INVITES APPLICATIONS FOR

SENIOR QUANTITATIVE ANALYST
You Have the Power!

Please consider this opportunity to serve as the Senior Quantitative Analyst for *Silicon Valley Clean Energy*

- Serve a mission-driven organization dedicated to lowering carbon emissions
- Join a dynamic team delivering clean energy to Silicon Valley

**About Silicon Valley Clean Energy**

*Silicon Valley Clean Energy* (SVCE) is a community-owned electricity provider serving approximately 270,000 residential and business customers in Silicon Valley with annual revenues of nearly $300 million. As a leader in the clean energy industry, SVCE embodies Silicon Valley’s culture of entrepreneurialism and environmental responsibility and is poised for continued growth and innovation. SVCE is laser-focused on its mission to bend the carbon curve downward by providing renewable and carbon-free electricity to consumers at competitive rates and to offer innovative customer programs to lower carbon emissions from transportation and buildings.

Founded in 2016, SVCE is governed by a supportive board of directors representing the thirteen communities it serves and is managed by a board-appointed CEO. The CEO and executive team are smart, collaborative, and results-oriented, jointly committed to improving their organization, community, industry, and the world.

For further information about SVCE, go to [www.SVCleanEnergy.org](http://www.SVCleanEnergy.org).
Work Culture
SVCE exemplifies Silicon Valley’s entrepreneurial and innovative spirit by pursuing cutting edge programs and services. It operates like a start up with high energy and high expectations where creative problem solvers and strong communicators work together to meet customer needs and pursue an environmentally sustainable future.

The organizational culture supports open communication, responsibility, creativity, accountability, teamwork, and care while welcoming the diversity of experience and perspectives brought by each employee.

The Position
Silicon Valley Clean Energy (SVCE) is seeking a dedicated, driven professional to work on quantitative modeling functions for SVCE. The Senior Quantitative Analyst (Analyst) reports to the Senior Risk Manager on the Finance & Admin team but may be assigned to assist in the work of other teams.

The Analyst leads the build out and maintenance of the company-wide net revenue model and associated variance measures relative to budget, the build out and maintenance of the stress test and cashflow models, and structures deal pricing for commercial customers. The role is also responsible for the development of market and liquidity risk analyses, including estimating and calibrating parameters for use in risk models. Additional tasks include developing new financial, market, and credit models as needed.

The Analyst works independently to perform assignments under the general direction of the Senior Risk Manager. The Analyst performs a number of modeling, market and credit risk management, and risk reporting functions. The Analyst is tasked with evaluating the effectiveness of risk models like internally developed stress test models, the Power Charge Indifference Adjustment (PCIA), impact model on hedging, and other third-party models, including stochastic models of the power portfolio.

Specifically, the Analyst will develop, maintain, and validate key models, data, and assumptions for use in key SVCE analyses. In addition to modeling, the Analyst will produce risk reports for senior management and board review and help analyze power portfolio variances in the budget.
The Ideal Candidate Will Have Knowledge Of

- The mission and goals of SVCE
- California electric utility market, regulation, practices, protocols, and procedures.
- Statistical and analytical methods, techniques, and procedures, along with basic programming skills
- Energy Trade and Risk Management systems and their operation, including option pricing and modeling
- How to develop new data models that reflect a changing business environment
- Effective communication, both written and oral, in front of a diverse set of audiences, including the ability to explain complex models.

Key Attributes

Mission Driven
Passionate and inspired by SVCE’s vision of combating climate change.

Collaborator
Engages stakeholders in internal operations and resists a siloed organization.

High energy
Performs at full bandwidth and with high expectations; excels in a hands-on entrepreneurial environment.

Qualifications and Experience

Any combination of experience and training equivalent to seven (7) years of progressively responsible experience with wholesale energy trading and retail power markets at an electric utility, independent power producer, or other entity within the energy sector, or a closely related field.

A Bachelor’s Degree in mathematical and computational finance, economics, actuarial science, engineering, business, or a closely related discipline; or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the position. A Master’s Degree in one of those fields can substitute for up to one year of the required experience.

Compensation

Compensation will be $121,933 - $174,687 based upon qualifications and depth of experience.

SVCE offers an attractive benefits package including individual, family, and domestic partners health insurance; monthly fitness benefit; defined-contribution retirement and employer matching contributions; health reimbursement account stipend; a flexible spending account stipend; and paid vacation.

SVCE currently operates under a hybrid-work model, with significant opportunity for remote work, with in-person / in-office expectations based on the role.

To Be Considered

Please find the required SVCE Application Form and additional information along with submittal instructions at: https://www.svcleanenergy.org/jobs/

This posting is open until filled.