

Job Description

Title: Controls Engineer

Location: Sausalito, California

About Noria Energy

Noria Energy is driven by a passion to increase solar adoption by bringing creative solutions to project development. We develop solar energy projects that deliver clean energy to wastewater treatment plants, heavy industries, hydroelectric power plants, and other commercial customers. Our pipeline includes rooftop, ground mount and floating solar systems - often coupled with energy storage technologies. In addition, we are developing products and solutions to improve project value and the environment. Including Patented solutions.

Our rapidly growing team comes from leading renewable energy roles in academia, the non-profit sector, corporate R&D, and sales. We value an open and flexible workplace culture that encourages self-motivation and diversity of thought. For more information about Noria Energy, please visit www.noriaenergy.com

About the Position

Reporting to the Head of Technology Development, the Controls Engineer will be a key member of Noria's technical team in charge of developing new products as well as leading the relationships with 3rd party SCADA and power plant controller providers. The ideal candidate must be comfortable with control system architectures and have direct experience writing embedded firmware or code for programmable logic controllers. A successful candidate for this position is a hands-on problem solver, has strong electrical and mechanical engineering fundamentals, working knowledge of power electronics and control systems, and excellent communication skills. The candidate must be excited to challenge themselves and learn new skills and areas of expertise.

Responsibilities

- Develop state diagrams for control systems and work with programmable logic controllers
- Technical point of contact for Noria's data acquisition system (DAS) and SCADA providers
- Provide exceptional firmware development work to support project and prototype goals
- Design and integrate Power Plant Control (PPC) implementations with DAS & SCADA for renewable energy systems.
- Conduct and document testing including benchtop and field testing
- Benchmark existing and competing products and measure improvements of new concepts
- Use in-house demos, pilot installs, and local sites to test new and refine processes
- Develop and write work instructions for new products
- Support the Engineering team and other departments on tasks as needed
- Communicate across disciplines while interacting with other teams and keeping pace with rapidly developing priorities
- Understand company strategy and anticipate future needs
- Help to drive a culture of inclusion

Qualifications

- Degree in Electrical Engineering, Mechanical Engineering, or related field
- Minimum 3 years of experience in at least one of the following areas: programmable logic controllers, firmware, embedded systems
- Hands-on experience with solar, energy storage, electric vehicle, or industrial drives equipment, required
- Interest in renewable energy and water conservation
- Competency in Python, C# programming language, or equivalent
- Knowledge of Modbus communication protocol
- Demonstrated track record of innovation and problem-solving capabilities
- Ability to communicate clearly and effectively with internal and external functional teams verbally, in writing, and via presentations



- Strong attention to detail and hands-on mentality with an aptitude for on-the-job learning and creative thinking
- Ability to thrive in a fast-paced environment with competing priorities

Equal Opportunity Employer

We believe our employees are our greatest resource. We offer competitive salary and benefits for all full-time, permanent positions. We are proud to be an equal opportunity workplace. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity, or Veteran status. If you have a disability or special need that requires accommodation, please let us know. Must be eligible to work in the U.S. without need for employer sponsored visa (work permit).

Please send resume and cover letter to careers@noriaenergy.com.