



Job Title: Senior Analyst, AMI System

Organization Name: Electricity Operations

Department Description: Metering & Wholesale Energy

Clean water and reliable electricity are at the heart of what we do. We proudly keep the lights on and the water flowing in over 100 communities across North America. With a rich 125-year history, EPCOR has ambitions to be one of North America's premier providers of essential services, and we have the top employer and sustainability awards to prove it. If you're looking for new opportunities, people who care and work that matters, apply today to find a career where you matter more. Check out epcor.com/careers to find out more.

Electricity Operations is responsible for the electrical transmission and distribution systems in the City of Edmonton, with a focus on safety, reliability, and innovative and practical solutions. Our employees look after electrical infrastructure as well as the underground and aerial distribution networks.

We currently have 1 (one) full-time permanent position available.

Brief Posting Description:

The AMI System Analyst is accountable for RF mesh and AMI head end system administration, including the assignment of roles and security access levels of users, liaising between the vendor and other EPCOR departments that use data and access of the AMI system and co-ordinating system troubleshooting and upgrading

The AMI system Analyst is accountable to the Manager, Meter Shop Operations, and operates within the context and prescribed limits established by the Manager, Meter Shop Operations.

Detailed Description:

Reporting to the Manager, Meter Shop Operations, the Analyst, AMI System is accountable for:

- Provide input to the manager, meter shop operations for plans and directions, and ensure on-going appropriate relationships with other positions.
- Ensure the delivery of optimal results against appropriate performance metrics (stakeholder relationships, troubleshooting of communications issues with AMI meters and RF network devices, visibility of ongoing performance issues with the meter data and communications, be accountable to meet targets and implement solutions).
- Scheduling and co-ordinating field work and in house troubleshooting of AMI head end communications issues between RF mesh devices. Accountable to meet read percentages for register and interval reads.
- Developing processes to monitor RF mesh communications and data retrieval. Including RF mesh optimization and proactively checking for developments in the RF mesh infrastructure that point to trouble spots to be resolved.
- Develop plans and accountable to lead AMI operations through upgrades and fixes of AMI infrastructure and head end system.
- Develop meter programs that meet EPCOR requirements to improve Grid capabilities and billing accuracy.

- Research troubleshooting steps and accountable for implementing new processes and procedures and documentation to resolve meter communications gaps, missing meters, meter read gaps working with meter shop and field personnel.
- Answer phone and e-mail inquiries from internal customers.
- Responsible for identifying and implementing usage of equipment and materials to be utilized in investigating AMI meter and meter data issues and data communications issues.
- Develop and report performance metrics of the AMI meter data at regular intervals to manager.
- Communicate with other departments and stakeholders to ensure the information is flowing from meters to the various systems within EPCOR. Develop processes and troubleshooting steps and resolve information and data transfer problems to other systems with other departments. Accountable to develop metrics to monitor server performance and work with IT and database Administrator to troubleshoot performance issues and implement solutions for Command Center and AMI system performance improvements.
- Demonstrate a high performance, high discipline, safe, accountable, focused, innovative and achievement-oriented, easy to do business with manner of working.
- Develop and administer complex data queries utilizing Metering and Wholesale Energy systems and tools.
- Assist in system development as required.

Job Requirements:

The successful candidate will possess the following qualifications:

- Minimum completion of a 2-year post-secondary technical diploma in electronics engineering technology, electrical engineering technology, or computer engineering technology
- 7 - 10 years of directly related experience in RF communications and working with AMI (or a similar system)
- In-depth knowledge of RF mesh and cellular communications
- Understanding of electric meter measurement parameters is required
- Knowledge of software and hardware involving Cellular and RF mesh communications equipment and specifically the Landis and Gyr Command Centre Head end system is a preference.
- Previous experience data modeling or analysis in database systems would be considered an asset.

Technical skills:

- Competency using MS office outlook, word, excel and access
- Competency using Command Centre or similar RF mesh networking GUI, networking tools, Crystal reports, and ORACLE
- Competency developing complex databases and reports

Additional Details:

Jurisdiction: CSU52

Class: T3

Wage: \$44.20 to \$52.75

Hours of work: 40 hours per week



Commencing with your first day of employment as a permanent EPCOR employee you will enjoy a variety of benefits, such as:

- Competitive salary
- Annual incentive (bonus) pay program
- Paid vacation
- Flexible benefits plan
- Five paid personal days off each year
- Access to internal and external career development programs
- Financial support for personal development
- Pension Plan
- Financial support for employee wellness
- Career opportunities in a wide variety of disciplines and operational areas
- Financial support for charitable organizations that employees contribute to

Please note the following information:

- A requirement of working for EPCOR is that you are at least 18 years of age 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.
- To meet the physical demands required of some positions, candidates must be in good physical condition and willing to work in all weather conditions. Clearance on pre-placement medical and drug and alcohol testing may be required.

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How to Apply:

Thank you for your interest in a career with EPCOR. Due to the large volume of applications, only candidates selected for interviews will be contacted.

EPCOR is an Equal Opportunity Employer. Positions are filled by means of open competition where the selection is based on job-related skills, training, experience, suitability and, where appropriate, seniority.

EPCOR only accepts resumes via on-line application at www.epcor.com/careers. If you choose to submit your resume by any other means, we cannot guarantee that your application will be considered.