

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: Intermediate Electrical Engineer

Location: South Surrey, BC

Salary: Negotiable depending on experience

Role Description: As a part of a rapidly growing Engineering team, the successful candidate will be involved in the complete “design, test, and maintain” lifecycle of various small wind turbine electrical systems. Electrical sub-systems to be worked on include, but are not limited to: control sensor selection and design, generator selection from approx 200W to 100kW+, power factor correction capacitors, relays and contactors, power electronic component selection including thyristors and solid state relays, control cabinet electrical design and layout and PLC system integration. The successful candidate will regularly get involved with their designs on our production floor (initial training and ongoing troubleshooting) as well as have the occasional opportunity to perform field work at our wind test site in Utah or at a customer install location.

Required Qualifications:

- Technical Requirements:
 - Bachelor of Applied Science or Engineering or diploma with demonstrated equivalent
 - 3-7 years electrical engineering experience for university graduates (5-9 for technologists)
 - Experience with industrial control system sensor selection and integration
 - Experience with power electronics, various generator technologies and PLC system integration
 - Excellent hands-on electrical trouble-shooting skills
 - Experience creating and reviewing electrical schematics in a production environment
- Non-technical Requirements:
 - Demonstrated “solution provider” mentality with a strong work ethic is essential to fit into our fast-paced team
 - Excellent verbal and written communications skills including the ability to communicate effectively to 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:

- Solid understanding of three phase systems
- Experience in the wind turbine or renewable energy industry
- Experience with drawing control in an ISO 9001 company
- Embedded hardware design and troubleshooting experience

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 or Diploma (Discipline, Date then school name)	
Years of electrical engineering experience	
Specific electrical sub-systems you are very experienced with	
Specific electrical sub-systems you have some experience with	
Current city of residence	
Current industry of employment	
Single most distinguishable asset compared to other applicants for this role	