POWER RESOURCES PLANNER

SALARY RANGE: $116,300 - $182,757

SUMMARY DESCRIPTION

Under general direction of the Director of Power Resources, the Power Resources Planner ("Planner"), is responsible for power portfolio planning, rate development support, and forecasting of supply and demand side programs. 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.

SUPERVISION RECEIVED AND EXERCISED

This position reports directly to the Director of Power Resources. Management of consultants and contractors is expected. This position has no direct reports however may supervise temporary and/or internship positions.

ESSENTIAL FUNCTIONS

- 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.
- Evaluates the cost and benefits of distributed energy resources including energy storage, energy efficiency, distributed generation, electric vehicles and customer-sited generation and storage.
- Support/lead in the administration and selection of energy solutions through local and/or regional requests for proposals.
- Work with other public agencies within SVCE's territory to explore, evaluate and implement carbon-free and renewable energy projects.
- Assist in the development of retail rates to meet customer and decarbonization needs including Net Energy Metering, custom contract rates for large customers, green tariffs, and renewable energy feed-in-tariffs.
- Support integrated resource planning efforts.
- Support legislative and regulatory efforts by providing subject matter expertise and/or policy analysis.
- 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, resource adequacy, power content label reporting, and integrating resource planning requirements
- Assist in Support/lead the development of partnerships with local, state and federal agencies, national laboratories, universities, businesses, start-ups, and non-profits to create opportunities for program funding, new program markets and more effective program design and implementation.

- Lead the development of applications in response to funding opportunities issued by the CPUC, CEC, BAAQMD, DOE, CARB, and other agencies.
- Contribute to ongoing work with staff from member jurisdictions to support local climate action plans.
- Support the development and implementation of SVCE's overarching decarbonization roadmap.
- Write staff reports and presentations for Board and Committee meetings.
- Performs related duties and responsibilities as required.

KNOWLEDGE, SKILLS, AND ABILITES

Knowledge of:

- Principles of electricity generation, transmission, distribution and infrastructure.
- Strong understanding of statistics, machine learning, and optimization algorithms and principles, and their application.
- End-to-end knowledge of retail customer programs (design, development, implementation, evaluation, measurement, and verification).
- Regulatory and legislative activities relating to decarbonization, distributed energy resources, demand response.
- Familiarity with policies and procedures at the CPUC, CEC, CARB, BAAQMD and the California ISO related to decarbonization, electrification, building codes, distributed energy resources, rates and customer programs.
- Deeper subject matter expertise in one or more of the following topics: state and local climate and energy policy, pathways to deep decarbonization, wholesale and retail power markets, resource planning, energy usage in the built environment, building codes and end uses, transportation electrification, grid integration, electric distribution system, and grid edge technologies.

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.

PHYSCIAL 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.

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