

PARTNERSINPOWER

SPARKPOWER
CORP



POLE TO PRODUCT INFRASTRUCTURE

Industrial, commercial and institutional (ICI) customers need power infrastructure services that will enable them to respond to the rapid transformation of the electrical grid and the rising cost of power. Spark Power Corp. delivers integrated “pole to product” solutions for power systems management to ICI and utility customers across Ontario. Our staff of highly trained engineers, tradespersons and technicians offers best in class service and responsiveness to ensure the safety and reliability of your power infrastructure for years to come.

LEADERS

IN HIGH, MEDIUM AND LOW VOLTAGE SERVICES

Spark Power delivers best in breed power systems management through our family of companies, each of which are recognized leaders in providing inspections, maintenance, engineering services, commissioning services, testing, repairs, upgrade work and replacements and custom electrical contracting services. The Spark Power family includes:

RONDAR

A SPARKPOWER COMPANY

Established in 1970, with offices in Hamilton and Toronto, Rondar is a premier high voltage power services provider.

TILTRAN

A SPARKPOWER COMPANY

Established in 1982, with offices in Tillsonburg, Tiltran delivers customized, reliable medium and high voltage services to the ICI and utility markets.

TALTREES

A SPARKPOWER COMPANY

Established in 1989, with offices in Belleville, Tal Trees provides high voltage and street lighting services to ICI customers and has established a reputation as a specialist in the design of substations and overhead lines.

PELIKAN

A SPARKPOWER COMPANY

Established in 1998, with offices in Burlington, Pelikan delivers engineering and maintenance services for medium and high voltage infrastructure assets and has built a reputation as power systems installation and retrofit specialists.

LIZCO

A SPARKPOWER COMPANY

For 30 years, Lizco Sales has served the high voltage industry with new, used, and rental equipment including; power transformers, switches, breakers, and fusing; selling to contractors, distributors and direct customers across Canada and the US as well as in the Caribbean, Mexico, India, Europe, and Africa.

NEW ELECTRIC

New Electric provides electrical contracting services including custom control panels, automation systems and electronics repair earning a reputation for excellence quality and quick response.

SERVICE

OFFERINGS

HIGH AND MEDIUM VOLTAGE MANAGEMENT

Expert preventive maintenance services for medium & high voltage infrastructures including:

- ✓ Transformers, switchgear, protection and control systems, bus and cable infrastructure
- ✓ Electrical system troubleshooting, failure recovery and modernization

COMMISSIONING SERVICES

Full scope independent commissioning services for new and retrofit infrastructures:

- ✓ Device, equipment and function testing
- ✓ SCADA system verifications
- ✓ Protection & control system testing
- ✓ Confirmation of Verification Evidence Report (COVER)

POWER LINE CONSTRUCTION AND MAINTENANCE

Full service delivery including construction, restoration and maintenance:

- ✓ Overhead and underground power line construction up to and including 230 kV
- ✓ Tension stringing
- ✓ Overhead power line equipment and switchgear such as reclosers, voltage regulators, air break switches and SCADA controlled equipment
- ✓ Street lighting systems
- ✓ 24/7 emergency services

POWER “ON” SERVICES

Advanced diagnostic services to avoid costly outages and repairs:

- ✓ Thermographic scans
- ✓ On load tap changer analyses
- ✓ Ultrasonic testing
- ✓ Power quality monitoring and equipment installation
- ✓ Partial discharge testing

ENGINEERING SERVICES

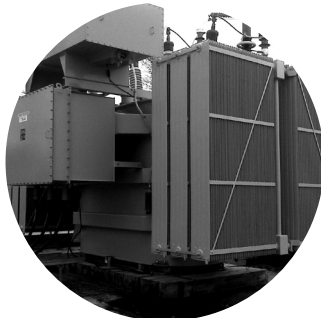
Practical engineering advice and support for power systems optimization, including:

- ✓ Protective device co-ordination studies
- ✓ Arc flash studies
- ✓ Power quality and harmonics studies
- ✓ Ground system studies and design
- ✓ Feasibility and modernization studies

SUBSTATION CONSTRUCTION

Single source solutions for both new substation installations and upgrading existing facilities for ICI and utilities:

- ✓ Distribution and transmission substations up to 230kV
- ✓ Pre-service commissioning and testing
- ✓ Industrial wiring
- ✓ Grounding system installation
- ✓ De-commissioning and removal



LOW VOLTAGE SERVICES

Through the regional branches of its wholly-owned subsidiary New Electric, Spark Power delivers professional industrial electrical solutions that keep operations up and running:

- ✓ Equipment installations and relocations
- ✓ 24/7 on-call emergency service
- ✓ Production line and process systems technical support and upgrades
- ✓ Energy management retrofits: lighting, power factor, VFD
- ✓ Energy management requirements audits

AUTOMATION SOLUTIONS & ELECTRONIC SERVICES

Through its New Electric subsidiary, Spark Power optimizes plant performance through the delivery of state-of-the-art solutions and services including::

- ✓ Turnkey automation systems
- ✓ Safety and legacy system retrofits
- ✓ Information and reporting solutions
- ✓ Control panel design and assembly
- ✓ Electronic repairs

LAB & TESTING SERVICES

Through its Rondar division, Spark Power delivers essential diagnostic services on medium and high voltage infrastructures and offers preventative maintenance services to avert costly equipment break downs and repairs including:

- ✓ Fluid maintenance tests and PCB content analysis to ASTM standards
- ✓ Testing of insulating fluid in transformers
- ✓ Thermography services to assess high voltage power distribution systems

EQUIPMENT SALES & RENTAL

Delivered through LIZCO Sales & Rentals, Spark Power serves the high and medium voltage industry with new, used and rental equipment to meet power infrastructure needs. We offer a wide selection of equipment, including:

- ✓ Transformers (rental units to 45MVA)
- ✓ Switchgear
- ✓ Fusing
- ✓ Pole switches and pole hardware
- ✓ Breakers (all types) new and used
- ✓ In house fabrication and modification capabilities

ABOUT SPARK POWER CORP.

Spark Power Corp. delivers technical innovation, asset management, project development, maintenance, service and operational support to the renewable energy sector and industrial, commercial, institutional ("ICI") and utility markets. Headquartered in Oakville, Ontario, with branches in Barrie, Belleville, Blenheim, Brampton, Cambridge, Chatham, Hamilton, Markham, Mississauga, New Liskeard, Perth, Peterborough, Tillsonburg, Stoney Creek, Vaughan and Whitby, the company has over 400 employees and 4,500 customers across Ontario. For more information, please visit us at www.sparkpower.ca.