



SUCCESSFUL ARC FLASH STUDIES EVEN WHEN CRITICAL INFORMATION IS MISSING

Arc flash studies can become extremely complicated when critical data points are unavailable. Pioneer Power Group was contracted to perform an arc flash study for just such a project that was missing vital information.

▶ CHALLENGES



Data management, access to data, and data retrieval can all be hurdles which need to be resolved when initiating an arc flash study. Our team was contracted to perform an arc flash study at a college campus. A major project hurdle was the fact that a substantial amount of critical data was missing. By all accounts it seemed that the project was at a standstill and could not be successfully completed.

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▶ OUR SOLUTION



Our team worked with the client to develop a customized approach to obtain data on the equipment in question. Drawing on established technical expertise, our engineers were able to make the necessary assumptions to fill in the missing data points. By working with the client and on-site contractor, data points from a historical study were used to guide assumptions, provide preliminary calculations, and then the study was refined to close out the project accurately, quickly and cost effectively.

▶ RESULTS



Missing data can seem like an insurmountable problem. With technical expertise and an awareness of how to apply historical study findings, our team was able to resolve these complex project issues and successfully close out a difficult study. Not only did the client have an up-to-date arc flash study, but we delivered a project with unique insights built on established data points. Despite the hurdles, the project was completed accurately, on time and on budget.



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