



Senior Middle Office Risk Analyst

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 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 architectural and analytical and statistical techniques. The Senior Middle Office Risk Analyst 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 Senior Middle Office Risk Analyst 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:** Continue the 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. Help define and support ongoing system testing and user acceptance testing of the current and future ETRM implementation phases. Assist with analytics and report design and development. Help 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 model. 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 including pro forma cash position forecasts, financial risk quantifications, alternate procurement product or strategy comparisons, etc. 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:
 - Ensure that CPA adheres to risk policies and procedures by maintaining compliance monitoring and reporting
 - Ensure that commercial transactions and related risks are captured by CPA's risk systems
 - Review and distribute 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 constituent 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 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. (Degree must be in Finance, Data, Computer Science, Economics, Mathematics, or other related field.)
- Must have experience in energy middle office, risk management, structuring, pricing, or trading experience
- Experience with trading and risk management systems required
- Experience supporting system implementation projects is required
- Knowledge of SQL, VBA, Excel, and database concepts required
- Knowledge of R, Python or similar programming languages is preferred
- Start-up experience and a track record of establishing policies and procedures is highly desired
- Must be able to sit 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 \$120,172 - \$163,049, 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.