A safe, reliable, and efficient power infrastructure is critical to the success of your business. From its core competency of electrical and communication systems, Miller Electric Company provides innovative solutions for its clients to help them reach their strategic goals, not just their facility needs. Partnering with the industry’s leading manufacturers, engineers, and distributors, Miller Electric provides turnkey solutions for your energy infrastructure so that you can stay focused on your business. Whether you are embarking on a new construction project, modernizing your facility, or improving your energy efficiency, our expert project managers and highly skilled technicians give you the power to succeed.

Miller Electric has expanded its capabilities over the years to serve a wide range of customers on a variety of markets including:

- Healthcare
- Commercial
- Industrial
- Governmental & Institutional
- Entertainment & Hospitality
- Integrated Systems
- Intelligent Transportation

**TYPICAL PROJECTS**

- Installation of electrical infrastructure in new construction
- Electrical infrastructure additions for building expansion
- Service and equipment replacement
- Switchgear and infrastructure upgrades and expansions
- Generator and UPS installations and additions
- Installation of power monitoring solutions
- Energy savings initiatives
- Solar photovoltaic design and installation

**PROJECT MANAGEMENT**

- Turn-Key Solutions
- Design-Build Services
- Customer Training
- Project Financing

**ENGINEERING SERVICES**

- Building Information Modeling
- Project Engineering
- Arc Flash Analysis
- Power Quality Analysis
- Circuit Loading Study
- Coordination Study
- Equipment Start-Up & Commissioning
- Method of Procedure Design
From the largest project to the smallest service call, comes the experience, pride, and dedication that has made Miller Electric's reputation what it is today. Completing a job is not just bringing it in on time and under budget, but completing it with the Miller quality and customer satisfaction guarantee.

SUSTAINABILITY SERVICES
- Energy Auditing
- Energy Savings Planning
- LEED Planning
- Lighting Retrofit
- Renewable Energy Systems
- Hydrogen Fuel Cells

MAINTENANCE/MONITORING/ANALYSIS
- Preventative Maintenance
- Infrared Imaging
- Monitoring Systems
- Power and energy monitoring of load draw, kVA, kWHrs, Volts, Amps, Frequency, Power Factor, Energy Costs
- Dynamic PUE and DCiE metric monitoring
- Environmental Monitoring
- Capacity Management
- Asset Reporting/Tracking
- Generator & UPS Maintenance
- Breaker Testing
- Fuel Testing
- Disaster Recovery Services
- 24/7 Support

PRE-FABRICATION
- Indoor Assembly
- Secure Insured Storage
- Computer Controlled Inventory
- Relay Cabinets
- Disconnect, Transformer/Panel Prewired Assemblies
- Underground Electric Panel Assemblies
- Transformer Stands
- Pole Bases
- Power & Systems Stub Up
- Supports/Brackets for Tray & Conduit
- Trapeze Brackets for Cable Tray/Conduits
- Modular Electrical Rooms
- Coordination of Multi-trade for Prefab
- Modular Power House
- Modular Data Centers
MILLER ELECTRIC CRITICAL POWER

- Turnkey installation of critical power systems, including generators, and UPS systems
- Maintenance services
- More than 50 data center projects since 1990
- Project locations include: Florida, Georgia, Virginia, North Carolina, South Carolina, Texas, Arkansas, Illinois, Maryland, Pennsylvania, Kentucky, and Arizona
- Specialization in construction and renovation of data center facilities
- Critical Facilities ongoing maintenance of all Data Center Components (Turnkey Preventive Maintenance)
  - Generators
  - UPS modules and equipment
  - PDU’s
  - Switchgear
- Infrared Imaging-Predictive Maintenance
- Repair & Troubleshooting
- Fuel Services/Periodic Tank Cleaning
- Onsite Maintenance Staffing
- 24-Hour Emergency Service
MILLER ELECTRIC INTEGRATED SYSTEMS

- Designing, installing, and maintaining network infrastructures since 1972
- Latest technology in Optical Fiber, High Speed Copper, as well as Wireless, Satellite, and Microwave strategies
- BICSI Certified Registered Communications Distribution Designers (RCDD)
- RCDD/LAN Specialists
- CCNAs
- Structured Cabling Systems
- VoIP Integration
- Project management
- Project design CAD/BIM documentation
- Cabling system database implementation and management
- Specification & RFP Development
- Surveillance & Access Control
- Wireless Integration
- Server and desktop support
- Nationwide roll-out support
- System analysis and testing
MILLER ELECTRIC COMPANY

MILLER ELECTRIC HEALTHCARE

- Maintenance & Repairs
- Design & Construction
- Integrated Systems
  - Security
  - Fire Alarms
  - Nurse Call
  - Telephone
  - Access Controls
  - Wireless Access Points
  - Data
  - CATV
  - Physiological Monitoring/Patient Monitoring
- Energy Analysis & Reduction
- Budget & Systems Forecasting
- Disaster Recovery & Emergency Systems Support
- Training
- Outsourcing Support
- Coordination Studies
- Facility Assessment
- Power Distribution
- Power Generation
- Surge & Lighting Protection
- 3D/4D Modeling
- ARC FLASH Studies
- Fault Current Analysis
MILLER ELECTRIC COMMERCIAL CONSTRUCTION

- Electrical construction and repair
- Maintenance services
- Specialty systems
- Site Lighting
- UPS and Generator installation and maintenance
- Communications systems and services
- Fire protection systems
- Control systems
- Data Centers
- Commissioning
- Quality Planning and Assurance
- Equipment and Material Procurement
- Project Scheduling
- Design Build services
- Design Assist services
- Low Voltage systems
- Medium and High Voltage line/underground services
- Solar Power Systems
- CAD-BIM
- Infrared Thermal Imaging
- Service and Maintenance
MILLER ELECTRIC INDUSTRIAL DIVISION

- Power plants
- Paper mills
- Steel mills
- Food and beverage processing Facilities
- Warehouse and distribution
- New construction / repair /Renovation
- Maintenance services
- Specialty systems
- Site Lighting
- UPS and Generator installation and maintenance
- Communications systems and services
- Fire protection systems
- Control systems
- Commissioning
- Equipment and Material Procurement
- Design Build services
- Design Assist services
MILLER ELECTRIC SECURITY SOLUTIONS

VIDEO CAPABILITIES
- Conversions from Analog to IP Systems
- IP and Network Camera Systems
- Wireless Camera Systems
- Analog Camera Systems
- From Single Camera Systems to Enterprise

ACCESS CONTROL
- From Single Door Solutions to Enterprise Grade
- IP Based Options
- Wireless Options
- Standalone Options (no head end)
- Integrated Locks and Lock Down Systems
- Sensor Based Systems

VISITOR MANAGEMENT
- Scalable Options for Different Needs
- Network Based for Several Versions of Background Reviews
- Badging Stations
- Integrated Cameras for Badging
- Intercom Systems

MASS NOTIFICATION
- Network Based for Several Versions of Background Reviews
- Badging Stations
- Text, Email and Loud Speaker Mass Notification
- Pre-created and Recorded Voice Messages
- Zone Dependent or Entire Campus Alerts
- Mustering Features, Know that all of your Employees/Customers are Safe
- Plan of Action in Emergency Situations

INTEGRATION
- Integration of Access Control, Mass Notification, Burglar Alarms, and CCTV to Create a Unified Security Desk
- Support for the Systems and Updates as Needed
- Trouble Shooting and Custom Design
MILLER ELECTRIC ENERGY SOLUTIONS

FACILITY ASSESSMENT
- Energy Auditing
- Arc Flash Studies
- Infrared Imaging
- Power Quality Analysis
- Circuit Loading Studies
- Electrical Safety Assessment

DISTRIBUTION POWER GENERATION
- Combined Heat and Power
- Micro Generation
- Hydrogen Fuel Cells
- Solar Photovoltaic Systems

EFFICIENCY THROUGH INTELLIGENCE
- Energy Monitoring
- LED Lighting
- Lighting Controls
- HVAC Controls
- Building Management Systems
- Environmental Monitoring
- Sub-metering
MILLER ELECTRIC CIVIL/TRANSPORTATION

- INTELLIGENT TRANSPORTATION SYSTEMS (ITS)
  - CCTV Assemblies
  - Dynamic Message Signs
  - Highway Advisory Radios
  - Weather Information Systems
  - Vehicle Detector Systems
  - Electronic Tolling Systems

- SIGNALIZATION
  - Mast Arm and Span Wire Systems
  - Traffic Loops
  - Optical Detectors/Video Detection Systems
  - Stand Alone Signalization
  - Traffic Signal Controllers and Assemblies
  - Fiber Optic Interconnection
  - Traffic Infraction Detection Systems

- HIGHWAY AND ROADWAY LIGHTING
  - Highway Sign Lighting
  - High Mast Lighting
  - Conventional Lighting
  - Navigational Lighting
  - Bridge Lighting
  - Lighting Electrical Load Centers
  - Electric Manhole & Duct Banks

- PREPASS FACILITIES
  - Transponder
  - Ticket Counter
  - Weigh In Motion Systems
  - Facility Load Center