

# Power Plant Project Profiles



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

## **E.ON US**

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

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

## **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 includes medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involve 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 includes medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involve 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, install new blast valve seals
- Replace all transformer fans, pumps and all associated wiring
- Onsite re-gasket of 138kV transformer
- Maintenance and Commissioning 500kV GSU transformer

## **Mississippi Power**

Power Plants: Plant Watson

- Hurricane response: Repair and rebuild of switchgear following massive flooding
- (132) medium 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

## **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 includes medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involve new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts

### **CE POWER SOLUTIONS FAMILY OF COMPANIES**

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### **Independent 3rd Party Service Providers**

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**Satellite Service Center Location**  
Alabama

### **Progress Energy**

Power Plants: Crystal River, Bartow, Anclote

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- Equipment includes medium voltage switchgear and circuit breakers, low voltage switchgear and circuit breakers, power transformers, protective relaying calibration and testing
- Activities involve new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts
- 115KV Transformer maintenance: re-gasket, dehydration, degasification, oil processing, re-commissioning

### **Next Era (FPL Energy)**

Power Plants: Calhoun, Segs, Blythe

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

### **Children's Medical Center**

Cincinnati, Ohio

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

### **Lockheed Martin**

Vandenberg AFB, California

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- Activities involve new equipment installation and commissioning, upgrading of existing equipment, troubleshooting/correcting problems, repair and replacement of defective parts