

Source: **BC Hydro**
Job Title: **Sr. Engineer - Field Maintenance**
Job Number: **BCH-R-3705-211103E1**
Job Location: **Peace Canyon Gen Stn, British Columbia, Canada**

We're BC Hydro and we have a big job to do.

Keeping the lights on for over 4 million people across the province takes a lot of talented people doing many different jobs. From working deep in a generating station, atop a power pole, or behind a desk, whatever it is that makes you tick we offer challenging careers to help you reach your potential.

We're investing more than \$2 billion per year in major capital infrastructure projects to help meet the growing demand for safe, reliable power. We're upgrading transmission lines, building new substations, and investing in our hydroelectric generation facilities. We aim to provide meaningful and challenging work, opportunities for growth and a healthy work/life balance. We've been recognized for excellence and been named one of B.C.'s Top Employers and one of Canada's Best Diversity Employers.

It's our vision is to be the most trusted, innovative utility company in North America by being smart about power in all we do.

JOB DESCRIPTION

Duties:

Generation field maintenance engineers provide technical expertise to BC Hydro leadership and crews for maintenance and operation of hydro generators and associated equipment in the powerhouse, substation, and within the dam. This position is rewarding but it can also be demanding and requires a highly motivated, responsible technical leader who can respond to urgent issues, quickly re-prioritize workload, and take appropriate actions.

* Depending on the need for support, the offered position will be headquartered at either GM Shrum (GMS) or Peace Canyon (PCN) generating station, located 22 km and 9 km from Hudson's Hope respectively, and will support both facilities. The work is fast paced and interesting, with a complex maintenance plan and ongoing capital works.

* Hudson's Hope is a beautiful community on the Peace River, with the amenities of a small town and access to many outdoor activities. Due to the remote location, this position qualifies for additional incentives. Some of these incentives are listed below in Additional Information.

Duties: * Ensures that all communications provided to stakeholders aligns with the EGBC Code of Ethics and Quality Management Guides.

* Provides electrical engineering support for maintenance of BC Hydro generating stations, as well as support structures, including switchyards, spillways and dams, at GM Shrum and Peace Canyon.

* Performs Root Cause Analysis for failures and issues.

* Takes responsibility for completion of defined aspects of the maintenance plan and collaborates with stakeholders to complete the maintenance plan.

Is responsible for the technical aspects of reviewing, revising, and making recommendations on preventative maintenance programs and condition based/corrective maintenance and repair.

* Acts as the technical lead when working with crews to resolve maintenance issues and troubleshoot equipment problems.

- * Supports data collection and analysis for EHR (Equipment Health Rating) and RCM (Reliability Centered Maintenance) in the generating station.
- * Provides technical support in the development of capital plans and plant improvement projects.
- * Participates in and leads root cause analysis for equipment issues.
- * Will be headquartered either at GM Shrum or Peace Canyon.

Qualifications:

Hold a degree in Electrical Engineering.

- * Be registered or eligible for registration as a professional engineer with Engineers and Geoscientists BC.
- * The Applicant may be hired as a Senior Engineer (8+ years) or Intermediate Engineer (4+ years) depending on level of experience in the relevant engineering field. Candidates with a proven maintenance background will be preferred. If multiple candidates are assessed to be suitable for the posted position, consideration may be given to offering a second position at BC Hydro's discretion.
- * Have demonstrated technical knowledge of hydro-electric generation.
- * Have the ability to provide work leadership and technical direction to engineers and/or other technical support staff.
- * Have the ability to apply innovative methods of troubleshooting and analysis for complex electrical issues.
- * Be able to analyze, interpret and evaluate various complex technical studies and data.
- * Have the ability to develop and improve maintenance programs utilizing strategies including time-based and reliability centered maintenance principles.
- * Have the ability to communicate effectively with various internal and external experts and stakeholders for the purposes of gathering and relaying information to resolve issues of concern.
- * Have proven ability to work well with crews and peers.

ADDITIONAL INFORMATION

This location is eligible for a Remote Incentive of 20%. Remote Incentives are paid bi-weekly to Full-Time Regular employees working in eligible remote locations.

* This location is eligible for Travel Incentive. The Travel Incentive is extended to Full-Time Regular employees who are working in eligible remote locations.

This location is eligible for Extended Health Care Medical Travel Benefit. The Extended Health Care Medical Travel Benefit is extended to Full-Time Regular, Part-Time Regular and Full-Time Temporary employees who are permanently working in eligible remote locations.

* Driver's License Type = Class 5

* BC Hydro conducts pre-placement medical checks of applicants entering certain positions to help safeguard BC Hydro's workplace. As part of the selection process, you may be required to demonstrate successful completion of a pre-placement medical check.

* Please be advised that this role has been assessed as safety sensitive and pre-qualification alcohol and drug testing will be required as a pre-condition to employment.

* BC Hydro employees will be required to provide proof of their vaccination confirming that they are fully vaccinated effective November 22, 2021.

How to Apply

Interested candidates should submit their applications online at https://app.bchydro.com/careers/current_opp.html by **Nov 24, 2021**

[Click here](#) to access the job posting or visit the [BC Hydro “Current Opportunities” Careers page](#) to view and apply for jobs.

You must use a supported browser, such as Firefox, Internet Explorer, Google Chrome or Safari. Your pop up blocker will also need to be disabled for the BC Hydro Careers site.

On the BC Hydro Careers site, click on the Apply button in order to complete the steps to apply for this job. Please be sure to update your Candidate Profile with your current resume and include copies of your certifications, if applicable.

We're always looking for exceptional people to bring new ideas, fresh thinking and the motivation to help shape the electricity system in B.C. It's an exciting time to be a part of our team as we invest in our system and prepare to meet the challenges of tomorrow.

Our values guide our work. Want to join us?

We are safe.

We are here for our customers.

We are one team.

We include everyone.

We act with integrity and respect.

We are forward thinking.

BC Hydro is an equal opportunity employer.

We include everyone. We welcome applications from anyone, including members of visible minorities, women, Indigenous peoples, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to productively engage with diverse communities.

We are also happy to provide reasonable accommodations throughout the selection process and while working at BC Hydro. If you require support applying online because you are a person with a disability, please contact us at Recruitmenthelp@BCHydro.com.