

# Engineers- in-Training

## HOW TO APPLY ONLINE

Visit [bchydro.com/careers](https://bchydro.com/careers) to view our 'Current Opportunities' page, or visit the 'How to Apply' page to create a profile.

### First Time Applicants > Register Now

1. Register a User Name & Password
2. Create Profile
  - Complete Diversity Questionnaire
  - Add Work Experience/Designations/Education & Training
  - Add Attachments
  - Select Preferences
  - Release or "unlock" your Profile
3. Create a Job Alert
4. Find and Apply for a Job

### Returning Applicants

1. Log-In to Profile with User Name and Password
2. Find and Apply for Jobs > Search Jobs
3. Click on Job Posting > Review posting
4. Click on Apply
5. Complete the job posting Questionnaire
6. Send Application (Message will state:  
"Thank you for applying for one of our job postings")



**As an Engineer-in-Training (EIT) at BC Hydro, you play a vital role in the delivery of electricity to homes and businesses across B.C.**

Our comprehensive two-year EIT program will provide you with the practical experience to achieve your Professional Engineer (P.Eng) designation and develop expertise in a utility that is recognized as clean, reliable and efficient.

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 **BC Hydro**  
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## GENERATION

- Develop equipment and maintenance programs
- Monitor equipment reliability and analyse failures
- Develop equipment rehabilitation and replacement strategies
- Design and implement plant modifications and distribution and transmission structures
- Incorporate new cost-effective technologies
- Monitor, survey and perform analysis of civil structures
- Prepare reservoir operating plans
- Assess the impact of reservoir elevations and flow releases
- Plan and track non-power releases of water

## TRANSMISSION & DISTRIBUTION

- Planning and scheduling
- Equipment inspection and troubleshooting
- Investigate past failure trends of equipment and conduct failure analysis/root cause analysis
- Detailed condition assessment of underground equipment
- Power system analysis – load flow, short circuit, loss evaluation
- Power quality inspection
- System performance analysis
- Reliability and contingency studies
- Economic, risk and statistical analysis
- Develop distribution automation alternatives
- Evaluation of new technologies
- System data management
- Asset management support

## ABOUT YOU

- You have completed a Bachelor's Degree in Engineering (Electrical, Mechanical or Civil)
- You have less than two years of Engineering work-related experience (not including Co-op experience)
- You're eligible for registration as an Engineer-in-Training (EIT) with the Engineers and Geoscientists British Columbia (EGBC)
- You're adaptable, eager to learn, willing to work in different locations throughout the province, and have strong communication and leadership skills

## WORK THAT CHALLENGES AND INSPIRES

You can expect to make a difference with important work while being at the forefront of a world-wide movement toward energy conservation. At BC Hydro, you will:

- Work on real projects as a valued member of the team right from the start.
- Rotate to different headquarters in the Province at least once to develop your skills and technical knowledge and expand your networks.
- Receive support in acquiring your P.Eng. designation.
- Network with senior engineers and gain technical and career advice, support and coaching.

## WE'VE GOT YOU COVERED

In addition to a competitive base salary, you'll receive three weeks of vacation to start, plus flex credits that can be used in a variety of ways (e.g. paid flex days). We also offer a competitive benefits package that includes a defined benefit pension plan, health and vision care, dental benefits, disability income, and an Employee and Family Assistance program.

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