



Senior Wind Turbine Controls Engineer

Company Overview:

PivotGen focuses on repowering wind farms utilizing tailor-made strategies developed for each project. We are led by a management team with over 50 years of experience in renewables. Partnering with ACEN Renewables, based in the Philippines, which is an international, publicly-traded renewable energy company with ~4,000MW installed capacity across Asia Pacific; and UPC Renewables, a global developer and operator with over 5,000MW of operating wind and solar projects, we provide solutions utilizing state-of-the-art hardware and software in order to achieve long-term efficiency and reliability. With this approach, PivotGen extends project life, increases annual energy production, and reduces the project's levelized cost of energy.

Job Description

Reporting to the Director of Systems Engineering, this position will apply control theory to existing or new control systems to improve power generation. This includes operability, setting of boundaries, cycle optimization, control logic, control related software, sensors, hardware and software algorithms, and feedback to control the performance of devices, subsystems and systems.

This position will work on a cross-functional team with a centralized mindset on process, using intuition and experience. Consideration should be given to both the business and technical needs with the goal of maintaining a product that meets our requirements. The discipline that executes a robust process of design, creation, and optimization of systems, consisting of identification and quantification of system requirements, performance of design trade studies, selection and implementation of the best designs and verification that the design is properly integrated and executed. Processes extend from concept to implementation to operation.

Roles and Responsibilities

- Identify, develop, evaluate, introduce, and manage engineering solutions for product control and control system technology needs.
- Develop conceptual and practical application expertise using knowledge in professional discipline to introduce repowering approaches that enhance PivotGen's returns.
- Work cross functionally to understand, address and support resolution of systems level issues.
- Some travel to company wind farm assets or acquisition targets (<20%)



Required Qualifications & Desired Characteristics

The ideal candidate will have the following skills and experience:

- B.S. Degree (or equivalent) in Electrical or Controls Engineering
- 5+ years of experience in wind control systems including field implementation and supporting PLC and SCADA systems.
- PLC programming, configuration, and support
- Comprehensive understanding of Renewable Energy (wind and solar)
- Apply general knowledge of renewable energy business developed through education or prior experience.
- Collaborate across disciplines/functions to solve issues. Inquisitive...exchanges technical information, asks questions and validates understanding.
- Able to support development of procedures and best practices related to discipline. Able to mentor and educate less senior team members.
- Able to speak, read and write proficiently in English
- Located within contiguous 48 US states

The Company is unable and has no obligation to sponsor or assume the sponsorship of any applicant's employment visa.

How to Apply:

If you are interested in this opportunity, please submit your cover letter and resume or CV to HR@pivotgen.com. We thank all applicants for their interest, however, only those selected for an interview will be contacted.