

SRP JOB DESCRIPTIONS

The Salt River Project consists of two organizations: the Salt River Project Agricultural Improvement and Power District (SRP), an agricultural improvement district organized and existing under the laws of the State of Arizona which provides electric service to approximately 800,000 retail customers in the State of Arizona; and the Salt River Valley Water Users' Association (the Association), an Arizona corporation which, as SRP's contractual agent, operates and maintains an irrigation and water supply system. SRP has two wholly owned subsidiaries: Papago Park Center, Inc., a real estate management company; and New West Energy Corporation, a marketer of electric power and energy services to end-use customers outside of SRP's distribution service area in states that have implemented retail competition programs.

- John M. Williams Jr., President, Board of Directors of SRP and of the Association – Serves as chief executive officer and chairman of the Board of Directors of SRP and of the Association. The President does not exercise control over the day-to-day operations of any SRP or Association function. The President does not have access to transmission or reliability information on SRP's Energy Management System (EMS) or other databases.
- Richard Silverman, General Manager – Sets overall company policies for six functional areas: Power, Construction and Engineering Services; Commercial and Customer Services; Water Group; Public and Communications Services; Operations, Information and Human Resources Services; and Law and Administrative Services. The General Manager reports to the President of the Board of Directors of SRP and the Association. The General Manager does not exercise control over the day-to-day operations of any SRP or Association function. The General Manager does not have access to transmission or reliability information on SRP's Energy Management System (EMS) or other databases.
- David Areghini, Associate General Manager, Power, Construction and Engineering Services – Sets overall company policies relating to all operational aspects of SRP's generation, transmission system and distribution system. The Associate General Manager reports to the General Manager. Departments reporting to the Associate General Manager are: Power Generation; System Operations; Fuels; Electric System Design and Construction; and Electric System Operations and Maintenance. The Associate General Manager sets overall company policy regarding the transmission operations/reliability function. Neither the Associate General Manager nor any of the employees reporting through his chain of command have responsibility for wholesale merchant functions.
- Gary Harper, Manager, System Operations – Has management responsibility for the reliable operation of SRP's transmission and subtransmission systems; transmission system planning; engineering for control, communication and system protection; accounting and billing for power system related transactions; and development and operation of the Energy Management System (EMS). The Manager of System Operations reports to the Associate General Manager of Power, Construction and Engineering Services. Departments reporting to the Manager of System Operations are: Transmission and Generation Operations; Transmission Planning; Electronic Systems; Power Accounting Services; and Computer Applications. Positions reporting to the Manager of System Operations which perform transmission operations/reliability functions are:
- Robert Kondziolka, Manager, Transmission Planning – Has management responsibility for development of strategic direction and corporate policy relating to SRP's transmission system; technical system analysis to support development of cost-effective system expansion alternatives, secure system operations and construction outage scheduling; determination of operating transfer capabilities and calculation of Available Transfer Capability (ATC) for posting on SRP's OASIS; analyzing requests for long term transmission service under SRP's Open Access Transmission Tariff and approving any contracts for transmission service

entered into thereunder; and directing SRP's transmission line siting activities. The Manager of Transmission Planning reports to the Manager of System Operations. The department reporting to the Manager of Transmission Planning is Transmission System Planning. Positions reporting to the Manager of Transmission Planning which perform transmission operations/reliability functions are:

- Engineers – Develop recommendations for SRP transmission strategic direction and policy; determines Available Transfer Capability (ATC) for posting on SRP's OASIS; coordinates evaluation and processing of long term transmission requests; and develops long range transmission plans. Represents SRP and its corporate position on transmission in industry forums such as the North American Electric Reliability Council (NERC), Western Electricity Coordinating Council (WECC), Regional Planning Groups, and special panels, committees and work groups as required.
- Project Managers – Direct SRP's transmission line siting activities.
- Brian Keel, Manager, Transmission System Planning – Manages technical system analysis of the SRP interconnected system for operating studies, expansion planning and determination of transfer capabilities.
 - Engineer/Analysts – Performs transmission studies utilizing power flow, stability, post-transient and short circuit duty analyses for the operation, expansion and determination of transfer capabilities of the transmission system. Reviews planning studies for operational impacts.
 - Engineering Technicians/Specialists – Performs analytical studies, collects model data, prepares one-line diagrams, prepares reports, and provides general staff support under the direction of the Engineers and Analysts.
- Dennis Gerlach, Manager, Transmission and Generation Operations – has management responsibility for real-time operation of SRP's system dispatching control center, which operates 24 hours per day, 7 days per week. Functions of the control center include: real-time dispatch of SRP's generation resources; operation of SRP's transmission and subtransmission systems; operation of SRP's OASIS and the Southwest OASIS node; provision of open access transmission services and ancillary services that support basic transmission services; administration of Southwest Reserve Sharing Group (SRSG, a reserves sharing group made up of 14 southwest utilities) functions; outage coordination; and performance of dispatching training program. The Manager of Transmission and Generation Operations reports to the Manager of System Operations. Departments reporting to the Manager of Transmission and Generation Operations are: Power Dispatch Office; Automatic Generation Control; and Transmission Services. Positions reporting to the Manager of Transmission and Generation Operations which perform transmission operations/reliability functions are:
 - Theresa Kuehneman, Manager, Grid Operations Transmission Dispatching – Manages the real-time operation (24 hours per day, 7 days per week) of SRP's transmission and subtransmission systems. Positions reporting to the Manager of PDO which perform transmission operations/reliability functions are:
 - Outage Scheduler – Reviews all transmission and subtransmission planned outage requests for maintenance and construction of facilities. Administers the Work Request Process, providing to the PDO Dispatchers switching instructions for implementing approved planned outages of SRP's transmission and subtransmission elements.

- Power Dispatchers – Perform real-time operation of SRP's transmission and subtransmission systems.
- Transmission Engineer – Produces transmission and subtransmission unplanned event Disturbance Analysis Reports and Root Cause Analysis Reports. Provides engineering services to the PDO Management, Dispatchers, System Operators and the Outage Scheduler.
- System Operators – Senior level dispatchers with NERC and WECC Operator certification. Performs real-time operation of SRP's transmission and subtransmission systems. Acts as liaison to Computer Applications support so as to direct scheduling system maintenance and enhancements in accordance with established NERC/WECC policies. Provides expertise for on-the-job training material for new hires. Serves as project manager for special assignments.
- Mike Gentry, Manager, Grid Operations, Generation Dispatching – Manages the real-time operation (24 hours per day, 7 days per week) of dispatching SRP's generation resources for the reliable operation of the interconnected system, including provision of generation-related ancillary services that support basic transmission services. Oversees the must-run generation unit commitment and unscheduled flow curtailment. Manages the real-time implementation of the Southwest Reserve Sharing Group function, Southwest OASIS function, the SRPCAnet function (retail scheduling system), and the control area operations function. Positions reporting to the Manager, AGC, which perform transmission operations/reliability functions are:
 - Power Dispatchers – Perform real-time dispatching of SRP's generation resources for reliable operation of the interconnected system, including provision of generation-related ancillary services that support basic transmission services.
 - Engineer – Coordinates generator outage scheduling between Transmission & Generation Operations and plant personnel. Provides unscheduled flow curtailment support. . Provides engineering services to the AGC Dispatchers and the Outage Scheduler.
 - System Operators – Senior level dispatcher with NERC and WECC Operator certification. Performs real-time operation of SRP's transmission and subtransmission systems. Acts as liaison to Computer Applications support so as to direct scheduling system maintenance and enhancements in accordance with established NERC/WECC policies. Provides expertise for on-the-job training material for new hires. Serves as project manager for special assignments.
- Mark Avery, Manager, Transmission Services – Manages the interaction of all market participants with SRP's open access delivery process implementing retail customer choice. Manages SRP's OASIS, the Southwest OASIS node, and the Southwest Reserve Sharing Group function. Serves as the primary interface between scheduling coordinators and SRP's control area operations.
 - System Operators – Senior level dispatcher with NERC and WECC Operator certification. Supports real-time operation of SRP's transmission and subtransmission systems. Acts as liaison to Computer Applications support so as to direct scheduling system maintenance and enhancements in accordance with established NERC/WECC policies. Provides expertise for on-the-job training material for new hires. Serves as project manager for special assignments.

- Engineer – Acts as the central point of contact for Control Area Services and large generator interconnection requests. Provides engineering support to the TGO Dispatchers..
- Analysts – Provide primary support for OASIS, Southwest Reserve Sharing Group (SRSG), Customer Choice, and Transmission and Generation Operations staff. Performs data collection monitoring, accounting, budgeting, invoicing, training and consultation services.
- Mike Pfeister, Supervisor, Scheduling and Reliability – Supervises transmission sales and the pre-scheduling and post-scheduling operation for energy and transmission. Supervises daily operation of the SRP OASIS. Monitors transmission procurement for retail load requirements.
- Engineer – Acts as the central point of contact for Western Electric Coordinating Council (WECC) Reliability Management System (RMS) reporting requirements. Provides engineering support to the TGO Dispatchers.
- Analysts – Provide primary support for Transmission and Generation Operations staff. Performs data collection monitoring, accounting, budgeting, invoicing, training and consultation services.
- Transmission Schedulers – Sell excess transmission capacity to other entities and administer the retail direct access energy delivery process (Customer Choice). Complete settlement analysis for energy transactions on the bulk power system, provide customer service for power market entities, and support Transmission and Generation Operations staff.
- Kristie Cocco, Supervisor, Training – Administers the training programs for PDO and Power Dispatchers. Training includes preparation for North American Electric Reliability Council (NERC) and Western Systems Coordinating Council (WSCC) Certification testing, computer based skills, system operations skills and communication (radio/voice) skills. Tracks initial training and refresher course training for core competency dispatcher skill requirements.
- Analysts – Provide primary support for Transmission and Generation Operations staff. Performs data collection monitoring, accounting, budgeting, invoicing, training and consultation services.
- Joseph M. Nowaczyk, Manager, Electronic Systems – Has management responsibility for creating the design of control, protection and communication systems, but has no responsibility for wholesale merchant functions or transmission operations/reliability functions. The Manager of Electronic Systems reports to the Manager of System Operations.
- Laurel Whisler, Project Manager, RTO Integration – Represents System Operations' interests in the development of SRP corporate and operational policies regarding regional transmission organizations (RTOs) and in RTO and electric system reliability policy development activities in the Western Interconnection; coordinates the integration of procedures of any RTOs that are formed in the Western Interconnection with SRP system operations.
- Matt Weber, Manager, Computer Applications – Supervises support of control computers and determines hardware/software problems. Responsible for programming and implementation of software for substation supervisory control and automatic generation control computers. Responsible for new program development and software enhancements for system

- dispatching and operational engineering. Responsible for fire walls, security, and design, and evaluation of network systems, such as local area networks, wide area networks, and the Internet. Additional responsibilities include network modeling, analysis, and planning and the interfacing of computer and communications equipment. Direct reports operate various loading and incremental cost programs and various power accounting programs. Monitors and reports on automatic generation control system performance as well as overall control computer performance. Neither the Manager of Computer Applications nor any employees reporting directly to the Manager of Computer Applications is responsible for transmission system functions or wholesale merchant functions.
- Stu Wilkening, Manager, Power Accounting – Supervises activities related to wholesale power billing, fuel accounting, options, hedge accounting, ancillary services accounting and transmission services billing. Approves invoices for sale of wholesale electricity, natural gas, options, exchanges, reserve capacity, regulation, imbalance energy, control area services, and transmission services. Signs check requests for payment of electricity, natural gas, options, hedge account transactions, exchanges, ancillary services and transmission services. Monitors delinquent payments. Implements deferred accounting for options premiums and commodity hedge account gains and losses. Reports mark to market status of commodity accounts for FAS 133 accounting. Administers and bills T&C contract and CAWCD contracts. Administers accounting for preference power contracts. Reviews and approves payment of TEP contract and AEPCO contract. Reviews and approves payment of CAISO settlement statements and provides Supply and Trading analysis of trends underlying CAISO charges. Prepares internal reports including issuance of System Operations Statistical Data and input to Accounting & Statistical Review and SRP's Annual Report. Prepares external reports including EIA-412, energy accounting sections of Official Bond Statements and various WECC reports. Calculates system losses each fiscal year. Assesses needed upgrades/changes to selected functions of the energy management system and specifies upgrades for modification by computer applications personnel.
 - John Underhill, Manager, Electric System Operation and Maintenance – Has management responsibility for the engineering, design, and construction of SRP's distribution system, and the operation and maintenance of SRP's distribution and transmission systems. The Manager of Electric System Operation and Maintenance reports to the Associate General Manager of Power, Construction and Engineering Services.
 - Mark Bonsall, Associate General Manager, Commercial and Customer Services – Sets overall company policies relating to wholesale merchant functions; retail marketing and planning; retail customer service;; financial services; and special projects. The Associate General Manager reports to the General Manager. Departments reporting to the Associate General Manager are: Energy Management & Information; Customer Service; Financial Services ; and Strategic Planning . The Associate General Manager sets overall company policy regarding the wholesale merchant function. Neither the Associate General Manager nor any of the employees reporting through his chain of command have responsibility for transmission operations/reliability functions.
 - Charlie Duckworth, Manager, Energy Management & Information – Has management responsibility for energy risk management; market (customer, product and load) research; forecasting and economic development; long term resource planning, development and acquisition for retail purposes; short term, day ahead and real time resource planning, development and acquisition for retail purposes; and all wholesale merchant functions. The Manager of Energy Management & Information reports to the Associate General Manager responsible for Commercial and Customer Services. Positions reporting to the Manager of Energy Management & Information are:
 - John Coggins, Manager, Resource Planning & Development – Has management responsibility for analysis and planning for power resources to serve SRP retail load, including preparation of forecasts of load, generation and wholesale prices and analyses of fuel contracts and

power purchases. Also prepares long-term forecasts of wholesale prices for wholesale merchant group. The Manager of Resource Planning & Development reports to the Manager of Energy Management & Information.

- Michael Hummel, Manager, Supply & Trading – Manages energy commodity hedging and trading activities necessary to achieve reliable, low cost service to retail customers and optimize the value of excess generation assets in wholesale markets while remaining within the commodity risk exposure limits established by SRP’s Board. Responsible for meeting wholesale sales revenue targets while managing natural gas fuel and purchase power expenses. The Manager of Supply and Trading reports to the Manager of Energy Management & Information. Positions reporting to the Manager of Supply & Trading which perform wholesale merchant functions are:
 - Jeff Laib, Manager, Term Trading – Manages development and execution of term trading strategies necessary to: a) ensuring reliable supply, b) minimize the cost of serving SRP’s retail electricity customers and c) maximize the value of excess generation assets in wholesale markets while d) maintaining position limits within established financial risk tolerances. The Manager of Term Trading reports to the Manager of Supply & Trading. Positions reporting to the Manager of Term Trading which perform wholesale merchant functions are:
 - Marketing Representatives – Develops and executes term trading strategies. Manages power supply, transmission, and gas transportation contracts. Develops and negotiates structured transactions with wholesale customers. Manages daily spot sales and purchases of natural gas as well as nominations and scheduling over gas pipeline systems. Analyzes pipeline capacity and gas storage requirements. Develops and implements gas storage transactions.
- Mark Mitchell, Manager, Power Marketing – Manages development and execution of long-term, negotiated power sales and service strategies, strategies for targeting customer groups and maintaining working relationships and developing products to meet customer needs. Manages contract negotiations, development, execution and administration. Manages administration of federal hydroelectric contracts.
 - Marketing Representatives – Develops and executes power marketing strategies. Negotiates power sales and services to meet the specific needs of wholesale customers. Develops and maintains long-term working relationships with representatives of utilities in the region for the purpose of developing sales opportunities, maintaining positive involvement by SRP in public power organizations and activities, and gaining greater understanding of industry issues from the perspectives of other organizations. Develops formal contracts and agreements to execute Power Marketing strategies. Administers executed contracts for Supply & Trading. Represents SRP in public power organizations locally and regionally. Represents SRP in dealings with federal agencies related to federal power contracts.
- Dave Slick, Manager, Operations Planning – Manages the planning, procurement, and trading of electric transmission products used to support sales to retail and wholesale customers; trading of emission allowances; load and resource modeling; analysis of electricity, natural gas, and emission markets to support supply strategies and trading execution; coordination and optimization of all generating unit maintenance outages to minimize replacement power cost and ensure reliable supply; transaction evaluation and reporting.

- Marketing Representatives – Plans, procures and trades electric transmission products used to support sales to retail and wholesale customers. Plans, procures and trades emission allowances.
- Analysts – Conduct analyses needed to support Supply & Trading business decisions pertaining to electric markets, natural gas markets, retail service provision issues, wholesale service provision issues, and the optimization of value associated with SRP's energy business assets.
- Engineering Technician – Creates and maintains data bases for computer models used by the department, executes computer model runs and prepares associated reports, and supports the personal computer needs in the department.
- Power Accounting Specialist – Prepares daily analysis and reporting of wholesale sales and purchases, and daily analysis and accounting of transmission losses. Prepares and tracks the department budget.
- Generation Prescheduler – Prepares the next day retail load forecast and assembles the next day generation plan of SRP generation resources and contracts to meet SRP's bundled retail and wholesale power commitments.
- Mike Clester, Manager, Power Scheduling and Trading – Manages development and execution of real-time, day ahead, and balance of month trading strategies necessary to: a) ensure reliable supply, b) minimize the cost of serving SRP's retail electricity customers and c) maximize the value of excess generation assets in wholesale markets while d) maintaining position limits within established financial risk tolerances. The Manager of Power Scheduling and Trading reports to the Manager of Supply & Trading. Positions reporting to the Manager of Power Scheduling and Trading which perform wholesale merchant functions are:
 - Short Term Power Traders – Prepares the next-day plan to meet requirements for SRP bundled retail and wholesale loads, and performs next-day wholesale marketing activities.
 - Real Time Power Traders – Secures necessary energy supplies (along with dispatchers' commitment of SRP's generating units) to meet combined next hour SRP bundled retail and wholesale loads; and participates in next hour arbitrage trading of wholesale energy products.
 - Generation Prescheduler – Prepares the next day retail load forecast and assembles the next day generation plan of SRP generation resources and contracts to meet SRP's bundled retail and wholesale power commitments.
- Jane D. Alfano, Corporate Counsel, Law Services – Serves as Corporate Counsel to the Boards and management of SRP, the Association, New West Energy Corporation, and Papago Park Center; manages the in-house legal counsel function; and oversees the management of litigation and third party claims, and regulatory affairs and contracts. The Corporate Counsel reports to the General Manager. Departments reporting to the Corporate Counsel are the Law Department, Litigation and Third Party Claims, and Regulatory Affairs and Contracts. Neither the Corporate Counsel nor any employee reporting through her chain of command directs, organizes or executes wholesale merchant functions.