operated in a safe and reliable manner while minimizing costs to customers. Responsible for the coordination and communication of planned equipment outages, system status, notification of forced outages, unusual events and coordination of system restoration following major disturbances. Works with the field Control Centers, Operations Engineering and the CAISO to identify system stress and ensure no single contingency will result in overloads. Acts as the single point of contact between PG&E, the transmission owner, and the CAISO.

Job title change effective 10/5/2011 – Posted 10/11/2011

### **Supervisor, Grid Control Center Operations - Supervising Lead Systems Dispatcher**

The Grid Control Center Operations Supervisor is responsible for the daily operations within the PG&E Grid Control Center, including operations of the system grid, coordination with the CAISO and WECC, local transmission operations, switch-writing, outage coordination, and

long-range outage planning. The supervisor will ensure the operational reliability of the grid by providing the leadership and direction to the real-time employees in the GCC. He/she will provide input to staffing to adequately perform the operations function, along with staffing to provide for training weeks and relief coverage. He/she will develop and implement work practices that allow for efficient use of resources and close communication and coordination with other departments to meet our safety, reliability, and customer satisfaction goals. The supervisor will set the vision for the GCC employees to be prepared for the constant changes within PG&E and the transmission industry overall.

Job title change effective 10/5/2011 – Posted 10/11/2011

### **System Dispatcher**

Monitors and directs operations of the integrated PG&E transmission system to ensure the grid is operated in a safe and reliable manner while minimizing costs to customers. Responsible for the coordination and communication of planned equipment outages, system status, notification of forced outages, unusual events and coordination of system restoration following major disturbances. Works with the field Control Centers, Operations Engineering and the CAISO to identify system stress and ensure no single contingency will result in overloads.

### **Outage Coordination Supervisor**

This individual leads a team that is responsible for PG&E review and approval of maintenance outages/testing schedules, coordinating, scheduling and consolidating clearance requests on the integrated PG&E transmission system to ensure the grid is operated in a safe and reliable manner while minimizing costs to customers. This includes equipment from PG&E Switching Centers, Telecommunications, system protection devices and other agencies. Review and approve annual transmission overhaul plan. Prepare and submit to ISO for approval requests for daily/weekly/ and monthly/equipment maintenance outages and testing.

Work with the PG&E Switching Centers, Grid Maintenance and Construction, and the ISO to ensure no single contingency occurring during scheduled work will result in equipment overloads that cannot be decreased to normal loads within an expected time frame. Directly supervises 3 Outage Coordinators and 3 Transmission Outage Planners.

### **Outage Coordinator**

Responsible for PG&E review and approval of maintenance outages/testing schedules, coordinating, scheduling and consolidating clearance requests on the integrated PG&E transmission system to ensure the grid is operated in a safe and reliable manner while minimizing costs to customers. This includes equipment from PG&E Switching Centers, Telecommunications, system protection devices and other agencies. Review and approve annual transmission overhaul plan. Prepare and submit to ISO for approval requests for daily/weekly/ and monthly/equipment maintenance outages and testing. Work with the PG&E Switching Centers, Grid Maintenance and Construction, and the ISO to ensure no single contingency occurring during scheduled work will result in equipment overloads that cannot be decreased to normal loads within an expected time frame.

### **Transmission Outage Planner**

Responsible for developing and coordinating transmission substation and line maintenance, transmission line and substation construction and a telecommunication outage/testing schedule to ensure the grid is operated in a safe and reliable manner while minimizing cost to the company and customers. Work with Transmission Maintenance and Construction, Line Construction, local Control Centers, Operations Engineering, Protection Engineering and the ISO to develop a long range outage plan that will ensure no single contingency occurring during scheduled work will result in equipment overloads that cannot be decreased to normal loads within an expected time frame, and to identify stressed systems and ensure no single contingency will result in system overloads or outages. Prepare and submit a transmission outage plan to the ISO. Attend walk-downs, job “kick-off” and planning meetings (as needed). Work with maintenance planners and project managers to prioritize jobs and adjust schedules.

### **Transmission Control Center Supervisor**

Responsible for the overall operation of the electric transmission grid (e.g, 500kv to 60kv) within the assigned areas of control of their control centers. Supervises the system operators, and apprentice system operators that monitor, analyze, direct and control the lines and equipment within their assigned areas of control in a safe, efficient and cost effective manner. Responsible for the coordination and notification of planned work, identified by departments that submit “Applications for Work”; develop written programs that reconfigure the grid, or protection, to provide a safe working condition for personnel and crews to perform the requested work.

Also responsible for assessing system conditions, reconfiguring the grid, and forcing lines or equipment out of service that impact system integrity. During unplanned outages, (including unusual events and system restoration after major disturbances), the operators are responsible for evaluating alarms and targets, notification to the TOC and affected transmission and distribution control centers, assessing the impacts, dispatching 1<sup>st</sup> responders, making conditions safe, isolating lines and equipment as needed, reconfiguring the grid, and restoring customers in an efficient manner.

Supervises the Electric Operators in monitoring and directing operations of the PG&E transmission system in the Humboldt jurisdiction in the northern section of Area 7 to ensure the facilities are operated in a safe and reliable manner while minimizing costs to customers. Responsible for the coordination, communication and switching for planned equipment outages, monitoring system status and unusual events, and coordination of analysis, making safe and system restoration following major disturbances. Works with the field workers, Operating Engineering and the Transmission Operations Center (TOC) to identify facilities at risk and stress.

### **Lead System Operator**

Coordinates the activities of other control center operators in executing the work requirements at the control center. As an assistant to the Operating Supervisor, serves as a single point of contact with other department. Generally, this interaction will involve requests for work or outages situations. Receives and reviews all applications for work. Provides final approval of schedules and work scope. Distributes work to the planned desk and/or the switch writing desk.

### **System Operator**

The System Operator is under the authority of the System Dispatcher from the Transmission Operations Center (TOC) and as delegated, is responsible to monitor and operate the transmission system in the local jurisdiction. The System Operator is engaged in submitting and receiving approval for clearances, issuing clearances, shifting of loads, prompt restoration of service when trouble occurs and notification to the TOC. The System Operator prepares and performs switching programs, operates equipment, maintains records and operating diagrams and receives and dispatches calls by telephone and radio. The System Operator also directs and trains other operating employees.

**Trainee Assistant System Operator**

Receives incoming outage calls and sends out crews to help. Takes calls on down power and sends out crews.

Posted 6/21/2011

**Equipment Requiring Repair (ERR) Analyst**

Responsible for reviewing the ERR database for duplications, inconsistencies, and errors and provide analysis to management about causal factors and potential solutions to these issues. Additionally, correct these issues when found either directly or working with the applicable compliance or transmission personnel. Also a member of the ERR process team looking for improvements in the ERR portal and ERR processes.

**MBA Associate**

Process Improvement and Human Performance (HP) Analysis for Work Procedure Errors – Analyze past events for HP patterns. Work with Operations to identify patterns and/or process improvements to dramatically reduce error rate. Analyze process and work environment to identify latent conditions. Work with Cross-Functional Teams to modify and update standards and procedures to provide clarity, modernize and ease implementation and compliance confirmation. Assist with the implementation of the new ERR process. Identify areas of needed intra-departmental improvements to improved communications and efficiencies.

## **Transmission Operations Engineering**

### **Supervising Power System Engineers**

Provide direction to the various engineering levels within Operations Engineering for the assigned area of responsibility. Represents PG&E on operational issues with CAISO/CPUC/WECC/FERC. Responsible for the development of transmission operational standards/guidelines/policies/procedures for PG&E.

### **Management Trainee / Entry Engineer**

A Management Trainee / Entry Engineer will participate in a nine to twelve month training and development program. This program includes rotations, classroom training courses, business learning/field trips, networking events and job shadowing. These rotations are designed to introduce a new engineer to the Transmission and Distribution organization's primary areas of business. Rotations are designed to provide the new engineer the background and experience needed to perform their job upon completion of the training program. Technical training requirements have been customized for entry level engineers in Electric Distribution Planning, Substation Engineering, Electric Systems Operations, Transmission Planning, Gas Distribution, Service Planning, Project Services, and Field Engineering (General Construction).

### **Entry Engineer**

Support the analysis tools used by the TOC and operations and engineering. Provide emergency support during system emergencies.

### **Entry Engineer**

Run Daily morning report and assist Transmission Operation Engineers (TOE) during outages. Assist in scheduling and preparing clearances for Electric Transmission System. Perform other duties as assigned by TOE group.

Posted 12/12/2011

### **Associate Power System Engineer**

Support the OE Power System Engineers in the technical and training support for the Transmission Operations Center (TOC) and the transmission control centers. Assist in conducting power flow analysis for transmission equipment clearances and unplanned events. Support the development of operating procedures and plans. Provide operational input on proposed changes to PG&E's transmission system such as capacity increase and reliability projects and equipment additions. Support the analysis tools used by the TOC and Operations Engineering. Provide emergency support during system emergencies.

### **Power System Engineer**

Technical & training support for the Transmission Operations Center (TOC) and the transmission control centers. Conduct power flow analysis for transmission equipment clearances and unplanned events. Support the development of operating procedures and plans. Provide operational input on proposed changes to PG&E's transmission system such as capacity increase & reliability projects and equipment additions. Support the analysis tools used by the TOC and Operations Engineering. Provide emergency support during system emergencies.

### **Senior Power System Engineers**

This position performs the same functions as a Power System Engineer but primarily supports the transmission control centers. This position helps support the training and development of the Engineering Associates and Power System Engineers. This position also participates on the transmission project teams to represent transmission operations.

### **Sr. Power System Engineer**

Support operations of the electric transmission system by providing transmission system dispatchers/operators, and other support personnel with transmission system contingency analysis, power flow study results, and technical support, including emergency response. Develop course objectives and give training to system dispatchers and operators. Provide direct support to project teams including transmission system technical studies, identify operational impacts, and prepare reports.

Posted 5/10/2011

### **Senior Consulting Engineers**

These positions perform the same functions as a Senior Power System Engineer. These positions are considered transmission system experts for the assigned location. These positions promote the development of transmission reliability and operational projects. Represent PG&E with agencies and other non-PG&E entities in regards to the operation of the PG&E transmission system. Consulting certification required.

### **Senior Advising Engineer**

This position performs the same function as a Senior Power System Engineer. This position is considered transmission system experts for the assigned location. This position promotes the development of transmission reliability and operational projects. Represent PG&E with agencies and other non-PG&E entities in regards to the operation of the PG&E transmission system.

### **Power System Engineer (Contractor)**

Responsible for conducting studies to ensure the reliability of the transmission system and compliance with the NERC reliability standards.

### **Contractor**

Miscellaneous engineering support to Transmission Operations that includes collecting and analyzing system data, developing tools to display data and simulating analyzing planned outages.

Posted 10/18/2011

### **Operations Systems**

#### **Senior Manager**

Lead a team that ensures the daily system integrity of the Emergency Management System (EMS) and the Remedial Action Scheme (RAS) systems which are critical for our transmission operations. This position is also responsible for NERC/CIP responsibilities ensuring sustainable processes and controls are in place as well as lead the Technical Services team which is responsible for Control Center applications.

### **Supervising Power System Engineer**

Leads and supervises the EMS and RAS Groups of the Technology Section.

### **Senior Advising Engineer**

Provides advanced engineering and operational support of Energy Management System (EMS) including advanced network applications, user issues and integration with substations and other internal and external systems.

### **Senior Advising Power System Engineer**

Provide engineering and operational support for the Remedial Action Scheme (RAS) systems.

### **Senior Power System Engineer**

Provide engineering and operational support of Energy Management System (EMS) including advanced network applications, user issues and integration with substations and other internal and external systems. Provide engineering and operational support for the Remedial Action Scheme (RAS) systems.

### **Sr. Power System Engineer**

Provide engineering and operational support of Energy Management System (EMS) including advanced network applications, user issues and integration with substations and other internal and external systems.

Posted 12/12/2011 (Job title and job description change. Previous description below)

### **Power System Engineer**

Provide engineering support of EMS including SCADA models. Provide operational support to EMS including user issues and integration with substations and other internal and external systems.

### **Associate Power System Engineer**

Provide support of EMS operator display creation and maintenance and engineering support of EMS model. Entry level engineer works under the guidance of the Senior and Advising Engineers. Provide engineering and operational support for the Remedial Action Scheme (RAS) systems.

### **Design Engineer**

Provide electric transmission grid operating diagram mapping support.

### **EMS Contractors**

Assist in various EMS project implementation efforts including strategy, design and testing.

### **Principal**

Provide support for PG&E's compliance with the NERC Critical Infrastructure Protection (CIP) Standards and other miscellaneous engineering support for the Technology section.

### **Principal Control Systems Security Lead**

Primary emphasis is on security for control systems and NERC CIP compliance. Provide engineering and operational support of control systems including advanced network applications, user issues and integration with substations and other internal and external systems.

### **Senior Technical Specialist**

Provide engineering and operational support of Energy Management System (EMS) including advanced network applications, user issues and integration with substations and other internal and external systems.

### **System Specialist Principal**

Assist with designing, testing and implementing power system model changes to PG&E's Energy Management System (EMS), including power flow, state estimation, contingency analysis, generation, SCADA, communications and supporting systems. Provide support for the needs of the system dispatch and transmission operations. Provide day to day support of the EMS operating system and act as liaison with electric system, transmission operations and Operating Engineers on behalf of EMS/SCADA support personnel. Provide support for the needs of the operations.

Posted 12/12/2011

(Removed Emergency Management (formerly Emergency Preparedness and Performance Improvement) job descriptions 1/17/2012. They are part of Distribution Systems Operations and no longer perform Transmission Function duties.

### **Generation Interconnection Services**

#### **Manager, Generation Interconnection Services (GIS)**

Work with internal organizations to assure timely generator interconnections. Manage the electric interconnection process. Respond to customer issues in areas within Generation Interconnection Services control and facilitate resolution of issues emerging from other interconnection partners' efforts. Monitor and report progress on interconnection projects with input from affected departments. Provide counsel to staff in negotiating changes required for contracts relating to wholesale generator interconnections. Oversee wholesale and retail generator interconnection procedures and contracts. Support regulatory and legislative efforts to assure that company business interests are adequately considered in generation-related proceedings at the state and federal level. Resolve difficult customer interconnection issues.

#### **GIS Supervisor**

The GIS Supervisor manages an interconnection program with a team of project managers who facilitate the end-to-end interconnection process for generation customers. Responsible for proactively monitoring the team's project portfolio for timeliness of meeting regulated milestones, assists project managers to complete projects on schedule, and helps resolve issues that prevent projects from moving forward.

Effective 1/17/2012, Posted 1/24/2012

#### **Business Analyst**

Database management and data entry for Wholesale and Retail generation projects. Ensure generation projects are interconnected with established tariff guidelines and compliant with CPUC and FERC. Ensure accurate input of project information into Wholesale and Retail Customer Departing Load (CDL) database(s) and perform OA/OC of CDL data entry and input with an emphasis on accuracy, efficiency and quality. Continuous process improvement and

innovation is required. Interconnection Cost Tracking and Analyses”—Manage the cost tracking of Application Review, Engineering, Transmission Planning, Field Metering Services, pre-parallel inspection and GIS work for all interconnections to support workload and budget forecasts, future rate design, CPUC and FERC rate cases, and budget compliance. Support Project Managers in providing accurate cost true-ups, settlements, and project SAP support. Provide analyses and assessments of project charges associated with retail and wholesale generation projects, when required. Perform all aspects of generation interconnection cost tracking and support CPUC required reporting. Ensure compliance to CPUC reporting mandates including monthly Rule 21 Project Status Reports, California Code of Regulations Title 20 Division 2 Chapter 3 Section 304b bi-annual generation interconnections, Rule 21 mapping reports, net generation output meter and telemetry requirements. Reporting in valuable with respect to future tariff and rate design, process improvement tracking, budget management, General Rate Case and Transmission Owner submittals, etc. Support the Department in managing, tracking, and developing orders, expense budget, and PCC with a particular emphasis on the Net Energy Metering Memorandum Account (NEMMA), FERC Transmission Owner (TO), and CPUC General Rule Case (GRC) requirements, data requests, etc. Responsible for wholesale system impact study and facility study billing, SAP order management/tracking/investigation/issue resolution, 2005 Renewable Solicitation Request for Offer, reclose blocking process, customer departing load database, external communications, and the GIS Calendar.

### **Business Analyst**

Analyze interconnection processes for both Retail CPUC Distributed Generation and FERC wholesale work and create and maintain process model. Understand FERC and CPUC Tariffs as well as compliance issues. Develop metrics for various interconnection processes. Provide data analysis by developing and producing Management, Regulatory and performance reports. Support department perspective by further development of process tools and maintenance of on-going functionality. Represent department regarding technical issues with various stakeholders.

### **Supervisor Retail R21, Complex NEM**

Manage an interconnection program with a team of project managers who facilitate the end-to-end interconnection process for generation customers. Proactively monitors the team’s project portfolio for timeliness of meeting regulated milestones, assists project managers to complete projects on schedule, and helps resolve issues that prevent projects from moving forward. Is accountable for the team’s portfolio of assigned customers, projects, and deliverables; Understands the GIS business process, and knows how to apply program rules and requirements; Identifies training requirements for team, and facilitates the delivery of needed training; Identifies resource and tool needs; Establishes and implements business processes and tools to support the program; Works collaboratively with business partners such as Transmission and Distribution Planning and Standards, Service Planning, the CAISO, Energy Procurement, Accounting, Law, Electric Transmission Rates, Tariffs, and implementation Project Managers to identify and resolve resource, process, and regulatory issues; Resolves escalated project and customer issues, or escalates further; Measures, tracks and manages project manager performance, and provides coaching when needed; Measures and reports out on project portfolio status and upcoming activities; Provides business partners with workload forecasts; Identifies opportunities to improve customer satisfaction; and Represents GIS at internal and external meetings and presentations.

Effective 2/1/2012; Posted 2/8/2012

### **Supervising Project Manager**

Responsible for supervision of Project Managers and Business Analysts charged with relationship management and completion of all associated agreements relating to retail and wholesale generation interconnection. Provide technical direction on interconnection processes and interpret FERC tariff issues when needed. Ensure quality control on projects/activities, agreements and ensure compliance to required timelines. Ensure training on retail and wholesale interconnection policy, application process, and contract issues. Represent PG&E or GIS in regulatory proceedings, settlements, work shops and other external forums. Work with internal organizations to assure timely gas & electric interconnections for retail and wholesale generation projects. Coordinate the dispatch of incoming inquiries to assigned project managers. Ensure management of retail and wholesale interconnection processes from receipt of the interconnection inquiry through the in-service date of the new facility. Develop positive relationships with retail and wholesale generation customers and developers. Resolve customer disputes effectively, efficiently, and diplomatically by knowing the key tariffs, policies, and stakeholders to resolve the issue.

### **Senior Project Manager**

Manage the electric interconnection process for customer-driven interconnection projects, from receipt of the interconnection inquiry through the in-service date of the new facility. Work with internal organizations to assure timely interconnection of assigned wholesale and retail generation development projects. Participate in ISO, FERC, and/or CPUC proceedings to ensure that customer/generator issues are adequately taken into consideration. Lead negotiations for any changes required for any contracts relating to assigned wholesale and retail generator interconnections. Facilitate resolution of policy issues and potential delays relating to new generation. Develop strong relationships with assigned generation developers. Resolve disputes effectively, efficiently and diplomatically by knowing the key tariffs, policies, and stakeholders to resolve the issue.

### **Project Manager**

Overall management of customer-driven FERC and/or CPUC jurisdictional generation interconnection projects from receipt of the interconnection request and/or application through the settlement process or first accurate customer bill, respectively. Significant coordination and partnership with other departments to assure timely interconnection of assigned projects. Carefully monitors and proactively report progress on interconnection projects, with input from all impacted departments. Resolve disputes effectively, efficiently and diplomatically by knowing the key tariffs, policies, and stakeholders to resolve the issue. Overall management of the financial transactions with interconnection customers, interacts with accounting, business finance, and GIS analysts.

Posted 6/14/2011

### **Senior Program Manager**

This position is accountable to help facilitate the ongoing interconnection of Net Energy Metering (NEM) customers. The Senior Program Manager provides outreach to internal NEM partners to facilitate and improve business practices related to NEM projects. Internal partners include, but are not limited to, Service Planning, Distribution Planning, Billing, and CA Solar Initiative. Assist in the management of NEM Customer Interconnections and provide technical

assistance to the NEM Admin Team. Assist in communication out reach to solar contractors. Responsible for Process Improvement for the NEM.

### **Program Manager**

Responsible for assisting in the management of the Net Energy Metering (NEM) program. The Program Manager is involved with a variety of issues impacting NEM including assistance in the resolution of complex customer issues, resolving interconnection problems, investigate customer complaints, working with internal PG&E departments to resolve process flows, improve communications and capture efficiency improvements that support interconnection requirements. The Program Manager will play a significant role in developing new training needs to meet team goals. **(Posted 4/25/2011)**

### **Sr. Program Manager**

Responsible for the overall wholesale and retail generation interconnection program. The program manager will be responsible to follow legislative and regulatory activity that may impact the program and make changes to program if necessary. The program manager will evaluate the program by ensuring the process, tools, and policies are adequate to be successful. In addition, this program manager will develop communication tools and host educational seminars that help provide clarity on the interconnection process for our valued partners within PG&E and for customers. **(Posted 8/2/2011)**

### **Project Manager - Supervisor**

Responsible for overall management of customer-driven team that processes all FERC and CPUC jurisdictional generation interconnection projects from receipt of the interconnection request through the settlement process or first accurate customer bill, respectively. Takes ownership to partnership with departments such as: Distribution Planning, Transmission Planning, Service Planning, Project Services, System Protection (T&D), Transmission Operations, Tariffs, Law, Metering, Billing, Account Services, etc. to ensure timely generation interconnection per applicable FERC or CPUC tariff. Monitors and proactively reports progress on interconnection projects, with input from any necessary internal department. Identifies and leads generation interconnection process improvement initiatives. Develops strong relationships with industry developers and integrators, building a broad spectrum of business contacts. Is the Subject matter expert on FERC and CPUC generation interconnection tariffs. Develops a diverse workforce with respect to multiple interconnection tariffs. Continually strives to improve service to customers and generation developers. Resolves disputes effectively, efficiently and diplomatically by knowing the key tariffs, policies, and stakeholders necessary to resolve the issue. Participates on cross-functional teams handling customer service and contract issues to meet company and customer needs. Represents PG&E in public forums regarding generation interconnection issues. Manages special policy issues/projects and relationship assignments as directed by GIS Manager. **(Posted 8/2/2011)**

### **Account Representative**

Manage Net Energy Metering (NEM) customer and internal partner communications that facilitate the successful implementation of the NEM Program. Provide diagnostic analysis and gather needed information to complete solar interconnections with the specified timelines. Manage customer interconnection application process that enables PG&E to connect the customer within the specified time periods. Organize, coordinate, and prioritize the administrative files and customer applications for NEM and Expanded NEM interconnection

requests. Coordinate GIS/NEM application for customers, contractors, and fellow employees. Maintain up-to-date PG&E files for all interconnections requests.

### **Associate Project Manager**

Overall management of customer-driven CPUC jurisdictional generation interconnection projects from receipt of the interconnection inquiry and/or application through the settlement process or first accurate customer bill, respectively. Significant coordination and partnership with other departments such as: Division Engineering, Service Planning, Project Services, System Protection (T&D), Transmission Operations, Tariffs, Transmission Planning, Law, Metering, Billing, Account Services, etc. to assure timely interconnection of assigned projects. Carefully monitors and proactively report progress on interconnection projects, with input from all impacted departments. Support efforts to improve the interconnection process. Develop strong relationships with assigned generation developers, building a broad spectrum of business contacts. Continually strive to improve service to customers and generation developers. Resolve disputes effectively, efficiently and diplomatically by knowing the key tariffs, policies, and stakeholders to resolve the issue. Participate on cross-functional teams handling customer service and contract issues to meet company and customer needs. Communicate effectively with peers, supervisors, customers and business partners by sharing and seeking information and ideas with others; tailoring communication to the audience; and demonstrating competence/proficiency in written and verbal communications. Manage special policy issues/projects and relationship assignments as directed by Supervisor.

### **Accountant**

Manage the Network Refund program and provides accounting control, analysis, and scheduling related to the interconnection process with minimal guidance of the supervisor. Proactively work with the customer and GIS project managers to ensure the scheduled transaction of funds. Responsible for the timely accounting reconciliation for studies, EPC activities, and Network Refunds. Work with Directors, Managers, Project Managers, Business Planners, Accounting Analysts, and various business partners to plan, coordinate, and monitor accounting related to interconnection projects. Provide project/program status and metrics reports to management and provide recommendations based on an analytical approach.

(Posted 8/30/2011)

### **Sr. Contract Management Analyst**

This position is a key member of the contract management team that administers more than 100 Generation related Contracts. The types of contracts include: GSFAs, Amendment 39, GIAs, LGIAs, SGIAs, and other miscellaneous contracts. Responsible for the customer and contract once the generator achieves Commercial Operation. This includes ensuring proper accounting and reconciliations are complete, providing interpretations of contracts in response to inquiries, providing accurate and timely data regarding contracts to internal and external parties, managing cancellation of contracts and re-execution of contracts based on existing contract provisions. Monitor controls to ensure compliance and to report out to stakeholders.

(Posted 9/14/2011)

**Accountant (Contractor)**

Manages the Network Refund program and provides accounting control, analysis, and scheduling related to the interconnection process with minimal guidance of the supervisor. Proactively work with the customer and GIS project managers to ensure the scheduled transaction of funds. Responsible for the timely accounting reconciliation for studies, EPC activities, and Network Refunds. Works with Directors, Managers, Project Managers, Business Planners, Accounting Analysts, and various business partners to plan, coordinate, and monitor accounting related to interconnection projects. Provides project/program status and metrics reports to management and provides recommendations based on an analytical approach.

Posted 5/24/2011

**Engineering Trainee**

Assist Project Manager in the overall management of customer-driven FERC and/or CPUC jurisdictional generation interconnection projects from receipt of the interconnection request and/or application through the settlement process or first accurate customer bill, respectively. Monitors and proactively report progress on interconnection projects and resolve disputes. Assist management of the financial transactions with interconnection customers, interact with accounting, business finance, and GIS analysts.

Updated 2/8/2012

**Note: If a job descriptions listed in this posting is in gray font (grayed out), then an update has occurred and is reflected in the new job posting above it.**

**Pacific Gas and Electric Company maintains this public record of superseded job postings for a minimum of 90 days following the replacement date.**