

Source: BC Hydro
Job Title: Senior Engineer_Generation Project Engineering
Job Number: BCH-T-8872-190613E1
Job Location: Burnaby, British Columbia, Canada
Job Status: Full-time, Temporary

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 for four years in a row.

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:

- This position is for a Senior Engineer within the Generation Project Engineering team in Engineering. Engineers in this team may take on a Project Engineer role or an Owner's Engineer role, depending on the project.
- In the Project Engineer role, engineers in this team manage the engineering component (Scope, Schedule and Cost) of large (\$50M+) and/or technically complex projects which typically have a considerable profile, complexity and risk. They may also work on medium size projects where the nature of the work requires a significant amount of technical leadership and coordination. Projects may include work being designed entirely within BC Hydro, entirely outside of BC Hydro, or a combination thereof.
- They may perform the Owner's Engineer role on projects where some or all of the engineering work is done by a third party such as an outside consultant or equipment vendor. As an Owner's Engineer, they will coordinate and lead the internal review and acceptance of work designed by a third party.
- For all projects, they work with functional managers on resource assignments to ensure the project needs are met. Typical projects include: new generating units, powerhouse reconstruction, major plant or unit upgrades, Dam Safety projects, and spillway upgrades. The engineers in this team work closely with the project manager to manage the scope, schedule and cost of the project and are responsible for managing the project technical risks and issues.
- The Senior Engineer is responsible for establishing design and review plans, strategies and resource requirements for the project and for the preparation of design reports, hazard logs and field review plans. They are responsible for the technical specifications and drawings for procurement contracts and managing engineering consultant's contracts. They work with Construction and Contract Management to ensure that

technical support is provided during manufacturing, construction and commissioning and that technical issues are resolved in a timely manner.

Qualifications:

- A recognized Engineering degree and registration or eligibility to register as a Professional Engineer with the Engineers and Geoscientists of BC (EGBC).
- A minimum of eight years of progressive and comprehensive engineering experience, preferably in the design of hydroelectric power plants and/or dams and associated equipment.
- Experience leading multi-discipline project teams or engineering work packages.
- Excellent written and oral communication skills.
- Demonstrated conflict management, leadership, team building, coaching, and interpersonal skills.
- Good familiarity with the delivery of projects using BC Hydro's project management practices is preferred.
- Must be a self-starter.

ADDITIONAL INFORMATION

- This is a Full Time Temporary role/maternity coverage for 12 to 18 months.
- Applicants with lesser qualifications are welcome to apply and may be considered for a lower level position.
- This position will be advertised internally and externally concurrently.
- 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.

How to Apply

Interested candidates should submit their applications online at https://app.bchydro.com/careers/current_opp.html by **June 30, 2019**.

[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 act with integrity.

We respect our province.

We are forward thinking.

BC Hydro is an equal opportunity employer.