



Premier Electrical Power Service Provider in BC

Locally owned and operated, our area of expertise is the specialized testing, inspection, repair and maintenance of critical electrical power system assets.

OUR GUARANTEES



Safety

We are trained and equipped with the most recent and up-to-date safety equipment and safe work procedures.

We have supported the development of **CSA Z462 "Workplace Electrical Safety"** and incorporated the elements of this document in our day to day work.



Quality

Our document management system is aligned with rigorous **NETA QC/QA** requirements for continued membership.

We are able to respond immediately to any customer inquiries and work hard to ensure any customer concerns are addressed quickly and successfully.



Environment

Pacific Powertech Inc. has developed specialized procedures for the handling of toxic or harmful electrical materials including PCB contaminated mineral oils.

Our experience and commitment to the environment are proven and will become readily evident on every job site.



Skilled workers

Our skilled engineers, technologists and power system electricians are among the highest qualified electrical power specialists in the business.

**24 hr
Service**





Maintenance Commissioning Engineering



OUR SERVICES



CERTIFIED TESTING

- Infrared scanning
- Insulating oil and vibration analysis
- Harmonic measurements
- Patient care CSA Z32 testing
- Underground cable systems tracing
- Hydro/steam/gas generator testing
- Commissioning & start-up
- Generator & battery bank load testing



SPECIALIZED SERVICES

- PCB removal & handling
- Transformer erection, filling, repair and oil processing
- Equipment retrofitting and new installations
- Cable fault locating
- Project management
- ARC flash protection upgrades
- High voltage cable splicing and terminations



FIELD SERVICES

- Power cables
- Power transformers
- Commissioning of low and high voltage power systems and substations
- Motor control centers
- Generating systems
- Protective relaying
- Switchgear
- Instrumentation and control systems
- Ground grid and soil resistivity, step and touch
- Electrical, instrumentation and control systems functional checks
- Commercial, industrial and utility maintenance programs



ENGINEERING AND UNIQUE STUDIES

- Short circuit analysis
- Harmonic analysis and filter design
- Protective device coordination
- ARC flash analysis
- Load flow and stability
- Grounding system design and analysis
- Lightning protection
- Power factor analysis and correction
- Engineering and unique studies