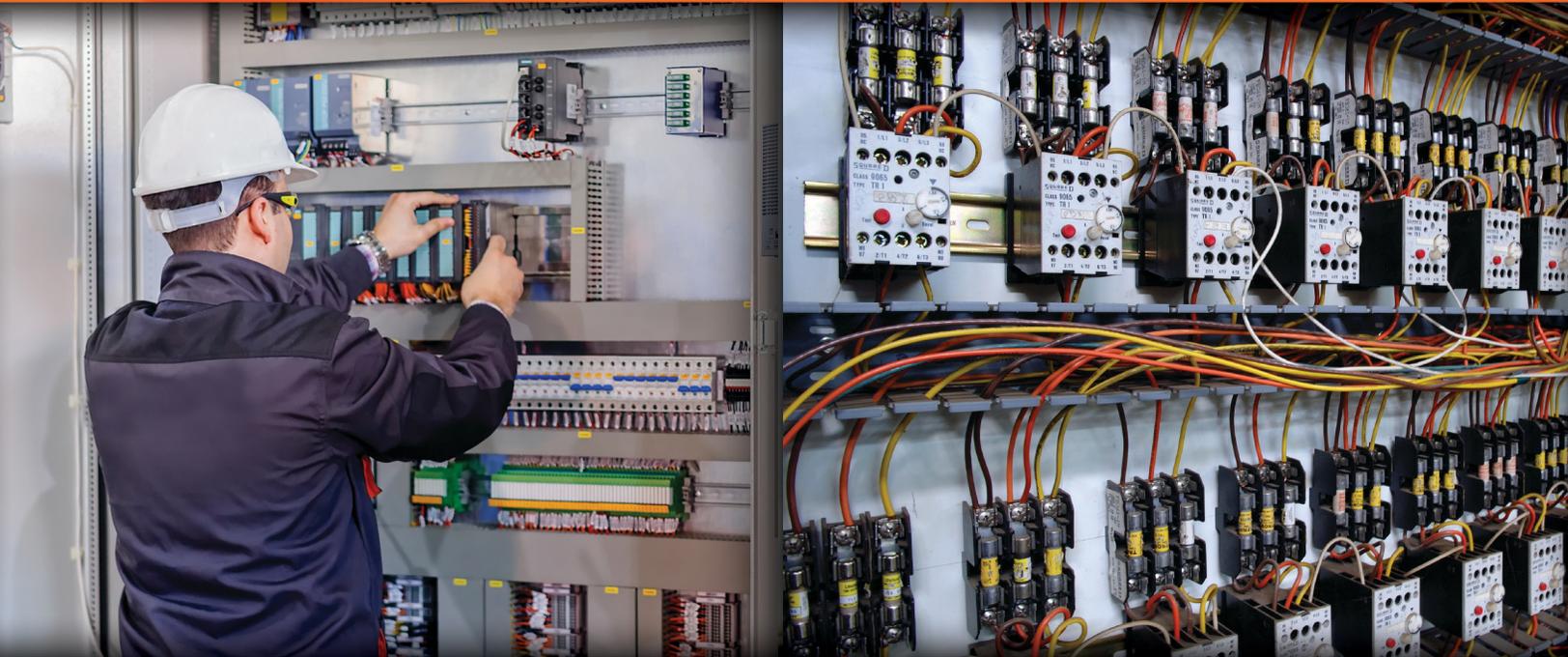


# Engineered Solutions, Eastern Region



Get experience, knowledge and skills every time you partner with

**Tri-City Electric Co.**

Your power and control systems are among the most crucial elements to the success of your company. More than anything, you want an electrical contractor that gives you the confidence they will have the right people, right knowledge and right solutions. Since 1895, Tri-City Electric Co. has been getting the job done for our customers. You can depend on our Engineering & Integration division to do the same for you.

**CONFIDENCE DELIVERED.®**



**Tri-City Electric Co.**  
Since 1895

# Engineered Solutions, Eastern Region

## Experienced in engineering & integration.

Tri-City Electric Company's Engineering and Integration division has in-depth knowledge and years of proven experience in the design, build, and integration of complex power distribution applications and control systems.

*"Tri-City Electric Co. was a group that could come in and they could handle everything from start to finish... which was very impressive." – Project Manager, ADM Grain Corporate, Galveston, TX*

### AREAS OF EXPERTISE

#### Power System Analysis & Design

- Industrial/Commercial System Design
- Short-Circuit and Coordination Analysis
- Load Flow Analysis
- Arc-Flash Hazard Analysis & Mitigation
- Utility & Industrial System Protection
- Industrial SCADA Design
- Power Metering and Monitoring Solutions
- Protective Relay Design, Settings, & Programming
- Energy Management Automation
- Renewable Energy Systems
- Power Quality Solutions
- Power System Documentation
- Low & Medium Voltage Equipment Specification & Evaluation

#### Automation & Control Systems

- Design & Functional Specification
- Machine/Process Control Upgrades
- Project Engineering & Management

#### PLC / PAC Programming & Configuration

- Allen-Bradley, Siemens, GE, Schneider
- Legacy PLC Upgrades & Conversions

#### Operator Interface Design & Programming

- Allen-Bradley, GE, Siemens
- FactoryTalk ViewSE, GE iFIX, Wonderware, VB, .Net
- FactoryTalk Optix
- Schneider StruxureWare Power Monitoring Expert

#### Motor Control

- Variable Frequency Drives
- Motion/Servo Control
- MCC/IEC/NEMA Motor Starters

#### Control Panel Design & Fabrication

- Power Distribution Enclosures
- PLC/Automation Enclosures
- Operator Interface Consoles
- Motor Control Center Customization
- UL 508A Panel Shop

#### Control System Documentation

- AutoCAD Computer Design, BIM
- Electrical Schematics
- Enclosure Layouts
- Operation/Maintenance Manuals

#### Installation & Commissioning Support

- Installation Specifications
- Cable/Conduit Schedules
- Project Management
- Engineering Troubleshooting & Maintenance Support Services

#### Markets

- Auto
- Cement & Aggregate
- Food & Beverage
- Manufacturing
- Metals
- Municipal
- Water/Wastewater



Tri-City Group

### ENGINEERED SOLUTIONS FROM A NAME YOU CAN TRUST

Tri-City Electric is part of Tri-City Group, an experienced contracting firm with a known reputation for quality and success dating back to 1895. With the foundation of Tri-City Group, you get the confidence and backing of the Tri-City name, with the specialty and expertise of years of engineered solutions and services.

Find out how you can get **CONFIDENCE DELIVERED®** on your next project.  
Go to [www.tricityelectric.com](http://www.tricityelectric.com)

