

Source: **BC Hydro**  
Job Title: **Reliability Specialist Engineer**  
Job Number: **BCH-R-6927-220815E1**  
Job Location: **Burnaby, British Columbia, Canada**

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Powered by water... and by people like you

Providing clean electricity to 4 million customers takes a diverse workforce and that's where you come in. We need your talent to help us build major projects to meet growing demand. To help our customers find clean energy solutions for their homes and businesses and to be ready to respond during storms and outages to keep our system reliable.

Working for BC Hydro is meaningful. And now, the stakes have been raised as we work towards a solution to climate change while safely providing clean, affordable electricity to our customers.

We offer a healthy work life balance, training opportunities and career progression. We're proud to be ranked as one of B.C.'s Top Employers and one of Canada's Best Diversity Employers. Join us as we build an even cleaner B.C.

## **JOB DESCRIPTION**

### **Duties:**

\* Distribution Asset Planning has a challenging opportunity for a highly motivated and creative individual with demonstrated and proven technical, communication, and cross functional relationship management skills to join the Distribution Asset Planning team as a Reliability Specialist Engineer at BC Hydro's Edmonds office in Burnaby, BC.

\* The successful candidate will have sound technical knowledge and understanding of reliability, planning, and operation of BC Hydro's Distribution system as well as understanding of statistics, experience with data systems and integration of such technologies for analysis of the distribution system.

### **Duties:**

- Provides professional expertise and leadership in utility system reliability performance analysis, distribution system planning, and strategic guidance and orientation of the distribution system to meet current and future distribution system reliability objectives.
- Leads the development and implementation of distribution system reliability strategies, criteria, policies, and plans, and engages and collaborates with interdepartmental subject matter experts and independently reviews and aligns strategies, processes, and practices with BC Hydro strategic needs and broad established and/or trending industry practices.
- Proactively undertakes problem identification, risk mitigation, and the development and implementation of original solutions to complex or emerging reliability, planning, operational and technical issues, considering value, benefit and risk to BC Hydro.
- Leads the development of long term strategic and business objectives and performance measures and assists and collaborates in managing performance to meet these objectives.
- Applies knowledge and experience in multi-discipline engineering principles to address complex system needs, working with other departments to mitigate risks and find solutions that meet specific reliability, planning, and operational requirements, and business and strategic objectives.

- Develops data analytics models for business decisions, outage analysis and reporting.
- Reviews, interprets, and evaluates complex technical outage data, performs detailed analytical reliability studies and reports, and responds to critical internal and external queries.
- Develops executive briefings and makes presentations to executive teams and the board on reliability topics.
- Leads, provides expert input, and represents Distribution Asset Planning, Integrated Planning or BC Hydro in the public consultation, develops documentation for regulatory filings and supports and contributes to regulatory proceedings.
- Leads project teams engaged in significant distribution planning or business initiatives and innovative or complex technical projects. Provides leadership and guidance in terms of meeting broad overall goals or objectives, project schedules and/or budgets.
- Builds influential relationships with key management teams and departments across BC Hydro, develops and maintains effective professional relationships with technical societies and associations, industry interest groups and other utilities to keep abreast of industry trends and practices, incorporate best practices within BC Hydro, and establish BCH's influence towards industry standards.
- Makes sustained, wide-ranging and indispensable contributions to the present and future success of BC Hydro's distribution system performance and customer reliability.
- Works independently, with work assigned in terms of broadly defined objectives.
- Advice of manager is sought in critical areas which impact the work of others.
- Completed work is accepted as accurate, with overall plans and recommendations reviewed for feasibility, soundness of judgment and achievement of objectives

**Qualifications:**

- A recognized Engineering degree and registered, or eligible for registration, as a Professional Engineer with Engineers and Geoscientists BC (EGBC).
- A minimum of 10 years of progressive engineering and utility experience focused on the area of distribution system reliability analysis, planning, engineering, and design; and related data analytics.
- Fully developed technical knowledge in electric utility engineering disciplines.
- Demonstrated expert understanding of distribution system reliability performance and analysis is an essential requirement for the position.
- Demonstrated understanding data query tools and scripting is desired.
- Ability to analyze and resolve challenging and unusual engineering problems with considerable independence and understand and appreciate implications of reliability impacts to customers, costs, operability and safety
- Demonstrated organizational, collaboration, project management skills including cost control and project administration
- Excellent verbal, written and interpersonal communications skills including the ability to write reports and senior management briefings, make presentations to technical and non-technical audiences, and liaise with peers and experts in BC Hydro and externally.

**ADDITIONAL INFORMATION**

Applicants with lesser experience may be considered at a lower level

\* The successful candidate will be required to do occasional traveling within BC, including remote locations and sometimes outside of the province/country.

\* Driver's License Type = Class 5 is required

\* EGBC: Engineers & GeoScientists BC & P.Eng = In Good Standing

\* Please note this is a re-bulletin. Previous applicants do not need to re-apply.

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](https://app.bchydro.com/careers/current_opp.html) by **August 29, 2022**.

[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](mailto:Recruitmenthelp@BCHydro.com).

All BC Hydro employees will be required to show proof of full Covid-19 vaccination.

### Flexible work model role definitions

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Our four role types identify the degree of flexibility an employee could have to work from home based on the type of work they do. The flexibility for an individual job is up to the manager for each position and the operational requirements. Employees also have the right to work full-time from the office if they prefer. All of our roles require at least some in-person time.

IBEW/Field – No option to work from home

Resident – Works primarily (4+ days per week) in the office.

Hybrid – May be able to work from home up to 3 days per week.

Remote – Works from home 4+ days per week