



POWER RESOURCES PLANNER/ANALYST

SALARY RANGE: \$133,350 - \$209,549

SUMMARY DESCRIPTION

Under general direction of the Director of Power Resources, the Power Resources Planner/Analyst ("Planner"), supports efforts related to power portfolio analytics and planning, load and power resource forecasting, and custom product offerings for large customers. The Planner will also work with the Decarbonization and Grid Innovation team to develop and implement solutions in support of SVCE's greenhouse gas reduction goals including distributed energy resources (DERs) including virtual power plants and incorporate impacts in load forecasts.

SUPERVISION RECEIVED AND EXERCISED

This position reports directly to the Director of Power Resources, however, may be assigned to other groups and/or teams as deemed necessary. Management of consultants and contractors is expected. This position has no direct reports, however, may supervise temporary and/or internship positions.

ESSENTIAL FUNCTIONS

- Provide analytical support to the Front Office in managing the electric supply portfolio which includes monitoring and reporting net open position, supply costs and risks.
- Lead implementation of SVCE's internal load forecast, including incorporation of customer adoption of load modifiers such as DERs and EVs.
- Assist the development and implementation of systems, processes, plans and reports to ensure compliance with all applicable laws, standards, mandates and regulatory requirements related to providing electricity as a load serving entity in California including meeting the Renewable Portfolio Standard (RPS), resource adequacy and power content label reporting
- Support integrated resource planning, modeling and implementation efforts.
- Support procurement efforts to meet various SVCE objectives and/or compliance requirements including energy hedges, resource adequacy, carbon-free and RPS.
- Assist in the development of strategies and custom product offerings to retain large commercial industrial customers.
- Assist in the development of technology, policy, and economic analysis to support the planning, design, development, and evaluation of programs to support decarbonization and grid integration across SVCE service territory.
- Support legislative and regulatory efforts by providing subject matter expertise and/or policy analysis.
- Support the development and implementation of SVCE's overarching decarbonization roadmap.

- Write staff reports and presentations for Board and Committee meetings.
- Performs other related duties and responsibilities as required.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of:

- Principles of electricity generation, transmission, distribution and infrastructure.
- Strong understanding of statistics, machine learning, and optimization algorithms and principles, and their application.
- Strong understanding of forecasting methodologies and tools.
- Knowledge of retail customer programs (design, development, implementation, evaluation, measurement, and verification).
- Regulatory and legislative activities relating to Resource Adequacy, Renewable Portfolio Standard and decarbonization, distributed energy resources, demand response.
- Familiarity with policies and procedures at the CPUC, CEC, CARB, BAAQMD and the California ISO related to wholesale energy market, compliance related programs and products and greenhouse gas emissions and power content reporting.
- Deep subject matter expertise in wholesale and retail power markets and resource planning.

Ability to:

- Proficiency in Microsoft Office Suite and GIS software.
- Superior project management skills, including managing multiple priorities.
- Superior people management experience and skills.
- Self-directed and comfortable operating in a dynamic, fast-paced start-up environment.
- Ability to work independently or in a team, as needed.
- Excellent written and oral communication skills.

REQUIRED QUALIFICATIONS

Experience and Training Guidelines: Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

EDUCATION: A Bachelor's Degree from an accredited university or college in science, technology, engineering, mathematics, environmental science, or a related, quantitative field. A Master's Degree in the aforementioned fields can substitute for up to one year of the required experience. A Doctoral Degree in the aforementioned fields can substitute for up to three years of the required experience.

EXPERIENCE: Five (5) years, depending on level, of progressively responsible experience as an analyst at an electric utility, regulatory agency, cleantech company, or similar organization with emphasis on electrification of the built environment, mobility, or grid integration, or a closely related field.

LICENSE: Possession of a valid Class C California driver's license and a satisfactory driving record at the time of hire.

PHYSICAL AND WORKING CONDITIONS

The physical and mental demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.

ENVIRONMENT: Work is performed in a typical office setting with exposure to computer screens and at public events (fairs, meeting rooms, farmers' markets, etc.) with moderate noise and will require some evening and weekend work. The noise level in the work environment is usually typical of an office environment and public events.

PHYSICAL: While performing the duties of this class, employees are regularly required to sit, walk, and stand; talk or hear, in person and by telephone; reach with hands and arms. Employees are occasionally required to walk, and stand for prolonged periods; stoop, bend, kneel and twist; and may lift up to 20 pounds. Employees must be able to communicate in person, in writing, and by telephone with Board members, management, co-workers, vendors, consultants, and with the public in face-to-face, one-on-one, and group settings.

VISION: See in the normal visual range with or without correction; vision sufficient to read computer screens and printed documents; and operate assigned equipment.

HEARING: Hear in the normal audio range with or without correction.

-----SVCE IS AN EQUAL OPPORTUNITY EMPLOYER-----