

## Smart Grid to Business Inc- Smart Grid Engineer

Location: Montréal, Quebec

Duration:6-month position

Hours/Week: 40

Taking action to fight climate change has never been so important. To help combat climate change, Smart Grid to Business Inc (SG2B) is launching a unique software to prepare community energy, electrification and renewable energy plans. We are looking to hire a **Smart Grid Engineer** to simulate microgrids and assist in developing this next generation energy planning tool.

### Summary of Project/Position

The successful candidate will be part of the engineering team responsible for modeling and simulation of electricity network and microgrids. The person will also participate in the development of software features related to power system planning and electrification of transportation. While working on solutions for climate change, SG2B offers a competitive salary, a work-family balance that adapts to your needs, a young and dynamic work environment at the heart of the plateau. Both English and French speaking applicants are welcome.

### Responsibilities:

- Modelling of distribution feeder and microgrids
- Preparation of equipment and profiles database
- Testing of the SG2B software

### Qualifications/Desired Attributes:

- Degree in Electrical Engineering
- Specialization in power systems or coop work experience in the domain
- Experience with Cymdist, PSS/E or SimPowerSystems an asset
- Experience with Microsoft Access, SQL databases or Python an asset
- Desire to help combat climate change

### Application Requirements:

- Graduated from a post-secondary program in a STEM related field
- No more than 30 years of age at the start of the internship (due to funding stipulations only)
- Canadian citizen, permanent resident, or person granted refugee status in Canada
- Available to work for at least six months
- Not currently employed as a paid employee at the host organization
- Legally allowed to work according to the relevant provincial and Canadian legislation and regulations
- Not receiving employment insurance during internship

### Application Process:

1. To confirm your eligibility, apply to be an intern [here](#).
2. Once your application is approved, the Clean Leadership team will invite you to upload your cover letter and resume to a personal folder.
3. As a pre-approved candidate, you will now be able to view job postings and apply to jobs of interest.
4. To apply for a job, you must email Meghan Borland ([mborland@clean.ns.ca](mailto:mborland@clean.ns.ca)). In the body of the email, please ensure to specify which specific jobs(s) you are interested in.
5. Upon successful pre-screening, your resume and cover letter will be shared with the hiring employer. Employers will only contact you if you have been selected for an interview.

6. Once you are matched with a host employer, Clean will work with you and the host to get the required documents signed prior to the start of your internship.
7. You can start your internship once all the required documents are finalized. A progress and final report are required from all interns.

*We are committed to Employment Equity and our goal is to be a diverse workforce that is representative at all job levels. We welcome applicants from Indigenous People, Visible Minority Groups, Persons with Disabilities and Women in occupations of positions where they are under-represented. If you are a member of one of the equity groups, you are encouraged to self-identify on either your cover letter or resume.*