Engineering & Integration

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

Engineering & Integration

Experienced in engineering & integration.

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

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
- Robotic Palletizing Systems
- Integration Support Solutions
- Industrial Robots & Cobot Solutions
- Machine Tending Robot & Cobot Cells

PLC / PAC Programming & Configuration
- Allen-Bradley, Siemens, GE, Schneider
- Legacy PLC Upgrades & Conversions

Visualization
- 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

Machine Vision & Bar Code
- Design, Configure, Program
- Cognex, Keyence

Control Panel Design & Fabrication
- Power Distribution Enclosures
- PLC/Automation Enclosures
- Operator Interface Consoles
- Motor Control Center Customization
- UL508A 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

Industries
- Automotive
- Chemicals & Plastics
- Food & Beverage
- Grain Handling
- Industrial Automation
- Material Handling
- Metals
- Power & Energy
- Robot & Cobot Solutions
- Water & Wastewater

Tri-City Group

ENGINEERING & INTEGRATION 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 engineering and integration services.

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

Rockwell Automation
Recognized System Integrator