



POWER CRITICAL SERVICES



Power Critical Services is **committed to excellence in service**. Our leadership has over 100+ years of combined expertise. We have Sr. Level technicians on our team with over 30+ years of experience. We also have technicians that hold advanced certifications such as NETA III and IV certifications. We have extensive talent and can field all of your service needs. We also hold professional engineering licenses for most states.

Within our family, we have multiple locations that can suit your needs. We can travel anywhere, including off shore and internationally.

We strive to be the best company in the electrical power distribution services market – **providing an unprecedented service to our customers**.



Markets Served

- Industrial
- Petrochemical
- Data Centers
- Utilities
- Commercial
- Pulp & Paper

CLIENT BENEFITS:

- 1 Committed to providing high-quality service without sacrificing safety
- 2 Strong focus to provide unprecedented service to our clients
- 3 Vast industry knowledge and experience



CAPABILITIES OVERVIEW

Power Critical Services is led by a team with **over 100+ years of combined experience**. Our extensive capabilities range from performing NETA acceptance testing services, NETA maintenance testing services, apparatus repairs, transformer repairs and oil handling, and more. **From engineering to testing services, our team is equipped to meet your needs.**



ENGINEERING SERVICES

- Arc Flash Studies: Complete arc flash studies per NFPA70E and IEEE1584 requirements utilizing SKM, Easy power, ETAP, etc.
- Arc Flash Mitigation: Are your protective devices properly coordinated? Do they trip in proper sequence?
- Equipment Evaluation
- Ground Grid Design
- Harmonic Studies
- Load Flow Studies
- Motor Starting and Stability Studies
- NERC/FERC – Utility Reliability Standards
- Predominant Use Studies
- Power Factor Studies
- Power Quality Site Surveys and Disturbance Monitoring
- Protection & Control Design
- Protective Relay Scheme / Upgrades
- Protective Device Coordination Studies
- Short Circuit Studies
- Single Line Diagrams
- Transient Stability Studies

FIELD SERVICES

- Acceptance Testing
- Maintenance Testing
- Breaker Testing, both Primary and Secondary
- Injection Testing
- Cable Fault Locating Services
- Cable Testing
- Ground Fault / Ground Systems
- High Voltage Substation Services
- Instrument Transformers
- Low / Medium and High Voltage Breaker Testing
- Metering Systems / Applications
- Motor / Generator Testing
- Oil Processing and New Transformer Dressing Services
- Predictive / Preventative Maintenance
- Protective Relay End-to-End Testing
- Switchgear / MCC / Substation / Panelboards
- Thermal Infrared Scanning
- Transformer Testing LV, MV and HV
- Transformer repair / leak repairs