

Switchgear Upgrade Services



Committed to providing cost-effective solutions that make you more effective!

CE Power Solutions has full range engineering, design, manufacturing and on site capabilities to provide retrofit circuit breaker and switchgear solutions, replacement circuit breaker solutions, and relay replacement and upgrade options to help facilities enhance safety, reliability and performance.

Retrofit Switchgear

Retrofit option employs the task of removing all the existing cell, racking, primary connections and secondary connections and their components from the switchgear enclosures. A new cradle (cell) is placed within the switchgear section and hard-bussed onto the line side service bus; termination compartment is prepared; sections cordoned-off; fastened to the existing structure and pared to make all primary and secondary connections.

Specific Projects—Retrofit Switchgear

American Electric Power, Mountaineer Plt
Duke/Cinergy, West End Substation
Chelan County, Rock Island Dam
AMP Ohio—Greenup Hydro



Replacement Circuit Breakers

Replacement breakers are designed to roll into the existing cell, utilizing the existing interlocking mechanism and bus configuration. Replacement breakers correctly interface with existing cell switches (MOC and TOC). Safety interlocks inherent to the original switchgear design are maintained. When compared to an air magnetic breaker retrofit, replacement breakers significantly reduce spare parts costs and out-of-service time.

Specific Projects—Replacement Breakers

Cincinnati Water Works, Multi Locations
Dayton Power & Light, Stuart Station
Florida Power & Light, Multi Locations



Relay Replacement and Upgrade Capabilities

Relays and doors are often upgraded to replace outdated electro mechanical relays with solid state technology and communication capabilities. In addition to the upgrade of relays, systems testing and associated engineering services will help ensure compliance to the NERC/FERC Energy Policy Act of 2005.

Specific Projects—Equipment Upgrades

Cincinnati Works, Multi Locations
American Electric Power, Multi Locations

Specific Projects—Relay Engineering

Hoosier Energy, Multi Locations
Progress Energy

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