

OPEN POSITION ANNOUNCEMENT

Load Forecasting Manager

Open until filled. Posted July 2, 2026.

San Diego County, hybrid work schedule set by San Diego Community Power

About the Role

San Diego Community Power (Community Power) is seeking a highly motivated and detail-oriented Load Forecasting and Analytics Manager for a critical role on the Power Services Team. Under supervision of the Director of Portfolio Management, the Load Forecasting Manager will lead load forecasting activities and perform a full range of duties utilizing statistical techniques to support energy procurement activities. The position will be responsible for implementation and maintenance of Community Power's intermediate and long-term electric load forecast and monitoring and analysis of forecast-to-actual results. Strong candidates will have significant load forecasting experience in the electric industry, proven statistical and data analysis abilities, knowledge California policy and electric rate development, and will be a proactive, big-picture thinker who also has a strong detail orientation and ability to work collaboratively with others.

About San Diego Community Power

San Diego Community Power is a community-driven public agency providing clean energy to nearly 1 million customer accounts across the San Diego region. Formed in 2019, Community Power purchases energy from renewable sources, which SDG&E delivers through its power lines. As a not-for-profit, any revenues beyond operating costs are reinvested in our local communities.

Commitment to Diversity

Community Power is an Equal Employment Opportunity (EEO) and American Disabilities Act (ADA) employer. Community Power values diversity and is committed to fostering an inclusive environment for all employees. We strive to hire employees reflective of the diverse communities that we serve. We provide equal employment opportunities to all applicants and prohibit discrimination and harassment of any kind, regardless of race, color, national origin, sex, gender identity or expression, sexual orientation, age, disability, protected veteran status, or any other characteristic protected by federal, state or local laws.

Primary Duties & Responsibilities

Load Forecast Management:

- Take on primary responsibility for development of multi-year, hourly load forecasts that support energy purchasing, hedging, and integrated resource planning. Develop monthly peak forecasts used to support Resource Adequacy filings with the California Public Utilities Commission.
- Set, monitor, and adjust projected hourly line loss factors used to calculate energy purchasing requirements. Maintain econometric models using forecast modeling software to forecast intermediate and long-term SDCP customer electric usage, energy and peak demand.
- Oversee SDCP's 14-day and day-ahead weather adjusted load forecasts. Assist with evaluation and improvement of short-term load forecast performance.

- Collaborate with internal stakeholders (including finance, regulatory, planning, and programs teams) regarding forecast methodology and analysis to ensure deliverables to meet their needs

Monitoring and Analysis:

- Design and implement a system to track and analyze accurate historical load forecasts monthly using industry standard methodologies including, but not limited to, back casting and weather normalization.
- Support revenue forecasting, rate design (TOU, pilot rates, etc.) and cost of service analysis.

Load Research, Distributed Energy Resources (DER) Forecasting, Statistical Analyses:

- Conduct “top down” macroeconomic research into factors such as population and economic growth and recession impacting long-term load forecasts.
- Forecast load modifiers such as distributed energy resources, energy efficiency, electric vehicles, large load customers, territory expansions, residential and commercial building code standards and other appliance adoption rates and their impact on total, peak and hourly load. Forecast impact of new rate designs including time of use rates on load.
- Conduct customer load segmentation and analysis to inform load forecasting and support customer program planning and design. Incorporate various other data sets such as building age and type and SIC types to understand usage patterns and inform resource planning. Support evaluation and measurement of customer programs as assigned.

Revenue Estimation, Revenue Forecasting and Rate Setting Support:

- Estimate prior month revenues to support revenue accrual process and month end close. Forecast SDCP revenues at product and rate group levels. Manage and improve models used to estimate and forecast SDCP revenues based on historical load data, billing determinant forecasts, retail rates, and retail rate scenarios.
- Perform historical, current, and forecast revenue analysis in support of SDCP cost of service analysis. Participate in rate design and cost allocation analysis as assigned.

Modeling and Data Management Support:

- Work with the Technology and Data team, SDCP's Data Analytics Manager, and SDG&E to improve reporting timeliness and accuracy of historical use and other data. Support teams in data management and use of SDCP's enterprise data platform. Support development of standard outputs formats and organization of load forecasting results within SDCP's internal data enterprise platform and provide relevant SDCP internal analysis products.
- Participate in improving technical processes, building and maintaining various statistical and other tools to support load analysis and forecast accuracy.

External Forecasting Liaison:

- Coordinate with external entities like the California Energy Commission (CEC), California Public Utilities Commission (CPUC), San Diego Gas & Electric (SDG&E), CalCCA, and other as needed for coordination on utility forecasting assumptions.
- Participate frequently in CEC IEPF forecast process via filings and represent SDCP at intermediate Demand Analysis Working Group (DWAG) meetings. Follow IEPF load forecasting methodology changes with respect to load modifiers, state policy objectives, and regulations.
- Participate in load forecasting industry groups and conferences; remain up to date with the latest load forecasting proactive trends and research. Provide leadership on issues related to load forecasting and research. Present proposed changes to load forecast and other load research findings to SDCP management as needed.

This job description may not be inclusive of all assigned duties, responsibilities or aspects of the job described and may be amended at the discretion of Community Power as needed.



Skills & Qualifications

Required Skills & Qualifications

- Knowledge and experience with econometric methods, tools, and software
- Mathematical background and strong analytical and problem-solving skills
- Strong analytical and problem-solving skills; must be able to provide timely and accurate data analysis
- Familiarity with database languages such as SQL, R, or Python and other related applications as well as analytics/business intelligence platforms such as PowerBI and Tableau is a plus.
- Ability to balance multiple priorities to meet deadlines
- Strong work ethic and comfort taking initiative
- Professional communications skills, in writing and verbally, as this role works in collaboration with staff and external SDCP contacts.
- Proficiency with Microsoft Office Suite, Word, Excel and PowerPoint and ability to use virtual meeting and calendaring applications.
- Ability to communicate and collaborate effectively with a variety of individuals representing diverse cultures, backgrounds, and languages to meet diverse teams and communities.

Preferred Skills & Qualifications

- Experience with the utility industry, working for an electric investor-owned or public utility company, a Community Choice Aggregator, or similar electric sector company.
- Master's degree in statistics, econometrics, data science, or closely related field.
- Expertise with database languages such as SQL, R, or Python and other related applications, familiarity with machine learning and business intelligence platforms.
- Experience and knowledge of statistical modeling techniques such as GLM multiple regression, logistic regression, log-linear regression, time series, stochastic, probabilistic for reliability, and Bass Diffusion modeling techniques, etc. is a plus

Education & Experience

Any combination of education and experience that would provide the above skills and qualifications is acceptable. Typical methods to obtain the required qualifications include:

A bachelor's degree or higher from an accredited college or university in economics, statistics, data science or related mathematic field, with at least five years' experience in load forecasting or equivalent.

Work Environment & Condition

Prolonged periods sitting at a desk and working on a computer is required. The occasional carrying, lifting and/or moving objects up to 25 pounds is required. Occasional local travel and reliable transportation to attend Community Power public meetings, events and workshops on an as-needed basis is required.

Community Power employees work in the office and in the communities we serve. Community Power works to ensure a safe and healthy workplace for its employees and members of the community. Employees are required to be fully vaccinated for COVID-19.

Community Power is a public agency required to adopt and promulgate a Conflict of Interest (COI) Code. The COI Code requires employees in designated positions (including those identified under the interim disclosure process) to file a Statement of Economic Interests (Form 700) on an annual basis. A candidate accepting this position may be required to file COI forms subject to the regulations of the Fair Political Practices Commission.

Compensation

Salary Range

The position's salary range is \$117,800 - \$159,000 with exact compensation to be determined by Community Power, depending on the candidate's experience.

Benefits

Standard benefits package include, but are not limited to:

Insurance: Community Power offers group health benefits, including medical, vision and dental insurance for eligible full-time employees. Community Power pays 100% of group health benefits, including medical, vision and dental insurance premiums for employees and dependents. Community Power also pays for a \$100,000 life and accidental death and dismemberment policy, short-term disability and long-term disability.

Retirement: Community Power offers a 457(b) plan for employee contributions and contributes 10% of eligible compensation to the employee's Money Purchase Plan.

Paid Time Off: Community Power offers 11 holidays per year, plus a paid winter holiday (between December 24 and December 31); 160 hours of accrued paid time off (increases with time in service); and 96 hours per year of accrued paid sick leave.

How to Apply

Applicants must submit their resume, cover letter and references through Community Power's recruiting platform, Greenhouse. Applicants can access the platform at [Job-Boards.Greenhouse.io/SanDiegoCommunityPower](https://job-boards.greenhouse.io/SanDiegoCommunityPower) or by clicking "View Open Positions" on Community Power's "Careers" webpage: SDCommunityPower.org/Careers.

