



CE Power Solutions

Solutions Profile # 9 – 5 kV Direct Roll-in Replacement Circuit Breaker Project

Project Scope: Replace thirty(30) 5 kV outdoor and indoor air magnetic circuit breakers with vacuum technology, direct roll-in replacement power circuit breakers for life extension and lower maintenance.

Client: Municipal waste water/water works

Project Challenge: Project required to be completed before water-use season began.

Service Team: Client, Electrical Maintenance and Engineering
CE Power Engineering Services
CE Power project management
FAST – Field Apparatus Service Testing; division of CE Power Solutions

Project Profile: After meeting with the client, CE Power provided a detailed project plan which met the project time challenges. Direct roll-in replacement circuit breakers were fully tested and installed during scheduled outages. Only one full buss outage was required during 30 unit installation that covered a 3 week period.

Quality Initiatives: CE Power and client discovered mutual improvements during project such as:

- Safety training and PPE
- Racking mechanism improvements
- Maintenance and warranty improvements

