

LIFECYCLE SUPPORT OF YOUR SUBSTATION

What is it?

Substations are a critical component to your facility's power system. They are responsible for receiving electricity supply from the grid and distributing this supply throughout your facility when and where you need it.

Why is it important?

Lifecycle support is important to ensure that your substation is designed to meet facility needs today and into the future as your usage, technology, and scale may change.

An annual maintenance plan will ensure that your transformer and switchgear are kept in working order to avoid unplanned and costly downtime.



FOUR STAGES OF THE SUBSTATION LIFECYCLE

Design

- Substation layouts, elevations
- Ground grid
- Equipment specification & selection
- Utility coordination
- Short-circuit, arc-flash, coordination studies
- Protection & control systems

Build

- Transformer & switchgear installation
- Pole line & open-air structure installation
- Control buildings, control panels & SCADA systems
- Grounding systems
- Medium voltage cable installation
- Underground distribution & vaults

Maintain

- Transformer testing & maintenance
- Oil sampling & analysis
- Switchgear testing & maintenance
- Component refurbishment or replacement
- Emergency trouble calls
- Neta accredited testing, if required

Upgrade

- Service upgrades, and modifications
- Additional transformers or switchgear
- Generator interconnection
- Protection & control system improvements or modernization
- Reliability and power quality improvements

When to reach out for support?

Whether you require a new substation design, installation, maintenance and renovation, or a complete power service upgrade, Spark Power's engineering team has the experience and technical skillset to support you at any stage of your substation's lifecycle.

WHY CHOOSE SPARK?

We are independent

- Unbiased service provider
- Pole-to-Product™
- Relationships over transactions

We are local

- Community-based
- Local service with continent-wide expertise
- Certified and well trained

We have scale

- Award-winning health & safety programs
- Flexible and responsive
- Right ideas and solutions

Spark Power is a leading independent provider of end-to-end electrical services, operations and maintenance services, and energy sustainability solutions to the industrial, 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

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