

Dynalectric Los Angeles

A Total Electrical Construction,
Engineering, Facilities, and Energy
Services Company.

Providing clients full-service electrical preconstruction and construction services, including electrical systems design, alternative energy and energy-management systems, technology services, and facilities-maintenance services.



Dynalectric L.A.

A Division of KDC Inc.
An EMCOR Company



Infinite Electrical Solutions. From a Single Source.

Markets served:

- » **Commercial**
 - TI
 - Office Buildings/Real Estate
 - Retail
- » **Higher Education**
- » **Healthcare/Biotech**
 - Hospitals
 - Labs
 - Pharmaceutical
- » **Transportation**
 - Port/Container Terminal
 - Airport
 - Traffic Signals/Street Lighting
 - Subway
- » **Entertainment/Hospitality**
 - Casinos
 - Hotels
- » **Manufacturing/Industrial**
 - Food Processing
 - Power Plants
 - Conveyor Systems
 - Water/Wastewater
- » **Public/Government**
- » **Mission Critical/Technology**
 - Data Center
 - Emergency Call Centers
- » **Renewable Energy**
 - Solar
 - Wind
- » **Integration**
 - UL Listed Control Panel Manufacturing
 - Instrumentation and Controls
 - PLC/DCS Design and Programming
 - BMS/BAS Systems



Since 1950, Dynalectric Los Angeles has been providing clients in Southern California with seamless, high-quality electrical contracting services, including low, medium, and high-voltage electrical, communication, and instrumentation services.

By combining extensive professional engineering and project management expertise with a long history of total construction experience, Dynalectric creates innovative solutions that aim to deliver maximum performance and productivity to each and every job.

The Safe Way. The Only Way.

Dynalectric is wholly committed to safety. This commitment is demonstrated by each employee, and through a staff of full-time safety personnel, monthly safety committee meetings, and various safety incentives. These unique program elements have assisted Dynalectric in keeping both the company's OSHA ratio and Experience Modification Rates (EMR) low, giving Dynalectric one of the best contractor safety records in California.

Commercial Electrical Services

For commercial owners and developers, Dynalectric offers comprehensive electrical services to help satisfy the requirements of even the most complex commercial projects—for both new construction projects and renovations. Design-build commercial electrical services include:

- » Building power/lighting systems
- » Commercial energy solutions
- » Energy management systems
- » Emergency power and UPS
- » Lighting control systems
- » Parking lot lighting
- » Security lighting
- » Life safety and security systems
- » Tenant improvement

Industrial Instrumentation, Process Controls, Overhead/Underground Electrical, Lighting Systems

Dynalectric provides electrical distribution, motor control, variable-speed drive, electrical-distribution systems, high-voltage services, and supervisory control and data acquisition (SCADA) systems that drive many industrial applications.

The company also installs high-voltage and low-voltage switchgears, high-voltage cables, and cable trays. Certified technicians and staff can even install, calibrate, test, start-up, and maintain many leading-edge electrical systems to create exceptional responsiveness and increase efficiency and cost control. Overhead/underground electrical systems services include:

- » Complete electrical distribution systems
- » Cable tray installations
- » Instrument calibration services
- » High- and low-voltage switchgear
- » High-voltage services and cabling systems
- » Motor control and variable-speed drive systems
- » Industrial lighting systems
- » SCADA systems
- » Explosion-proof systems
- » Grounding and cathodic protection systems

Transportation

Dynalectric has a division dedicated specifically to the transportation industry and has been a leader in the transportation market since the early nineties. This group provides their expertise in traffic signals, intelligent transportation systems (ITS), fiber optic systems, video detection, and street and park lighting. We provide our services to private developers, cities, counties and state municipalities in the Los Angeles, Orange and Riverside Counties.

Systems Integration

A unique feature of Dynalectric is our KDC Systems group which provides design, engineering and program integration for automation, process control and building management systems. Sophisticated control panels are designed, constructed, programmed and tested in our UL Certified panel shop and shipped nationwide.

A Full Suite of Comprehensive Electrical Services.

Designed With Clients in Mind.

Precon

One of the key components to our success is pre-construction planning. Dynalectric recognizes that preplanning for a project of any magnitude can pay huge dividends by eliminating delays, reducing design conflicts and developing project specific methods for more efficient construction. We embrace the team approach in the development of a comprehensive preplanning package. It is designed to identify potential problem areas to help ensure that the project gets off to a quick and trouble-free start and a well-planned conclusion. Dynalectric incorporates the disciplines of engineering, MEP coordination, budgetary controls, scheduling, prefab and safety in the process to define a project specific plan.

Design/Build

Dynalectric participates in all aspects of the electrical construction industry and therefore we are accustomed to the design and implementation of a wide variety of power, control and communication systems. Because we are an industry leading contractor, our experience affords us the unique ability to create value engineering by introducing cost savings and constructability into a project's design. We tailor the design to the client's needs and budget by offering good, better and best options with the associated cost so that well informed decisions can be made. Together with our consultants, we manage designs for power distribution, emergency and backup systems, lighting and lighting control, automation and control systems, voice and data, multi-media, fire alarm, life safety and security systems.

By combining engineering and construction under one contract, an economy of savings is created in the management structure of the two disciplines. Additionally, time is saved during the design and construction phases since both disciplines are part of the same team. This allows the design to advance to construction more rapidly and creates an environment to quickly resolve construction issues for greater efficiency.

Virtual Design Construction

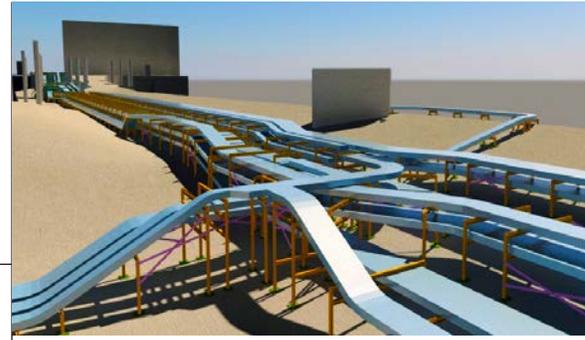
From design development to the final construction documents, our pre-construction group will work with the design and construction teams to provide value engineering assistance and constructability review. Dynalectric fully engages in the coordination process to identify, interpret and clarify matters that can positively or negatively affect the project. The group will help to confirm proper power requirements for equipment, identify control and communication needs and coordinate constructability with other trades through 2D and 3D modeling.

Our pre-construction group routinely works with web based FTP sites and is proficient in the use of Auto CAD, Revit, Navisworks and other software to coordinate our needs with the needs of other disciplines. This advanced method of electronic coordination allows the design/build team to identify conflicts and confirm spatial needs to produce a design that will be efficient to build. The use of Trimble Total Station software and GPS devices allows us to accurately convert the 2D and 3D models to the real world with precision.

Prefab

Prefabrication is the practice of assembling components of an electrical system in a controlled environment, transporting complete assemblies and/ or sub-assemblies to the job site. Dynalectric has developed a proven process for the prefabrication of electrical components for our projects.

The process offers value to projects in many ways such as saving time on the schedule by performing work in advance, reducing on site manpower, reducing trash and storage needs. 3D modeling allows us to precisely fabricate items such as duct bank systems, rack conduit systems, trapeze and supports, seismic supports, bundled conductors, etc. It is a company goal to prefab at least 25% of the work on all projects.



Services

- » Complete Electrical Construction
- » Preconstruction Services
- » VDC/BIM/3D Modeling
- » Design Build/Design Assist
- » Lighting/Lighting Control/ Title 24 Compliance
- » Power and Emergency Distribution
- » LV Systems: Fire Alarm/Nurse Call/ Multi-Media
- » Medium and High Voltage Distribution
- » Cogeneration
- » Integration and Systems Design
- » Network Design and Installation
- » cGMP (Good Manufacturing Practices)
- » Panel Fabrication
- » Instrumentation and Controls
- » Tenant Improvement





Dynalectric Los Angeles

An EMCOR Company

Harnessing the Power of a Fortune 500® Leader

EMCOR Group, Inc. (NYSE: EME) is a Fortune 500® leader in mechanical and electrical construction, industrial and energy infrastructure, and building services for a diverse range of businesses.

EMCOR builds, powers, services, and protects the sophisticated and dynamic systems that create facility environments in virtually every sector of the economy for many of the world's most successful organizations. By planning, installing, operating, and maintaining a wide range of facilities and systems, 33,000+ employees at 170+ locations help clients increase productivity and optimize their businesses.

www.emcorgroup.com



While You Work, Injuries Lurk. Be Vigilant!

Dynalectric Los Angeles believes that safety, quality and productivity need to be integrated in order to correctly support business and provide the expected outcomes for our customers. Every advance in productivity produces a proportional decrease in risk and increase in quality. Reduced risk helps to reduce accidents and an accident free project will be more productive. Our people, from leadership down to everyone in the field, personally challenge the notion that injuries will occur. Our **“Be There For Life!” Zero Accident Program (ZAP)** instills in our employees the conviction that every accident is preventable and ZERO is attainable. With this philosophy and culture in mind, a site specific safety plan is created for each project. Our goal is to have every employee return home after work in the same health that they arrived.

How Can We Help You?

Dynalectric Los Angeles

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