



Electrical System Design

Our electrical engineers conceptualize and develop safe, reliable, and cost-efficient electrical systems that provide reliable power and support the future growth of the project. Our designs of electrical lighting and control systems are user-friendly, energy-efficient and contribute to reducing the building's carbon footprint.

Our electrical engineering team proactively interfaces with the client and project team members on new construction, renovation and analytical projects, to create coordinated design packages.

Demonstrated through our experts' project experience, we distinguish ourselves by recognizing that to reach clients' goals, we must understand the big picture while maintaining strong attention to detail. We produce sustainable designs that not only meet and exceed minimum energy codes, but go beyond to take advantage of modern technological integrations that support our data-driven design philosophy.

Our engineers understand that the electrical systems form the foundation that makes the project come to life. We balance the rigorous requirements of life safety and code compliance with practicality and aesthetic considerations to deliver a design that supports the life of the project and delivers our clients' vision.

SERVICES PROVIDED:

- Medium and Low Voltage Distribution Systems
- EV Charging Stations and Infrastructure
- Solar PV Systems
- Facility Assessments
- Uninterruptible Power Supply
- Emergency/Standby Generation
- Tele/Data Horizontal Cabling
- Grounding and Lightning Protection Systems
- Short-circuit, Arc Flash and Coordination Studies
- Communication System Infrastructure
- Fire Alarm Systems
- Security Infrastructure
- Nurse Call Systems
- Specialty Systems

REPRESENTATIVE MARKETS

Including but not limited to:

- Healthcare
- Clean Manufacturing/Rooms
- State/Federal Government
- Public Safety/Municipal/Land Ports of Entry
- Data Centers
- Waterfront/Marine
- Water/Wastewater Pump Stations
- Higher Ed/K-12 Education
- Multi-family Residential
- Commercial Buildings
- Commercial Kitchens/Restaurants

