

Source: BC Hydro
Job Title: Sr. Engineer – Protection & Control System Support
Job Number: BCH-R-2561-191017E1
Job Location: Burnaby, British Columbia, Canada
Job Status: Full-time, Permanent

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:

The P&C Support Services - System Support team is a multi-skilled group of engineers and technologists. We provide on-site commissioning assistance and/or support, as well as power system disturbance analysis, monitoring, and reliability tracking. Services include technical support and training, automated test plans, software and tools development to clients including T&D System Operations, Field staff, Asset Planning, and Engineering. As a Senior Engineer of the P&C Support Services - System Support team you will be expected to act as a technical resource and provide support and leadership to a variety of stakeholders.

- Investigating, analyzing, and recommending action for abnormal system conditions and system disturbances.
- Supporting real-time operation of the power system by conducting and interpreting technical studies and data, formulating strategies and options, and determining and documenting operating procedures.
- Authorizing and coordinating any special testing requirements and operating procedures on the integrated system.
- Preparing contingency plans and short term operating plans for abnormal conditions.
- Supporting Communications, Protection and Control (CPC) field technologists with subject matter expertise, relay spares, and technical issues.
- Identifying, developing and recommending P&C maintenance standards for creation/modification.

- Facilitating or participating on multi-disciplinary internal committees as a seasoned professional and chairing meetings to address technical problems.
- Imparting engineering knowledge and encouraging the professional development of engineers and technical staff.
- Delivering technical presentations internally and externally
- Assigning work and giving instructions, advice and technical guidance to other engineers and technical support staff.
- Contributing to NERC compliance efforts for mandatory reliability standards assigned to PCSS (PRC-002, PRC-004, PRC-016, etc.)
- Building and maintaining relationships with peers in other business units in order to improve collaboration and ensure efficient use of resources
- Collaborating with department leadership team to identify process improvement opportunities and solutions
- Developing your own area of specialization within Protection and Control Support Services, and acting as the expert for that area.

Qualifications:

- A recognized Electrical Engineering degree and registration as a Professional Engineer or limited-licensee with Engineers and Geoscientists BC (EGBC).
- A minimum of 8 years of progressive electrical engineering experience. Candidates who do not meet the experience level may be considered for a P2 role, with at least 4 years of experience.
- Strong strategic thinking, leadership and business planning skills.
- Technical expertise in Protection and Control systems, and operational/industrial networking and cyber security is preferred.
- Familiarity with Protection and Control device interrogation, record retrieval and analysis is preferred.
- Strong customer focus, with demonstrated ability to consider other stakeholders' needs will be considered an asset.
- Excellent verbal, written, and interpersonal skills including the ability to build solid relationships with internal and external clients.

ADDITIONAL INFORMATION

A condition of employment for this job is that you maintain your Driver's License Type: Class 5 in Good Standing.

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 **November 6, 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.