

Company Profile: Endurance Wind Power Inc. is a manufacturer and supplier of a complete line of small to mid-sized, grid-connected wind turbines. Endurance Wind Power was founded on the strong belief that our planet needs affordable, long lasting and sustainable clean energy. Our customers desire clean, reliable, safe and cost-effective renewable energy to power their homes, farms, schools, businesses and even cities.

Our Surrey based team is among the most talented in the industry and is positioned for growth in this exciting industry. You too could be a part of our success.

www.endurancewindpower.com

Job Title: Control Software Engineer

Location: South Surrey, BC

Salary: Negotiable depending on experience

Note: This is a re-posting of an opening that was posted several weeks ago. We have chosen to re-post the opening as we received an insufficient quantity of applicants possessing applicable and recent PLC programming experience. While other platforms and programming languages are desirable, PLC programming experience is essential for this role. If you had previously applied for this role and would like to re-apply, please ensure that you highlight your specific PLC programming experience.

Duties:

- Programming wind turbine controllers and remote software:
 - Most frequent / immediate:
 - PLC programming (primarily Phoenix Contact, but other brands are used as well)
 - Less frequent:
 - Embedded controller programming (using C Programming Language)
 - PC software application programming (Visual Basic)
 - Web-based HMI programming (Java and HTML)
- Develop programming best practices including:
 - Defect lifecycle management systems
 - Software development life cycle management systems
 - Coding standards and code review procedures

Required Qualifications:

- Technical Requirements:
 - PLC programming experience (ideally according to the IEC 61131-3 standard)
 - Bachelor of Applied Science or Engineering or demonstrated equivalent in Software Engineering, Computer Engineering, Electrical Engineering or related discipline.
 - 3-7 years of post-graduate programming experience

- Non-technical Requirements:
 - Excellent verbal and written communications skills
 - Demonstrated ability to communicate effectively with technical and non-technical staff
 - Well organized with an attention to detail
 - Ability to prioritize and multi-task
 - Valid passport with no travel restrictions (occasional international travel required)

Desirable Qualifications:

- Experience with the C programming language
- Experience with TCP/IP communications including VPN routers and basic network troubleshooting skills
- Experience with serial and network communications (all OSI layers above the physical layer)
- Experience addressing web-based security and reliability issues
- Visual Basic experience
- Demonstrated competence working with real-time systems
- Electrical systems understanding or experience
- Experience with introducing new configuration management tools and policies
- Experience in a mature software development environment

Application Procedure:

- Due to the large number of expected applicants, a brief application form has been provided to summarize your application into one cover page. Please attach a cover letter and resume after the application form and place all three items in one pdf file if possible.
- Successful candidates will be selected for a preliminary 15min meet and greet style round one interview.
- Successful candidates from the round 1 interviews will be selected for a second interview for approximately 90min.
- Successful candidates from round 2 will meet the entire R&D team and several senior executives before the hiring committee makes a final decision.



Application Form:

Please place a completed version of this application form alone on page 1 of your application. Please email all completed applications to techjobs@endurancewindpower.com.

Name	
Email address	
Engineering Degree (Discipline, Date then school name)	
Years of programming experience	
Specific PLC programming experience	
Programming languages that you are strong at	
Programming languages that you have some familiarity with	
Current city of residence	
Current industry of employment	
Single most distinguishable asset compared to other applicants for this role	