

**EMPLOYMENT OPPORTUNITY:**

**TECHNICAL ANALYST / SENIOR TECHNICAL ANALYST**

July 7, 2020

**ABOUT THE MARKET SURVEILLANCE ADMINISTRATOR**

The Market Surveillance Administrator (MSA) is a public agency that protects and promotes the fair, efficient, and openly competitive operation of Alberta's electricity and retail natural gas markets. The MSA monitors the performance of Alberta's electricity and natural gas markets to ensure that market participants comply with all applicable electricity and natural gas legislation, the Alberta Reliability Standards, and the Independent System Operator's rules (ISO rules).

The MSA's work is carried out by a small group of highly trained economists, analysts, and legal and administrative staff. If you are looking for a challenging and collegial environment where everyone's contribution counts, the MSA welcomes you to our team. We reward our staff with competitive compensation and benefits, as well as the opportunity to continuously develop new skills and abilities.

**CAREER OPPORTUNITY**

The MSA's Analytics group is looking to recruit a highly analytical problem solver with experience in data munging, loading, and analysis for the position of Technical Analyst / Senior Technical Analyst.

The position will report to the Director, Analytics and Information Technology.

**QUALIFICATIONS**

- Bachelor's degree in computer science, software engineering, mathematics, or other quantitative discipline. A Master's degree is preferred.
- 5+ years of professional experience in programming, database management, and data analysis. Prior work experience with relevant software, e.g., SQL, R, Python, and Unix/Linux competency in a production environment. Development experience with R Shiny is a plus.
- Demonstrated ability to set up and troubleshoot existing ETL pipelines into structured databases.

- Ability to apply mathematical concepts and operations to economic problems.
- Demonstrated ability to define problems, establish hypotheses, analyze complex data to test hypotheses, evaluate results, and draw conclusions.
- Strong written and oral communications skills, including the ability to effectively present information to colleagues, management, industry professionals, and public groups, including writing reports and making presentations.
- Familiarity with the Alberta electricity market and/or other wholesale energy markets is preferred.
- Demonstrated ability to work independently in pursuit of MSA goals and objectives.
- Ability to work effectively on teams.

## **APPLICATION PROCESS**

If you are interested in this role and meet the required qualifications, please submit a cover letter and resume on or before Tuesday, July 21, 2020, quoting the position title in the subject line, to [careers@albertamsa.ca](mailto:careers@albertamsa.ca). Your cover letter must indicate your particular aptitude for the work outlined above. Applications for this position may be used to fill similar positions should they become available.

We thank all applicants for their interest in the MSA; however only those candidates selected for an interview will be contacted. Successful candidates will need to undergo background checks prior to the commencement of employment.

## **PRIVACY NOTICE**

The personal information contained in cover letters and resumes is being collected for the purpose of determining your eligibility and qualifications for a position with the MSA. This information is collected in accordance with section 33(c) of the *Freedom of Information and Protection of Privacy Act*. If you have any questions about the collection or use of this information, please contact the MSA's FOIP Coordinator, Suite 600, 440 - Second Avenue SW Calgary, AB T2P 0L6 or by telephone at 403-705-3196.