



*Our mission is to be the preferred engineering solutions provider without compromising on quality, integrity, and professionalism.*

# LET'S MAKE IT HAPPEN!

What can Power Engineering Services, Inc. do for you?

## **WHY WORK WITH PES?**

Power Engineering Services, Inc. (PES) is one of the few certified small and woman-owned NETA accredited testing firms. Our wide array of services combined with our quality and expertise since 1993 has led us to become one of the leading sources of NETA testing and Engineering Services in Texas.

## **SERVICES WE OFFER:**

- NETA Electrical Testing
- Lab Testing, including Custom Grounds creation
- Breaker Shop Services, Custom Control Panels, Custom Bussing Modifications
- MV Cable Terminations and Splices
- Fiber Optic Cable Terminations and Splices
- Electrical Design Services

**CONTINUED ON BACK OF PAGE...**

**QUALITY | INTEGRITY | PROFESSIONALISM**

# SERVICES



## ENGINEERING SERVICES

- Power System Studies
- Short Circuit & Coordination Studies
- Arc Flash analysis with labels
- Load Flow Analysis
- Motor starting studies
- Harmonic Analysis
- One-line Development
- System Failure Analysis

## MAINTENANCE SERVICES

- Substation Testing
- LV Breaker Test, Rebuild, & Retrofitting
- MV Breaker Test & Rebuild
- OCB Rebuild
- OCB & SF6 Breaker Testing

## PREVENTATIVE MAINTENANCE

- Infrared Surveys
- Transformer Oil Testing
- Equipment Inspections

## ON-SITE TESTING, MAINTENANCE, & INSPECTION

- LV, MV, HV Circuit Breaker Test, Troubleshooting, & Repair
- Protective Relay Testing
- OCB & SF6 Test & Repair

## ROTATING EQUIPMENT

- Motor Starters
- Motor Control Buckets
- Doble Power Factor Testing

## UPGRADE & MODIFICATION

- LV Breaker Retrofitting
- Switchgear Field Additions
- Rental & Exchange Breakers

## COMMISSIONING & START-UP

- Acceptance Testing
- (Commercial, Industrial, Utility, & Co-Generation Plants).
- Vacuum Breaker Replacement
- Grounding Systems
- SCADA
- Automated Systems

## POWER QUALITY SERVICES

- Power Quality Analysis
- Power System Monitoring
- Energy Audits
- Predominate-Use Studies

## TRANSFORMER SERVICE

- Oil De-Gas, Vacuum Fill, & Storage Capabilities
- On-Site Repair & Testing
- Load Tap Changer Repair
- Oil Testing & Filtering
- Dehydration Breathers

## BATTERY & UPS SYSTEMS

- Automatic Transfer Switch Maintenance
- Cell Maintenance
- Load Testing
- Charger Inspection & Testing

## INFRARED SURVEYS

- Certified Thermographers
- Electrical & Mechanical

## SUBSTATION MAINTENANCE CONTRACT

- Review & Evaluation Programs
- Monthly Inspections
- Quarterly & Annual Scheduled Preventative Maintenance Programs
- Battery Systems Testing, Repairs, & Maintenance
- Rental & Exchange Breakers

## EMERGENCY RESTORATION SERVICES

- 24 Hour On-Call Response
- Emergency Field Repairs
- Spare Equipment Inventory
- Sheet Metal & Bus
- Fabrication Services, Rental & Exchange Breakers

## DISASTER RECOVERY SERVICES

- Standby Generation
- Bus Fabrication

## CABLE SERVICES

- MV Cable Terminations and Splices
- Fiber Optic Terminations and Splices
- AC and DC Cable Testing
- 60HZ MV Partial Discharge Testing
- Pfisterer Cable Terminations
- IV Curve Testing



24 HOUR SERVICE/365 DAYS  
1.800.390.7951  
[www.pe-svcs.com](http://www.pe-svcs.com)