



SPARKPOWERTM COMMISSIONING

END-TO-END TESTING OF YOUR ELECTRICAL SYSTEMS.

The best time to ensure your newly installed or retrofitted power systems will perform to specifications is before you need them to. Early detection is the key to saving time and money while they are operational. Comprehensive commissioning from Spark Power looks at every component of your equipment to confirm it will function according to its specifications and your requirements.

STEP-BY-STEP COMMISSIONING

In-house and on-site commissioning allow for better integration among existing systems, reductions in downtime, and improved operational efficiency.



Pre-design phase

Understanding your expectations and requirements for the system to be installed:

- Equipment needs
- Safety/emergency protection systems
- Data acquisition systems
- Control panel requirements



Design phase

Incorporating pre-design phase requirements into construction documents, plans, and schedules:

- Equipment sourcing
- Code validation
- Motor, starters, and variable frequency drive (VFD) coordination
- System documentation



Build phase

Assembling and installing your system in accordance with design intent and operational needs:

- Design plan review
- Individual and integrated component testing
- Finalizing on-site commissioning requirement

Operation phase: Installed equipment and systems are tested for performance, inspected for connections and physical condition, cleaned, and labeled appropriately.

COMPREHENSIVE COMMISSIONING SERVICES

Full-scope commissioning is essential to business and operational success. Have confidence your new or retrofitted system will perform exactly as intended.



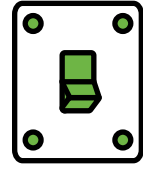
Deficiency testing

Searching for any inconsistencies between design and installation requirements with start-up and operational performance.



Error testing

Ensuring all wiring, programming, controls, and data logic are installed and connected according to specifications.



Reliability testing

Performing system starts-and-stops to ensure consistent performance and establishing baseline performance benchmarks and use-case scenarios.

Safety testing: Inspecting all equipment and performance scenarios to industry accepted standards. Documenting and mitigating any risks to operators and warranties.

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™