



Load Forecasting and Analytics Manager

Who We Are

Clean Power Alliance (CPA) is Southern California's locally operated non-profit default electricity provider for 32 communities within Los Angeles and Ventura counties and the 5th largest electricity company in the State of California. We provide clean renewable energy at competitive rates to over three million residents and businesses through approximately one million customer accounts.

What You'll Do

CPA uses its market power to advance clean energy goals in a way that adheres to the local priorities of its member agencies. To further this mission, CPA is seeking a motivated and detail-oriented team member to lead its load forecasting activities, working closely with both the energy procurement and finance divisions of the organization.

The Load Forecasting and Analytics Manager performs the full range of professional load and revenue forecasting duties utilizing analytical and statistical techniques. The position is responsible for coordinating the internal and external information necessary to complete load forecasts and performs monitoring and analysis of forecast-to-actual results. Strong candidates will have significant load forecasting experience and proven statistical and data analysis abilities, be a proactive, big-picture thinker who also has a strong detail-orientation and have demonstrated the ability to work collaboratively with others. This is a challenging opportunity to play a key role in restructuring Southern California's energy market to rapidly reduce greenhouse gas emissions and provide local choice in energy supply and services.

Who You'll Work With

The Load Forecasting and Analytics Manager report directly to the Chief Financial Officer and will work closely with the energy procurement and finance divisions of the organization, as well as other staff working on resource planning, regulatory compliance, and rates analysis.

Commitment to Diversity

At CPA, we value diversity and are committed to creating an inclusive environment for all employees. We represent a diverse customer base and intend to hire employees that reflect our communities. Clean Power Alliance provides equal employment opportunities to all applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status,

genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws.

Culture

CPA fosters a culture of open communication, responsibility, and intellectual curiosity. As a small team that has quickly built the largest Community Choice Aggregation program in the country, high levels of trust, collaboration, and mission alignment are key factors in success. We value fact-based creativity in our work, accountability with our stakeholders, and promote ethical engagement and diversity with our brand.

Successful Candidates Must Demonstrate the Following Abilities:

- High attention to detail with strong organizational skills.
- Strong project management skills.
- Handle multiple priorities to meet deadlines and escalate key issues.
- Work accurately and swiftly under pressure.
- Demonstrate good judgement and integrity.
- Communicate effectively, orally and in writing and can translate complex technical information into non-technical language.
- Have a high tolerance for uncertainty but know how to bring things to resolution.
- Have a strong work ethic befitting a start-up environment.

Duties and Responsibilities

- **Load Forecast Management:** Develop multiyear, 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. Work with the Power Supply team to ensure annual and monthly RA filings are completed on a timely basis. Forecast billing determinants used to support revenue forecasting and cost of service analysis. Set, monitor and adjust projected hourly line loss factors used to calculate energy purchasing requirements. Oversee CPA's 14 day and Day Ahead weather adjusted load forecasts.
- **Monitoring and Analysis:** Design and implement a system to track and analyze accuracy of historical load forecasts monthly using industry standard methodologies including but not limited to back casting and weather normalization.
- **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 distributed energy resource, energy efficiency, electric vehicles and other appliance adoption rates and their impact on 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 CPA revenues at product and rate group levels. Manage and improve models used to estimate and forecast CPA revenues based on historical load data, billing determinant forecasts, retail rates and retail rate scenarios. Evaluate rate design options and provide recommendations concerning CPA rate design as assigned.
- **Modelling and Data Management Support:** Work with the Technology and Data team, CPA's data manager and Southern California Edison to improve reporting timeliness and accuracy of historical use and other data. Support CPA's Technology and Data team in its management of the data warehouse by for instance, performing user testing and defining data warehouse requirements. Build and maintain various statistical and other tools to support load analysis.
- **External Forecasting Liaison:** Coordinate with external entities like the California Energy Commission (CEC), California Public Utilities Commission (CPUC), Southern California Edison (SCE), CalCCA, and others as needed, for coordination on utility forecasting assumptions.
- **Consultant Selection and Management:** Manage RFP processes, select third party vendors, negotiate contracts, and manage third party consultants that support load forecasting analysis and research as needed.
- **People Management:** Recruit and manage staff of up to two employees over an estimated period of two years. Responsible for training and building a team of successful analysts.
- **Other Responsibilities:** Participate in load forecasting industry groups and conferences; remain up to date with the latest load forecasting practice trends and research. Provide thought leadership on issues relating to load forecasting and research. Present proposed changes to load forecast and other load research findings to CPA management and the Board as needed.

Qualifications

- BA or BS degree in in economics, statistics, information technology or related field, and at least 5 years of increasingly responsible experience in load forecasting or equivalent.
- Master's Degree and experience with and understanding of rate setting is preferred.
- Experience working in electric utility, Community Choice Aggregation, or cleantech program is preferred.
- Ability to sit at a desk and work on a computer for prolonged periods.
- Experience managing direct reports is preferred.
- Currently, this position is temporarily remote; however, when the office reopens in January 2022, this position is expected to report to our downtown Los Angeles office at least 3 days per week. (The actual days of the week to be worked in the office will be determined by CPA, not by the candidate.)

Required Skills

- Excellent verbal and written communication skills.
- Excellent interpersonal, negotiation, and conflict resolution skills.
- Excellent organizational skills and attention to detail.
- Strong analytical skills.
- Ability to prioritize tasks and to delegate them when appropriate.
- Ability to act with integrity, professionalism, and confidentiality.
- Proficient with Microsoft Office Suite or related software.

Salary and Benefits

The salary range for this position is \$130,380-\$176,890, with exact compensation to be determined by Clean Power Alliance, dependent on experience. Benefits include health care, a 401(k)-like match program, paid vacation, and sick leave. This is not a civil service position; however, all CPA employees are required to submit a Statement of Economic Interests form, also known as the Form 700.

How to Apply

Candidates should apply at

https://recruiting.myapps.paychex.com/appone/MainInfoReq.asp?R_ID=3896251

The start date for the position is as soon as possible and will remain open until filled.