



DATA CENTERS



Forest Electric

New Jersey

An EMCOR Company

Sophisticated Data Center Infrastructure, Featuring Redundant, Reliable Technology

Forest Electric New Jersey (Forest NJ) has provided more than **100 data center projects for Fortune 500 companies**. Our data center professionals have specialty expertise in all data center aspects from new **out-of-the-ground construction** to an **existing data center expansion** and **daily operational support**.

Innovative Mission Critical Solutions from Proven, Certified Professionals

Innovative technology is central to our data center solutions, including the latest in BIM and CAD software that helps us improve schedules, enhance performance, and reduce costs. Our staff includes Registered Communications Distribution Designer- (RCDD) qualified engineers and Building Industry Consulting Service International- (BICSI) certified installers, and we hold certifications from a number of leading manufacturers like Corning, CommScope, Hubbell, and many others.

A Comprehensive Suite of Data Center Services:

- > Electrical distribution systems
- > Medium- and low-voltage switchgear
- > AC/DC power systems
- > Primary and standby power generation

- > Structured cabling
- > Cogeneration
- > Fiber optics
- > Splicing
- > 5Kv-69Kv sub-stations
- > Underground ductbanks
- > Fire alarm systems
- > Voice/Data
- > Wireless/Distributed antenna systems (DAS)
- > Network design, installation, and integration
- > Instrumentation, programmable logic controls (PLC), direct digital controls (DDC), and digital control systems (DCS)

EXPERTISE IN EIGHT MAJOR MARKETS

Mission Critical Facilities

Biotech/Healthcare

Finance

Manufacturing/Industrial

Commercial

Higher Education

Technology

Entertainment/Hospitality

- > Testing and fault locating
- > Heat load calculations
- > Design-build/Design-assist
- > Value engineering and cost analysis
- > BIM 3D, 4D, and Revit Autodesk
- > Customized and preventive maintenance
- > Infrared service

ACHIEVING AWARD-WINNING LEVELS OF SAFETY

NJSA Excellence in Safety — 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023

National Safety Council, Perfect Record Award — March 2016-February 2021

National Safety Council, Million Work Hours Award — March 2016 - October 2019

CNA Insurance Company, 638,885 Labor Hours with Zero Recordable Injuries — 2018

91st State of New Jersey Governor's Annual Safety Award — 2018

NECA Safety Excellence Award — 2018, 2019, 2024

NECA Safety Ambassadors Medal — 2019, 2021, 2024

NECA Recognition of Achievement Zero Injury — 2019, 2021, 2024

EHS Today One of America's Safest Companies — 2020

National Safety Council Occupational Excellence Achievement Award — 2021

National Safety Council Safety Leadership Award — 2016-2021

WHAT CAN WE DO FOR YOU?

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