



# IETS

## Electrical Power Engineering & Maintenance Service Specialists

345 KV — 480 V

### 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
- Switching Procedure Development
- NERC Preparations and Adherence

### Substation/Switchgear Services

(All Equipment Manufacturers)

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

### Transformer Services

(All Equipment Manufacturers)

- Transformer Consultation
  - Power Transformers
  - Arc Furnace Transformers
- Power Transformer Projects
  - Installations
  - Environmental/Age/Condition Based Replacements
  - On Site Repairs
  - Bushing Replacement/Upgrades/Redesigns
- Maintenance and Service for all Transformers
- LTC Maintenance and Repair
- Transformer Repair and Rewinding
- Transformer Dress Out
- Oil Processing and Analysis
- doble Power Factor Testing

### Training

- High Voltage Electrical Safety
- Substation Maintenance and Troubleshooting
- Substation Safety

### Commissioning/Acceptance Testing

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

### Contact Us

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**EMERGENCY 24/7 SERVICE NUMBER**

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