

## **POSTING REQUIREMENTS FOR FERC ORDER 2004**

### **PACIFIC GAS and ELECTRIC COMPANY**

FERC Order 2004, Section 358.4(b)(3)(ii): Transmission Providers must post comprehensive organizational charts showing the business units, job titles and descriptions, and chain of command for all positions, including officers and directors, with the exception of clerical, maintenance, and field positions. The job titles and descriptions must include the employee's title, the employee's duties, whether the employee is involved in transmission or sales, and the name of the supervisory employees who manage non-clerical employees involved in transmission or sales.

#### **MARKETING AND SALES JOB DESCRIPTIONS**

##### **Energy Supply**

Name: R. M. Kuga

Title: Vice President, Energy Supply

Job Description: Oversees Energy Supply, which is responsible for all commercial activities supporting gas and electric procurement, including the procurement of gas supplies, pipelines and storage, renewable resources, qualifying facilities, and conventional resources. Energy Supply is also responsible for financial hedging activities to manage customers' price risk associated with the gas and electric portfolios and for the daily resource dispatch and scheduling decisions.

- **New Resource Procurement**

- Name: U. Mathur

- Title: Principal, New Resource Procurement

- Job Description: Lead teams in support of energy procurement functions (acquisition and/or development of power generation facilities, power purchase agreements, etc.) with an emphasis on increasing renewable energy supply in PG&E's portfolio. Focus on the identification, evaluation, and development of new renewable energy technologies and supply. Lead the evaluation, development and execution of opportunities including evaluation processes, contract development. Work closely with other PG&E departments. Lead negotiations with third parties. Assist in development of analytic

framework to develop emerging resources strategy, screening and transactions. Develop financial pro forma models for renewable (including hydro, geothermal, wind, solar, biomass) as well as conventional generation facilities.

- Name: A. Harron

Title: Principal, New Resource Procurement

Job Description: Responsibilities include negotiating of agreements to purchase power plants, reviewing and analyzing of power plants for valuation, acquisition or development purposes, providing information on development and construction activities to form transaction structures and strategy, managing processes to transition from commercial to construction phases, assisting in the development and execution of regulatory processes.

- Name: G. Lamberg

Title: Principal, New Resource Procurement

Job Description: Manages PG&E's transactions processes to purchase, develop and/or construct power generation facilities. Responsibilities include commercial lead in developing and negotiating Purchase Sale Agreements with sellers of power generation facilities, assist in the development of solicitation documents to procure power generation facilities, assist in evaluation of offers from solicitation processes, provide information on development and construction activities to form transaction structures and strategy, manage processes to transition from commercial to construction phases, assist in the development and execution of regulatory processes, assist in the selection of technology choices for utility owned generation and support of regulatory activities.

- Name: D. Agarwal

Title: Principal, New Resource Procurement

Manage PG&E transactions processes to purchase power generation facilities or to lead development activities of generation activities. Purchase arrangements are expected to be primarily through an auction process or through bi-lateral negotiations. Specific responsibilities include:

- Commercial lead in developing and negotiating Purchase Sale Agreements with sellers of power generation facilities

- Work closely with Construction Department on EPC requirements.
    - Manage matrix team including finance, legal, environmental, construction, operations, and market assessment functions
  - Assist in the development of solicitation documents to procure power generation facilities.
  - Assist in evaluation of offers from solicitation processes
  - Provide information on development and construction activities to form transaction structures and strategy
  - Manage processes to transition from commercial to construction phases (with Construction Department)
  - Assist in the selection of technology choices for utility owned generation
  - Support of regulatory activities
  - Development
    - Manage team to obtain permits, arrange electrical and gas transmission
    - Environmental and other social impacts
    - Acquisition of permits
    - Relations with permitting agencies
    - Support development policy making
- R. Jenkins

Title: Principal

Job Description: Provide analyses and solutions to transmission issues associated with PG&E Energy Supply development projects and related electric procurement activities. Identify electric transmission needs to support PG&E's procurement and development activities. Negotiate electric transmission interconnection and delivery issues with third party suppliers. Interact with regulatory bodies to support transmission arrangements by PG&E.

- Name: B. Haney

Title: Consultant

Job Description: For the long-term request for offers (LTRFO) process, determines appropriate transmission system upgrade costs, assesses the feasibility of the proposed interconnection plans and potential for delays in the licensing or construction process, provides

guidance in developing assumptions and conducting analysis to determine locational marginal prices, and coordinates information and communicates to evaluation team in a non-technical manner.

- S. Porter

Title: Consultant

Job Description: Assist in quantitative/financial assessment of energy contracts. Develop analytics and negotiate terms and conditions for long term contracts in power and gas. Also, negotiate and help develop emerging technologies for renewable energy resources.

- C. Abreu

Title: Sr. Financial Analyst

Job Description: Perform analysis and provide project management to support PG&E power procurement processes.

- **Core Gas Supply**

- Name: D. Clare (Rotation)

Title: Director, Core Gas Supply

Job Description: Responsible for directing all activity of the Core Gas Supply Department (CGS). Leads, manages, and approves all activities related to natural gas procurement for PG&E's core (residential and small commercial) customers, including contracting for short-term and long-term gas supplies from sources within and outside California; leads CGS's efforts in the negotiation and management of interstate transportation and storage contracts to deliver the gas to PG&E's core customers; responsible for managing related risk management, gas accounting, and regulatory activities. The following groups report to the Director of Core Gas Supply:

Core Gas Supply  
Portfolio Management  
Regulatory and Contract Services  
Portfolio Assessment

- Name: D. Gee (Rotation)

Title: Manager, Core Gas Supply

Job Description: Manages a team of gas traders who transact for short-term and immediate commodity gas supply transactions. Has knowledge of gas control, capacity release markets, storage and pipeline transportation to play a major role in daily sourcing optimization. Negotiates and manages contracts for gas supply, capacity and other gas assets. Supports and advises the contract administrators on analysis, negotiation, implementation and administration of gas supply contracts. Ensures compliance with gas supply contract provisions.

- Name: L. Askim

Title: Gas Trader

Job Description: Responsible for trading operations. Transacts for short-term and intermediate commodity trading transactions. Specializes in the 30-day spot market. Has enough knowledge of gas control, capacity release markets, storage, and pipeline transportation to play a major role in daily sourcing optimization. Ensures that all scheduling processes (nominations, confirmations, etc.) take place in a correct and timely manner with regard to pipeline and department deadlines. Initiates and maintains daily spreadsheets. Analyzes data, monitors and reconciles imbalances, sets up make-up/pay-back schedules with appropriate shippers, and initiates settlements. Prepares end-of-month reconciliation so that accounting can finalize statements and pay bills.

- Name: L. Scott, M. Gall

Title: Gas Trader, Senior

Job Description: Responsible for trading operations. Transacts for short-term and intermediate commodity trading transactions. Specializes in the 30-day spot market. Has enough knowledge of gas control, capacity release markets, storage, and pipeline transportation to play a major role in daily sourcing optimization.

- Name: L. Askim

Title: Gas Transmission Scheduler

Job Description: Ensures that all scheduling processes (nominations, confirmations, etc.) take place in a correct and timely manner with regard to pipeline and department deadlines. Initiates and maintains daily spreadsheets. Analyzes data, monitors and reconciles imbalances, sets up make-up/pay-back schedules with appropriate shippers, and

initiates settlements. Prepares end-of-month reconciliation so that accounting can finalize statements and pay bills.

- Name: T. Reeves

Title: Gas Transmission Scheduler

Job Description: Nominate core gas supplies and trades on the appropriate pipelines and storage facilities. Manage all transportation and storage contracts. Maintain trade tickets and input all trades into the gas management system. Monitor the daily performance of all trades. Identify problem areas and work with suppliers to develop acceptable solutions.

- Name: H. Pestana

Title: Principal, Portfolio Management

Job Description: Manages long-term portfolio and recommends strategies to hedge gas supply and assets. Aligns the company's gas portfolio with management's portfolio strategy by directing and executing options, swaps and other hedging activities. Recognized as an expert in the financial trading and analysis area. Also manages trader responsible for purchasing intermediate and long-term gas supplies.

- Name: R. Wlasenko

Title: Gas Trader, Senior

Job Description: Responsible for trading operations. Transacts for short-term and intermediate commodity trading transactions. Specializes in the 30-day spot market. Has enough knowledge of gas control, capacity release markets, storage, and pipeline transportation to play a major role in daily sourcing optimization.

- Name: N. Lee, C. Stacey

Title: Gas Trader

Job Description: Responsible for trading operations. Transacts for short-term and intermediate commodity trading transactions. Specializes in the 30-day spot market. Has enough knowledge of gas control, capacity release markets, storage, and pipeline transportation to play a major role in daily sourcing optimization. Ensures that all scheduling processes (nominations, confirmations, etc.) take place in a correct and timely manner with regard to pipeline and

department deadlines. Initiates and maintains daily spreadsheets. Analyzes data, monitors and reconciles imbalances, sets up make-up/pay-back schedules with appropriate shippers, and initiates settlements. Prepares end-of-month reconciliation so that accounting can finalize statements and pay bills.

- Name: R. Welch (Rotation)

Title: Manager, Regulatory and Contract Services

Job Description: Responsible for regulatory strategy to ensure optimal interface and representation of company in legal or regulatory proceedings. Directs analysis to support regulatory strategy and testimony. Prepares and presents testimony before state regulatory bodies. Responsible for managing a team of contract management specialist providing guidance on contract language.

- Name: J. Armato

Title: Core Gas Supply Analyst, Senior

Job Description: Responsible for regulatory interface, developing regulatory strategy, and representation of company in legal or regulatory proceedings. Analyzes and reports on changes in regulations and their expected impacts.

- Name: C. Baxter and R. Huerta

Title: Core Gas Supply Analyst, Senior

Job Description: Develop, administer and monitor new and existing purchase and sales contracts. Interface with information systems to develop reports and analyses. Assist traders and works with credit in managing credit and analysis.

- Name: S. Ross

Title: Manager, Portfolio Assessment

Job Description: Manages the Portfolio Assessment group. Monitors risk levels and promotes adherence to trading limits and policies and procedures. Supervises the calculation, monitors and analyzes the organization's market risk exposure. Analyzes and recommends use of various financial products or asset strategies based on impact on risk and portfolio. Provides day-to-day analytical support to the department.

- Name: D. How (Senior), R. Flaith

Title: Core Gas Supply Analyst and Core Gas Supply Analyst, Senior

Job Description: Identifies, comprehends and captures the risk of all trades and structured deals into a comprehensive risk model. Calculates, monitors and analyzes the organization's market risk exposure. Provides day-to-day analytical support to the department.

- **Renewables Supply**

- Name: F. De Rosa

Title: Director, Renewables Supply

Job Description: Responsible for the Company's procurement of renewable energy to meet its supply portfolio requirements and its obligations under the State's Renewable Portfolio Standard (RPS). Oversees renewable power solicitations and prospective procurement and ownership supplies, evaluation and selection, and contract negotiations.

- Name: C. Post

Title: Energy Supply Analyst, Senior

Job Description: Administers the Company's Renewable Portfolio Standard (RPS) program. Conducts annual solicitations for renewable power supplies. Represents the Company in communication with bidders and suppliers. Provides commercial input into Company regulatory proceedings. Monitors procurement actions and compliance with state and regulatory policies.

- Name: M. Wyspianski

Title: MBA Leadership

Job Description: Identifying prospective renewable resources and analyzing their economics, feasibility and commercial viability; Participating with the renewables transaction team in the evaluation, selection, and negotiation of power contracts; Working with a cross-functional team of Quantitative Analysis, Credit, Legal, Trading, Settlements, and Operations to craft contract and policy terms for the benefit of PG&E and ratepayers; Communicating with the Procurement Review Group, CPUC policy-makers and other outside parties on the progress of the solicitation; Coordinating the internal decision-making process, contract finalization, and submittal to the CPUC. Participating in the decision making process for PG&E to facilitate the commercialization of emerging renewable energy



technologies. Responsibilities include business model and value chain analysis, input on project structuring and economic evaluation. Assess potential joint venture arrangements with venture capital or equity entities to invest and participate in emerging renewable technologies.

- **Structured Transactions**

- Name: G. Jeung

Title: Director, Structured Transactions

Job Description: Responsible for developing structured transaction strategies and executing on those strategies. Covers intermediate and long term transactions.

- Name: J. Crosson

Title: Principal, New Resource Procurement

Job Description: Manages long-term electric resource procurement processes, including development of offering documents. Assists in formulation of negotiation strategies, and manages transition from contract execution to operations.

- M. Lim

Title: Sr. Energy Supply Analyst

Job Description: Perform analysis and provide project management support to PG&E power procurement processes. Develop financial proforma models for renewable as well as conventional generation facilities. Assist in the development and execution of solicitation processes. Assist in the development and execution of regulatory processes. Provide analysis in support of negotiations with sellers of power generation facilities.

- Name: J. Stickney

Title: Energy Supply Analyst, Senior

Job Description: Coordinates activities to develop and complete solicitations and performs analysis to support solicitation efforts.

- A. Torr

Title: Energy Supply Analyst

Job Description: PG&E plans to procure renewable and conventional resources through acquisition of power generation facilities as well as entering into long-term contracts. Coordinate day-to-day communications with internal stakeholders, and counterparties. Maintain a central data source and archive of communications, responses to solicitation, and evaluation materials. Schedule meetings, take minutes and document decisions. Assist in management of contracts and budgeting with contractors. Coordinate compliance with corporate governance procedures. Assist in preparation of communications materials and presentations for internal and external stakeholders. Assist in responses to regulatory proceedings.

- Name: T. Robertson

Title: Principal, Structured Transactions

Job Description: Responsible for assessing electric portfolio needs for the intermediate to long term (1 to 10 years), and developing baseline strategies to manage PG&E's electric portfolio position over that period.

- Name: R. Miram

Title: Principal, Structured Transactions

Job Description: Manages and negotiates master energy contracts and agency agreements for electric and gas supplies. Directs and oversees analysis, negotiation, implementation and administration of master electric supply contracts.

- Name: D. Denniston

Title: Principal, Structured Transactions

Job Description: Lead negotiator and transaction manager for power procurement transactions related to renewables. Manage and direct multi-disciplinary company teams. Create, negotiate and prepare for execution the necessary agreements and documents associated with transactions. Lead the PG&E management and regulatory approval process for specific transactions groups. Ensure the broader based policy objectives are incorporated into solicitation and negotiation programs. Participates in regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness.

- Name: J. Stephens

Title: Structured Transactions Analyst, Senior

Job Description: Negotiates master energy contracts and agency agreements for electric and gas supplies. Creates, negotiates and prepares for execution the necessary agreements and documents associated with a transaction. Participates in regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness.

- Name: M. Monardi

Title: Principal, Structured Transactions

Job Description: Develops explicit procurement strategies (including product variations, market alternatives, procurement process, market mechanisms and timing) to balance electric portfolio need, risk profile and Procurement Plan objectives. Lead negotiator and oversees negotiations for long-term electric supply contracts. Manages and directs a multi-disciplinary company team. Creates, negotiates and prepares for execution the necessary agreements and documents associated with a transaction. Leads the PG&E management and regulatory approval process for specific transaction groups. Ensures that broader based policy objectives are incorporated into solicitation and negotiation programs.

- Name: D. Denniston (Contractor)

Title: Consultant

Job Description: Lead negotiator and transaction manager for power procurement transactions related to renewables. Manage and direct a multi-disciplinary company team. Create, negotiate and prepare for execution the necessary agreements and documents associated with a transaction. Lead the PG&E management and regulatory approval process for specific transaction groups. Ensure that broader based policy objectives are incorporated into solicitation and negotiation programs. Participates in the regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness.

- Name: (Vacant)

Title: Principal, Structured Transactions

Job Description: Responsible for managing internal and external market-related issues that impact energy contracts. Ensures that contract terms and conditions and procurement objectives are

consistently applied across all contract types. Negotiator for power procurement transactions. Creates, negotiates and prepares for execution the necessary agreements and documents associated with a transaction. Participates in regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness.

- Name: M. Bommersbach

Title: Principal, Structured Transactions

Job Description: Lead negotiator and transaction manager for power procurement transactions related to renewables. Manages and directs a multi-disciplinary company team. Creates, negotiates and prepares for execution the necessary agreements and documents associated with a transaction. Leads the PG&E management and regulatory approval process for specific transaction groups. Ensures that broader based policy objectives are incorporated into solicitation and negotiation programs. Participates in regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness.

- Name: J. Laszlo

Title: Principal, Structured Transactions

Job Description: Lead negotiator and transaction manager for power procurement transactions related to QF's. Manages and directs a multi-disciplinary company team. Creates, negotiates and prepares for execution the necessary agreements and documents associated with a transaction. Leads the PG&E management and regulatory approval process for specific transaction groups. Ensures that broader based policy objectives are incorporated into solicitation and negotiation programs. Participates in regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness.

- Names: J. Henderson and J. Shandalov

Title: Principal, Structured Transactions

Job Description: Negotiator and transaction manager for power procurement transactions. Creates, negotiates and prepares for execution the necessary agreements and documents associated with a transaction. Leads the PG&E management and regulatory approval process for specific transactions. Manages and directs a multi-disciplinary company team. Participates in regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness. Manages RFO processes.

- Names: K. Ryzhaya, K. Yip

Title: Structured Transactions Analyst, Senior

Job Description: Negotiator and transaction manager for power procurement transactions. Creates, negotiates and prepares for execution the necessary agreements and documents associated with a transaction. Leads the PG&E management and regulatory approval process for specific transactions. Participates in regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness.

- **Electric Gas Supply**

- Name: P. Koszalka

Title: Manager, Electric Gas Supply

Job Description: Responsible for managing natural gas procurement for PG&E owned generation facilities, PG&E tolling contracts and for the California Department of Water Resources (CDWR) contracts allocated to PG&E. Responsible for developing and implementing hedging plans and strategies to manage the exposure of PG&E's electric portfolio to natural gas price volatility.

- Name: M. Kowalewski

Title: Gas Trader, Senior

Job Description: Develops long-term supply and hedging strategies and plans including needs assessment, market assessment, strategy assessment and recommendations. Develops and uses analytical tools to support planning decisions. Trades physical gas, transportation and storage in support of electric generation facilities and contracts. Trades financial gas products to reduce gas price exposure of PG&E's electric portfolio. Documents strategies and trades for regulatory review.

- Name: C. Louttit

Title: Gas Trader, Senior

Job Description: Trades natural gas for PG&E owned generation facilities, PG&E tolling contracts, and California Department of Water Resources (CDWR) tolling contracts. Trades financial products to hedge the exposure of PG&E's electric portfolio to natural gas price risk. Manages ongoing relationship with CDWR gas staff. Works with Law, prepares and negotiates fuel supply contracts with trading partners. Manages daily and monthly imbalance positions as required. Assists in development and implementation of gas hedging strategies.

- Name: J. Ulloa

Title: Gas Trader

Job Description: Trades natural gas for PG&E owned generation facilities, PG&E tolling contracts, and CDWR tolling contracts. Trades daily, weekend, balance-of-month, and prompt month gas volumes. Allocates supplies by trading partner, price and pipeline. Manages daily and monthly imbalance positions and storage inventory, as required. Advises gas schedulers to ensure nominations are submitted on time and that allocations are balanced.

- Name: M. Lopez-Quintana

Title: Energy Supply Analyst

Job Description: Develops and provides reports supporting management of PG&E's electric portfolio gas hedging program. Provides reports supporting physical gas procurement, gas transportation & storage, and gas balancing. Provides analytical support for PG&E's electric fuel CPUC and FERC regulatory filings. Provides analytical support for gas planning (physical and financial). Analyzes natural gas markets in support of physical and financial gas trading.

- **Short-Term Electric Supply**

- Name: W. Tom

Title: Manager, Short-term Electric Supply

Job Description: Responsibilities include: (1) managing, optimizing and scheduling PG&E's resources, PG&E's contracts and California Department of Water Resource's (CDWR) contracts that were allocated to PG&E by the CPUC, (2) developing load forecasts used in to support forward electric procurement decisions and risk reporting, (3) developing analytical tools and systems used to support procurement and scheduling activities, and (4) regulatory support.

- Name: K. Coffee

Title: Manager, Electric Trading

Job Description: Responsible for all aspects of energy trading in the Forward, Day Ahead and Hour Ahead markets, scheduling of PG&E electric supplies and loads to the California Independent System Operator (CAISO), real-time dispatching of PG&E resources, including PG&E's contracts, and CDWR's contracts, and coordinating power plant outages with the CAISO.

- Names: S. M. Mullins, M. McDermott, T. Pariani

Title: Electric Trading Consultant

Job Description: Responsible for procurement and sale of electric energy in the day ahead and forward markets, and for performing scheduling functions and market analysis. This position interacts extensively with Utility Risk Management and Energy Settlements department.

- Names: E. Lee, P. Sok

Title: Electric Scheduler

Job Description: Schedule import and export energy across transmission tie points between control areas. Confirm import and export information with counterparties, including source, sink and each transmission segment for each schedule. Net import against export schedules. Perform tagging function for import/export schedules. Reserve transmission.

- Name: K. Ballard

Title: Supervisor, Real-Time Electric Operations

Job Description: Supervises the Energy Trading Representatives. Responsible for Hour Ahead and Real-Time procurement of energy to meet PG&E's native load. Transactions include purchasing and selling energy, dispatching PG&E resources including PG&E's contracts and dispatching CDWR'S contracts. In addition, scheduling of energy and ancillary services to the California ISO in the Day Ahead and Hour Ahead Markets.

- Names: D. Aires, A. Ellsworth, M. Morrissey, C. Blake, C. Cottle, J. Norwood, C. Georgen, D. Aguilar, N. Balitsky, D. Aires, N. Balitsky, R. Evans, A. Dito, D. Platt, C. Barker, B. Pedersen, S. Brady

Title: Electric Trading Representatives

Job Description: Responsible for Hour Ahead and Real-Time procurement of energy to meet PG&E's native load. Transactions include purchasing and sale of energy, dispatch PG&E resources including PG&E's contracts and dispatching CDWR'S contracts. Submit energy and ancillary services schedules to the California ISO. Communicate with the California ISO, counterparties and power plants on real-time operational issues. Position is staffed 24 x 7 with three

desks, including one Generation desk, one Pre-scheduling desk and on Hour Trading desk.

- Name: V. Loh

Title: Principal, Short-Term Strategy

Job Description: Responsible for developing market transaction strategies to manage PG&E's electric portfolio position over the short-term (one month to six months), including defining the analytic requirements, interpreting results, linking transaction strategies covering other time periods, getting approval of strategies and managing the execution of the strategies.

- Name: Vacant

Title: Manager, Portfolio Optimization

Job Description: Responsibilities include: (1) managing, optimizing and scheduling PG&E's resources, PG&E's contracts and California Department of Water Resource's (CDWR's) contracts that were allocated to PG&E by the CPUC, (2) developing load forecasts used to support forward electric procurement decisions and risk reporting, (3) developing analytical tools and systems used to support procurement and scheduling activities, and (4) providing regulatory support.

- Names: J. Barrington, S. Lau, L. Lowe, A. Segesman, B. Johnson, and C. McNeece, W. D. Sparks. B. Look, A. Svoboda

Title: Energy Supply Analyst, Senior

Job Description: Responsibilities include: (1) resource optimization and analyses, (2) schedule power plant generation and ancillary services, (3) develop strategies for meeting the net open positions for day-ahead and Balance of Month, and forward transactions, (4) regulatory support, (5) analyze, develop, and implement beneficial electric market design policies related to CAISO and FERC regulations and markets, (6) provide electric procurement decision support related to current and future CAISO and FERC tariffs, and (7) short-term load forecasting.

- Name: J. Grygier

Title: Energy Supply Analyst, Senior

Job Description: Responsibilities include: (1) developing and maintaining software used to forecast stream flows and schedule hydro resources, (2) forecasting steam flows and



providing hydro scheduling guidance to Energy Trading Consultants, and (3) developing and using scheduling, forecasting, simulation and optimization models as needed to support electric procurement decisions, regulatory filings, and strategic planning functions.

- Name: R. Yee

Title: Energy Supply Analyst, Senior

Job Description: Responsibilities include: (1) resource optimization and analyses, (2) contract administration and management, (3) load forecasts to support electric procurement decisions and risk reporting, (4) regulatory support.

- Name: J. Chiara

Title: Principal, Portfolio Optimization

Job Description: Responsibilities include: (1) carries out studies related to the revenue and expense forecasting of PG&E's electric position, DWR costs and revenue requirements, (2) analyzes, develops, and implements beneficial electric market design policies related to CAISO and FERC regulations and markets, (3) provides electric procurement decision support related to current and future CAISO and FERC tariffs, and (4) develops procurement and system dispatch strategies that allow PG&E to meet its electric load obligations at least cost.

- Name: B. Look

Title: Energy Supply Analyst, Senior

Job Description: Responsibilities include: (1) develops and maintains software used to forecast stream flows and schedule hydro resources, (2) forecasts steam flows and providing hydro scheduling guidance to Energy Trading Consultants, and (3) develops load forecasts used in to support forward electric procurement decisions and risk reporting.

- Name: A. Svoboda

Title: Energy Supply Analyst, Senior

Job Description: Responsibilities include: (1) develops, uses, and maintains applications and systems used to optimize meeting PG&E's net open position in day-ahead markets, (2) designs and maintains software applications to support day-to-

day operations of PG&E's electric generation resources, contracts, and trades, (3) maintains system interfaces with: (i) other PG&E systems that provide essential operating data for daily procurement functions and (ii) other downstream systems that rely on operating data (i.e., settlements) (4) develops Business and Disaster Recovery systems for key PG&E applications and systems.

- Name: G. Goldbeck

Title: Principal

Job Description: Responsibilities include: (1) develop and coordinate strategic GES positions to ensure the optimum business direction, internal consistency and legal compliance, (2) advocate PG&E positions within formalized CAISO, CPUC and FERC venues and individually with electric industry and regulatory representatives, and (3) drafting, reviewing, commenting, and briefing others on CAISO, FERC, and/or CPUC filings or proceedings.

- Name: M. Koogler

Title: Energy Supply Analyst

Job Description: Develop, use and maintain applications and systems used to optimize meeting PG&E's net open position in day-ahead markets, design and maintain software applications to support day-to-day operations of PG&E's electric generation resources, contracts, and trades, maintain system interfaces with other PG&E systems that provide essential operating data for daily procurement functions and other downstream systems that rely on operating data. Develop Business and Disaster Recovery systems for key PG&E applications and systems.

- Name: N. Wong

Title: Computer System Analyst

Job Description: Responsibilities include: (1) designs, develops and maintains software applications to support the day-to-day operations of PG&E's electric resources, contracts, and trades, (2) develops applications that scheduling and bidding software to interface with other up/down stream applications maintained by other PG&E departments, CAISO, and other third parties.

- Name: D. Kumar

Title: Program Analyst, Senior

Job Description: Maintains and enhances PG&E's energy scheduling system: FBS (Forecast, Bidding and Scheduling). Duties include ensuring trouble free computer operation for traders and consultant. Implement new business requirements into the system to better support new and existing business process. Assists ISTS data center in making sure operation of the supporting backend systems are properly maintained.

- R. Sioshanisi

Title: Consultant

Job Description: Assist Energy Procurement to develop systems needed under MRTU (analyze, acquire, install and test systems that will be used to solve the "unit commitment" problem (i.e. optimization of power generation schedules) in the day-ahead to 1 week out time frame.

- D. Cartwright

Title: Consultant

Job Description: Project management of PCI GenManager deployment; management of deployment of PCI GenManager as PG&E's CAISO MRTU scheduling system.

- **Third Party Contract Strategy**

- Name: R. Weingart

Title: Manager, Third-Party Contract Strategy

Job Description: Participates in negotiation of and manages third-party contracts for electric supplies and/or system reliability. Directs and oversees analysis, negotiation, implementation and administration of such contracts and transactions. Ensures compliance with contract provisions. Coordinates and manages communications between contract counterparties with respect to planning, operations, settlements and dispute resolution. Oversees and participates in regulatory proceedings that may affect existing contracts and shaping of new energy policy and/or supply agreements.

- Name: L. Douglass

Title: Energy Supply Analyst, Senior

Job Description: Participates in negotiation of third-party contracts for system reliability. Works with financial and legal experts to develop pricing strategies, develop pro forma contracts, and structure contracts. Resolves technical and business issues. Identifies and oversees analysis, negotiation and closing of complex reliability transactions. Ensures that contract provisions are properly administered and are in compliance with regulatory orders; resolves contract issues/disputes and ensures counterparty performance under agreements. Participates in regulatory proceedings that pertain to system-reliability issues and serves as an expert witness.

- Name: B. Gavelis

Title: Energy Supply Analyst, Senior

Job Description: Negotiates contracts for electric supplies and participates in negotiations of third-party contracts for electric supplies. Works with financial and legal experts to develop pricing strategies, develop pro forma contracts, and structure contracts. Resolves technical and business issues. Identifies and oversees analysis, negotiation and closing of complex, term energy transactions. Ensures that contract provisions are properly administered and are in compliance with regulatory orders; resolves contract issues/disputes and ensures counterparty performance under agreements. Participates in regulatory proceedings that pertain to electric supply and procurement issues and serves as an expert witness.