



# Careers at S&C Electric Canada Ltd.

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**POSITION:** Electrical Designer  
**LOCATION:** 90 Belfield Rd, Toronto, ON  
**STATUS:** Full Time

## Who We Are

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S&C Electric Company is a global provider of equipment and services for electric power systems. We are a Chicago-based company that designs and manufactures switching and protection products for electric power transmission and distribution. The Canadian division, S&C Electric Canada Ltd, is Headquartered in Toronto at a 225,000 sq. ft. manufacturing facility, with additional sales offices in Calgary and Montreal. Whether it be through industry shaping or traditional solutions, S&C is dedicated to keeping the lights on for billions of people worldwide.

Come join our team of over 350 members who develop, design, manufacture and support a wide range of solutions and products designed to help keep the lights on! Please see <https://www.youtube.com/watch?v=wNblWefVg6E&feature=youtu.be> for testimonials of current team members on their experience of working at S&C.

## Why Work for S&C Electric Canada Ltd

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Integrity, enthusiasm, sustained energy. These are the traits that S&C has always looked for and found when seeking people to join our team. S&C supports these qualities with a competitive package of pay and benefits, including:

- Bonus Plan
- Pension Plan
- Flexible Benefit Options
- 3 Weeks' Vacation
- Paid Holiday Shutdown
- Summer Hours
- Seniority Recognition Program
- Employee Assistance Program
- Subsidized Cafeteria

## Job Summary

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S&C Electric Canada Ltd is seeking an Electrical Designer for the Metal Enclosed Switchgear design team. The successful candidate will be responsible for preparing wiring diagrams, approval drawings, and optimizing panel layout designs. The ideal candidate is a professional with 3 years of experience in the switchgear and power industry.

## What You Will Do

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- Prepare electrical three-line wiring diagrams, control and schematic drawings, Bill of Materials and control panel layout for all electrical components
- Develop source transfer control schemes for load shedding and alternate source transfers, using hard wired logic with relays like GE, Schweitzer, Schneider or with use of PLCs (typically, MV Load Break Switches and/or MV Breakers would be involved in providing the transfer operations)
- Prepare electrical approval drawings for customers, final manufacturing drawing packages, and electrical Bills of Material for switchgear manufacturing per CSA, ANSI, and UL standards
- Provide support to team members on the manufacturing floor by answering design related queries and providing solutions to problems that may arise during production to meet deadlines
- Prepare and issue engineering change notices, as required

- Develop wiring diagrams for AC and DC schematics and support various calculations such as DC Battery and Charger
- Review and interpret mechanical drawings and provide input and suggestions to optimize the arrangement of electrical control devices on panel layout designs
- Identify new control components such as relays, meters, control switches and MV components (such as breakers and instrument transformers) and add them to the Engineering Data Base

## What We Are Looking For

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- Diploma in Electrical Engineering Technology
- 3 years of experience in Switchgear or Power Industry
- Working knowledge of Microstation, Solid Edge or AutoCAD
- Working knowledge of Microsoft Word, Excel, and Outlook
- Experience using an ERP system, preferably Oracle
- Excellent organization skills and attention to detail
- A team player who is also able to work independently with minimal supervision
- Experience with SmarTeam, Rulestream Configurator, and a wiring software, such as Promis-e, is an asset
- Working knowledge of Visual Basic and PLC Programming is an asset

## How to Apply

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If this opportunity interests you, please send a cover letter and resume to:

[HR.Canada@sandc.com](mailto:HR.Canada@sandc.com)

We thank all applicants for their interest however, only those candidates who are selected for an interview will be contacted.

**S&C Electric Canada Ltd. is an equal opportunity employer.**

In accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code, S&C Electric Canada Ltd. will provide accommodations throughout the recruitment, selection and/or assessment process to applicants with disabilities. If selected to participate in the recruitment, selection and/or assessment process, please inform S&C Electric Canada Ltd.'s Human Resources staff of the nature of any accommodation(s) that you may require in respect of any materials or processes used to ensure your equal participation.

