Decarbonization & Grid Innovation Analyst

Applications due by July 24, 2020 (end of business day)
Salary Range - $83,737 - $131,585

SVCE is seeking to hire a full-time Decarbonization & Grid Innovation Analyst who works under the direction of the Director for Decarbonization & Grid Innovation and collaborates closely with the Directors and Managers of other teams (Power Supply, Account Services & Community Relations, Legislative & Regulatory Policy, Administration & Finance) to plan and design a platform and portfolio of programs to achieve SVCE goals. The focus areas of the program portfolio include mobility, the built environment and grid integration and innovation. In general, built environment programs will catalyze efficient electrification and reimagine energy use in the built environment; mobility programs will reduce emissions, electrify, and automate personal and commercial transport; and grid integration & innovation programs will enable demand-side flexibility for achieving high-penetration renewables. This position will focus primarily on built environment programs.

About Silicon Valley Clean

Silicon Valley Clean Energy (SVCE) is the Community Choice energy service provider for approximately 280,000 customer accounts across Santa Clara County. SVCE is locally controlled by its 13 member agencies, and it provides its customers with renewable and carbon-free electricity at competitive rates. SVCE is accelerating decarbonization through the development of local solutions, ranging from increasing building electrification to supporting the adoption of electric vehicles. We want creative problem solvers that are excited to work in an entrepreneurial environment and grow our organization! SVCE is committed to a diverse and inclusive workforce that is reflective of Santa Clara County’s rich culture and communities.

Position Summary

SVCE is seeking to hire a full-time Decarbonization & Grid Innovation Analyst who works under the direction of the Director for Decarbonization & Grid Innovation and collaborates closely with the Directors and Managers of other teams (Power Supply, Account Services & Community Relations, Legislative & Regulatory Policy, Administration & Finance) to plan and design a platform and portfolio of programs to achieve SVCE goals. The focus areas of the program portfolio include mobility, the built environment and grid integration and innovation. In general, built environment programs will catalyze efficient electrification and reimagine energy use in the built environment; mobility programs will reduce emissions, electrify, and automate personal and commercial transport; and grid integration & innovation programs will enable demand-side flexibility for achieving high-penetration renewables. This position will focus primarily on built environment programs.

- **Culture**: SVCE fosters a culture of open communication, responsibility, curiosity, accountability, teamwork, and care. We welcome a diversity of experiences and perspectives.
• **Start date:** Target September 1, 2020. The deadline to apply is July 24, 2020 at 5 PM. Candidates should send application materials to hr@svcleanenergy.org with the job title in the subject line.

• **Location:** This position will be based in SVCE headquarters in Sunnyvale, near Caltrain. At the present time, SVCE is working remotely into the fall.

• **Employment:** As an equal opportunity employer, we are committed to diversity, equity, and inclusion and strongly encourage people of color, women, those who identify as LGBTQ+, non-binary individuals, and those with disabilities to apply. Must be authorized to work in the U.S. Employer is unable to sponsor work visas.

• **Compensation:** Competitive compensation package offered, based on candidate experience. The Decarbonization & Grid Innovation Analyst position is part of a broader series and may be staffed at the Associate or Senior levels, depending upon candidate experience.

• **Benefits:** SVCE offers a generous benefits package including
  ○ Individual, family, and domestic partner health insurance
  ○ Monthly Fitness benefit (ex: stipend for gym or exercise classes)
  ○ Retirement and Employer Matching Contributions
  ○ Health Reimbursement Account stipend
  ○ Flexible Spending Account stipend (ex: transit, health, dependent care)
  ○ Paid Vacation
  ○ Other benefits

**Position Details**

*Essential Duties and Responsibilities*

Carry out technology, policy, and economic analysis to support the planning, design, development, and evaluation of programs to support decarbonization and grid integration across SVCE service territory.

• Work closely with the other teams (Power Supply, Account Services & Community Relations, Legislative & Regulatory Effectiveness) as needed throughout a program’s lifetime (design, development, implementation, evaluation, measurement, and verification).

• Support integrated resource planning efforts.

• Support the development of partnerships with local, state, and federal agencies, national laboratories, universities, businesses, start-ups, and non-profits to create opportunities for program funding, new program markets and more effective program design and implementation.

• Support the development of applications in response to funding opportunities issued by the CPUC, CEC, BAAQMD, DOE, CARB, and other agencies.

• Contribute to ongoing work with staff from member jurisdictions to support local climate action plans.
- Support the development and implementation of SVCE’s overarching decarbonization roadmap.

- Write staff reports and presentations for Board and Committee meetings.

- Performs related duties and responsibilities as required.

**Qualifications for Decarbonization & Grid Innovation Analyst**

*Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying.*

**Education:**

- A Bachelor’s Degree from an accredited university or college in science, technology, engineering, mathematics, environmental science, or a related, quantitative field. A Master’s Degree in the aforementioned fields can substitute for up to one year of the required experience. A Doctoral Degree in the aforementioned fields can substitute for up to three years of the required experience.

**Experience:**

- Four (4) years, depending on level, of progressively responsible experience as an analyst at an electric utility, regulatory agency, cleantech company, or similar organization with emphasis on electrification of the built environment, mobility, or grid integration, or a closely related field.

**Knowledge:**

- Principles of electricity generation, transmission, distribution, and infrastructure.

- Data analytics and statistics.

- End-to-end knowledge of retail customer programs (design, development, implementation, evaluation, measurement, and verification).

- Regulatory and legislative activities relating to decarbonization, distributed energy resources, demand response.

- Familiarity with policies and procedures at the CPUC, CEC, CARB, BAAQMD and the California ISO related to decarbonization, electrification, building codes, distributed energy resources, rates, and customer programs.

- Deeper subject matter expertise in one or more of the following topics: state and local climate and energy policy, pathways to deep decarbonization, wholesale and retail power markets, resource planning, energy usage in the built environment, building codes and end uses, transportation electrification, grid integration, electric distribution system, and grid edge technologies.

**Skills:**

- Proficiency in Microsoft Office Suite and GIS software.
Superior project management skills, including managing multiple priorities.

Self-directed and comfortable operating in a dynamic, fast-paced start-up environment.

Ability to work independently or in a team, as needed.

Excellent written and oral communication skills

**Working Conditions**
SVCE is committed to reasonably accommodate an applicant for known physical or mental disabilities so that the applicant may participate in the application process. SVCE will engage in a timely, good-faith interactive process with any employee with a known physical or mental disability to identify potential reasonable accommodations, if any, to enable the employee to perform the essential functions of his or her position.

**Licenses/Certificates**
Possession and continued maintenance of a valid class C California driver’s license with a safe driving record or the ability to provide alternate transportation as approved.

**Submission Requirements**
Applicants must submit a cover letter outlining key qualifications and reasons for your interest, a current resume including education and 5 years of previous employment history, and a completed copy of the SVCE job application, available at http://www.svcleanenergy.org/jobs. Please email these documents and any questions to: hr@svcleanenergy.org by 5 PM on July 24, 2020.

**Working at Silicon Valley Energy**
SVCE is committed to complying with applicable laws, including the Americans with Disability Act and Fair Employment and Housing Act, ensuring equal employment opportunities to qualified individuals with a disability. SVCE prohibits unlawful discrimination based on age, sex or gender (including pregnancy, childbirth, breastfeeding or related medical conditions), genetic information or characteristics, gender identity, gender expression, race, color, ancestry, national origin, religion, creed, marital status, military or veteran status, sexual orientation, physical or mental disability, medical condition, or on any other basis prohibited by federal, state, or local laws.

The information contained herein does not constitute either an expressed or implied contract, and these provisions are subject to change.