

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.

TRANSMISSION SYSTEM OPERATIONS

Sr. Director, Transmission System Operations

Responsible for the safe, reliable, and efficient operation of Pacific Gas and Electric Company's electric transmission system. Manages real-time transmission operations, transmission outage coordination, transmission outage planning, operation systems (such as the Remedial Action Scheme (RAS) and Energy Management System (EMS)) and compliance with associated NERC Standards. Also responsible for the Transmission Operations Grid Control Center (GCC) - 24-hour, single point of contact for Pacific Gas and Electric Company's electric transmission operations with the California Independent System Operator (CAISO); including monitoring the status of the transmission facilities, switch writing and providing switching orders to field personnel.

Director, Grid Operations

Manages the Vacaville Grid Control Center (GCC) and San Francisco Transmission Operations Center (TOC). These organizations consist of Real Time Operations, Outage Coordination, Training and Electric Emergency Management. Transmission System Operations 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). Real Time Operations monitors 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. This position is also responsible for the coordination of all facilities related issues that support the GCC and TOC operations. The Director will set the vision for the GCC and TOC employees to be prepared for the constant changes within PG&E and the transmission industry overall.

Director, Transmission Operations Security

Influences and manages teams to ensure security and reliability of critical facilities and assets vital to the operation of the Bulk Electric System, or electric transmission grid, and comply with NERC Reliability Standards related to physical and cyber security as regulated by the Federal Energy Regulatory Commission (FERC). Influences senior leadership regarding strategies for compliance processes, policies, best practices, improving company security metrics as well as construction, maintenance, and operating standards to enhance security and reliability. The incumbent ensures that the electric Transmission operations system facilities are in compliance through an efficient, compliant execution of NERC security processes as well as a comprehensive quality documentation process.

Effective April 13, 2015

Manager, TO-CIP Tech-Ops Oversight

Senior program technical leader with primary technical and operational oversight responsibilities. Manage the PG&E NERC CIP Program Control Framework process. Lead research, design, development, and implement activities associated with extremely complex / cross functional requirements. Prepare and present recommendations, improvements or alternatives to senior management. Researches and writes in-depth reports on compliance, controls, performance monitoring and technical approaches to compliance. Facilitates/Leads Corrective Actions, Root Cause Analysis and Mitigation Strategies. Conducts/Leads sessions to develop cost estimates to mitigate open compliance findings. Conducts/Leads sessions and develops the costs associated with risk avoidance. Conducts/Leads sessions and develops the likelihood of risk occurrence. Perform any or all job responsibilities associated with Manager or Sr Manager Level position.

Title name change effective June 29, 2018

Senior Manager, TOS Compliance

Responsible for managing activities related to oversight of the company NERC Critical Infrastructure Protection (CIP) Program with an emphasis on monitoring and reporting on the compliance posture of Bulk Electric System (BES) Cyber Systems, associated Electronic Access Control or Monitoring Systems (EACMS), Physical Access Control Systems (PACS) and Protected Cyber Assets (PCA). Activities include managing the program's internal assessment and monitoring function to ensure effectiveness of program processes, procedures and policies. Managing the program communication plan, metrics gathering, executive reporting and technical project planning. Serving as PG&E representative and contributing member to the North American Transmission Forum (NATF) Security Working Group and Western Interconnection Compliance Forum (WICF).

Effective 10/01/2018

Project Manager, Contractor

Project Manager for the TSRP T-line work stream. Responsible for delivering on scope, cost and schedule for the T-line switch migrations to from RT scada to EMS in the Grid Ops jurisdictions assigned.

Effective August 6, 2018

Testing Engineer, Contractor

The Engineer will support the Transmission SCADA Replacement Program (TSRP) to manage the coordination, display management, testing and validation of substation RTU communication protocol conversions. Participate in weekly Team calls to plan work and resolve issues, perform point to point testing to validate SCADA modeling, SCADA communications, SCADA controls and UI in support of TSRP. Perform testing and troubleshooting on EMS systems, including SCADA model, SCADA front-ends, communications, and supporting applications in support of the TSRP. Perform UI changes as necessary to support SCADA point to point testing.

Effective March 18, 2019

Vendor Support. Contractor

Lead technical team and assist in confirming all required scope and deliverables have been accomplished per the Business Plan · Lead and assist in the completion, closure and archival of the technical project deliverables such as the final evaluation report · Assist as needed with other closing items such as final report and steering committee presentations, documentation of processes to support the project execution and reporting.

Posted April 29, 2019

Project Manager-TSRP

Project Manager for the TSRP T-line work stream. Responsible for delivering on scope, cost and schedule for the T-line switch migrations from RTscada to EMS in the Grid Ops jurisdictions assigned to them.

Posted September 25, 2019

Business Analyst, Senior (CONT)

Performs analysis on complex data models requiring customized reports and data. Develops new or revises existing data analysis to predict business outcomes selecting from various complex variables. Develops and uses metrics to develop recommendations related to business strategy and operations. Presents findings and recommendations to leaders. Manages small to mid-size projects

Posted September 25, 2019

Business Process Analyst

Business Process Analysts evaluate the effectiveness of, and recommend improvements to, business process, practice and procedures. Business process related activities are focused on measuring and improving quality, cost effectiveness, efficiency, customer satisfaction and other desired business outcomes and strategic business decisions.

Posted March 1, 2021

REAL TIME OPERATIONS

Sr. Manager, Grid Operations

Manages the real time transmission operation activities of the Vacaville Grid Control Center (GCC) and San Francisco Transmission Operations Center (TOC). Responsible for the daily operations of the PG&E transmission system, 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 Manager of Grid Operations, Real Time Operations will ensure the operational reliability of the grid by providing the leadership and direction to the real-time employees in the GCC and TOC. Provides staffing to adequately perform the operations function, along with staffing to provide for training weeks and relief coverage. Real Time Operations 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) and monitors the real time operations within Pacific Gas and Electric

Company's electric transmission system. It also provides supervision and support for the Transmission System Operators and Apprentice System Operators who coordinate and execute the switching for planned and emergency events and work closely with the field operations teams.

(Updated from Manager to Sr. Manager August 30, 2017)

Business Systems Specialist Principal

Provide System Integration support for design, development and implementation of identified and assigned projects. Provide oversight to contractors in support of assigned project work under the direction of PG&E project team.

Posted September 7, 2016

Supervisor, Grid Operations

Supervises the Senior System Dispatcher, System Dispatchers and Transmission System Operators 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 closely with the Lead System Operators, Outage Coordination and Operating Engineering groups to identify system stress and ensure no single contingency will result in overloads. Provide Grid Operations real-time training design and delivery in support of System Operators and System Dispatchers in the safe and reliable execution of work on the Bulk Electric System. Provide direction to the Grid Operations transformation initiatives through continued employee engagement in process design, emergency response, and standardization of work processes. Assist in the development of the roadmap to transition Grid Operations to the new operating facilities at Vacaville and Rocklin. Assist in development of technologies to enhance Operational situational awareness in the control room environment. Provide relief support to Operations Supervisors on an as needed basis as well as relief support to the Manager, Grid Operations.

Expert Analyst, CIP Program

Leads the development, implementation and maintenance of an operating and reliability standards compliance framework. Monitor and track the performance of all Lines of Business responsible for NERC CIP standards and ensure compliance with national, regional and local regulations. Applies Subject Matter Expertise (SME) in operating and regulatory knowledge to evaluate operating events, disturbances and performance. May lead company response to regulatory data requests, investigations, compliance and regulatory audits and customer inquiries. Provides expertise and training on self-reporting, root cause analysis, and the development of mitigation plans. May respond to ad hoc requests from other lines of business to consult with them on compliance related matters. Ensures that all documentation is current, complete, accurate and in compliance with applicable regulatory standards. May enter documentation into enterprise database systems.

Posted March 9, 2017

Electric Compliance Consultant, Expert

Develops and implements TSO internal compliance framework for all NERC Standards and assures an always ready compliance audit posture. Support an entire TSO Line of Business (LOB) and will take the lead coordinating with other Electric T&D organizations to make ready and respond to internal and external audit requests. Assure compliance documentation is always available and work with Subject Matter Experts and Standards Owners to develop process and controls to ensure that departments are responsible and accountable for their compliance with regulated activities and comply with reliability standards and requirements. Activities may also include: leading or coordinating audits, preparing reports, developing and maintaining performance metrics, conducting self-certifications, spot checks, and investigations, handling complaints, facilitating reporting and violation mitigation. Ensures consistent use of compliance related data systems, measures results, monitors controls and keeps records of all regulatory compliance filings. Act as liaison for PG&E with staff at regulatory bodies assigned to investigate specific aspects of PG&E's compliance practices. May lead cross functional teams and engage in activities such as clarifying responsibilities and commitments, hand-offs, training and communication.

Posted July 6, 2017

Systems Integration Specialist - Contractor

Provide system integration support for design, development and implementation of Asset Diagnostic Center applications and processes. Contractors will provide technical assistance in the effort to re-purpose the 15th floor control center as Asset Diagnostic Center under the direction of PG&E project team.

Posted October 5, 2016

Senior 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. Provide support to Grid Operation Supervisor and assists in the development of the System Dispatcher. 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 System Dispatcher, System Operators, Operations Engineering and the CAISO to identify system stress and ensure no single contingency will result in overloads.

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. System Operators, Operations Engineering and the CAISO to identify system stress and ensure no single contingency will result in overloads.

Supervisor, Grid Operations Lead

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 Outage Planners and Lead System Operators.

Project Manager – Contractor

Provide project management support for design, development and implementation of Asset Diagnostic Center applications and processes. Contractors will provide project management services along with technical assistance in the effort to re-purpose the 15th floor control center as Asset Diagnostic Center under the direction of PG&E project team.

Posted October 12, 2016

Outage Planner Expert (GCC)

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.

Outage Planner Expert (TOP)

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.

Lead System Operator

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. Coordinates the work packages received from the field personnel and develops the daily work plan to safely and efficiently perform work on the PG&E transmission system. This activity involves requests for work or outages situations. Receives and reviews all applications

for work. Provides final work packages and distributes work to the Real Time Operations personnel.

System Operator

The System Operator is under the authority of the Senior System Dispatcher and System dispatcher from the Vacaville Grid Control Center (GCC) and the San Francisco Transmission Operations Center (TOC) and as delegated, is responsible to monitor and operate the transmission system in the local jurisdictions. The System Operator is engaged in performing/directing routine switching, issuing clearances, shifting of loads, prompt restoration of service when trouble occurs and notification to the GCC/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.

Apprentice System Operator

A shift employee who is engaged in performing an electric operator's work as an assistant to and under the direct supervision of a journeyman System Operator. In the course of his/her training, will be required to prepare and perform switching programs, to operate equipment, to keep records, receive and dispatch calls by telephone and radio dealing with service to customers and certain switching operations.

Assistant System Operator

Receives incoming calls and routes them to appropriate desks/jurisdiction. Takes miscellaneous calls and forwards them to responsible individuals as needed. Provides administrative support to the Grid Operations Supervisor as required.

Transmission System Operations – Electric Emergency Management Specialist, Sr.

The Electric Emergency Operations Coordinator will be responsible for coordinating the development, implementation, and documentation of the Electric Operations Electric Emergency Plan emergency training. This individual will be responsible for managing the transmission system Electrical Emergency Program and the semi-annual drills and auditing the transmission system communications and developing improvements as applicable.

Supervisor, Grid Operations, Outage Coordination

Responsible for developing and coordinating transmission, substation and line maintenance, transmission line and substation construction and telecommunication outage/testing schedules to ensure the grid is operated in a safe and reliable manner while minimizing cost to the company and customers. Work with local Control Centers, Operations Engineering, Protection Engineering and the ISO to ensure no work scheduling conflicts or 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. The Supervisor will ensure the operational reliability of the grid by providing the leadership and direction to the Outage Coordinators, TOP and LSO functions in the TOC and VGCC.

Posted March 10, 2015

IGP Director Lead

This position is responsible for leading Electric Operations teams to ensure efficient integration of all funded work streams and product lines within the IGP portfolio into an effective program, delivering on annual execution targets in a quality manner, and aligning with or adjusting the program to meet PG&E's business goals. The position is also responsible for ensuring proper levels stakeholder and employee engagement as well as change management to support strong business and user acceptance and success.

Posted March 1, 2018

Real Time Asset Manager

Real-Time Asset Managers are responsible for monitoring, dispatching and controlling PG&E's portfolio of generating units and associated water conveyance systems to ensure energy and ancillary service obligations are met. As part of this responsibility, the Real-Time Asset Managers are also required to make assessments, develop strategies and implement those results throughout their assigned shifts. The decisions include instructing Hydro and Power Plant operators to shut down and start generating units, vary the generation output to achieve desired energy schedules and water management.

Effective Date: 5/7/2018

TRAINING

TSO-Training Supervisor

Directs and supervises employees responsible for providing technical support for the operations of the Transmission System Operations. Specific focus will be on providing guidance and direction to the System Dispatcher and Transmission System Operator Training team and overseeing the system restoration exercises. This position also represents PG&E within the industry focused on training-related matters. This position shall be maintained using a Systematic Approach to Training (SAT) as defined in the training program procedure and implemented in accordance with their applicable training program implementing procedures and training program descriptions.

Senior Training and Simulation Specialist

Deliver technical (knowledge-based and skill based) training utilizing a systematic approach to training for the Transmission System Operators and System Dispatchers in the completion of the Transmission Operations mission. This position shall be maintained using a Systematic Approach to Training (SAT) as defined in the training program procedure and implemented in accordance with their applicable training program implementing procedures and training program descriptions. Effectively work with people at various levels of knowledge and experience and present course material to operators either one-on-one or in team environments. Apply their knowledge of electrical and mechanical theory of an interconnected electrical system, operating criteria's and problem solving techniques to developing training material for the Transmission System Operators and System Dispatchers.

Posted May 10, 2013

Senior Operation Specialist – Simulation Training

Provide training support and guidance to System Dispatchers and Transmission System Operators in the completion of the Transmission Operation's mission. Assume the lead role in designing, developing and implementing scenario-based training and simulation for the System Dispatchers in the operation of the integrated PG&E transmission system to ensure the grid is operated in a safe and reliable manner while minimizing costs to customers and the company. Prepare the Dispatch Training Simulator and associated tools to provide realistic scenarios to train and evaluate System Dispatchers and System Operators. Oversee the usage of the Company's computer-based simulator (CBS-BRICK) and the AREVA *e-terrasimulator* dispatcher training simulator (DTS) for the Transmission System Operators and the System Dispatchers. Additionally, support for system restoration exercises is a key area of focus.

Sr. Operation Specialist – Power Generation – Hydro Operating in Training

This position shall be maintained using a Systematic Approach to Training (SAT) as defined in the training program procedure and implemented in accordance with their applicable training program implementing procedures and training program descriptions. The main focus for this positions is the Hydro Operator in Training apprentice coordination, the lead on the apprenticeship revision project and to evaluate and evolve Operator training. Act as a liaison between Transmission Operations and Power Generation to deliver technical (knowledge-based and skill based) training utilizing a systematic approach to training for the Hydro Operators in the completion of the Transmission Operations and Power Generation mission. Effectively work with people at various levels of knowledge and experience and present course material to operators either one-on-one or in team environments.

Transmission System Operations – Electric Emergency Coordinator

The Electric Emergency Operations Coordinator will be responsible for coordinating the development, implementation, and documentation of the Electric Operations Electric Emergency Plan emergency training. This individual will be responsible for managing the transmission system Electrical Emergency Program and the semi-annual drills and auditing the transmission system communications and developing improvements as applicable.

Transmission Operations Systems and Transmission Operations Security CIP (Critical Infrastructure Protection)

Director, Transmission Operations Security

Lead a team that ensures the daily system integrity of the Energy Management System (EMS) and the Remedial Action Scheme (RAS) systems which are critical for our transmission operations and Special Protection Schemes (SPS). 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.

Senior Manager Operations Systems

Develops department long-term direction, operating plans, budgets and performance metrics. Ensures implementation of contracts. Leads the work with department to develop budget (expense, capital, and expenditures) and monitor, forecast and report on budget performance. Participates in strategic planning and engineering analysis on EMS infrastructure to ensure system performance. Translates functional goals into programs/projects with significant business impact. Oversees vendor negotiations.

Posted March 9, 2017

Business System Specialist, Principal

Functions as a liaison to Information Technology from the line of business, representing the end users and business process owners in business system requirements, implementations and support. Understands user needs as well as business procedures, processes and systems for the corresponding department. Typically defines user system requirements, provides user support, coordinates user acceptance testing of new tools and consults with the users on new technologies and features that may contribute to business process efficiencies. The incumbent may also perform feasibility analysis, develop project scope, and provide recommendations on alternative solutions, project strategy and deliverable prioritization. The incumbent prepares and delivers business users' system needs to Information Technology and represents user needs in the development of functional specifications.

Posted July 6, 2017

Manager EMS Systems

Develops effective metrics to track report on and improve overall department performance. Develops, oversees, and implements policies, procedures, guidelines, and standards to support business operating plans and goals. Oversees the operations of the Energy Management System such as system support, analysis, development, programming and hardware maintenance. Planning process, and providing frequent open and honest feedback. Works with department to develop budget (expense, capital, and expenditures), and monitor, forecast and report on budget performance.

Posted March 9, 2017

Manager, RAS (Remedial Action Scheme) Operations / Special Protection Schemes (SPS)

Provide direct supervision, staffing, training, coaching and mentoring to management employees and one ESC (Engineer and Scientist of California) represented employee. The direct reports include five Operations Systems Engineers (at various professional levels) that provide

operational and project support for the San Francisco and Pacific Intertie Remedial Action Scheme systems. The ESC represented employee is a Drafter who supports electric transmission operating diagrams.

Manager, Operations Systems, EMS and Technology Support

Manages the EMS Operations Team in 24-hour operations to provide system support, analysis, development, programming, and hardware maintenance for the EMS tool utilized by the Grid Control Center (VGCC), Transmission Control Center (TOC) and Operations Engineering (OE). Researches and explores new technologies and initiatives in line with longer term EMS and technology support goals. Also the manager participates in longer term, strategic planning and engineering analysis on EMS and technology infrastructure. Collaborates with Sr. Manager on establishing annual and longer term department performance expectations/goals. Leads the EMS and technology support teams to achieve department and line of business goals and the individual's development objectives. Develops and enforces procedures to ensure compliance with applicable NERC/CIP Standards. Interacts effectively with external entities (CAISO, WSCC, etc.) for benchmarking and research.

Posted September 10, 2014

Manager, Transmission Operations Security

Manage the PG&E Control Framework process. Lead research, design, development, and implementation activities associated with extremely complex/cross functional requirements. Prepare and present recommendations and alternatives to senior management. Researches and writes in-depth reports. Facilitate/Lead Root Cause Analysis. Conducts/Leads sessions and develops to estimate the cost costs mitigate open compliance findings. Conduct/Lead sessions and develops the costs associated with risk avoidance. Conduct/Lead sessions and develops the likelihood of risk occurrence. Perform any or all job responsibilities associated with the Expert Level position. Lead/conduct and is the expert in the following processes. Continually improve and refine the following processes: Root Cause Analysis & processes for conducting a root cause analysis; estimate the cost to mitigate open compliance findings; estimate the cost of risk avoidance for open compliance findings; determine the likelihood of risk occurrence associated with an open compliance finding and rate the occurrence by High, Medium or Low. Evaluate regulatory, legal, industry, and enterprise requirements (Authority Documents) and identify a normalized group of control objectives to prevent, detect, or minimize risks associated with non-compliance. Evaluate the effectiveness of control activities designed to prevent, detect or mitigate security risks. Represent PG&E at regulatory and agency meetings (CPUC, NERC and Outside agencies).

Posted April 27, 2016

Electric Compliance Specialist, Principal

Works with senior management to support strategic planning and decision making regarding an operating and reliability standards compliance framework for a complex department, multiple departments or an entire line of business. Plans, designs, and gains acceptance for complete compliance frameworks. Anticipates changes in the regulatory environment and takes action to prepare the organization. Contributes new compliance frameworks, initiatives or proactive measures that are regarded as major advances in the company and/or industry. Acts as a consultant to groups internal and external to PG&E in order to benchmark company practices and promote knowledge of regulatory issues. May recommend systems to ensure that all

documentation is current, complete, accurate and in compliance with applicable regulatory requirements.

Electric Compliance Specialist, Expert

Improving overall communication plan and methods (e.g., Intranet Site development, assessment reporting & dissemination, SharePoint utilization and enhancements, etc.) to elevate the CIP community's awareness about program activities derived from compliance assessments (PDA, SVA, etc.), assessment/metrics reporting and program improvement activities, will assist in the development of a new compliance metric scale formula as we continue to mature the program

Posted February 21, 2018

Electric Compliance Specialist, Expert

Oversee CIP program related issues in the Corrective Action Program (CAP). Identify trends and report out on status to ensure adequate risk assessments, causal evaluations, and corrective actions plans are executed in order to reduce compliance risk. Design and Implement an Internal Controls Programs for NERC CIP compliance and develop project proposals improvement initiatives. Oversee the status of NERC CIP potential noncompliance and the process to remediate and mitigate potential noncompliance. This includes oversight of investigations and mitigation plans. Analyze internal workflows, practices and procedural execution for program functions and activities to identify improvement opportunities and shape best practices. Contribute to control improvement initiatives to enhance or improve compliance posture and security practices at the program level. Ability to perform compliance assessments or investigations. Comprehensive knowledge of industry security practices, industry standards and best practices. Participate in NERC CIP industry forums and peer groups.

Posted April 29, 2019

Business Systems Specialist, Principal

Provide support for PG&E's compliance with the NERC and FERC Standards and other miscellaneous engineering support for Operations Systems. Provide engineering and operational support of control systems including advanced network applications, user issues and integration with substations and other internal and external systems.

Business Systems 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. Support day-to-day maintenance activities for Pacific AC Intertie Remedial Action Scheme (PACIRAS) and San Francisco Remedial Action Scheme (SFRAS) including outage clearances. Support project tasks as assigned. Support TSO capital and expense program management.

Posted October 23, 2013

Business System Specialist, Principal

This position functions as a liaison to Information Technology from the line of business, representing the end users and business process owners in business system requirements, implementations and support. Typically defines user system requirements, provides user support, coordinates user acceptance testing of new tools and consults with the users on new technologies & features that may contribute to business process efficiencies. Performs feasibility analysis, develop project scope, and provide recommendations on alternative solutions, project strategy and deliverable prioritization. Prepares and delivers business users' system needs to Information Technology and represents user needs in the development of functional specifications.

Posted June 28, 2017

NERC/CIP Compliance Principal

Develops and implements PG&E's internal compliance framework for various standards. May be assigned to support an entire Line of Business (LOB) or be a member of a department they support exclusively. Principal may limit their scope to one regulatory agency's impact on a specific area of the business or may be involved in the impact of multiple laws and regulations on a department or an entire LOB. Work with Subject Matter Experts and Standards Owners to develop process and controls to ensure that departments are responsible and accountable for their compliance with regulated activities, and comply with reliability standards and requirements. Activities may also include: leading or coordinating audits, preparing reports, developing and maintaining performance metrics, conducting self-certifications, spot checks, and investigations, handling complaints, facilitating reporting and violation mitigation. Ensures consistent use of compliance related data systems, measures results, monitors controls and keeps records of all regulatory compliance filings. Act as liaisons for PG&E with staff at regulatory bodies assigned to investigate specific aspects of PG&E's compliance practices. In order to drive acceptance of Lead cross functional teams and engage in activities such as clarifying responsibilities and commitments, hand-offs, training and communication.

Posted July 8, 2016

Risk & Compliance Analyst, Principal

Manage the PG&E Control Framework process. Lead research, design, development, and implementation activities associated with extremely complex / cross functional requirements. Prepare and present recommendations and alternatives to senior management. Facilitates/Leads Root Cause Analysis. Conducts/Leads sessions and develops the costs to mitigate open compliance findings. Conducts/Leads sessions and develops the costs associated with risk avoidance. Conducts/Leads sessions and develops the likelihood of risk occurrence. Continually improve and refine the following processes: Root Cause Analysis and processes for conducting a root cause analysis; estimate the cost to mitigate open compliance findings; estimate the cost of risk avoidance for open compliance findings; and determine the likelihood of risk occurrence associated with an open compliance finding. Evaluate regulatory, legal, industry, and enterprise requirements and identify a normalized group of control objectives that can be applied across system and business processes to prevent, detect, or minimize risks associated with non-compliance to those requirements. Evaluate the effectiveness of control activities designed to prevent, detect or mitigate security risks. Represent PG&E at regulatory and agency meetings (CPUC, NERC and Outside agencies).

Posted July 22, 2015

Expert Analyst, CIP Program

Leads the development, implementation and maintenance of an operating and reliability standards compliance framework. Monitor and track the performance of all Lines of Business responsible for NERC CIP standards and ensure compliance with national, regional and local regulations. Applies Subject Matter Expertise (SME) in operating and regulatory knowledge to evaluate operating events, disturbances and performance. May lead company response to regulatory data requests, investigations, compliance and regulatory audits and customer inquiries. Provides expertise and training on self-reporting, root cause analysis, and the development of mitigation plans. May respond to ad hoc requests from other lines of business to consult with them on compliance related matters.

Ensures that all documentation is current, complete, accurate and in compliance with applicable regulatory standards. May enter documentation into enterprise database systems.

Posted July 22, 2015

Expert Analyst, Audit Coordinator

Leads the development, implementation and maintenance of an operating and reliability standards compliance framework. Monitors and tracks the performance of all Lines of Business responsible for NERC CIP standards and ensure compliance with national, regional and local regulations. Applies Subject Matter Expertise (SME) in operating and regulatory knowledge to evaluate operating events, disturbances and performance. Lead company response to regulatory data requests, investigations, compliance and regulatory audits and customer inquiries. Provides expertise and training on self-reporting, root cause analysis, and the development of mitigation plans. Respond to ad hoc requests from other lines of business to consult with them on compliance related matters. Ensures that all documentation is current, complete, accurate and in compliance with applicable regulatory standards. May enter documentation into enterprise database systems.

Posted July 22, 2015

Transmission Operations Security – NERC CIP – Technical Support Senior

Develops and implements PG&E's internal compliance framework for various standards. Specialists may be assigned to support an entire Line of Business (LOB) or be a member of a department they support exclusively. Specialists may limit their scope to one regulatory agency's impact on a specific area of the business or may be involved in the impact of multiple laws and regulations on a department or an entire LOB. May work with Subject Matter Experts and Standards Owners to develop process and controls to ensure that departments are responsible and accountable for their compliance with regulated activities, and comply with reliability standards and requirements. Activities may also include: leading or coordinating audits, preparing reports, developing and maintaining performance metrics, conducting self-certifications, spot checks, and investigations, handling complaints, facilitating reporting and violation mitigation. Ensures consistent use of compliance related data systems, measures results, monitors controls and keeps records of all regulatory compliance filings. Specialists may also act as liaisons for PG&E with staff at regulatory bodies assigned to investigate specific aspects of PG&E's compliance practices. In order to drive acceptance of the compliance framework the Specialist may lead

cross functional teams and engage in activities such as clarifying responsibilities and commitments, hand-offs, training and communication.

Posted July 28, 2015

**Electric Compliance Specialist, Senior/Senior Compliance Consultant
(Contractor)**

Support the Transmission Operations Critical Infrastructure Protection (TO-CIP) with program improvement and issue management. Support the remediation and mitigation of issues under our client's CIP program. Responsibilities include: Identifying and documenting program issues/challenges; evaluating and analyzing failures, incidents, and other problems; consulting and coordinating with issue owners in order to develop corrective and preventive action plans to remediate or mitigate issues; tracking and reporting execution of corrective action plans; performing cause evaluations on program issues to identify; participating in business process design and reengineering; and designing program templates for capturing cybersecurity controls implementation and evidence.

Posted November 14, 2017

CONT-Compliance Consultant, Sr.

Lead and participate in cross-organizational projects that will maintain and strengthen PG&E's Shared Services compliance infrastructure. Analyze current compliance processes, benchmark as needed, and provide guidance to officers, directors, and their staffs. Assist Shared Services organizations with the design and implementation of best practice guidance, procedures, controls, and metrics that facilitates employees' ability to find and understand the external and internal compliance requirements that apply to them. Assist with moving the Compliance and Risk Management (CRM) process which consists of the following: Understand and document state, federal, and local compliance obligations Manage requirement changes Review guidance documentation Ensure controls provide reasonable assurance Ensure controls and metrics are implemented and effective Audit compliance processes for adherence to documented procedures and controls As a liaison to Shared Services departments: provide support and guidance as needed for compliance processes; support as needed concerning any compliance questions that may arise; oversee compliance action plan development and follow-up on open items. Conduct quarterly Sarbanes-Oxley (SOX) key self-assessments in accordance with FCC (Finance Compliance & Controls) requirements. Ensure that all testing activities are completed on time, are well documented, are conducted efficiently and professionally, and that all remediation actions are coordinated and effective. For Environmental Services and other Shared Services controls, conduct the testing portion of the self-assessment, as requested by the appropriate SOX Team Leads, ensuring that all test steps are completed and documented accurately. Maintain and support documentation for SOX key control activities and test plans for Supply Chain. This includes updating process maps and ensuring that all supporting documentation is correct and complete for responding to requests from external auditing entities. Complete utility-wide Environmental Compliance Reviews on high risk areas for facilities and projects. Follow all components of environmental review process. Assist with annual schedule development for reviews. Ensure value-add controls and learnings are communicated to LOBs

November 12, 2019

Electric Compliance Specialist, Senior

This position is responsible for providing expertise in regulatory compliance requirements, control implementation, inspection activities, audit preparation, and substation compliance support. This expertise will focus on both physical and electronic protection measures and controls for electronic assets relative to their compliance requirements in support of the NERC CIP Program. Understand existing and emerging NERC CIP standards and requirements applicable to Low and Medium Impact Substations and High Impact Control Centers to assist in compliance oversight activities in support of the PG&E NERC CIP Program.

Effective September 6, 2017 - Posted September 13, 2017

Electric Compliance Specialist, Senior (Contractor)

Support program improvement initiatives in prep for WECC Audit.

Effective 11/27/2017 – Posted December 6, 2017

Electric Compliance Specialist, Principal (Contractor)

Support Audit Prep work around our Internal Controls Evaluation (ICE), RSAWs and Interview Prep.

Effective March 30, 2018

Senior Analyst, CIP Program

Provide expertise and leadership to all aspects of NERC CIP compliance. Work closely with key Line of Business (LOB) contacts and build strong relationships in order to address potential issues and concerns that could affect PG&E's ability to remain in NERC compliance. Work closely with LOBs and team members to identify risks and solutions regarding PG&E's Physical and Cyber assets. Resolve issues and improve the sustainability of NERC CIP V5 Standards 9 and 10.

Posted April 13, 2016

NERC CIP V5 Consultant - Contractor

PMO Support

Posted October 5, 2016

Vendor Support Appian - Contractor

Test automation tool called FitNesse for Appian, will create and automate the test cases for the existing functionality and the train the PG&E team on how to use the tool.

Posted January 22, 2020

NERC CIP CISUP (Critical Infrastructure Security Upgrade Project) Project Management Office – (Posted 8/10/2016)

PMO (Project Management Office) Lead - Contractor

Part of the Project Leadership Team (PLT)/Transition Leadership Team (TLT) and project oversight for the success of the project across all areas. Communicates with Project Sponsors and Stakeholders related to project risks. Focus on CIP PM accountability, leadership and integrated project solution.

Assistant PMO Lead - Contractor

Part of the Project Leadership Team (PLT) and project oversight for the success of the project across all areas. Focus on Audit and Metrics success and CIP PM accountability, leadership & integrated project solution.

CIP Project Manager - Contractor

Project leader for individual CIP WP sub-projects, scope and solution for assigned CIP(s).

CIP Project Manager – Contractor - CIP 008 & Project Archival

Project leader for individual CIP WO sub-projects, scope and solution for assigned CIP(s). Responsible for archival of all project deliverables.

Posted 5/29/2018

PMO Financial Planner - Contractor

Cost management of project, coordination with CIP PM's and project financial performance metrics reporting.

Process & Procedure Integration Lead - Contractor

Coordination of process and procedure work within work group area. Works with CIP PM's on process and procedure scope, accountability and clarification.

Lead Technical Writer - Contractor

Development and oversight of Technical Writing team. Coordination with technical writers.

Technical Writer- Contractor

Assist in updating internal procedural paperwork supporting regulatory processes.

Posted March 26, 2018

Appian Consultants (Contractors)

Assist PG&E personnel on standup Appian Platform for TO-CIP to facilitate CIP Program oversight.

Posted November 16, 2016

Project Manager - Contractor (EPIC 2.15 Project - Synchrophasor Applications for Generator Model Validation).

Primary responsibilities include installation of Synchrophasor PMUs at the Colusa Generating Station, and one other power plant to be determined.

Posted December 13, 2016

Supervisor, Operations Systems SPS

Supervises a group of engineers responsible for the ownership and management of all Special Protection Systems and SPS documentation and compliance. Develops and implements SPS standards and processes and periodically reviews SPS systems and is the visibility of SPS for Operators.

Supervisor, Operations Systems Engineer (Energy Management System)

Leads and supervises the Energy Management System (EMS) section.

Operations Systems Engineer, Expert (EMS)

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.

Operations Systems Engineer, Expert (EMS)

Provide engineering and operational support of Energy Management System (EMS). Coordinate with Systems Automation, RT SCADA on field change and new equipment in service. Maintain EMS SCADA Model.

Operations Systems Engineer (EMS)

Develops and implements guidelines and process documentation. Assists in the development and implementation of guidelines and process documentation. Customizes and upgrades operating and related systems to meet ongoing user needs. Supports relationships with business units and external agencies. Acts as a first point of contact for multiple internal and external clients and consults with more senior engineers on more difficult issues while ensuring critical needs are met quickly and efficiently. Builds and maintains strong relationships with business units and external agencies

Updated 2/19/2020

Operations Systems Engineer, Associate (EMS)

Provide engineering and operational support for the Energy Management System (EMS) under the guidance of Senior Engineers.

Contract Project Manager – (Accenture)

Accomplishes technology project results by communicating job expectations; planning, monitoring, and appraising job results; coaching, counseling, and disciplining employees; initiating, coordinating, and enforcing systems, policies, and procedures. Maintains organization's effectiveness and efficiency by defining, delivering, and supporting strategic plans for implementing information technologies. Directs technological research by studying organization goals, strategies, practices, and user projects. Completes projects by coordinating resources and timetables with user departments and data center. Verifies application results by conducting system audits of technologies implemented. Accomplishes project financial objectives by forecasting requirements; preparing an annual project budgets; scheduling expenditures; analyzing variances; initiating corrective action. Maintains quality service by establishing and enforcing organization standards.

Posted July 12, 2017

Operations Systems Engineer, Associate

Support PACIRAS and SFRAS systems in San Francisco. Support day-to-day maintenance activities for PACIRAS and SFRAS including outage clearances. Support HMI (Human Machine Interface) updates, design, and testing. Support controller programming updates and testing as needed. Support SMP Gateway updates, design, and testing. Perform troubleshooting tasks for all systems. Support project tasks as assigned. Support all NERC CIP related activities including system testing and documentation. Participate in on-call rotation.

Operations Systems Engineer, Associate

Provide engineering and operations support for the Energy Management System (EMS) under the guidance of Senior Engineers.

Posted April 9, 2014

Operations Systems Engineer, Senior (SPS)

Responsible for identifying and addressing gaps in the SPS processes at PG&E. Work with various SPS Stakeholders to identify and address gaps in SPS processes. Develop and implement new processes for SPSs from inception through retirement. Evaluate and quantify risks associated with each scheme. Work with various SPS Stakeholders to risk rank all SPS. Support other departments involved in SPS processes. Provide training and mentorship to associate and journey level positions within the group. Provide support to RAS Operations as needed.

Posted April 9, 2014

Operations Systems Engineer, Associate (SPS)

As a member of the RAS Operations Team, the successful candidate will be responsible for continuous improvement projects and compliance driven activities surrounding PG&E's local RASs, SPSs and UVLSs. The successful candidate will work closely with engineers in other departments to enhance reliability and reduce risks associated with RAS, SPS and UVLS schemes throughout the PG&E transmission system.

Posted 7/12/2021

Operations Systems Engineer, Expert

Support day-to-day maintenance activities for PACIRAS and SFRAS including outage clearances. Support HMI (Human Machine Interface) updates, design, and testing. Support controller programming updates and testing. Support SMP Gateway updates, design, and testing. Perform troubleshooting tasks for all systems. Support project tasks as assigned. Support all NERC CIP related activities including system testing and documentation. Participate in on-call rotation.

Posted January 14, 2016

Operations Systems Engineer

Develop expertise to test, maintain, and troubleshoot EMS systems, including SCADA model, NETWORK model, SCADA front-ends, communications, state estimation, and supporting applications.

EMS Contractors

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

Special Protection Systems (SPS) Contractor

Update current procedures and develop new procedures surrounding Special Protection Schemes.

Operations Systems Engineer, Expert (RAS)

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

Operations Systems Engineer, Associate (RAS)

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

Operations Systems Engineer Associate (EMS)

Provide engineering and operations support for the Energy Management Systems (EMS) under the guidance of senior engineers.

ROTATIONAL OT Protection Specialist, Expert

The Operational Technology (OT) Protection Specialist is responsible for providing OT systems (Automation, SCADA, System Protection, System Operations, etc.), with expertise on specific asset technical configuration and protection capabilities relative to secure and reliable system operation. This expertise will focus on technical configurations and protection capabilities of individual assets relative to their compliance requirements in support of the NERC CIP Program. The incumbent is expected to understand existing and emerging OT capabilities, and assist OT systems with developing near and long term strategies for integrating capabilities to support NERC CIP Program compliance and objectives.

Posted October 5, 2016

Drafter

Provide electric transmission grid operating diagram mapping support.

Data Analyst (Administrative Contractor)

Build databases to support the TOS organization. Maintains and administers servers and middleware tools and ensure database security, including backups and disaster recovery communication. Technical lead for SQL Server and database projects.

Posted February 4, 2016

Electric Business Systems Support Specialist (Technology Center)

Monitor the status of the entire technology infrastructure utilized by the System Dispatchers and Operators; monitor EMS, RT-SCADA and RAS servers, network status and utilization, and data communications into and out of the primary and backup control centers; act as a central point of contact to coordinate technology support for the TSO and will manage the interaction between TSO and other business groups to provide resolution to any technology related issues.

Senior Business Performance Analyst

Monitor the status of the entire technology infrastructure utilized by the System Dispatchers and Operators - includes monitoring EMS, RT-SCADA and RAS servers, network status and utilization, and data communications into and out of the primary and backup control centers. Act as a central point of contact to coordinate technology support for the TSO. Manage the

interaction between TSO and other business groups to provide resolution to any technology related issues.

Business System Specialist

Functions as line of business support for technology support provided by Operations Systems, representing the end users and business process owners in business system requirements, implementations and support. Understands user needs as well as business procedures, processes and systems for the corresponding department. Works with users on system requirements, provides user support, coordinates and/or conducts system testing of changes or additions to systems and works with the end users on enhancements or improvements to technologies. Performs feasibility analysis and provide recommendations on alternative solutions. Prepares and delivers business users' system needs to Operations Systems and may represent user needs in the development of functional specifications.

Posted March 10, 2015

Business System Specialist Associate

Functions as line of business support for technology support provided by Operations Systems, representing the end users and business process owners in business system requirements, implementations and support. Understands user needs as well as business procedures, processes and systems for the corresponding department. Works with users on system requirements, provides user support, coordinates and/or conducts system testing of changes or additions to systems and works with the end users on enhancements or improvements to technologies. Performs feasibility analysis and provide recommendations on alternative solutions. Prepares and delivers business users' system needs to Operations Systems and may represent user needs in the development of functional specifications.

Posted March 18, 2015

Management Trainee (EDRP)

Provide engineering and operational support for the Energy Management System (EMS) under the guidance of Senior Engineers.

EMS Display Builder (Contractor)

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

Summer Intern

Update and maintain SCADA, Network, and associated displays in dynamic real-time operations environment using Alstom FG Display Builder software. Update Primate (digital mapping visualization software) displays utilized by real-time operations to monitor PG&E's transmission system. Coordinate with other departments within PG&E to ensure Energy Management System (EMS) and associated applications and systems are available 99.95% for real-time transmission operators, dispatchers, and operations engineers.

Engineering Intern

Map and monitor electric line models within the real-time applications and reporting any irregularities back to the team. This includes analysis of network & server documentation along with evaluating the various applications on the Operational Data Network (ODN).

Posted September 8, 2015

Project Manager (Contractor)

Project Manager for the EPIC Distributed Series Reactor Demonstration Project. Major job responsibilities include managing the schedule, budget, and coordinating planning, engineering, procurement, and construction activities for the EPIC DSR Demonstration Project.

Posted June 17, 2015

Vendor Support (Alstrom Contractor)

This position is a non-PG&E employee that has remote access to PG&E systems for the purpose of technical support of software applications used by PG&E Transmission Control Room Staff. The software is utilized 24/7 and support is required in order to maintain a high availability. This position is an employee of the vendor and does not have physical access to PG&E facilities.

Vendor Support (Quanta Contractor – Project Lead)

Provide technical and project management support for Distributed Series Reactor Demonstration Project.

Posted February 9, 2016

Vendor Support (Bridge Energy Group)

Work with PG&E stakeholders and STRP to finalize the project schedule and align key tasks and deliverables, engage the project stakeholders and identify the documentation that will be required for the Play Book. Conduct a current state review which will include review of current STRP schedule and technologies and Transmission Operations schedule and technologies. Conduct interviews with key stakeholders including the Research and Development group, Transmission Systems Operations, Operations Technology and Information Technology groups. Identify the steps PG&E will need to take to insure a smooth transition from the current state to a production ready scenario. The Play Book includes the tasks required to build out the technical architecture and support model for the end to end synchrophasor data collection, integration and application software in production. Work with Electric Operations stakeholders to identify the associated Operational Technology (OT) support processes that will be required. Identify the business transition / change management and training that will be required to support the rollout to the control center.

Posted August 25, 2015

Vendor Bridge Energy Group Consultant

Provide technical and project management support for Synchrophasor Phase 2 Project.

Posted May 10, 2016

Vendor Bridge Energy Group Consultant

Provide technical and project management support for SCADA communication upgrade project.

Posted October 20, 2016

Vendor Bridge Energy Group Consultant

Determine if the attributes released constitute Critical Cyber Asset Information (CIP Version 3) or Bulk Electric System (“BES”) Critical Asset or System Information (CIP Version 5).

Determine if the attributes released represent a risk to PGE’s Bulk Electric System and then characterize the risk, if applicable. Provide supporting documentation, if required.

Posted September 20, 2017

Vendor Support (Alstrom – Power Engineer Project Manager)

The primary Alstrom Grid point of contact for PG&E. Empowered to commit to changes in project scope, schedule or budget. Technical and financial responsibility for the project, including assisting in the proposal development, through reviewing costs and schedules, to delivering the project within schedule and budget. Responsible for the installation and functionality of technical delivery.

Posted August 11, 2015

Systems Analyst – Contractor (Smart Wire Vendor Support)

Perform analysis of test data for the Distributed Series Reactor Demonstration Project.

Posted April 27, 2016

Database Analyst

Assist the EMS team to overhaul the legacy code that is used to move data from server to server.

Posted November 24, 2015

Technical Assistant

For the EMS team, monitor the support requests received by email. Respond to support requests and questions. Diagnose and/or clarify and/or resolve support requests. Seek appropriate guidance for more complex matters. Monitor the performance of the systems.

Posted November 24, 2015

CONT - Project Manager, Principal

Clearly articulate project objectives and benefits and comprehension of the project scope, schedule and lead the planning and management of business completion with special emphasis on change management project controls through a complete and thorough use of responsibilities. Manage scope and budget and maintain a positive work environment that encourages participation in project kick-off meetings, communicate expectations. Plan and monitor project deployment, monitor project milestones and critical dates to identify ways to resolve schedule issues. Keep management updated on the project plan for business related activities and ensure the project remains within specified scope. Manage day-to-day team and client communication project deliverables and by managing the issue resolution.

Posted October 8, 2018

TRANSMISSION OPERATIONS ENGINEERING

Sr. Manager, Transmission Operations Engineering

Develops and evaluates systems, process, and facilities to support PG&E's objectives to demonstrate compliance with NERC/WECC/CAISO Reliability Standards. Represent Electric Sets priorities and leads the engineering team providing technical support to Electric Operations. Oversee area Operations Engineers process and practice on applications for work (AFWs) prioritizing work activities and employee workloads in order to meet changing customer/client needs while ensuring compliance with regulatory requirements, CAISO obligations and reliability standards. Promotes the reliable and economic operation of the transmission system by maintaining relationships and attending monthly, quarterly and/or ad hoc meetings with contacts at the following external organizations: California Independent System Operator (CAISO), Western Electricity Coordinating Council (WECC), North American Electric Reliability Corporation (NERC), Federal Energy Regulatory Commission (FERC), municipal utilities, generators, neighboring utilities, and others as required. Provides support and maintains relationships with key internal organizations including Systems Dispatch, Transmission Operations, TSM&C, Project Managers, TOPs, Transmission Planning, and Asset. Acts as Planning & Intelligence (P&I) Chief for the Electric Transmissions Emergency Center (ETEC) during emergency situations such as major storms, heat waves, and tsunamis.

Posted Monday, July 14, 2016

Supervising Transmission Operations Engineer

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.

Transmission Operations Engineer - Principle

Handle critical compliance activities with NERC, WECC, and FERC on Reliability Standards. Responsible for verifying the company's compliance with Reliability Standards and requirements. Investigate events and reports to WECC. Manage the company's Underfrequency Load Shedding (UFLS) program.

Management Trainee – Engineering

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.

Power System Engineer, Associate

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. Support the analysis tools used by the TOC and Operations Engineering. Provide emergency support during system emergencies.

Updated May 13, 2019

Supervisor, Transmission Operations Engineering

Operations Engineering group ensures that engineering analysis and technical recommendations for operating PG&E's electric transmission system are done with safety, reliability, and compliance with WECC, NERC and FERC standards in mind. This position is responsible for working with operating engineers on compliance and bulk electric system assessment (studies and real-time). Coach and develop critical operating engineers to ensure the continued compliance and regulatory obligations for the transmission grid.

Posted December 13, 2017

Transmission Operations 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.

Transmission Operations Engineer

Provides timely and accurate engineering analysis, contingency analysis and clearance support, operating procedures and instructions, power flow studies, and other technical support concerning operation of the electric system to internal and external partners. Uses independent judgment in applying engineering principles and techniques to determine cost effective and practical solutions. Provides guidance and support on compliance with industry standards (e.g. NERC, WECC, Peak RC) to operations personnel and may develop compliance programs. May provide technical training to operations personnel. Participates in post-event analysis as needed.

Posted August 10, 2016

Senior Transmission Operations 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.

Senior Consulting Transmission Operations Engineer

Promote the development of transmission reliability and operational projects. Represent PG&E with agencies and other non-PG&E entities in regard to the operation of the PG&E transmission system. Consulting certification required.

Transmission Operations Engineer - Journey

Study impacts of power system outages on the power system. Recommend procedures to prevent violation of operating criteria. Participate in the development of internal and external (CAISO) operating procedures. Participate on project teams for planned upgrades impacting the transmission system. Identify transmission system capacity, voltage or reliability deficiencies. Lobby Transmission Planning and Asset Management groups for project solutions for capacity, voltage and reliability deficiencies. Participate in Company emergency response. Provide real-time support for System Operators / System Dispatchers. Prepare Seasonal Assessment reports.

Provide annual System Operator / Dispatcher training based upon assessments.

Transmission Operations Engineer - Journey

Technical and 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.

Transmission Operations Engineer, Journey

Provides engineering and technical support to Transmission Grid Operations. Investigates and analyzes assigned technical issues, with supervision of method, progress, and resources. Assists other engineers, project teams, and supervisor by developing, compiling, and providing technical data. Applies basic engineering principles and scientific theory. Prioritizes, plans, and recommends solutions. Provide emergency support during system emergencies.

Posted August 16, 2021

Entry Engineer

Produce morning report, assist engineers with clearances, attend walk-downs, gather data, perform load flow analysis, observe and learn operating methods and procedures.

Power System Engineer (Contractor)

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

Contract Engineer

Provide power system engineering support to the PG&E Transmission Operations Engineering Department. Primary tasks will be: Daily transmission clearance analysis; over flow studies using PSLF; power system data analysis (using OSI PI); and project conference call participation as needed.

Posted June 8, 2016

CONT-Asset Management Analyst

Travel to PG&E Substations, to identify each of the NERC Assets within the substation against current AMPS list by placing NERC signs on each of the identified assets. Identify and document, investigate any items not on inventory list coordinate with substation personnel to determine if asset should be on the AMPS list. Document the Bldg number, Rack #, and Drawer number of each asset and update SAP or Remedy as required.

November 19, 2019

TRANSMISSION AND DISTRIBUTION BUSINESS APPLICATIONS

(Posted June 15, 2016)

Director, Electric Business Systems

Serves as an integral strategic partner and business liaison in technology decisions who understands user needs as well as business content, procedures, processes and systems for the corresponding business unit(s). Supervises teams that partner with business process owners and systems end users to define system requirements, provide user support, coordinate user acceptance testing (UAT) of new tools. Consults with the business on new technologies and features that contribute to business process efficiencies.

Sr Manager, Electric Business Systems

Serves as an integral strategic partner and business liaison in technology decisions who understands user needs as well as business content, procedures, processes and systems for the corresponding business unit(s). Supervises teams that partner with business process owners and systems end users to define system requirements, provide user support, coordinate user acceptance testing (UAT) of new tools. Consults with the business on new technologies and features that contribute to business process efficiencies.

Manager, Electric Business Systems

Serves as an integral strategic partner and business liaison in technology decisions who understands user needs as well as business content, procedures, processes and systems for the corresponding business unit(s). Supervises teams that partner with business process owners and systems end users to define system requirements, provide user support, coordinate user acceptance testing (UAT) of new tools. Consults with the business on new technologies and features that contribute to business process efficiencies.

Manager, SCADA

The Manager, SCADA (Supervisory Control and Data Acquisition) is responsible for the availability, maintenance and new equipment installation of all distribution SCADA devices. The incumbent develops and provides real time metrics that indicate the overall health of the SCADA system and prioritize the repairs of SCADA integrated devices such as radios, line reclosers and back-up batteries. He/She supports and expands SCADA switching automation to improve electric reliability and outage response. The incumbent leads the SCADA team and also shapes policy regarding PG&E's future SCADA systems. The Manager develops a safety culture and ensures staff adheres to all safety regulations, standards, and policies.

Program Manager (Contractor)

Provide project management support for design, development and implementation of Asset Diagnostic Center applications and processes. Contractors will provide project management services along with technical assistance in the effort to re-purpose the 15th floor control center as Asset Diagnostic Center under the direction of PG&E project team.

Posted March 28, 2017

Business Project Manager, Principal

Leads the development and implementation of non-technical business projects or administrative projects from inception to closeout utilizing project management tools and methodologies to manage the scope, schedule and cost.

Supervisor, Electric Business Systems

Serves as an integral strategic partner and business liaison in technology decisions who understands user needs as well as business content, procedures, processes and systems for the corresponding business unit(s). Supervises teams that partner with business process owners and systems end users to define system requirements, provide user support, coordinate user acceptance testing (UAT) of new tools. Consults with the business on new technologies and features that contribute to business process efficiencies.

Supervisor, SCADA Operations

Leads a team to efficiently and safely manage the SCADA system and related equipment. Oversees and facilitates commissioning, installation and maintenance of substation and distribution SCADA field devices and follows Critical Operating Equipment (COE) processes to drive high availability of the substation and distribution SCADA system. Assists in long term planning of SCADA installation and upgrade in support of achieving superior results and return on SCADA investment.

Business Systems Specialist, Principle

Provide expert consulting in business and user needs. Analyze end-to-end, complex business processes and coordinate with IT to develop and implement solutions to information needs. Advises on the impact(s) of technical changes to cross-functional processes. Identify, propose and influence solutions and define & document business requirements to complex business problems. Leads necessary training, change management and communications associated with system implementations. Anticipate user concerns and questions, and provide proactive, timely and professional communications. Support the business in the production and implementation of the multi-year technology roadmap. Act in a Governance role for user and business communications related to suggested technology enhancements. Lead steering committee with Business and IT teams that define, review and approve requirements for enhancements. Provides oversight and high level review of UAT results. Provides leadership on the business analysis work that has strategic importance for the corresponding IT organization.

Posted March 9, 2017

Business System Specialist

Functions as a liaison to IT from the line of business, representing the end users and business process owners in business system requirements, implementations and support. Defines user system requirements, provides user support, coordinates user acceptance testing of new tools and gathers user's feedbacks. Performs feasibility analysis, develops project scope, and provides recommendations on alternative solutions, project strategy and deliverable prioritization.

Business System Specialist

The Business Systems Specialist is responsible for supporting Transmission Operations Business Systems and Operational Technologies. This position is responsible for TOTL (Transmission Operations Tracking & Logging), CPT (Control Point Tool), TAFW (Transmission Application for Work) and additional applications used to support the Grid Control Centers. The role partners with business process owners and systems end users to define system requirements, coordinate user acceptance testing and to consult on new technologies & features that contribute to business process efficiencies. The role prepares and delivers business users' system needs to Information Technology and represents user needs in the development of functional specifications. They may also analyze solution design and related work products and validate that they satisfy business requirements through such methods as user acceptance testing.

Posted March 4, 2020

Business System Specialist, Senior

Functions as a liaison to IT from the line of business, representing the end users and business process owners in business system requirements, implementations and support. Defines user system requirements, provides user support, coordinates user acceptance testing of new tools and gathers users' feedbacks. Performs feasibility analysis, develops project scope, and provides recommendations on alternative solutions, project strategy and deliverable prioritization.

Business System Specialist, Expert

Functions as a liaison to IT from the line of business, representing the end users and business process owners in business system requirements, implementations and support. Defines user system requirements, provides user support, coordinates user acceptance testing of new tools and gathers users' feedbacks. Performs feasibility analysis, develops project scope, and provides recommendations on alternative solutions, project strategy and deliverable prioritization.

Business Systems Specialist, Expert

Develop a strong understanding of internal customer needs (grid operators, engineers, construction crews, etc.) and prioritize product features and use cases accordingly. Support execution of Electric Operation's smart grid and data product roadmap, and serve as department power user of business intelligence platforms. Build expertise with internal technology platforms including data historian, SCADA, DMS, smart meter, etc. Engage PG&E stakeholders and technology solution end users to understand people, process, and technology components of new technology solutions, to prioritize use cases and product features. Manage the relationship with PG&E IT personnel to drive successful implementation of pilot solutions that meet defined business requirements. Collaborate with other PG&E engineers to identify opportunities to evaluate how to leverage advanced technologies to enhance grid monitoring.

Posted September 26, 2017

Business Analyst, Expert

Manage the project portfolio for the T&D Business Applications organization. The role is responsible for Technical Project Management, supporting application development, operational technology support (Control Center tools), and producing high quality deliverables that meet or exceed targets. The individual will also be provided opportunities to develop in other areas such as business process improvement, finance, emerging technology, and other initiatives.

Posted 7/12/2021

Distribution Operations Specialist, Senior

Provides expert knowledge support to the control centers. Applies journeyman level technical knowledge to support sessions, projects, audits activities that ensure improved safety, reliability and efficiency of control center operations processes. Develops, designs, and maintains standards bulletins, manuals, job aids and tailboards regarding electric operations standards and work procedures.

Distribution Operations Specialist, Expert

Provides expert knowledge support to the control centers. Applies journeyman level technical knowledge to support sessions, projects, audits activities that ensure improved safety, reliability and efficiency of control center operations processes. Develops, designs, and maintains standards bulletins, manuals, job aids and tailboards regarding electric operations standards and work procedures.

Data Steward

Develop (and/or provide oversight in the development of) appropriate data models for new systems. Develop (and/or provide oversight in the development of) appropriate data models for enhancements to existing systems. Manage metadata. Manage master data. Develop data governance plan for the data owned by the EGO Business Applications organization. Develop data quality improvement plans for the data owned by the EGO Business Applications organization. Collaborate with the owners of information systems outside of the EGO Business Applications organization, such as GIS, to drive data quality improvement in those systems. Document all work following industry standard tools

Posted August 5, 2020

MBA Rotational

2 Year rotational role to support Continuous Improvement (CI) Initiatives in the Electric Operations Business Technology team; specific initiatives to include but not limited to the following opportunities:

- Emergency Operations Center (EOC) Outage Management Storm Report Reconciliation
- Change Management opportunities for ED PI, Smart Meter Loading, and Electronic Switch Writing

Distribution Control Center (DCC) Operational Dashboard.

Posted September 22, 2016

MBA Program Associate

As an MBA Leadership Program Associates have two major rotation assignments in critical business functions including a field rotation, where they will be able to learn firsthand what it takes to ensure customers receive safe, reliable, and affordable energy. They will be accountable for specific deliverables and share team responsibility for a broader set of initiatives.

Posted September 20, 2017

SCADA Specialist

Ensures the availability, integrity, and reliability of assigned SCADA systems. Provides application solutions, development, advice, and assistance to clients to design, develop, integrate, and maintain SCADA systems. Conducts analysis, programming, troubleshooting, recommending solutions, and implementing fixes associated with SCADA systems and applications. Conducts systems modeling, migration, and administration. Prepares and reviews design documentation.

SCADA Specialist

Ensure the availability, integrity, and reliability of assigned SCADA/FLISR systems. This position provides YFA Software application solutions, development, advice, and assistance to clients to design, develop, integrate, and maintain SCADA/FLISR systems. Conducts analysis, programming, troubleshooting, recommending solutions, and implementing fixes associated with SCADA/FLISR systems and applications. Prepares and reviews design documentation.

Posted October 12, 2016

SCADA Specialist, Senior

Ensures the availability, integrity, and reliability of assigned SCADA systems. Provides application solutions, development, advice, and assistance to clients to design, develop, integrate, and maintain SCADA systems. Conducts analysis, programming, troubleshooting, recommending solutions, and implementing fixes associated with SCADA systems and applications. Conducts systems modeling, migration, and administration. Prepares and reviews design documentation.

SCADA Specialist, Expert

Ensures the availability, integrity, and reliability of assigned SCADA systems. Provides application solutions, development, advice, and assistance to clients to design, develop, integrate, and maintain SCADA systems. Conducts analysis, programming, troubleshooting, recommending solutions, and implementing fixes associated with SCADA systems and applications. Conducts systems modeling, migration, and administration. Prepares and reviews design documentation.

Business Technology Specialist, Senior

Functions as a liaison to IT from the line of business, representing the end users and business process owners in business system requirements, implementations and support. Defines user system requirements, provides user support, coordinates user acceptance testing of new tools and gathers user feedback. Performs feasibility analysis, develops project scope, and provides recommendations on alternative solutions, project strategy and deliverable prioritization.

Posted October 12, 2016

Project Manager –ADMS RFP (Contractor)

Manages the RFP development, scoring and selection process for our upcoming ADMS upgrade effort. This will include interviewing SMEs and developing requirements, delivering a final RFP, developing a scoring approach, managing the RFP process with external vendors, and guidance on the final vendor selection.

Posted December 6, 2017

Development Lead –ADMS RFP (Contractor)

Leads the RFP development process for our upcoming ADMS upgrade effort. This will include interviewing SMEs, developing requirements, delivering a final RFP, and managing the RFP process with external vendors.

Posted December 6, 2017

Project Analyst –ADMS RFP (Contractor)

Assists in the development and coordination of the RFP process for our upcoming ADMS upgrade effort.

Posted December 6, 2017

Subject Matter Advisor –ADMS RFP (Contractor)

Provides guidance to the contractor and PG&E teams on the RFP development process, scoring, and final vendor selection for our upcoming ADMS upgrade effort.

Posted December 6, 2017

Change Management Lead (Contractor)

Responsible for developing and executing change management plans for the Transmission SCADA Replacement Project within the Transmission Operations organization. The personnel will develop stakeholder analysis documentation and inventory, will develop and execute communication plans to ensure all employees impacted by the project are engaged at the right levels and that they accurately understand the scope of the project and the supporting business drivers

Posted August 8, 2019

Change Management Analyst (Contractor)

Responsible for developing and executing change management plans for the Transmission SCADA Replacement Project within the Transmission Operations organization. The personnel will develop stakeholder analysis documentation and inventory, will develop and execute communication plans to ensure all employees impacted by the project are engaged at the right levels and that they accurately understand the scope of the project and the supporting business drivers

Posted August 8, 2019

SCADA Diagram Dev Specialist (Contractor)

Conducts analysis, programming, troubleshooting, recommending solutions, and implementing fixes associated with SCADA systems and applications diagram development. Prepares and reviews design documentation.

SCADA Contractors – Bridge Engineering Group (Posted November 8, 2016)

Project Manager

Responsible for the project plan, scope, delivery schedule and tracking budget to actuals for BRIDGE Energy. Works with the PG&E Project Manager to coordinate PG&E resources, provides project communication and status reporting.

Technical Lead

Responsible for the overall technical architecture of and data integrations. Lead for design specifications for the OSIsoft PI AF, Database and Integrations. Provides expertise in executive & operations dashboard design, data modeling and integration with OSIsoft PI AF.

Lead Developer

Responsible for the design and deployment of the OSI PI AF Architecture and Data Integrations. Works with PG&E IT team to install & configure the IT infrastructure and dashboard toolset. Responsible for the extract/transform/load applications for FLISR data.

Business Analyst

Responsible for the collecting requirements, developing process maps and documenting functional specifications. Provides Quality Assurance review of all documentation, development of new processes for O&M and dashboard end users, development of System Test cases, and development of training materials.

Business Analyst, Contractor

Participate in the coordination of new processes or procedures along with business architects, communication and training teams to ensure proper training and development before roll out of next steps. Work with the SM project team to proactively identify possible gaps to processes, training needs and communication vehicles to support roll out. Next steps will involve close collaboration efforts and understanding of SM deployment, field delivery, SM technologies and products. Combine efforts and participation of other team members within Change Management to actively promote and demonstrate the strength of team participation.

Effective April 2, 2018

Distribution Subject Matter Expert

Responsible for leading the scope confirmation effort (Requirements, Use Case, mockups, and prototype review). Facilitates the functional design workshops with Stakeholders, Users, Application Support and IT for the FLISR Dashboard.

Business Operations Specialist, Associate

Provides organizational support for the monitoring/solutioning the progress of T&D Grid Technology business model integration, monitoring technology utilization performance, and ensuring T&D Business Applications project/initiative work streams are following consistent implementation models, change management processes, training approach and overall communications.

Posted February 1, 2017

Developer

Lead for the development of the dashboard user interface (UI). Supports the FLISR data catalog and database for the dashboard.

Data Analyst / Wrangler

Responsible for leading the FLISR Data quality assessment.

Supervisor, Business technology

Serves as an integral strategic partner and business liaison in technology decisions who understands user needs as well as business content, procedures, processes and systems for the corresponding business unit(s). Supervises teams that partner with business process owners and systems end users to define system requirements, provide user support, coordinate user acceptance testing (UAT) of new tools. Consults with the business on new technologies and features that contribute to business process efficiencies.

Effective 6/18/2018

Vendor Support

The vendor will support T&D Business Applications Operational Technologies. This position is responsible PM work and technical solutioning for mission critical control center tools. The role partners with business process owners and systems end users to define system requirements, coordinate user acceptance testing and develop new technologies & features that contribute to business process efficiencies. The vendor will also analyze solution design and related work products and validate that they satisfy business requirements.

Effective 4/26/2021

ELECTRIC GRID INTERCONNECTION

(Name changed from Electric Generation Interconnection to Electric Grid Interconnection September 1, 2017)

Director, Electric Generation Interconnection

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 EGI 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.

Interconnection Manager

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 EGI Manager.

EGI Supervisor – Contracts and Accounting

Supervises a team of contract analysts and accounting analysts who are responsible to manage and administer the EGI Interconnection Agreements, and perform project accounting and settlements throughout the project lifecycle and into operations and maintenance of the generating facility. Proactively monitor and administer all EGI Agreements per regulatory requirements and best practices. Track, invoice, and process all project charges, payments and true-ups per regulatory requirements and best practices.

Sr. EGI Analyst

Manages the Network Refund program and provides accounting control, analysis, and scheduling related to the interconnection process. Proactively work with the customer and EGI 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 lines of business to plan, coordinate, and monitor accounting related to interconnection projects. Provide project/program status and metrics reports to management and provides recommendations based on an analytical approach.

Job title changed December 2, 2013

Sr. EGI Analyst

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 EGI 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 lines of business 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.

EGI 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 EGI 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 EGI Calendar.

EGI 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.

EGI Senior Business Analyst

The Senior Business Analyst acts as the business expert filling a liaison role between the IT development group and business units for development, enhancement, and implementation of new and/or existing systems. Additionally, this position provides data and reporting solutions to satisfy informational and performance metrics needs for one or more business functions

Posted March 14, 2018

Retail R21, Complex NEM Supervisor

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 EGI 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 EGI at internal and external meetings and presentations.

Posted November 16, 2013

Supervising Interconnection 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 EGI 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.

Sr. Interconnection 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.

Interconnection 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 EGI analysts.

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.

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.

Interconnection Manager

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 EGI Manager.

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

Associate Interconnection 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.

Associate Interconnection Manager

This Interconnection Manager position is the first in progression and is responsible for managing the interconnection request while serving as the interface between the interconnection customer and the various Company departments involved in the interconnection process. This position handles interconnection requests that are processed under the FERC and/or CPUC jurisdiction that can interconnect to transmission and/or distribution voltages. In this role, there are no direct reports; rather people and other resources are coordinated with as part of a project team. External contacts include management of customer relationships. Interconnection project duration is typically less than 1 year. The level of responsibility of this position increases with experience.

Revised job description October 7, 2015

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 EGI 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.

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.

Sr. EGI Analyst

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 EGI 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 lines of business 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.

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 EGI 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.

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 EGI analysts.

Sr. Risk Compliance Specialist

Work with other members of the team to perform risk assessments and to design and implement appropriate internal controls to help minimize the organization's risk exposure. Develop and implement quality control procedures to assess performance and measure adherence to quality standards and guidelines. Work with stakeholders across the organization to achieve compliance to applicable laws, regulations, and Company standards and procedures.

Senior IT Project Manager

Leads a team that designs and installs new IT technical architecture and infrastructure systems, or enhancements to existing systems. Project Managers are responsible for assembling the project team and using cost and scheduling tools to define the scope, budget, and resource needs, and controlling other project variables. PMs may also function as a liaison between IT and the Business Client, and act as the go-to person to represents the entire project from the planning through the deployment and release to operations stage.

Posted March 5, 2018

EGI Operations Supervisor

The EGI Supervisor manages an interconnection program with a team of Interconnection Specialist who facilitate the end-to-end interconnection process for generation customers. The successful candidate 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.

Effective April 16, 2018

EGO Compliance, Expert

The Electric Compliance Expert develops and implements Electric Grid Operations (EGO) internal compliance framework for all NERC Standards and assures an always ready compliance audit posture. The Expert will be assigned to support an entire EGO Line of Business (LOB) and will take the lead coordinating with other Electric T&D organizations to make ready and respond to internal and external audit requests. The Compliance Expert will be hands on with assuring compliance documentation is always available and work with Subject Matter Experts and Standards Owners to develop process and controls to ensure that departments are responsible and accountable for their compliance with regulated activities, and comply with reliability standards and requirements. Activities may also include: leading or coordinating audits, preparing reports, developing and maintaining performance metrics, conducting self-certifications, spot checks, and investigations, handling complaints, facilitating reporting and violation mitigation. The incumbent ensures consistent use of compliance related data systems, measures results, monitors controls and keeps records of all regulatory compliance filings. The Expert will also act as liaison for PG&E with staff at regulatory bodies assigned to investigate specific aspects of PG&E's compliance practices. In order to drive acceptance of the compliance framework the Expert may lead cross functional teams and engage in activities such as clarifying responsibilities and commitments, hand-offs, training and communication.

Effective July 12, 2018

ELECTRIC TRANSMISSION CONTRACT MANAGEMENT

Manager, Electric Transmission Contract Management

Perform the day-to-day management of the FERC jurisdictional wholesale transmission and distribution interconnection contracts by planning, directing and overseeing the Electric Transmission Contract Management staff activities. Identify and implement employee engagement and development plans, manage employee performance, manage processes to ensure compliance with contract and tariff requirements, lead the resolution of complex policy issues and negotiations.

Electric Transmission Contract Manager

The Contract Manager is responsible for managing FERC wholesale electric transmission and distribution interconnection contracts with neighboring utilities, primarily municipal utilities and other governmental entities. Also, the Contract Manager is responsible for all duties associated with assigned contracts and will work closely with other PG&E departments including Law, Transmission Planning, Service Planning, FERC and ISO Relations, Governmental Relations, and others to ensure contract provisions are managed and applied appropriately. The Contract Manager will handle new interconnection requests, negotiate new or amended contracts, and facilitate resolution of engineering, operating, and planning issues. The Contract Manager will

also work with external entities such as regulators, courts, competitors, customers, and the CAISO.

Effective November 9, 2015

Contract Manager, Principle

Extensive and unique knowledge of the contracts processes and customers/stakeholders. Support the development of regulatory policies and takes part in the regulatory proceedings related to CCSF contractual relationships. Manage the development of new contract, policies, and practices. Manage the development of new and complex service strategies and solutions involving internal and external resources. Leads the most complex cross-functional projects and contracts. Provides active guidance, support, mentorship and training for less experienced contract managers. Provide critical operational perspective in the development of business and strategies; advocate/present operational issues for consideration. Comprehensive and unique understanding of systems and tools to keep internal and external stakeholders informed on critical contract issues. Works closely with senior leadership (both internal and external) on utility and business strategies and communications around industry changes and trends that could negatively affect customers. Assists with key communication activities during critical events. Keeps people informed; is timely with information employees need to do their jobs. Coaches for performance; provides direct and “action-able” feedback; always lets people know where they stand; faces up to people problems quickly and directly.

Effective February 12, 2020

ETCM Supervisor

Oversees all aspects of the connection of renewable power generation sources into PG&E's transmission and distribution systems. Develops and manages the operations processes and strategies to ensure understanding and compliance will all related regulations/tariffs. This position location is flexible to anywhere within PG&E Service Territory with occasional travel for meetings.

Effective May 4, 2021

Contract Manager, Career

Perform all duties of associate-level Contract Manager, as well as provide reports to management for contract or issue management, educate customers on ISO Tariff and Protocols, understand settlement, billing, and regulatory processes; ensure timely interconnection of projects, and costs and revenues are handled properly.

Contract Manager, Senior

Perform all duties of career-level Contract Manager, as well as coordinate, communicate, and implement changes to new contracts and processes; and lead internal and external groups to successful change implementation. Develop, manage, and implement new and emerging wholesale contract services. Demonstrate ability to lead cross-functional teams and to communicate at the manager level.

Contract Manager, Expert

Perform all duties of senior-level Contract Manager, as well as identify and implement employee development plans, manage employee performance, manage processes to ensure compliance

with contract and tariff requirements, negotiate major policy issues independently, handle complex interconnection agreements, represent PG&E in external forums, act as an expert witness, manage accounting, financial, and cash flow or policy and contract development processes; and communicate at the director level.

Contract Manager, Associate

Manage FERC jurisdictional wholesale transmission and distribution interconnection contracts with municipalities and governmental entities by ensuring contract provisions are managed and applied appropriately, handling new interconnection requests, negotiating new or amended contracts, and facilitating resolution of engineering, operating, and planning issues. Be familiar and comply with PG&E company policy, CAISO tariffs, and applicable FERC regulations. Learn industry and contract knowledge. Develop internal processes to manage contract information. Ensure timely interconnection of projects.

Day-Ahead Analyst, Principal

The position supports STES's objectives through active engagement and advocacy of positions of key importance both internally and externally with the CAISO, CPUC, FERC and other significant regulatory or industry areas.

Effective April 2, 2018

Updated August 24, 2021

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.