

HIGH VOLTAGE

Your power service provider should help you combat the rising cost of power and deliver timely and responsive solutions. Leverage the experienced group of high voltage specialists at Spark Power to handle all your industrial, commercial, or utility (ICU) needs.



FULL SERVICE

Providing end-to-end electrical contracting, operations and maintenance services for industrial facilities, OEMs and utilities across North America.



EXPERIENCED

Over 1000+ highly skilled, dedicated, technicians have the knowledge and expertise to deliver solutions from consultation and design through to installation and maintenance.



RESPONSIVE

We mobilize our dedicated technicians quickly and efficiently to your site to optimize your facility, minimize downtime, and maintain your productivity.



Engineering Studies:

Advice and support for power systems optimization including device coordination studies, arc flash studies, ground system studies, short circuit analysis, and power quality studies

Commissioning:

Independent commissioning services for new and retrofitted infrastructure including device and equipment testing and verification, function testing, and protection and control testing.

Construction:

Full-service delivery and construction of HV equipment for new or existing facilities such as substations up to 230kV, utility and ICU substations, and overhead and underground powerlines up to 230kV.

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Preventative and Predictive Solutions

Keep your high voltage equipment in top operating condition with customized, proactive service designed to minimize unwanted downtime:



Maintenance

Preventative maintenance and troubleshooting for your high and medium voltage assets:

- Transformers
- Switchgear
- Protection and control
- Cables and lines



Diagnostics

Advanced and ongoing analysis to help avoid costly outages and repairs:

- Thermographic scans
- Insulating fluid services
- Power discharge testing
- On-load tap charger analysis