

We power Alberta. Our transmission lines deliver electricity to millions of Albertans 24 hours a day, seven days a week. When you're on our team, you're supporting our province's homes, farms, businesses and industries by providing safe, reliable and cost-effective service. Whether working in the field or in the office, every AltaLinker contributes to keeping the lights on.

As a member of the Berkshire Hathaway Energy family, we are part of a global group of companies delivering sustainable electricity and utility services to customers worldwide. Our exceptional customer service, commitment to the environment, and world-class safety record makes us a leader in our industry.

Today, the transmission system is more important than ever. As we connect new sources of renewable energy to the grid and support Alberta's energy transition to net-zero emissions, AltaLink's transmission system is the backbone of the changing electricity system. With our head office in Calgary, and regional offices in Greater Edmonton, Red Deer and Lethbridge, we have central and southern Alberta covered.

We offer work with meaning, incredible opportunities for development, work life balance and opportunities to contribute to your community. Join our team!

The HVDC Engineer Reports to the Mgr, HVDC Ops & Int within the Asset Management – HVDC Ops & Int team.

Responsibilities:

- Monitor the condition of HVDC assets and lead root cause and failure mode investigations on abnormal equipment operations or protection system failures.
- Perform technical control system analysis on HVDC system disturbances.
- Review, recommend and implement setting changes to optimize HVDC link operation.
- Provide real-time engineering support to field based HVDC Technologists.
- Provide support in the management of equipment databases, analysis programs, system models and testing plans related to operation and maintenance of HVDC equipment.
- Monitor and report the performance of the HVDC link to both internal and external stakeholders including AESO and CIGRE.
- Engage other engineering, planning, operations and corporate support groups to proactively ensure that HVDC operational engineering requirements are met.
- Support the ongoing CIP sustainment effort on behalf of HVDC Operations.
- Support the development of HVDC Standards.
- Support the development of lifecycle/ maintenance plans and work procedures for the HVDC converter stations.
- Travel to Sunnyside and Crossings sites on a regular basis.

Qualifications:

- Bachelor's Degree in Electrical Engineering, or related discipline.

- Registered as a Professional Engineer with the Association of Professional Engineers, Geoscientists of Alberta (APEGA) or eligible to become registered with APEGA in the near future.
- Minimum 3-5 years of utility experience including on site experience dealing with electrical substation equipment, protection and control systems.
- Some experience with Control & Protection Systems required.
- Proven ability/experience in the above noted responsibilities.
- Knowledge/ experience with HVDC/ FACTS technologies would be an asset.
- General understanding of AC and DC power system protection and measuring systems.
- Proficiency with SAP and Microsoft Office Applications required.
- Experience with simulation tools and application of same to HVDC systems would be an asset.
- Proven ability of working with internal and external parties such as equipment manufacturers, service providers, professional bodies, etc.
- Strong interpersonal, verbal and written communication skills with the ability to work in a team environment, positively influence others, and develop strong internal and external relationships.
- Excellent time management and organizational skills, with the ability to simultaneously manage a wide variety of issues.
- Ability to respond to unplanned link outages outside of regular work hours as required.
- Effective communication and interpersonal skills to interface with team members and customers to promote positive customer outcomes.
- Proven track record of good performance and attendance.

Job ID# 2832

Job Title: HVDC Engineer

Employer Name: AltaLink

Date Posted: ASAP

Date Closed: 30 Days from posting date

Job Type: Full-Time Permanent

Display Category: Internal/External Opportunities

Level: ENG B/C/D

Number of Positions: 1

Location: Calgary

NOTES:

Candidates can submit their resume by email address to recruiting@altalink.ca or on at <https://ca.indeed.com/cmp/Altalink/jobs> by searching AltaLink jobs.

AltaLink employees should be aware that we may contact your manager during the selection process. Some positions may require job specific assessments, regular criminal record checks, additional AltaLink training, medical assessments, annual drivers abstract, and drug tests. Please contact the Hiring Manager or Recruiter for further clarification if required.

We thank all candidates for their interest in a career with AltaLink, however, only candidates being considered for an interview will be contacted.

When you submit a job application to AltaLink, it will be accessible to AltaLink personnel involved in AltaLink's hiring processes and the information will be used for recruitment. In addition, AltaLink relies on qualified third parties to assist in the hiring process and your information may be provided to them for this purpose. By submitting your job application, you agree to the use of your personal information for these purposes.

At AltaLink, we celebrate diversity and inclusion. We are committed to fair employment practices, and all qualified applicants will receive consideration for employment regardless of race, religious beliefs, colour, gender, gender identity, gender expression, physical disability, mental disability, age, ancestry, place of origin, marital status, family status, source of income, sexual orientation or any other category protected by applicable provincial or federal law.