

Electrical Maintenance & Engineering Services

500KV-480V

Project Management

- Turnkey Power Distribution/Engineering Projects
  - Power Additions from Small Feeder Expansions to Complete Greenfield Primary Substations
- Power Plant Installations
- Control and Metering Systems
- Power Management Systems

Power Systems Engineering

- Power System Consultation
- Power System Audits
- Power System Studies
  - Protective Device Coordination
  - Short Circuit / Load Flow Analysis
  - Power Factor Correction
  - Harmonics Analysis
  - Transient Analysis
  - Arc Flash Studies / Labels
- Switching Procedure Development
- NERC Preparations and Adherence

Transformer Oil Processing

NEW State-of-the-Art 480-2040 GPH Oil Processing Rig

- Dry Out/De-Gas Oil Circulation
- Vacuum Fill for New/Repairs
- Onboard Dry Breathing Air/ Nitrogen Generation
- On-line Dew Point/Moisture/Dielectric Monitoring

Training

- Qualified and Awareness High Voltage / Low Voltage Electrical Safety - NFPA 70E and OSHA 1910.269
- Site Specific Substation Safety

Commissioning/Acceptance Testing

- True 3rd Party Acceptance Testing - HV / MV / LV
- Equipment Installation Inspections and Testing
- MV/LV Roll-in Replacement Upgrades & Installations
- ABB OEM Authorized Service Provider

Transformer Services

- Transformer Consultation
  - Power Transformers
  - Arc Furnace Transformers
- Power Transformer Projects
  - Installations
  - Environmental/Age/Condition Based Replacements
  - Internal Inspections /On Site Repairs
  - Bushing-Pump-Radiator Replacements, Upgrades and Redesigns
  - Relocations
- Service for all Transformer Manufacturers
- LTC Maintenance and Repair/ Rebuilds/ Replacements
- Transformer Repair and Rewinding
- Transformer Dress Out/Regasketing
- doble Power Factor Testing/SFRA
- Oil Sampling and Analysis

Substation / Switchgear Services

- Service for all Switchgear Manufacturers
- Custom Preventative Maintenance Programs
- Shutdown / Outage Maintenance
- Thermographic Inspection and Analysis
- Complete Testing and Repair
  - Relays (doble / Protection Suite), Switches, Cables, Bus, Transformers, Starters
- Circuit Breakers & MCC's
  - All Manufacturers
  - Low Voltage Trip Unit Retrofits
  - Medium and Low Voltage Remanufacture
  - OEM Vacuum Replacements
  - Recloser Services and Remanufacture
  - Matching Line Up
- OCB / SF6 / GIS Maintenance, Repair & Rebuilds
  - Including doble Time/Travel
- Power Factor System Installations

Visit us at **IETSPower.com** or E-mail us at **Mail@IETSPower.com**

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Small Business SBE CERTIFIED ENTERPRISE

REV. 10/30/26