



Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

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Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/04

Electrical Engineer-in-Training, Power & Storage Engineering

Job ID 59012-en_US-5016

Web Address

https://careers.indigenous.link/viewjob?jobname=59012-en_US-5016

Company TCEnergy

Location Milton, ON

Date Posted From: 2019-06-21 To: 2050-01-01

Job Type: Full-time Category: Resource Sector

Description

Electrical Engineer-in-Training, Power & Storage EngineeringReference Code: 59012

Department: Power & Storage Location: Canada (CA) - Milton, ON Job Category:

EngineeringEmployment Type: Employee Full-timeRelocation Eligibility: This position is eligible for our domestic relocation programApplication Deadline: 08/02/2019 We all need energy. It warms our homes, cooks our food, gives us light, and gets us where we need to go. It also improves our quality of life in countless other ways. At TC Energy, our job is to deliver that energy to millions of people who depend on it across North America. And we take our job very seriously.

Guided by our values of safety, integrity, responsibility and collaboration, we develop and operate our facilities safely, reliably and with care for our impact on the environment. With our presence across the continent, our people play an active role in building strong communities.

We're proud of how our hard work and commitment sets us apart and benefits society, every day. We're looking for new team members who share our values and are ready to take on exciting challenges.

The opportunity Reporting to the Eastern Engineering Manager, you'll perform a variety of engineering tasks in collaboration with regional and central support staff to achieve reliable operation and continuous improvement of all plant equipment located at TC Energy's Canadian power and unregulated gas storage facilities. The Electrical EIT will be the system engineer responsible for generators and high voltage equipment at all of TC Energy's power and unregulated gas storage facilities under the supervision of senior engineering staff. You will implement innovative engineering solutions to operations and maintenance issues, support capital project design, planning, and execution, and optimize maintenance practices to ensure lowest total life cycle costs in accordance with industry accepted engineering practices, governing regulations, and TC Energy procedures. In this position, you will be an individual contributor and will work closely with other groups as well as leads from Engineering and Project Management, Operations, Commercial, Supply Chain, Compliance, Legal and other internal/external stakeholders to plan, organize and execute assigned tasks and duties. What you'll do

- Provide technical support to plant operation and maintenance teams and troubleshoot equipment problems
- Initiate comprehensive capital improvement projects that include developing clear definitions of

scope, investment valuations of alternatives, cost estimates, schedules, and execution plans

- Support projects through review of engineering design documentation from equipment manufacturers and outside consulting firms including drawings, submittals, calculations, reports and other related information
- Evaluate and recommend various contractors and technical service providers
- Design engineered solutions to solve problems (or solicit internal or external expertise when work is outside core technical capabilities) to meet project schedules or other corporate objectives
- Ensuring projects are delivered on time/budget and the equipment and materials are utilized according to the required standards
- Determine and optimize preventive maintenance plans for generators and high voltage equipment
- Analyze and assess equipment condition through review of field test data and other equipment-centered information systems
- Perform and direct investigative assessments, develop testing plans, perform equipment root cause failure analysis, and support equipment restoration activities
- Make independent interpretations and conclusions and communicate recommendations to management and other effected parties in a way that fosters consensus and facilitates efficient outcomes
- Facilitate the development and/or review of internal Engineering Design Standards, Equipment Integrity Plans, Technical Specifications, as assigned
- Ensure relevant documentation is retained in accordance with company expectations including: drawings, reference manuals, and other related information

Minimum qualifications

- Must have completed of Bachelor's Degree Program in Electrical Engineering, Applied Science or equivalent degree (as recognized by a Canadian Provincial Association of Professional Engineers, such as PEO)
- Current registration with Professional Engineers Ontario (PEO) as an Engineer-in-Training
- Minimum 2 years of relevant field experience in power generation facilities (i.e. installation, commissioning, operation, and maintenance); not including co-op or internship work terms
- Working knowledge of Canadian Electrical Code, NEC, IEEE standards is required
- All positions require background screening; some include criminal and/or credit checks in order to comply with regulations
- Have and maintain a valid driver's license and provide a driver's abstract for review
- Solid understanding of Microsoft Office applications is required
- You must be legally entitled to work in Canada by way of Canadian Citizenship, Permanent Residency or a valid work permit

Preferred qualifications

- Excellent oral and written communication skills including the ability to provide and present timely and relevant feedback/reporting to various stakeholders; candidates may be asked to submit a technical writing sample
- Innovative, self-motivated, professional, and able to work without direct supervision and contribute in a fast-paced, multi-discipline team environment

- Ability to work independently to organize, plan, coordinate, and manage multiple projects simultaneously including providing daily field support
- Demonstrated familiarity with project management principles and practices
- Experience in design, operation and maintenance of high voltage substations, generators, transformers, protection relays and other balance of plant equipment
- Experience in arc flash models and protection & coordination studies is considered an asset
- Experience in process and practice of conducting engineering studies, including power flow, short circuit, protective device coordination, motor starting, and arc flash analysis
- Experience with high voltage substations, transformers, switchgear, motors, generators, and other high-voltage electrical
- Experience with operation and/or maintenance, design, installation, and/or commissioning of gas turbines, steam turbines, wind turbines, and solar farms and related electrical and auxiliary equipment
- Previous hands on experience at a combined cycle power plant is considered an asset
- SAP experience is considered an asset
- Demonstrated analytical skills and problem-solving capability
- Strong presentation, interpersonal, and written communication skills
- Team player with the ability to collaborate and interact with other groups
- Flexible and adaptable to change

This position is not a part of the EIT Rotation Program. This role will be on a standard work schedule, with opportunities to travel to the field for site visits or term assignments to assist with operations or project issues. Consistent with our employment practices, this position is eligible for the EIT Relocation Package. This position will require travel up to 50% across North America. As such, you must have unrestricted ability to travel within North America for durations of 30+ days at a time, and you must be able to provide and maintain applicable documentation to this affect. About our business

TC Energy (formerly TransCanada) is a leading energy infrastructure company in North America. We have three complementary businesses of natural gas pipelines, liquids (oil) pipelines, and power generation. Our operations span three countries, seven Canadian provinces, and 34 U.S. states. Apply now! Apply to this posting by 08/02/2019 using reference code 59012. You must apply through our jobs system at jobs.tcenergy.com. Only applications submitted through our system will be acknowledged. Use a desktop or laptop computer to avoid system errors. TC Energy is an equal opportunity employer. Learn more Visit us at TCEnergy.com and connect with us on our social media channels for our latest news, employee stories, community activities, and other updates. Thank you for choosing TC Energy in your career search. * Depending on qualifications, the successful candidate may be offered a position at a more appropriate level and/or ladder.* Applicants must have legal authorization to work in the country in which the position is based with no restrictions.* All positions require background screening. Some require criminal and/or credit checks to comply with regulations. * TC Energy is an Equal Opportunity Employer and is committed to provide employment opportunities to all qualified individuals, without regard to race, religion, age, sex, color, national origin, sexual orientation, gender identity, veteran status, or disability. Accommodation for applicants with disabilities is available on request during the recruitment process. Applicants with disabilities can request accessible formats or communication supports by contacting

careers@transcanada.com.

For more information, visit [TCEnergy](#) for Electrical Engineer-in-Training, Power & Storage Engineering