



Energy Market Risk 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 4th largest electricity provider 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 is seeking a motivated, detail-oriented team member to support the development of its Energy Trading and Risk Management (ETRM) system, develop middle office risk models and processes, and perform risk management activities. The position will utilize database concepts, a facility with SQL, Python or similar programming language and analytical and statistical techniques. The Energy Market Risk Manager will be responsible for maintaining and enhancing systems, models and processes that support critical risk and procurement analytics and reporting, as well as leading or supporting those activities.

Who You'll Work With

The Energy Market Risk Manager will report to the Director, Energy Risk Management and will work closely with the energy procurement, data & systems groups, and other members of the finance team. This position will work with CPA's scheduling coordinator and other consultants as assigned. Significant interaction with executives will be available and encouraged.

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, intellectual curiosity, and exceptional judgement. 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:

- Strong financial and energy position modelling capabilities
- Demonstrated skill with SQL and aptitude for database design/architecture
- 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
- High tolerance for uncertainty but know how to bring things to resolution
- Strong work ethic befitting a late-stage start-up environment

Duties and Responsibilities

- **Middle Office Systems:** Lead the continuing build-out and enhancement of CPA's Energy Trading & Risk Management System (ETRM), a Postgres database, and related Snowflake data warehouse that securely captures all procurement activity, as well as related data such as price curves and customer energy loads. Develop and support ongoing system testing and user acceptance testing of the current and future ETRM implementation phases. Perform analytics and create report design and development. Identify functions that can be brought in-house and plan out strategies for doing so.
- **Financial Modelling:** Maintain and improve the interface between the ETRM system and CPA's financial models. Provide quality control and backup support for financial model updates. Connect ETRM data to the financial model through SQL queries and add hypothetical scenario analysis functionality to the model by varying of the ETRM input data. Build or support data-based ad hoc financial analyses such as pro forma cash position forecasts, financial risk quantifications, alternate procurement product or strategy comparisons,. Execute other financial or quantitative modelling tasks as they arise
- **Risk Management:** Build out and automate systems and reporting that allow the middle office to perform the following functions:
 - Monitor market events and suggest prudent risk reduction measures through hedging strategies and derivative products
 - Ensure that CPA adheres to risk policies and procedures by maintaining compliance monitoring and reporting
 - Ensure energy and related positions are updated, validated and accurately reported
 - Conduct energy position scenario modelling
 - With support from Regulatory and Front Office teams, ensure that decisions by regulatory bodies and market events are accurately reflected in CPA's positions and position scenarios
 - Ensure that commercial transactions and related risks are captured by CPA's risk systems
 - Review daily profit/loss, risk and position reports for commercial desks and executive team
 - Monitor counterparty credit exposures and limits
 - Analyze risk/return profiles related to new products, markets, and structured deals and liaise with the business functions to assure risks are understood, are appropriate to risk appetite, and can be correctly represented in and reported from the trading and risk management systems
- **Vendor Selection and Management:** Assist with RFP processes, the selection of third-party vendors, and management of third-party consultants that support credit and energy risk management functions as needed
- **Other duties:** Demonstrate thought leadership in the research and development of emerging issues and solutions impacting risk management at CCAs. Other duties, including management of junior staff, as assigned.

Qualifications

- Candidates must have a bachelor's degree and a minimum of 5 years of experience or a master's degree and a minimum of 3 years of experience.
- Must have experience in energy middle office, risk management, structuring, pricing, power planning or trading/procurement
- Experience with trading and risk management systems is required
- Experience supporting system implementation projects is required
- Knowledge of SQL, relational database concepts and Python, R or similar is required
- Start-up experience and a track record of establishing policies and procedures is highly desired
- Must be able to sit or stand at a desk and work on a computer for prolonged periods

Required Knowledge, Skills, Experience

- Product knowledge in electricity, gas, oil, and/or petrochemical markets
- Knowledge of financial market mechanics and valuation of physical/financial contracts
- Working knowledge of quantitative risk management models and methodologies
- Dynamic interpersonal skills with strong verbal, writing and presentation skills
- Experience with the development, implementation, application, and oversight of risk metrics and models
- Capacity to work under time-sensitive business and reporting deadlines

Work Location

This position is eligible for either Hybrid or Remote options. The Hybrid option requires 2-3 assigned days in the Downtown Los Angeles office and includes an enhanced transportation allowance. The Remote option requires in-person attendance at organization or team-wide events 3 times per year for 3-5 days per event.

Salary and Benefits

The salary range for this position is \$149,694 - \$215,559 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 visit the [CPA LinkedIn Jobs Page](#) to complete an application.

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