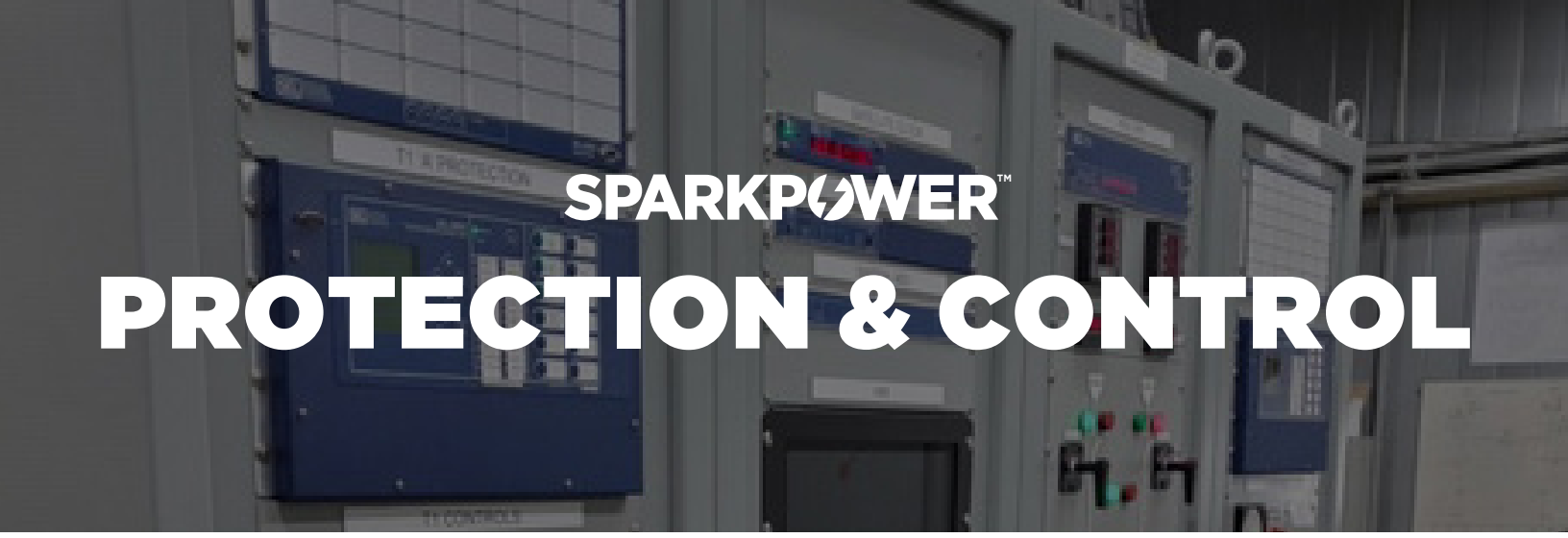




SPARKPOWER™ PROTECTION & CONTROL

Protection and Control (P&C) Systems are the core of your power distribution – they're able to detect abnormal conditions and isolate specific sections of the power network experiencing faults from the rest of the system. A reliable P&C System is required for personnel and equipment safety and avoids unnecessary downtime.

At Spark Power, we provide end to end solutions – from power system studies, protection scheme implementation and verification, to designing and implementing automation schemes. Our highly skilled and dedicated Engineering team will work to ensure you are provided with reliable solutions that fit your needs.

PROTECTION AND CONTROL SERVICES

Our team of professional engineers, engineering technologists, and NETA accredited technicians have been providing testing and engineering services across North America since 1970 – and provide you with best-in-class engineering services to deliver your project assets on time and on budget.



Studies

- Short-circuit analysis
- Protective device coordination study
- Motor starting and transient analysis
- Lightning protection studies
- Protection setting study



Arc flash hazard assessment

- Incident energy analysis
- Label installation
- Arc flash hazard awareness training
- Arc flash mitigation studies & solutions



Detailed design & device configuration

- Programming relay & substation SCADA devices
- Complete utility interface design & testing
- Design & supply of utility interface panels
- Development of SCADA, HMI and communications solutions
- System upgrade & modernization solutions
- Single line diagram, logic, AC & DC schematic drawings



Field engineering

- Data gathering & assessment
- Protection system audit & evaluation
- Protection scheme testing & verification
- Equipment training & site support
- On-site testing & commissioning services
- Protective device trip investigation & fault analysis

HEALTH AND SAFETY

When it comes to safety, **only zero is acceptable. Zero** accidents at work.
Zero compromise to prioritizing safety.



Spark Power is a leading independent provider of end-to-end electrical services, operations and maintenance services, and energy sustainability solutions to the industrial, commercial, utility, and renewable asset markets in North America. We work to earn the right to be our customers' Trusted Partner in Power™. In the state of California, we operate under license #533593. In the state of Texas, we operate under license #TECL-34613.

FOR MORE INFORMATION, PLEASE CONTACT US AT 1.833.775.7697 | WWW.SPARKPOWERCORP.COM

SPARKPOWER™