

## PAST 10 YEARS:

Total project megawatts: **147+**

Total Project square feet: **1.8MM+**

## DATA CENTER ELECTRICAL & TECHNOLOGICAL SERVICES INCLUDE:

- Infrastructure design-build
- Electrical distribution systems
- Power generation facility/switchyard and substation
- AC/DC power systems
- Network design, installation and integration service
- Instrumentation, programmable logic controls (PLC), direct digital controls (DDC), and digital control systems (DCS)
- Switchgear
- Cogeneration
- Fiber optic
- Cabling
- Splicing
- Fire alarm systems
- Voice/data
- Wireless/DAS
- Testing and fault locating
- Customized maintenance programs
- CAD/BIM design services
- Primary and standby power generation

## GIBSON ELECTRIC & TECHNOLOGY SOLUTIONS DATA CENTERS

### ELECTRICAL SERVICES

## Sophisticated Data Center Infrastructure Solutions. Structured Cabling. Built-In Redundancy.

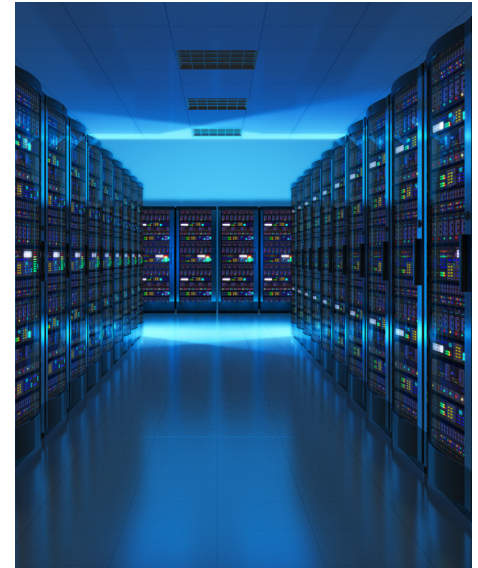
Gibson Electric & Technology Solutions (Gibson Electric) is a proven leader in infrastructure design services and data center cabling installation. Whether clients need sophisticated telecommunication systems, state-of-the-art automation, or advanced electrical power distribution systems, Gibson Electric's team of certified and trained data center technicians can help clients with various tasks, including designing a fail-safe data center environment that promotes continuous operation.

Providing data center design and cabling installation services for clients across a broad range of industries—such as Technology, Financial Services, Telecommunications, Healthcare, and many more—Gibson Electric delivers voice and data, network, and structured cabling solutions to clients on a single-source basis. Gibson Electric also provides solutions that utilize built-in redundancies, such as dual utility feeds, redundant generators, redundant uninterruptible power supplies (UPS), 480v switchboards, cabinets fed from dual sources, and power monitoring that tracks all the way down to the individual circuit level.

### **Safety Is Job #1. And #2, and #3, and #4...**

Gibson Electric, an EMCOR company, is passionate about safety and quality. EMCOR's safety performance is far better than the Bureau of Labor Statistics industry averages, with a rate of injury that is consistently 60%–75% lower than competitors.

(Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 238, 2004-2012)



### **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 Group, Inc., is ranked #1 "World's Most Admired" in the Engineering and Construction Industry for 2018 by Fortune®. For 10 consecutive years EMCOR has been named amongst the Top 5 "World's Most Admired" Companies.

EMCOR builds, powers, services, and protects the sophisticated and dynamic systems that create facility environments in virtually every sector of the economy for many 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.



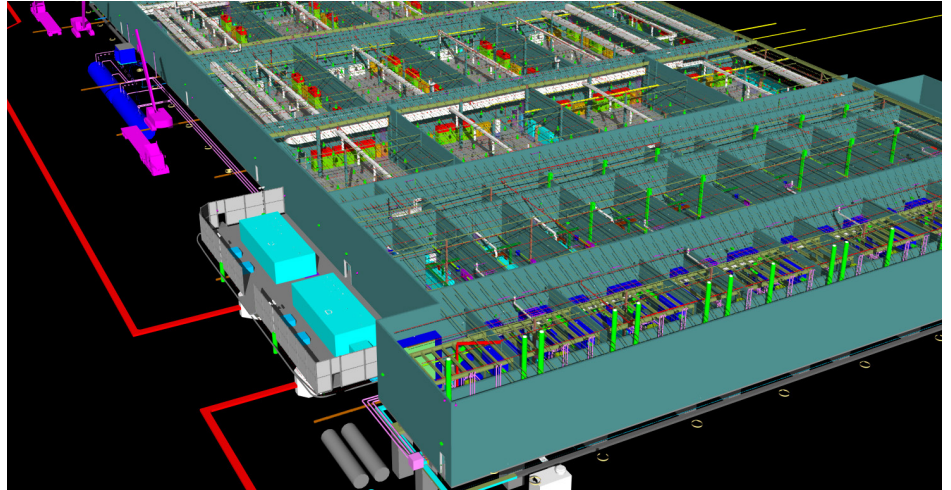
**Gibson**

Electric & Technology Solutions

An EMCOR Company

# GIBSON ELECTRIC & TECHNOLOGY SOLUTIONS DATA CENTERS

## ELECTRICAL SERVICES



## DATA CENTER CERTIFICATIONS INCLUDE:

### Industry Certification

- BICSI-RCDD

### Manufacturers' Systems Certifications

- Panduit
- Commscope
- Corning
- Siemon
- Ortronics
- Hubbell
- Belden
- Leviton
- Berktek
- Sumiomo

## GIBSON ELECTRIC HAS PERFORMED DATA CENTER WORK FOR:

- The world's largest full-scale data center provider
- Large, global investment management firms
- The world's leading derivative marketplace
- A leading global financial services firm and one of the largest banks in the U.S.
- A world leader in innovative hardware and software solutions
- A leading cloud-management solution provider

## HOW CAN WE HELP YOU?

### Gibson Electric & Technology Solutions

3100 Woodcreek Drive  
Downers Grove, Illinois 60515-5427

T: 630.288.3800

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

## The Power of Building Information Modeling (BIM). And 3D AutoCAD Technology.

Using the latest in BIM and 3D CAD technology, Gibson Electric is able to collaborate seamlessly with other project team members and trades, while sharing vital information quickly and efficiently. BIM helps Gibson Electric identify optimum solutions early in each data center project, so that each task is completed correctly the first time. Additionally, utilizing BIM on data center projects helps enhance performance, provide greater predictability, improve schedule management, and reduce cost.

## Measured. Managed. Modeled for Success.

Innovative technology is at the very core of what Gibson Electric provides for clients. Whether creating functional 4D models for sequencing and scheduling, or modeling full project details down to every light switch, pull station, and 3/4 inch conduit, Gibson Electric provides intelligent solutions from some of the sharpest minds in the business. Gibson Electric also has the

unique ability to create integrated robotic total station layouts, pre-fabricate components, model access zones and no-fly areas for code compliance, and plan equipment removal paths.

## Trained Technicians. Who Never Stop Learning.

At Gibson Electric, staying current in manufacturer and industry certifications is more than just a goal—it's an ongoing commitment. Through on-site, classroom, and computer/online training, Gibson Electric's data center specialists are certified and proficient in installing equipment from virtually every manufacturer in the data center market sector.