



## SENIOR TRANSMISSION & DISTRIBUTION LINE ENGINEER (P.ENG.)

### Introduction

Clean Energy Consulting (CEC) is a well-established BC company with offices in BC and the Yukon, dedicated to building outstanding projects. With involvement at all stages of project development, we strive to better understand and fully accomplish the desired project outcomes for our clients. Our self-directed, hands-on team enjoys the opportunity to be involved from the concept through to operation. This allows our team to learn and improve while providing ongoing challenges and opportunities for development.

### Summary

CEC is currently looking for a **Senior Transmission & Distribution Line (T&D) Engineer (P.Eng.)** to join the team. This position will be primarily focused on providing T&D engineering services to our clients in the Renewable Energy, Utility, and Mining sectors. The ideal candidate will be a professional engineer (P.Eng.), have significant experience in direct T&D design, be highly proficient in use of the PLS suite of programs and be an excellent communicator. They should have an excellent understanding of engineering principles, and a willingness to learn and to adapt their design practices through diverse and challenging projects. They should be flexible to work with a wide array of clients, standards and project sizes. They should also be striving to increase their knowledge in technical and business systems.

### Duties and Responsibilities

- Provide T&D engineering and design services.
- Manage and deliver T&D projects of varying size and complexity.
- Mentor engineers and designers, including training, development, and supervision.
- Undertake detailed reviews of engineering packages including design drawings, documents, and PLS models.
- Develop project documentation such as charter, scope, execution plan, schedule, budget, etc.
- Proactively contribute to business development, proposal development, and networking initiatives.
- Interface with clients, contractors, and vendors as required for various tasks.
- Some travel to project sites will be required (approximately 10% of the year).

### Qualifications

- Possess a civil, mechanical, electrical, or other relevant engineering degree from a recognized post-secondary institution.
- Registered as a Professional Engineer (P.Eng.) or eligible for registration with EGBC.
- Registration in other provinces and the US (P.E.) is considered an asset.

### Required Skills and Experience

- More than 10-15 years of direct T&D overhead line design experience.
- Strong communication and interpersonal skills, a high level of initiative, a strong work ethic, and the ability to be coached.
- Excellent understanding and application of overhead line design principles, in particular structural and mechanical engineering principles related to these installations.
- Has a strong understanding of the electrical principles associated with high voltage T&D lines and power systems
- Produces high-quality technical documents such as design basis documents, reports, and specifications
- Excellent understanding of CSA Standards C22.3 No.1 and C22.3 60826
- Understands how to distill complex engineering concepts and to tailor their explanations to the relevant audience.
- Highly proficient in their ability to use PLS-CADD and PLS-POLE. Knowledge of and ability to use PLS-TOWER would be an asset.

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**Salary Range:** \$100,000 - \$150,000 per year. Final offer will depend on qualifications and experience.

The successful candidate will report to the CEC Power Delivery Team Lead. The Power Delivery Team is based in Vancouver, BC. The office building features brand new amenities including a state-of-the-art fitness facility, sky-view rooftop deck, secure bike room, and access to the Canada Line and Pacific Centre. CEC offers a professional and engaging working environment with competitive compensation and benefits packages.

Please forward your resume and cover letter in PDF format by email to: [careers@cleanenergyconsulting.ca](mailto:careers@cleanenergyconsulting.ca). We thank all applicants for submitting their resumes; however, only applicants who are being considered will be contacted.