

National Construction Contractor's New Data Center

Electrical & Power, Mission Critical

Building data centers for high-profile internet and technology companies demands general contractors deliver crucial, reliable functionality on time. A trusted, independent commissioning partner provides the testing and troubleshooting needed to ensure optimal performance and reliability.

This leading construction management and general contracting company prides itself on providing world-class facilities constructed to the exacting requirements of their clients. One of their specialties is delivering mission-critical data centers for the world's most visible internet, technology, and social media companies, requiring careful testing and validation of facilities.

CHALLENGE

To build new data centers for prestigious clients, you have to stay on schedule and in scope. The facility must be ready to go online and stay online, 24/7. Finding the right electrical power partner to test, troubleshoot, and properly commission the facilities is critical to success. A misstep here can hold up the timeline, add to project costs, and even damage your reputation.

So when this general contractor was looking for an independent provider to commission data centers for their client, one of the world's most popular technology companies, they trusted ABM's profile of longevity in the industry and financial strength to provide peace of mind. A NETA-accredited data center testing and support provider, ABM has a reputation as a team player with certified experts that are fast, flexible, safe, and reliable.

SOLUTION

Using state-of-the-art training, ABM's highly skilled specialists performed multiple tests in mission-critical facilities to ensure equipment functioned as designed, failures were prevented, and standards were met.

Testing included:

- Electrical, acceptance, and reliability testing
- Online partial discharge predictive testing
- NFPA 70E arc flash compliance analysis, labeling, and safety testing

- Power quality, grounds audits, and spectrum analysis
- Critical power maintenance

ABM worked with the contractor to meet whatever deadlines were expected without changing the scope of the project. All safety requirements were followed, and all work was captured electronically for the contractor's and client's proprietary document management systems.

Due to the trust built up by the quality of our performance, ABM was asked to advise on a maintenance plan and now provides ongoing critical maintenance for this data center's power distribution equipment. ABM also provides 24/7/365 emergency and disaster response.

BENEFITS

By helping ensure this contractor could deliver a reliable data center on time and on budget to their prestigious client, ABM protected our client's reputation for excellence.

Our data center commissioning and support solutions also help our partners to:

- Prevent problems before they occur
- Reduce outages & unplanned downtime
- Improve reliability & assure uptime
- Maintain NFPA 70E and other industry compliance
- Extend the life of power equipment

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