



Innovative electrical solutions for a safe and reliable future.



CE POWER SOLUTIONS FAMILY OF COMPANIES

- CE Power - Kentucky
- CE Power - Florida
- CE Power - Tennessee
- Hope Engineering - Michigan

3rd Party NETA Independent Testing Companies

- CE Power - Ohio
- CE Power - Minnesota



www.cepower.net
800.434.0415

Plant Outage Project Profiles

E.ON US

All Kentucky Substations - LG&E and KU - 5 Year Maintenance Contract

- 28 full time engineers and technicians provided maintenance and new equipment installations for substations and generating facilities through 345kV
- Equipment included HV, MV and LV circuit breakers, MV and LV switchgear, power transformers, reclosers, bus, support structures, protective relaying
- Activities involved new equipment installation and commissioning, troubleshooting/correcting problems, maintenance (predictive, preventive, corrective, and emergency)

East Kentucky Power (EKP)

Power Plants: Spurlock

- Annual testing and maintenance of Units 2 and 3 for Spring outage
- 480V and 5kV vacuum circuit breakers

E.ON US

Power Plants: Ghent, E.W. Brown, Cane Run, Green River

- Routine Maintenance during unit outages, predictive, preventive, corrective, and emergency maintenance
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

American Electric Power (AEP)

Power Plants: Tanners Creek, Mountaineer, Picway, Conesville, Sporn, Ceredo, Waterford

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

Mississippi Power

Power Plants: Plant Watson

- Hurricane response: Repaired and rebuilt switchgear following massive flooding
- (132) medium voltage circuit breakers and switchgear: onsite retrofit of breakers and rebuilding cubicles
- (200) low voltage circuit breakers and switchgear: onsite retrofit of breakers and rebuilding cubicles

Western Kentucky Energy (WKE)

Power Plants: Reid

- (32) 15KV circuit breakers and switchgear: onsite retrofit of breakers and rebuilding cubicles, re-insulating of main bus, rebuilding circuit breaker vertical lifting mechanism, re-pitching all bottles

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(continued)

Florida Power and Light (FP&L)

Power Plants: Turkey Point, Port Everglades, Martin, Sanford

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

Progress Energy

Power Plants: Crystal River, Bartow, Anclote

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

Vectren

Power Plants: Alcoa Warrick Plant

- Routine maintenance on 138kV circuit switchers, 138kV oil circuit breakers, 15kV oil circuit breakers
- Generator breaker testing, contact resistance, timing test, hi-potential test, installed new blast valve seals
- Replaced all transformer fans, pumps and all associated wiring

Next Era (FPL Energy)

Power Plants: Calhoun, Segs, Blythe

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

Northern Star Generation

Power Plants: Vandolah

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

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(continued)

Children's Medical Center

Cincinnati, Ohio

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

PPG

Delaware, Ohio

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

Rohm and Haas

Louisville, Kentucky

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

Lockheed Martin

Vandenberg AFB, California

- Routine maintenance during unit shutdowns, predictive, preventive, corrective, and emergency services
- Equipment included medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involved new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

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