

Power Testing Solutions



Get expertise, teamwork and solutions every time you choose

Tri-City Electric Co.

Your company depends on a reliable and efficient electrical distribution system every day. When problems arise or maintenance is required, you need total confidence that your electrical contractor has the right solutions for your system and will get the job done right. That is the way Tri-City Electric has been doing business since 1895.

CONFIDENCE DELIVERED.®



Tri-City Electric Co.
Since 1895

Experienced in power testing solutions.

Tri-City Electric Co. has the expertise and the hands-on experience to keep your power distribution system running at maximum efficiency. We can help you solve your electrical problems — and even better, we can anticipate and prevent problems before they even develop.

“Tri-City Electric Co. made great recommendations and really understood the way we operate. They really helped us make the best decisions, not just in terms of cost but also functionality.” — Tom Risse, Electrical Engineer of Special Projects, Cedar Falls Utilities, Cedar Falls, IA

AREAS OF EXPERTISE

• Substation Services

- NERC Compliance Testing
- Commissioning
- Protective Relay Calibration/Testing
- Preventative Maintenance
- HV Cable Termination Services
- Online Partial Discharge Detection
- Infrared & Ultrasonic Surveys
- Scheduled Inspections
- Complete Design & Assembly

• Transformer Services

- SPR/RPR Compliance Testing
- Oil Sample Analysis
- Life Cycle Diagnostic Studies
- Failure Analysis
- Vacuum Filling & Oil Conditioning
- Oil Leak Repair
- Conservator & Radiator Assembly
- LTC Maintenance & Repair
- Bushing Replacement
- New, Used, or Reconditioned Units

• NETA Power Testing (HV)

- Power Transformers
- Instrument Transformers
- SF6/Oil Circuit Breakers
- Shielded Cables >35KV (VLF)
- Capacitor Banks
- Inductive Reactors
- Voltage Regulators
- Disconnect Switches
- Bus Assemblies

• NETA Power Testing (MV)

- Switchgear
- Generator Windings
- Shielded Cables <35KV (VLF)
- Vacuum/Air Circuit Breakers
- Vacuum/Air Starters & Contactors
- Iso-Phase & Segmented Bus Duct
- Harmonic Filters
- Disconnect Switches
- Motor & Control Systems
- Rectifiers
- Transformers

• NETA Power Testing (LV)

- Switchgear
- Oil & Dry Type Transformers
- Generator Windings
- Circuit Breakers & Starters
- Motors & Motor Control Centers
- Distribution Panels & Load Centers
- Transfer Switches & Controls
- Bus Duct, Cables, and Equipment

• Reconditioning Services

- Low, Med, & High Voltage Breakers
- Low, Med, & High Voltage Switchgear
- Low & Medium Voltage Bus Duct
- Low & Medium Voltage Starters
- Low & Medium Voltage MCC

• Power Monitoring Solutions

- Online Power Quality Analysis
- System Design & Installation
- System Administration
- Training
- Existing Equipment Integration
- Reporting and Analysis

• Specialty Services

- High Voltage Pfisterer Terminations
- Quality Control & Project Supervision
- Maintenance Program Management
- MV Motor Control System Solutions
- Arc Flash Mitigation Design
- Electrical Damage/Loss Estimates
- Disaster Recovery Services
- NEC Deficiency Studies
- Critical Outage Planning
- Safety & Arc Flash Training



Find out how you can get **CONFIDENCE DELIVERED®** on your next project.
Go to www.tricityelectric.com or call 563.322.7181.

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BBB serving Greater Iowa
Quad Cities and Siouxland Region