

Case study



REFERENCE

Outside a large stadium, USA

SALES OFFICE

Janitza North America LP

POWER QUALITY AND ENERGY MONITORING IN 7 WEEKS FOR TELEVISED SPORTS FINAL

Janitza



ACCELERATED DELIVERY AND WHITE GLOVE SERVICE FOR RAPID SYSTEM SETUP

CHALLENGE

A global construction firm faced a mandate to provide energy consumption data and power quality reporting during a live sports final broadcast in the USA. Consumption data was critical for billing, while power anomalies had to be monitored and included in a post-game report for the broadcast contract holder. Failing to provide this report would breach the contract, trigger financial penalties, and undermine the firm's promise of delivering peace of mind. The project manager had just 7 weeks to deploy an outdoor-rated Electrical Power Monitoring System (EPMS) that met all technical requirements before the broadcast went live. With revenue on the line, failure was not an option.

SOLUTION

Faced with a non-negotiable deadline for a televised sports final, the company successfully deployed an EPMS solution in time for the big game. Janitza was selected as the trusted advisor based on prior experience supporting the broadcast contract holder in Europe and for its accelerated lead times in the USA. Using in-stock power analyzers and expansion modules, Janitza enabled rapid onsite delivery and developed a solution that met all technical requirements. Daisy-chaining analyzers and modules reduced the number of meters needed, helping control costs.



Location

Tier 1 City,
USA



Year of implementation

2024 – 2025



Application

Power quality monitoring and
energy monitoring



Because the deployment was located outside the stadium, a NEMA 3R-rated outdoor enclosure was installed to withstand rain, sleet, and ice. The global construction firm collected accurate facility data through the outdoor EPMS, which was transformed into actionable reporting using Janitza's GridVis® software. This enabled the customer to meet contractual obligations for post-event energy consumption and power quality reporting.

Janitza's white glove support, both onsite and virtual, ensured the solution was deployed smoothly and on time. From kickoff to final broadcast sign-off, their hands-on approach kept the project on track, where even a single error could have jeopardized the event.

BENEFITS

The global construction firm successfully deployed a power quality and energy measurement solution in just 7 weeks. Right on time for the live sports broadcast. Readily available inventory and modular components enabled fast delivery, and Janitza's ongoing project support kept the timeline on track. The firm gained access to real-time consumption data and streamlined reporting for billing and compliance. The solution helped meet contractual obligations while prioritizing broadcast continuity, revenue protection, and fan safety. Even earning promotions for the global construction firm project team involved.



Hardware

UMG 801 Power Analyzer,
800-CT8-A Current Measuring Module,
and 800-CON-RJ45 Transfer Module



Software

GridVis®



Support

All phases of the project

ABOUT JANITZA

Janitza develops comprehensive energy measurement solutions that ensure transparent energy flows and monitor power quality. The global company, headquartered in Germany, provides individual solutions to meet specific customer requirements across a wide range of industries, including data centers, manufacturing, buildings & infrastructure, utilities, and renewable energy.

PRODUCT RANGE

Janitza's portfolio includes innovative measuring devices and the perfectly integrated Power Grid Monitoring Software GridVis®, complemented by high-quality components. Customers worldwide benefit from solutions in energy data management, power quality monitoring, and residual current monitoring, all within a unified system environment – Made in Germany.

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