



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:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

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Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/05

Senior Engineer, System Operations

Job ID	oFbtnfwq-13647-7890	
Web Address	https://careers.indigenous.link/viewjob?jobname=oFbtnfwq-13647-7890	
Company	EPCOR	
Location	Edmonton, Alberta	
Date Posted	From: 2023-05-30	To: 2050-01-01
Job	Type: Full-time	Category: Utilities

Description

Highlights of the job – We are hiring a full time, permanent Senior Engineer position working out of Edmonton, AB. This position reports to the Manager, System Control Engineering. The primary mission of the Senior Engineer, System Operations is to provide engineering inputs and support to System Control, manage the Advanced Distribution Management System (ADMS) and support optimal integration of advanced distribution technologies into real-time operations. As a senior engineer, you work alongside a team and stakeholders in EPCOR Distribution and Transmission Inc. (EDTI) and other business areas. As a member of this team, you will have opportunities to participate in System Control Engineering initiatives. These include performing on-demand distribution or transmission system studies, grid risk assessment and contingency studies for planned electrical outages; enabling electrical system outage scheduling; developing system operations procedures and ERP/BRP plans; supporting department compliance with Alberta ISO rules and Alberta Reliability Standards; providing support to triage, track and assign corrections for reported grid problems and damages; and participating in System Control Operators' training. You use your communication and relationship building skills to relay information and work collaboratively with others. You have strong analytical and problem solving skills and can comfortably translate complex information for your relevant audiences. This position may be eligible for EPCOR's hybrid work program.

What you'd be responsible for – Using your engineering expertise to provide input to System Control Engineering plans, directions and strategy within System Operations and ensure ongoing effective relationships between other positions in System Operations Engineering, System Control Operations and the rest of EPCOR. Developing, maintaining and optimizing performance of the ADMS system model and power applications, such as State Estimator and Load Flow, for real time electric system operations including model management. Completing real time distribution and transmission system analysis in support of ongoing planned maintenance and system restoration efforts including input and assistance with system contingency planning/analysis and outage prioritization and scheduling processes. Creating and maintaining productive working relationships with internal and external stakeholders (e.g. System Planning, Asset Management, AESO, Altalink,

etc.) and providing operational input to system upgrade projects, such as system automation, to increase system reliability. Leading EPCOR initiatives to integrate Distribution Energy Resources (DER's) into System Operations. Providing project input, testing, validation and support for future control system improvements such as DERMS, ADMS and EMS implementation, upgrades or enhancements. Reviewing and developing engineering documentation for ADMS functionalities. Proactively identifying and revising System Operations procedures and processes to ensure reliable and safe operations, as well as compliance to policies, standards and regulatory requirements including mitigation of risks. Developing and implementing operational documents for DERMS and industry best practices for System Operations. Analyzing and reviewing ADMS, other operational system tools configurations and data to ensure adequate operation of the power model and state estimator for safe and reliable operation of EPCOR's electric grid. Demonstrating a high performance, high discipline, safe, accountable, focused, innovative and achievement-oriented, 'easy to do business with' manner of working.

What's required to be successful Professional Engineer with B.Sc. in Electrical Engineering or Computer Engineering, preferably specializing in power, currently registered or able to register with APEGA as a P.Eng. 10+ years of progressively responsible experience in utility operations, power system modelling, power grid planning or protection & control engineering. Progressively responsible working knowledge of ADMS and/or EMS systems to support distribution and transmission power grid operations. Knowledge of power systems and System Control operations including advanced applications, such as state estimation and contingency analysis tools. Demonstrated ability to use power system analysis software for studies such as load flow, short circuit analysis, protection coordination, etc. Sound knowledge of electric transmission and distribution power systems, methods, and engineering to support Distribution Energy Resource (DER) integration. Creative problem solving coupled with an ability to manage a wide variety of issues simultaneously. Strong ability to provide technical guidance to other team members, as well as to adapt to different styles of communication.

Other important facts about this job Jurisdiction: PRO Hours of work: 40 hours per week This position may be eligible for a \$1,500 employee referral reward! Ensure you enter "Employee Referral" as the source when you are applying. EPCOR Employees: please ensure that you are using your "@epcor.com" email address.

Learn more about Working at EPCOR! Follow us on LinkedIn, Twitter, Glassdoor or Facebook! #LI-TA2

Please note the following information: A requirement of working for EPCOR is that you are at least 18 years of age, successfully attained a high school diploma (GED, or equivalent level of secondary education) and legally entitled to work in Canada. (A copy of a valid work permit may be required.) If you are considered for the position, clearance on all applicable background checks (which may include criminal, identity, educational, and/or credit) and professional reference checks is required. Some EPCOR positions require an enhanced level of background assessment, which is dictated by law. These positions require advanced criminal record checks that must also be

conducted from time to time after commencement of employment. A technical/practical assessment may be administered during the selection process and this exercise will be used as a part of the selection criterion.

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For more information, visit [EPCOR for Senior Engineer, System Operations](#)