**POWER LINE**

Martech Electrical Systems Ltd. (MESL).

Its employees, have been supporting Western Canada as well as projects in the USA for 38 years and are committed to delivering safe, efficient, and reliable electricity, serving residential, commercial, industrial, and private sector customers.

MESL’s strategic focus is on achieving excellence and continuous improvement with detailed open communication across all aspects of its businesses including: non profit community sponsorships employee & public safety; operational efficiency & reliability; fast responsive customer service; and, environmental conservation programs. The company is committed to maintaining a strong asset base through responsible financial management, system renewal and innovation to assure the availability of electricity supply to meet customer needs and growth.

Our Powerline Division has extensive experience in:

* Private sector high voltage powerlines
* New capital construction projects for Utility and Private
* Pole replacements on various Projects
* Re–Conductoring on upgrades
* Single phase - Three phase conversions
* Voltage conversions
* Line salvage
* Live-line maintenance
* Pole line inspections
* Underground HV Civil and Cabling installations
* Design Build services {EPC}

We also specialize in:

* Live Line Work (Class 3 Rubber Glove Certified)
* Transmission Construction & Maintenance **(69kV to 500kV)**
* Overhead & Underground Distribution
* Construction, Maintenance & Inspection
* Emergency & Storm Outage Response / Restoration

Martech Electrical Systems Ltd. Is dedicated and resourceful with exceptional team leadership and quality assurance abilites, MESL has meticulous attention to detail with regard to safety regulations and practices. Some of our recent projects have included:

* Being responsible for all aspects of construction and repair of distribution system, to the Utilities Standards, both overhead and underground
* Regular on call duties, running multiple shifts to relieve workers
* Responsible for storm repair and emergency customer service calls
* Inspecting of Overhead and testing of underground power lines and auxiliary equipment
* Installation and maintenance of street lighting systems
* Installation and maintenance of telephone and radio systems, Fiber, Microwave etc.
* Following Clients precise process’s and procedural for Safety
* Safely worked on systems with hazardous materials, PCB’s, Silica and Asbestos
* Gang Switch, Cut out maintenance

Consider MESL to be your one stop shop when it comes to your electrical needs, our services and methods include:

* Methods used: Live line work, de-energized work, new construction, brittle re - conducting, shoe fly lines
* Obtain any permitting that may be required: GOI/ Clearances, GNR/ One Shot/ Holdoffs, etc. depending on naming convention for different utilities, example - BC Hydro or Fortis or Altalink etc.
* Plan Crew make-up, depending on live-line or de-energized brownfield or greenfield
* Extensive owner owned equipment list

**Our Powerline Supervisors are extremely competent individual’s who** organize, schedule, cost controls, assign and supervise employees with other contractor activities engaged in installation, repair and maintenance of power systems while ensuring quality work is being performed to client expectations

* Safety leadership is paramount, ensuring safe, efficient, and a timely completion of all required tasks in accordance with the Occupational Health & Safety Act & Regulations, the Electrical Utility Safety Rules, and BCH Policies & Procedures; enforced as required
* Ensure positive labour relations through proper administration of the Collective Agreement & company policies
* Provide direction: establishing goals and training requirements, performance evaluations, and mentoring
* In conjunction with other supervisors, ensure completion of all work, progress, vehicle, equipment and employee reports, for recording, as required

**Work Experience**

**2019 Gang Switch Replacement, Vaagen Sawmill, Grand Forks, BC**

* Supply & install poles and gang wire

**2019 Single Phase – Three Phase Upgrade to Powerline System, City of Grand Forks, Grand Forks, BC**

* Supply and install poles, wires and hardware

**2019 O/H Ties to Lakeside Cable, City of Nelson, Nelson, BC**

* Medium voltage submarine cable installation
* Terminations on cable ends
* Replace pavement/ road gravel
* Remove and dispose of old structures and cable

**2018 30 Line Salvage, FortisBC**

* Salvage 30 Line Crawford Bay to Grey Creek
* Provide labour, equipment and materials to remove, dispose & salvage decommissioned portion of 230kV Transmission Line

**2018 Transmission Line, City of Nelson, Nelson, BC – 123**

* Supply equipment, labour and material for Transmission Line replacement
* Ramp building, site prep, civil

**2018 60L2 Transmission Line, City of Nelson, Nelson, BC – 124**

* Supply equipment, labour and material for Transmission Line replacement
* Re-string secondary services, Connect lights
* Salvage materials as instructed

**2017 North Shore Reconductor, City of Nelson, Nelson, BC**

* Brittle copper conductor replacement (3 Phase)
* Supply equipment, labour and material for replacement
* Pole relocation and installation

**2017 Riverside Drive Line Upgrade, City of Grand Forks, Grand Forks, BC**

* Voltage conversion upgrade
* Re-insulate
* Salvage as required
* Pole relocation, replacement and installation

**2016 T-07 Pole Replacement, City of Nelson, Nelson, BC**

* Supply equipment, labour and material for pole and Transmission Line replacement

**2016 Powerline Construction, Grohman Storage, Nelson, BC**

* Supply material, equipment & labour to construct single phase powerline

**2016 Osprey Heights Powerline, Justin Pelant, Nelson, BC**

* Supply and install primary powerline

**2016 CPX Powerline Extension, Teck Coal Ltd. Elkford, BC**

* Install powerline
* Install mobile substation site
* Supply material, equipment, labour

**2016 Uphill Conversion, City of Nelson, Nelson, BC**

* Supply and install Lightning Arrestors, poles, guys etc.
* Excavation and waste removal

**2015 Fibre Installation, FortisBC, Ootischenia, BC**

* Install 15km ADSS fiber on 230kV Transmission Line

**2014 Transmission Line, City of Nelson, Nelson, BC**

* Remove, replace and repair all components of Transmission Line (60L2)
* Clean-up and restore landscape
* Maintain site cleanliness
* Adhere to MESL and client Safety and Environmental policies

**2014 Shaw System Upgrades, City of Nelson, Nelson, BC**

* Replace poles
* Replace/ install transformers, x-arms, braces, insulators, ground rods, etc.
* Install conductors, sleeves, cut-outs and LA’s, hot-taps and ground wire
* Clean-up and restore landscape
* Maintain site cleanliness
* Adhere to MESL and client Safety and Environmental policies

Our Line Crew, Supervisor and Safety Officer have extensive training and we pride ourselves in keeping up to date on protocol, procedures and safety policies. Some of the training we require and have are:

* Aerial Work Platform
* ARC Flash
* Asbestos Awareness
* Bucket Truck Rescue
* Class 3 Drivers with Air
* Class 3 Rubber Glove
* Confined Space Awareness
* Fall Protection Trainer
* Hearing Test
* Lift Truck Safety
* Live Line Maintenance Trainer
* Load Securement
* Lockout Training
* OFA Level 3
* Pole Top Rescue
* Respirator Fit Test
* Storm Chainsaw Safety
* WHMIS w/ GHS

**Previous Work: High Voltage - Sub Stations, please refer to the attached list for a more extensive list**

**Fall 2013: Selkirk Substation Waneta Expansion Line Position**

Physical and Electrical Work

* Install an A Frame for incoming lines
* Install and commission two 230kv disconnects
* Install a 230kv breaker
* Install 230kv CVT’s
* Install and complete P&C wiring for the above

The project met all milestone dates set by the owner

**Summer 2012: Gibraltar Mines 60kv Switchyard, Substation, and Power Line**

Physical and electrical work

* Install four H frame structures for incoming lines
* Install and commission nine disconnects
* Install and complete P&C wiring for five 60kv breakers
* Assemble two 20/27 MVA Oil Filled Transformers

**Year 1994** - Installation of 150kms or 94 miles of 500kv structures and stringing, from Williams Lake to Clinton B.C. 7-million-dollar contract value.

Other than weather, projects met all milestone dates and cost controls, set by the owner.

Thanks for the inquiry,

Wayne Groom,

VP – USA Division



Office: 250.365.2115

Cell: 250.687.0961

Email: [wayne.groom@martechelectrical.com](mailto:wayne.groom@martechelectrical.com)

Web: [www.martechelectrical.com](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.martechelectrical.com_&d=DwMFAg&c=ZWY66qCYUTYUcOev9C2GlDEcKuYKzoWDVNR_L93Z9mQ&r=MGRf6jwvWV_9l7xd5pD92G8RIaCGaRZfy0LOKd0hmfw&m=MwuPoDHRYVUsVFA0eotzRaNHwh5xh1Vh14VJX9pOhy4&s=5cxVfs_4ap1DDZa72HBzQN_C9CR9JMGUvi1A3i1FToU&e=)

***Mario DiBella***

***President***

cid:image003.jpg@01CD9B2D.44D92ED0

1700 Woodland Drive

Castlegar, BC V1N 4J4

Phone: 1 (250) 365-2115

Fax: 1 (250) 365-2102

Cell: 1 (250) 304-7520

e-mail:  [mario.dibella@martechelectrical.com](mailto:mariod@martechelectrical.com)

Web:    [www.martechelectrical.com](http://www.martechelectrical.com)