

Electrical Services

Contracting

Since 1996, EC&M has provided the Mid-Atlantic region with a variety of electrical solutions, from standard commercial projects to a long list of sophisticated applications. A listing of these services are below:

Building Systems

- Custom Control Panel Design and Construction
- Industrial Electrical Equipment Power and Controls Wiring
- Indoor Lighting Systems
- Exterior Lighting Systems
- General-Purpose Power Distribution
- Industrial Controls and Automation Systems
- Stand-by and Prime Power Generator Installations
- Control System Design
- Machine, Process, and Facility Control and Automation
- PLC Control Systems, Networking, and HMI (Human-Machine Interfacing)
- Retrofit and Upgrade of Existing Control Systems
- Troubleshooting and Repair
- Emergency Power Systems
- UPS Systems

Power Distribution Systems

- Electrical Switchgear and Equipment
- 100% Redundant Power Distribution Systems for Critical Applications
- Low and Medium Voltage Power Distribution Design and Installation

- 600 Volt, 5KV, 15KV, and 25KV Power Distribution Systems

Other Services

- Load Shedding / Sharing
- Lighting Efficiency Analysis / Retrofit
- Distribution System Surveys and Mapping
- Efficiency Analysis of Distribution Systems
- Power Quality Monitoring
- Arc Flash Studies
- BISCO Certified Structured Cable Installation

