



BV Electric Ltd.

Powering Your Project



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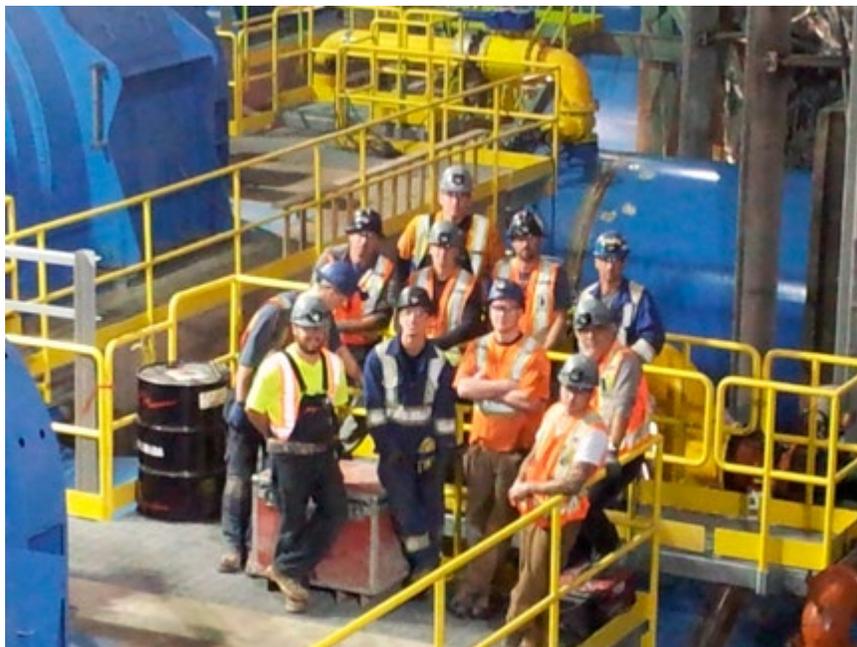
- Head Office
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Located in Telkwa, British Columbia, BV Electric Ltd. originated from humble beginnings. Through hard work and perseverance, BV Electric has—in only 8 years—become a leading electrical contractor in Northern BC. A full-service company, BV Electric provides a comprehensive range of expertise which meets the growing needs of our industrial and commercial customers. We pride ourselves on excellent custom service, competitive rates and outstanding quality of work.

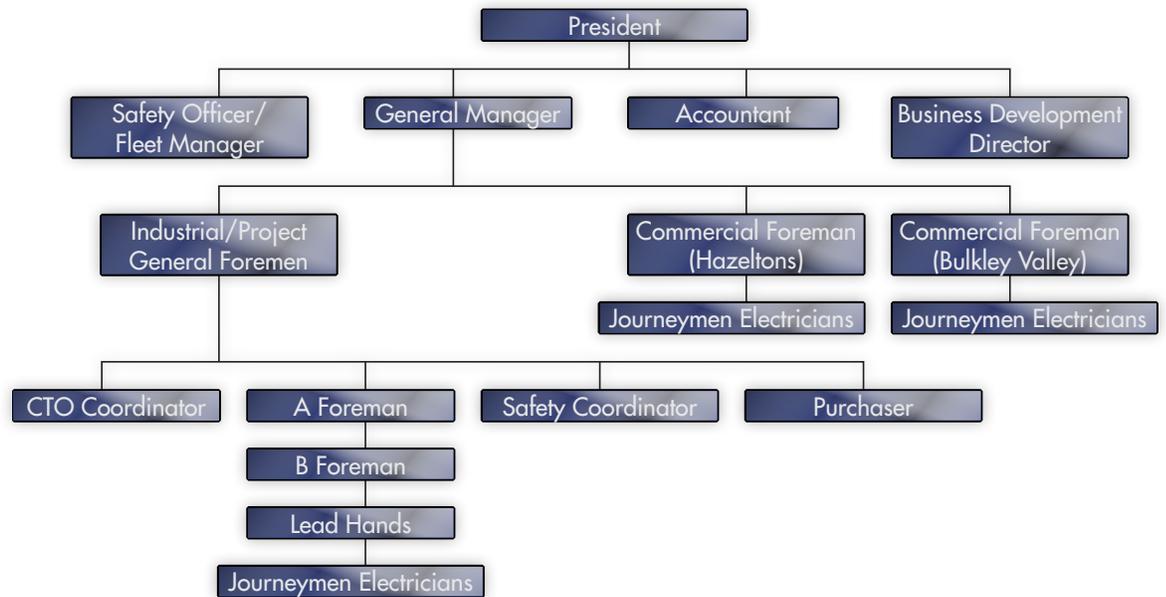
We are the primary electrical contractor for the Forrest Kerr, Volcano Creek, McLymont Creek and Long Lake hydroelectric projects. With these large-scale industrial projects, BV Electric's qualified professionals continue to provide an unparalleled level of service. From design to commissioning, we have implemented superior electrical infrastructure under tight time lines, challenging conditions and conflicting priorities. With this extensive background, we strongly believe we bring effective and optimal solutions. BV Electric truly does “power your project”.

■ Mission

BV Electric Ltd. strives to be BC's leading electrical contractor. In doing so, we are committed to providing superior service to our clients. We recognize we can only offer this service by continuing to cultivate our core strengths: a top-notch professional team that feels valued and respected, a social commitment to help support local community groups and First Nations and, finally, an enthusiasm for taking projects from conception to reality.



■ Company Organizational Structure



■ Core Values

We strive to uphold the following values:

Safety	We conduct ourselves in a safe manner, ensuring that we follow our company's health and safety policy at all levels. We go above and beyond industry safety standards, keeping in mind our goal to have zero downtime.
Trust	We are committed to earning, maintaining and enhancing the trust of our fellow workers, clients and community members.
Integrity	We conduct our work in an atmosphere of honesty, respect, and courtesy.
Quality	We strictly adhere to a quality control plan that ensures our services conform to the highest standards.
Teamwork	We nurture successful working relationships with all our partners.
Accountability	We take full responsibility for our actions.
Innovation	We encourage and support new ideas and creative approaches.
Community	We believe in our employees and in supporting local communities.
Pride	We instill our employees with a sense of pride, which is displayed in our workmanship and our customer service.
Expertise	We have decades of knowledge and experience that we bring to each project.

■ The BV Electric Advantage

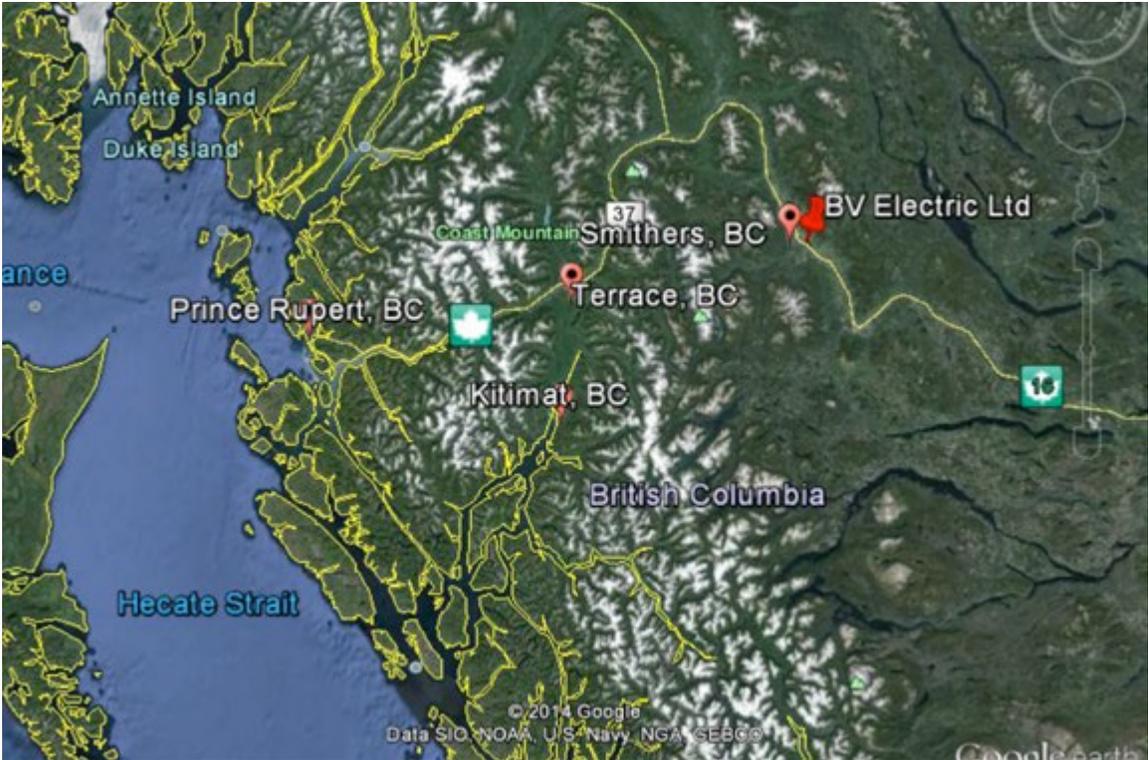
Our highly skilled project team has a track record for delivering projects on time and within budget. We have been the primary electrical contractor for numerous 100 million dollar plus projects in Northern BC. We are most proud of our involvement as the primary

electrical contractor for the Forrest Kerr, Volcano Creek, and McLymont Creek Hydro-electric projects. Forrest Kerr is the biggest Northern BC infrastructure development project in the last several years. Our project electricians managed all aspects of the electrical work required from intake to powerhouse and then from switchyard to substation. With the experienced gained through these projects, we are confident that BV Electric can provide the electrical needs of any industrial project.



■ Location

BV Electric is positioned directly in the heart of the Pacific North West. Our geographical position allows us to mobilize workforces to quickly expedite the completion of Northern BC's industrial projects.



BV Electric is actively engaged in the community and supports many local organizations and fundraising events. BV Electric has been a long-time supporter of program events such as the Smithers Ski and Snowboard Club, Creative Roots Performing Art Studio, Bulkley Valley Hospital Foundation and the Smithers Rotary Club. We strongly believe in hiring and supporting local talent; for instance, we have a 'local first' policy for hiring electricians. We have also developed programs with local First Nations communities to help identify and support local apprenticeships.

We are currently engaged with School District #54 Trades Education program. With our "Day in the Life of an Electrician" program, local students visit our shop and participate in on-site sessions with our local journeymen electricians. This is an example of our commitment to the growth of the Electrical Trade in Northern BC.

In addition, we are partnering with Northwest Community College, and the Moricetown First Nations band to identify and recruit potential apprenticeship students.

BV Electric is proud to create and foster 'win-win', mutually beneficial partnerships in Northern BC and in all the regions which our projects serve. We currently have a Joint Venture agreement with the Tahltan First Nation, and effective working relationships with the Gitanyow and Moricetown First Nation band offices. We are committed to providing long-term social and economic contributions to First Nations communities.

Projects of Interest

■ Forrest Kerr Hydroelectric Project *Completed Fall 2014* *195 MW Run-Of-River Hydroelectric project*

BV Electric is proud to have been Forrest Kerr's primary electrical contractor from the start of construction in 2010 until the end of commissioning in the summer of 2014. BV Electric's contributions at Forrest Kerr include the design, layout, and installation of a complete electrical system for a 400 man construction camp. The camp includes two 450KW, one 500KW and one 600V generators. The camp also has waste water and water treatment equipment, a modular kitchen and connecting dorms, a fuel farm, and a propane delivery system. With all electrical infrastructure energized for the camp, BV Electric then managed the complete installation of all electrical systems associated with Forrest Kerr's Switchyard, Powerhouse, and Intake. The 725 million dollar project was successfully commissioned in July of 2014, on time and budget. Clean Energy BC has recognized Forest Kerr as the Project of the Year. In addition, Clean Energy BC has selected Forest Kerr as the 2014 winner of their prestigious award for Project Excellence.



■ **Volcano Creek Hydroelectric Project**

Completed Winter 2014

16MW Run-of-River Hydroelectric Project

As part of the continuation of the Forrest Kerr Project, BV Electric was instrumental in providing all electrical expertise for the construction of electrical systems contained at Volcano Creek's Switchyard, Powerhouse, Penstock, and Intake. The Volcano Creek Project was completed 2 years ahead of schedule and on budget.



■ **McLymont Creek Hydroelectric Project**

Estimated completion date: Fall 2015

66MW Run-of-River Hydroelectric project

The McLymont Creek Project is comprised of an intake and wier structure located approximately 5km upstream of the McLymont Creek confluence with the Iskut River. An approximate 3km tunnel will divert a portion of the water from the McLymont Creek to a surface powerhouse where a tailrace will return the water to the Iskut River. BV Electric is scheduled to complete commissioning McLymont Creek's three turbines and generators in the Fall of 2015, and will be connecting power from the McLymont Creek Project to the Forrest Kerr Switchyard through a 10km 69-kV transmission line.



■ **Long Lake Hydroelectric Project**

Completed Fall 2013

This 31MW hydroelectric project consisted of two parts for BV Electric. One was the supply and installation of a complete electrical installation for a 250 man camp including dorms, kitchen, offices and recreation facilities. The main power source was from BC Hydro and included an 800 amp 120/208 volt distribution to the camp equipment. BV Electric also provided a complete generation container with two new 36KW Kubota Generators. The second part was the 31MW generating station. BV Electric provided electrical support and installation of the 7.2km penstock, the projects powerhouse and distribution station.



This projects was completed on time and budget. The District of Stewart received Clean Energy BC's 2014 Community of the year award for their involvement in the Long Lake project.

■ **Huckleberry Mines Ltd.**

Camp Expansion: Completed Spring 2013

Cyclone Sands Plant: Completed Winter 2013

This project consisted of supplying and installing the electrical infrastructure for a 130 man camp, which included the electrical tie-in for dorms, a kitchen, a recreational facility and a parking lot. The completion schedule for the



camp was compressed and accelerated to ensure the earthworks construction contractor, Arthon Belvedere, had accommodation facilities available for immediate construction of the new 'TMF-3' Tailings Facility. Once completed, BV Electric was retained by HML for the installation of all low and medium voltage electrical and control systems required for the newly constructed Cyclone Sands Plant and Tailings Facility expansion. Both projects were completed on time, within budget, and with no lost time injuries.

References

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