

**About Us:**

Prime is a full-service electrical design, supply, and service firm, specializing in equipment design and commissioning. Our staff consists of engineers, electricians, technicians, drafters, and designers. We provide our customers with Low, Medium and High Voltage Electrical Equipment. We manufacture and supply unit substations, electrical switchgear, and control panels by integrating only the highest quality and industry-proven equipment and manufacturers into our designs. In addition, we offer:

- Power System Protection and Electrical Designs
- Control and Automation System Designs
- Power System Studies: Load Flow, Coordination, Short Circuit, Arc Flash, motor starting and Ground Grid
- Acceptance and Maintenance Testing and Commissioning
- Project Quality Assurance Programs

**Job Summary:**

Our Projects & Power Distribution team is looking for an Electrical Engineer (6+ years of relevant experience) who understands project management, is energized through solving challenging problems, values strong and lasting relationships with clients and co-workers, and wants to foster their career in a dynamic and growing industry.

**Job Responsibilities:**

- Electrical design of power distribution equipment (MV/LV), including single-line diagrams, three-line diagrams, AC/DC schematics, equipment layouts, and communication systems
- Design protection & control systems for power distribution equipment and control panels, including single-line diagrams, three-line diagrams, AC/DC schematics, equipment layouts, and communication systems
- Prepare and submit project documentation including:
  - drawing packages
  - cable schedule
  - panel schedules
  - operation and maintenance manuals
  - testing and commissioning reports
  - change order requests
  - other related equipment and project documentation
- Organize and participate in design review and project meetings with both internal and external clients
- Specify and select electrical equipment and services, prepare data sheets, prepare RFQs, review quotations, select and interface with vendors, prepare purchase orders
- Understand and coordinate the completion of power system studies including but not limited to: Load flow, Short Circuit, Coordination, Arc Flash, Ground Grid Analysis
- Manage and interface with internal Prime departments including but not limited to:
  - Mechanical Design
  - Power System Studies
  - Assembly & Fabrication
  - Field Service
  - Controls Engineering
- Manage and schedule projects in conjunction with colleagues' and clients' needs and demands

- Occasional technical report writing
- Create electrical protection relay settings, occasionally required to perform testing
- Occasionally required to perform on-site commissioning and testing of electrical installations
- Troubleshoot protection and control systems both in office and occasionally on-site
- Aid Controls designers/engineers regarding electrical and protection equipment and other project related interfaces
- Occasionally may be required to carry out inspections, field reviews, and witness testing of electrical equipment as required
- Take P.Eng. professional responsibility of regulated practice for both personal work and that of EITs
- This position has no direct reports

**Must Haves:**

- Registered with EGBC as a P.Eng. or immediately able to register with active P.Eng. registration from another Canadian province
- 6+ years of relevant experience directly related to electrical engineering
- 3+ years of relevant experience directly related to commercial and industrial medium voltage distribution equipment and systems
- 2+ years of previous experience reviewing and taking professional responsibility of regulated practice for personal work
- 1+ years of previous experience reviewing and taking professional responsibility of regulated practice for work prepared by EITs

**Preferred Skills:**

- Excellent interpersonal skills including strong written and verbal communication
- Detail and quality oriented
- Strong work ethic, leadership, willingness to learn, and open to instruction
- Experience with an ERP system (e.g., NetSuite) an asset
- Previous experience with industrial equipment manufacturing an asset
- Hands on field experience with electrical power equipment an asset
- Employee management experience an asset
- Knowledge of power distribution, switchgear, generation, and substations is considered an asset.
- Knowledge of CEC and IEEE standards is considered an asset.

**Qualification:**

- Electrical engineering degree, diploma, or other applicable certification
- Excellent MS Office skills
- Valid Class 5 Driver's License & clean driver's abstract
- Must be legally entitled to work within Canada

**What Prime Offers:**

- A company committed to a culture of problem-solving, relationship building, excitement for the work, and humility.
- An opportunity to participate in challenging, solutions-based, client-facing work.
- A competitive compensation package.



- Group insurance benefits including health, dental, vision, EAP, life, AD&D, and LTD
- Group RRSP plan
- Sponsored social events.
- Mentorship and professional development

**Job Type:** Full-time, Permanent

**Work Structure:** On-site; Overtime as required

**Working Hours:** 8:00 am – 4:30 pm (Flexible earlier start and end)

**Work Location:** 717 Aldebury Street, Victoria, BC, V9A 5T2

**Working Days:** Monday – Friday

**Pay range:** \$90k to \$105k yearly

**Compensation Model:** Base + Annual Bonus