

Intermediate / Senior Engineer

Engineer with 4-15 years' experience in Canada. The ideal candidate will have worked with multi-disciplinary teams in an engineering consulting environment. While the successful candidate will be expected to coordinate with co-workers, clients and other project stakeholders, they will not initially be expected to perform project management duties. However, the opportunity to manage projects may be provided to those who are interested and competent.

The position duties include the following.

Renewable Project Engineering, Analysis and Design

- Perform analyses of engineering problems and prepare sketches for drafting.
- Participate in analyses required to formulate and determine design criteria for minor components/structures/systems and prepare specifications for same.
- Prepare draft technical reports describing analyses and designs.
- Prepare draft regulatory submissions and supporting documentation.
- Perform project energy, capacity, performance calculations and component sizing.

Project Design

- Prepare design of components in support of the overall project design.
- Coordinate across the engineering team (internal and external) the design of all project elements, ensuring consistency in strategy and approach.
- Implement appropriate review processes for all elements of design, including technical, construction, logistics and operational considerations.
- Ensure all design documentation is delivered in accordance with company policies and processes.

Project Planning, Assessment and Coordination

- Develop the project strategy to ensure key issues are identified early and to ensure project goals of quality, schedule and cost are achieved.
- Undertake preliminary design, energy estimates and project economics to assess the best site development scenario.
- Prepare and/or review cost estimates, schedules, risk assessment and elements of project design.

Engineering Experience

- Experience in engineering design and/or review in at least one of the following areas: civil, hydrotechnical, electrical or mechanical.
- Engineering experience in a multidiscipline environment and capable of working on several major projects simultaneously.
- Exposure to renewable energy project design and construction is considered an asset.

Qualifications:

- Professional registration in a Canadian province.
- Consulting Engineering experience.