



ATCO Electric is a member of the **ATCO Group of Companies** - one of Canada's premier corporations. We are an Alberta, investor-owned utility delivering electric energy to customers throughout northern and east-central Alberta. In these resource rich areas of the province, electricity is an essential component of industrial development.

Albertans count on ATCO Electric for the safe, reliable delivery of electricity to their homes, farms, and businesses. ATCO Electric serves almost two-thirds of the province, delivering electric energy to petroleum and forestry companies, farms, towns and cities, First Nations and Métis Settlements.

## **APPARATUS ENGINEER EDMONTON, ALBERTA**

Reporting to the Supervising Engineer – Apparatus, this position will be responsible for the technical definition of all major apparatus; the technical support to Supply Chain Management for their procurement; the performance and quality oversight of their suppliers, and the technical support during the Construction / Commissioning phase of transmission projects.

### **Duties include:**

- Participate in specification, selection, and technical evaluation of electrical equipment for various transmission projects (power transformers, circuit breakers, instrument transformers, switchgear, cap banks etc.).
- Make technical recommendations and assessing the available options.
- Review manufacturer documents to ensure that the equipment provided is adequate and coordinate with the design and the project requirements.
- Technical data tabulations, data schedules of the power transformers, circuit breakers, instrument transformers.
- Outline and nameplate drawings of main equipment, electrical schematics, wiring diagrams, BOMs.
- Accessories drawings (Bushings, SA's, monitoring and protection devices etc.).
- Routine test reports, inspection and test plans, test practices and procedures.
- Perform site visits to support construction / commissioning teams, as well as to verify the condition of electrical equipment.
- Participate in supplier or new product qualification.
- Participate in design review and factory test.
- Assist field specialized crews during installation, commissioning, providing settings, technical expertise, tests review for the electrical equipment in the power system.

### **Qualifications:**

- Bachelor of Science in Engineering. Preference will be given to candidates with education and experience in power engineering.
- Registered or eligible to be registered with APEGGA as a Professional Engineer.
- Minimum of 5 years of relevant experience. Preference will be given to candidates with 500kV experience.
- Good interpersonal skills with strong written and verbal communication skills.
- Good team player and ability to prioritize assignments to meet commitments.
- Familiar with standards pertaining to electrical equipment, among them: Canadian and international standards pertaining to power transformers (CAN/CSA C88-M90, IEEE C57.12 series); CAN3-C13-83, C60044 series Instrument Transformers, M79 CVT; High Voltage Circuit Breakers IEC 62271, ANSI C37 series.

### **Competition #C12/603 Closing Date: April 30, 2012**

If you are interested in contributing within an ever changing environment where the delivery of power and complimentary services are essential to providing excellent value for our customers, please apply in confidence through our website at [www.atcocareers.com](http://www.atcocareers.com) or email your resume to [careers@atcoelectric.com](mailto:careers@atcoelectric.com). **Please indicate where you saw the ad for our reference purposes.**

To be eligible for hire, candidates will be required to complete a Security Clearance Check satisfactory to ATCO Electric.

We would like to thank all applicants for their interest, however, only those considered for an interview will be contacted.