



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.

EXPERTISE IN EIGHT MAJOR MARKETS

- » Mission Critical Facilities
- » Biotech/Healthcare
- » Finance
- » Manufacturing/Industrial
- » Commercial
- » Higher Education
- » Technology
- » Entertainment/Hospitality

ACHIEVING AWARD-WINNING LEVELS OF SAFETY

- » NECA Safety Excellence Award – 2019, 2018, and 2012
- » NECA Safety Ambassadors Medal – 2019
- » NECA Recognition Award of Achievement – 2019
- » EHS Today - America's Safest Companies 2020



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)
- » 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