



*Commercial / Industrial*  
*Power Generation, Transmission & Distribution*  
*Healthcare*  
*Traffic Signal, Street Lighting & ITS*  
*Mission Critical*  
*Electrical & Electronic Maintenance*  
*Design Build*  
*Airports & Transportation*  
*Transit*

*E-J Electric Installation Co. (E-J) has provided unparalleled integrity, quality and service in the electrical field since 1899. The company has several electric divisions including power generation, building services, data and communications, transit, roadway and outdoor specialty and the Mutual Electric retail division.*



EST. 1899

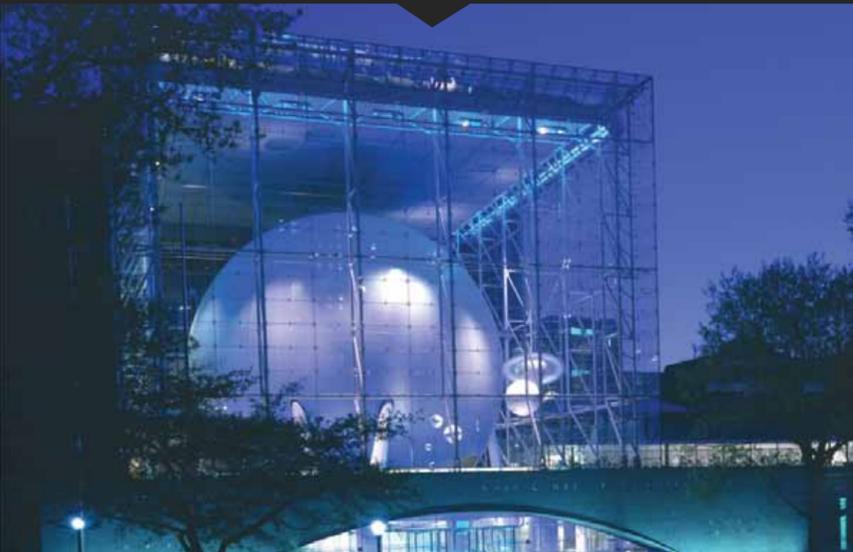
E-J Electric Installation Co. Headquarters  
 46-41 Vernon Boulevard  
 Long Island City, NY 11101  
 (718) 786-9400

[www.ej1899.com](http://www.ej1899.com)



EST. 1899

**E-J Electric Installation Co.**  
**Our Third Century of Excellence**  
*Constructing Electrical Engineers*



## Three Centuries of Leadership in Electrical Construction

Three family generations of practical expertise have created an organization keyed to the most modern technological advances in providing rapid and efficient solutions to today's lighting, power, energy and communication needs.

For more than a century, E-J has earned a reputation for unparalleled integrity, quality and service in the electrical field.

### Jacques Mann

The first of the Mann family involved with E-J Electric Installation, Jac Mann began his career with Walter Kidde Construction as an estimator and construction engineer before joining E-J Electric in 1912. Jac Mann worked as an electrician and received his Electrical Engineering Degree from Cooper Union.

### J. Robert Mann, Jr.

Bob Mann graduated from Yale University in Electrical Engineering. He joined E-J in 1953 after a two year term in the U.S. Army Signal Corps teaching electronics at Officer Candidates School and producing a TV show titled "The Big Picture" at army bases nationwide.

### Anthony Mann

Tony Mann joined E-J in 1986 after receiving an Electrical Engineering degree from Tufts University and an MBA from the Kellogg Business School at Northwestern University.

**1899 E-J Electric Installation Co. Founded** Jack Enright & Theodore Joseph co-founded E-J Electric Installation Co. in New York City during the infancy of the electrical industry, an era of paper and wood-lined conduits and combination gas/electric lighting fixtures.



### 1918 Leader in Entertainment

Jacques Mann develops innovative methods of wiring studios and theatres and is chosen for the design and installation of Paramount Astoria Motion Picture Studio, which will be redesigned forty years later by Robert Mann. E-J assumes industry leadership and is given most of the large East-coast movie studio projects.



**1922 Street Lighting, Yonkers, New York** E-J converts street lamps from gas to electricity and maintains the lighting poles for the town of Yonkers, NY.

## 1899

**1930 Commerce Building in New York City**

**1933 French and British Building at Rockefeller Center**



**1937 National Electrical Code** E-J produces a number of innovative techniques and assists in the development of National Electrical Code rules for such applications.



### 1940-43 E-J Electric's Contributions to the Navy

E-J expands its capabilities to be the leader in ship-building. Its first contract is awarded for four P.C. subchasers with four more following. Despite the tremendous challenges, E-J overcomes the obstacles and is selected to assume the sole responsibility for expanding and building the electrical system for the Landing Ship Tanks program (LST's) at many inland ship-building facilities around the country.

E-J has multiple marine offices at Surgeon Bay, Wisconsin; Louisville, Kentucky; Seattle, Washington and Whitestone, New York, which include many women electricians fabricating sensitive cabling installations.

### 1942 E-J in Mexico

Electrica Mexam, a subsidiary of E-J, is organized to direct and install the electrical system for the largest motion picture studio in Mexico, located in Churubusco, outside Mexico City, which is still operating today.

### 1944 E-J Awarded Five "E" Awards

E-J innovates the use of pressed-steel watertight panels and outlet boxes for weight-savings, which are now widely used by the Navy. E-J is recognized with five "E" awards by the US Navy for its proficiency in completing selected, specific assignments in ship wiring at multiple shipyards in the USA.



### 1950 Electricity for Maximum Security

Projects such as the Brooklyn House of Detention and the Queens Court House and Prison give E-J the responsibility for overall electrical distribution, as well as security systems, tamper-proof lighting, electric control of locks and other unique systems and equipment for prisons and top security institutions.



**1972 Leader in Cogeneration** E-J emerges as a leader in cogeneration and completes turnkey projects for Sealcap Manufacturing in Long Island City and Rockefeller University.

### 1980's MoMA, Rhiga Royal Hotel, AT&T World Headquarters

E-J completes projects for Museum of Modern Art, New York City's tallest hotel—Rhiga Royal Hotel and AT&T World Headquarters, one of the most lavish and noteworthy corporate headquarters in the United States.



### 1990 LIRR Hillside Car Maintenance Facility

Spread over 15 acres, E-J expanded the LIRR Hillside Car Maintenance Facility with signal work, a train-motion detection system, rail lighting, public address system, and DC/AC power systems.

**1992 British Airways at JFK Airport** E-J expanded British Airways' Terminal at JFK Airport with a 5kV substation and power, a broadband LAN, fire alarm, and public address system.

**1962 Unique projects** E-J designs and installs the first USA Sound and Light (Son et Lumiere) presentation at Independence Hall in Philadelphia and wires the original Neo-Natal Intensive Care Unit at New York Hospital.



### 1964 New York World's Fair

E-J performed the electrical installation at the Hawaiian Exhibit and several other exhibits. We worked closely with the Hawaiian Government to enhance the entry to the exhibit so they would get more exposure from the public.

### 1970's Airline Reservations and Train Stations

E-J becomes the expert electrical contracting firm in the US on installing nation-wide computerized reservation systems for airlines in 120 cities. During this period, E-J also performs the complete construction of major 13KV substations along the North Shore of Queens and Long Island for uninterrupted power on the LIRR.



**1970's Hospitals and Healthcare Facilities** E-J installs electrical systems for the specialized needs of over 19 hospitals and other healthcare facilities such as Beth Israel Hospital and St. Luke's Roosevelt Hospital Center. E-J also works on Bronx-Lebanon Hospital in the 1980's and Mt. Sinai Hospital in the 1990's.

### 1992-2005 United Nations

E-J installs and maintains all voice, data, audio-video, satellite, security, television, language interpretation operations and fire-safety systems for the United Nations buildings in New York.



### 1993 Data communication, LAN, and fiber optics

E-J Communication Systems is established and promotes practical solutions for advanced business communication including furnishing, installing and maintaining a full range of leading edge communication products and services.

### 1995 Largest Automated Mail Facility

E-J completes work on the Manhattan General Mail Facility, the largest automated mail facility in the US covering over 800,000 square feet. This new, highly mechanized facility has computerized control of 25,000 feet of conveyors, a supervised control and data acquisition system, programmable logic controllers, and remote terminals.



**1997 Visy Paper Plant** Visy Paper Plant, the first major industrial operation in New York City in 50 years, selects E-J as its fast track electrical contractor.



**1997 Rockefeller University** Multiple medical laboratory installations including sensitive ground fault power, coldroom controls, darkroom and surgery lighting, and fire, security, and computer networking systems. Installation of outdoor substation including 1000 KVA transformer to provide emergency backup for critical loads.

**1998 USTA National Tennis Center** Expansion and redevelopment of the USTA National Tennis Center in Flushing Meadows Park, the home of the annual US Open Grand Slam Championship Tournament.

### 1999-2009 Major presence in Times Square

E-J completes Madame Tussaud's Wax Museum, Toys R US Flagship, 5 Times Square, New York Times Headquarters and 11 Times Square.



**2000 Design-Build** A \$30 million Design-Build contract is awarded for the security system at the World Trade Center. Columbia University generators are addressed through E-J's Design-Build practice.



### 2000 The American Museum of Natural History Rose Planetarium

Completion of one of the most outstanding architectural projects in the country, The American Museum of Natural History Planetarium.

**2001 International Arrivals Terminal at JFK Airport** E-J manages and completes the largest project in New York on an extremely tight schedule.



### 2002 Jewish Community Center and Fresh Kill Methane Recovery Plant

Construction of a new 11-story, 137,000 square foot community center. The methane plant installation includes two new methane processing systems and the upgrade of existing plant and remote flare systems.



**2003-2011 (3) 500 MW Power Plants** E-J completes three 500MW Power Plants—New York Power Authority's Poletti Power Plant, and Astoria Energy Phase I and II.

### 2004 Surety and Industrial Assignments

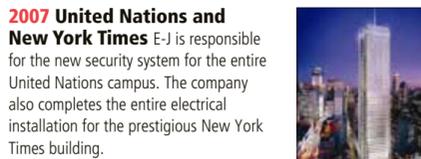
E-J completes the Port Authority of New York and New Jersey PATH Terminal at Ground Zero and a \$60 million completion contract for the Bowery Bay Waste Water Treatment Facility.



**2004 Jazz @ Lincoln Center** The world's first performing arts facility designed specifically for jazz, education, performance and broadcast.



**2006 American Airlines Concourse C** Following the successful completion of the International Arrivals Terminal at JFK, E-J directs its staff to complete the billion dollar terminal.



### 2007 United Nations and New York Times

E-J is responsible for the new security system for the entire United Nations campus. The company also completes the entire electrical installation for the prestigious New York Times building.



### 2008 Bank of America Tower

E-J provides all mission-critical electrical systems on this landmark and cogeneration facility plant that assists the world's most respected high-rise office building earn a LEED Platinum Certification.

### 2009 Yankee Stadium

E-J's complete electric installation included 15,000 light fixtures for the New Yankee Stadium and turns over the entire stadium on time for opening day.



**2010 Jet Blue Terminal** E-J finished the landmark electrical installation at the new \$746 million Jet Blue Terminal 5 at John F. Kennedy Airport.

## Continuous Leadership & Dedication

Today, E-J Electric Installation Co. continues its tradition as a leader in the electrical construction industry, committed to early identification of advanced trends in equipment and systems design, and industry ramifications. Development of the capability to provide related state-of-the-art service is the reason that E-J is considered one of the leading "full-service" electrical contracting firms in the United States and the world.

## 2012

**Barclays Center Arena** E-J is working in a "Design Assist" role for all electrical systems for a 20,000 seat arena partially located over a former railroad yard in downtown Brooklyn. The 675,000 sq ft. NBA approved, state of the art facility will feature "best in class" technology with redundant infrastructure for flexibility & growth. Broadcasters will have consistent & reliable connectivity with easy access. Wireless coverage is designed to cover 100 % of the arena space.



### Mt. Sinai Center for Science and Medicine

E-J is the Electrical Trade Manager for this new 410,000 square foot state-of-the-art medical science and research facility built to meet the expansion needs of Mount Sinai.



## 2014

### Fulton Street Transit Center

E-J is installing new service, lighting & state of the art communication systems including security for the \$1.4 billion project that will connect five subway stations and ten subway lines, improving access for over 300,000 daily customers that pass through this major transit hub in lower Manhattan.



### Power Generation, Transmission, & Distribution Division.

Power generation, transmission and distribution and accompanying facilities have been a specialty of E-J's for many years. These include high voltage installations, cogeneration, emergency and demand load generation. Our project delivery is typically on a fast track and/or design build program. E-J recently completed three 500 MW Power Plants: one for the New York Power Authority and the second two for Astoria Energy.

**Major Projects.** Since 1899, E-J has been at the forefront for some of the nation's largest projects. The Major Projects Division comprised of Project Managers, Engineers, and skilled Field Staff make E-J the leading contractor for large and complicated jobs. Areas of expertise include aviation, broadcast and entertainment, healthcare and laboratories, high rise commercial office buildings, mission-critical, design-build, and many others.

**Transit.** With extensive experience working for the MTA, E-J's Transit Division is a leader in many transit projects in the New York area. E-J's expertise ranges from station modifications, substations, signal work, communications, and maintenance buildings.

**Building Service.** E-J's Building Service Division provides professional solutions for the comprehensive electrical needs of all organizations, large and small. E-J Electric's Service Team is comprised of renowned estimators, project managers, draftsmen and field personnel. Building Managers can rely on E-J for electrical engineering, design, installation, maintenance, repair and interior fit out.

**First Call – Emergency Response.** Available 24 hours a day, 7 days a week, E-J's Emergency Response Team is here to handle all the clients' electrical emergency situations due to floods, fires, and all other infrastructure-related disasters.

**E-J Communication Systems.** The E-J Communication Systems' staff is comprised of dedicated engineers and highly skilled technicians in all facets of design, implementation and maintenance of the most complex data, voice and video Communications Networks. E-J Communication Systems takes a team approach by partnering with its clients to custom tailor a technology solution to fit the business requirement.

**E-J Energy Services.** E-J Energy Services aims to provide turn-key supply side energy solutions and energy management strategies to reduce demand and to provide cost savings for its clients. Some supply side services include solar energy systems, fuel cells, combined heat and power solutions, commodity procurement, and waste heat generator solutions. Demand side services include automated demand control systems, intelligent demand response programs, lighting solutions, and energy program development.

**Mutual Electric – Retail.** Mutual Electric, one of the leading retail electrical contracting firms in New York City, was acquired by E-J in 2003 to serve as E-J's retail division. Mutual Electric leads the retail electric industry with high-quality installations and a commitment to client satisfaction. Past clients include Louis Vuitton, Victoria's Secret, Hugo Boss, Sephora, Starbuck's Coffee, and Toys R' Us, among others.

**Connecticut/Westchester Services.** E-J's Connecticut/Westchester office has served large clients such as AIG Trading Group and General Electric Investment Corporation. Its commitment to providing state-of-the-art technology and service brings E-J to the forefront of electrical and communication contracting in the area.

**Roadway & Outdoor Specialty.** E-J is proud to re-enter the market of Roadway and Outdoor Specialties. These include street lighting, traffic controls and maintenance, lighting and distribution and aviation lighting. Market sectors include heavy highway and civil construction, intelligent transportation system construction and maintenance, street lighting and traffic construction and outside plant fiber optic placement, splicing and testing.