

Switchgear Upgrade Project Profiles



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

Chelan County PUD

Rock Island Dam—Wenatchee, WA

- Replace existing station service breakers (BBC air operated with IEC design) with new draw out vacuum breakers
- Design and assemble package to replace breakers with a new draw out cradle connecting existing fixed mount inline current transformers as well as existing load cables
- Ratings: 15kV, 1200A, 63kA



Duke Energy

West End Substation—Cincinnati, OH

- Replace Westinghouse O-22 indoor oil circuit breakers with new draw out vacuum breakers
- Strip existing cells and buss new breaker cells to the original incoming and outgoing bushings
- Enclose the front of the cell with access doors and panels
- Ratings: 15kV, 3000A, 63kA



Chelan County PUD

Rock Island Dam—Wenatchee, WA

- Replace existing Westinghouse CA air blast breakers and existing oil breaker cells previously retrofitted with Square D SF6 breakers, with new draw out vacuum breakers
- Increase 3000A units to 4000A rating, utilizing a fan package
- Provide design, documentation and oversight for Chelan County personnel to install
- Ratings: 15kV, 1200A/3000A (4000A FA), 63kA



American Electric Power

Mountaineer, Darby, Tanners Creek, Pirkey, & Clinch River Plants

- Retrofit GE AM13.8, circuit breakers with new draw out vacuum breakers
- Supply and install new circuit breakers into existing cells, allowing for remote racking system to be utilized
- Ratings: 15kV, 1200A, 37kA



US Army Corps of Engineers

Norfolk Hydro Dam—Arkansas

- Replace VCPW generator circuit breakers with new draw out vacuum breakers
- Provide engineering, procurement, installation, testing and commissioning
- Ratings: 15kV, 1200A, 37kA

City of Hamilton/AMP Ohio

Greenup Hydro Dam—Hamilton, OH

- Retrofit existing air breakers with new draw out vacuum breakers
- Remove existing generator breakers and install new cells, breakers, custom bus work, startup and commissioning
- Provide engineering drawings including wiring diagrams and schematics
- Ratings: 15kV, 1200A, 37kA



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