



Electrical Maintenance and Construction



Electrical Maintenance and
Construction for Utility Substations



Substation Electrical Maintenance and Construction

Investor-owned utilities, electric cooperatives and municipalities rely on KVA Incorporated to provide comprehensive substation services. We allow you to keep equipment upgraded, maintained and protected, leading to higher reliability, greater security and reduced costs.

Our highly qualified staff offer many years of experience with a wide variety of electrical apparatus, combined with the state-of-the-art equipment to back them up.

KVA Inc. is a member of the Scope Services family of companies. Scope Services is a WBE Certified Corporation.



Civil Substation Construction

Turnkey new substation construction
Circuit additions and bay expansions
Bus and disconnect replacement
Equipment installation

- Breakers
- Reclosers
- Regulators
- Transformers

Existing equipment raised to OSHA standards
Cable installation in conduit or direct buried
Grounding grids, foundations, fences and painting



Apparatus Testing and Maintenance

Maintenance and repairs on all types & sizes

- Switchgear
- Power Circuit Breakers
- Reclosers
- Regulators
- Capacitors
- Transformers



Regularly scheduled preventive maintenance inspections
Oil dielectric, DGA testing & filtering
Circuit Breaker contact resistance & timing testing
Recloser ME Settings, Hi Pot testing and repair

Protective Relay Panels and Field Services

Electrical Testing, Repair and Assembly

Building and wiring Protective Relay Panels
Relay system preventive maintenance and repairs
Load Centers (100 to 300 amp mains)
Control panel functional tests
Protective Relay upgrades & troubleshooting
Cable tray, busway and conduit installations
Control wiring installation and termination



KVA helps you coordinate the improved reliability, communications and control of your upgraded protective relay system. We build the panels and provide the installation, interconnect wiring and testing. RTU and SCADA systems integration can also be completed on site.



Utilities benefit from our experience in troubleshooting the electrical problems associated with substation equipment. Think of KVA as a partner to produce the relay panels, apply the settings and test the complete relay package.



Services Craft and Professional Labor

- Supplemental civil and apparatus craft employees
- Oversight for distribution & transmission Right-of-Way
- Quality oversight for overhead, underground lines, transformer retrofit, joint trench and special projects



www.kva-emc.com



KVA Incorporated
480 Mayfield Road
Duncan, South Carolina 29334
864.801.4430
Fax: 864.801.4460

www.kva-emc.com
info@kva-emc.com