

GP JOULE PV Canada Corp. a subsidiary of GP JOULE GmbH, a diversified renewable project developer and Engineering, Procurement and Construction (EPC) service provider headquartered in Reußenköge, Germany with offices across Europe, the US and Canada. The Americas team is focused on renewable project development as well as full turnkey EPC services for the North and Latin American markets. Headquartered in Toronto, Ontario, Canada, with satellite offices in California and Calgary, we specialize in ground mount solar photovoltaic installations for both commercial and utility scale projects and can offer unique solutions in short and long term financing.

As a growing international private company, GP JOULE values authenticity, fair business practices, innovation, quality and zest for life. We look for highly-spirited people embracing those same core values to join us!

About the Opportunity

As part of its expansion in North America, GP JOULE is looking for a qualified electrical engineer for the EPC Division, focused on supporting the design of commercial and utility scale commercial rooftop and ground mount projects across North America, with a focus on Canada, the North East US, the mid-West US and the South West US. From time-to-time, the position will also get involved in supporting the Products Division with the engineering and design of a series of proprietary Solar PV systems and solutions by GP JOULE, for which electrical and automation expertise is required (PHLEGON Single Axis Tracker, CULTIVECO PV Greenhouse, etc.). The company is looking for talented individuals eager to learn and grow in a fast-paced and entrepreneurial environment. The position will be based in our North America Headquarters located in Toronto, Ontario.

Key Responsibilities

- Development and AutoCAD drafting of electrical engineering packages, which include but not limited to layouts, Single Line Diagrams, permitting/IFC/as-built drawings, etc.
- Development of technical specifications, bills of materials and estimates, quality control documents, commissioning requirements, technical manuals; etc.
- Follow good engineering standards and practices for commercial and utility scale ground mount solar PV projects to ensure that engineering deliverables comply with applicable codes and regulations in Canada and the USA.
- Consult with developers, utilities, and manufacturers to understand and capture project design requirements specific to geographical area and associated utility interconnection requirements in Canada and the USA. Experience in the USA market is considered to be an asset.
- Design of DC/AC solar PV plant systems and LV & MV power distribution systems. Experience with associated substation design, Protection & Control systems (P&C relay design), fire alarm and communications systems is considered to be an asset.
- Provide periodic site inspections during construction, commissioning and start-up.
- Respond to site/contractor Requests for Information
- Build relationships with clients, contractors and suppliers; coordinate with various

- disciplines and permitting agencies.
- Maintain records of design notes, calculations, simulations, drawings and other design/engineering documentation in appropriate project repository.
- Work closely with other discipline engineers and project managers as required
- Assist sales and management teams with new business opportunities and the preparation of technical proposals

Skills & Qualifications

- Bachelor's degree or higher education in Electrical Engineering
- 5+ years of experience in solar PV industry
- Knowledge and experience with solar PV systems (ground mount preferred but rooftop acceptable)
- Proficiency in computer-aided design with AutoCAD 2D&3D
- P.Eng license is considered to be an asset
- Ability to perform electrical system studies and calculations (load, voltage drop, short circuit, load flow, arc flash, grounding studies, etc.)
- Experience in all aspects of Electrical Engineering including cost estimating, purchasing and construction contracts development, supervision and on-site inspections
- Thorough understanding of codes, governing regulations and industry practices in Canada. *Experience in the USA market is considered to be an asset.*
- Accuracy, completeness and quality of technical information and project documentation
- Excellent interpersonal skills and have the ability to work effectively with senior management, clients, project team, and contractors
- Effective oral and written communication skills
- Results oriented, and be flexible to work well under tight schedules in a fast paced team environment

Other Requirements

- Occasional travel to sites is required; estimated percentage of travel required is 20% and may be subject to change depending on project requirements
- Own transportation to our office is required; office is located 219 Dufferin Street, Toronto, ON (public transit access & paid parking is available)
- Must have valid driver's license
- Must be eligible to work in Canada
- Must have valid passport and be eligible to travel to the US

For a view into our world, please visit us at www.gp-joule.ca

Please email your application documents to careers@gp-joule.com and mention the position you are applying for in the subject line.