



CASE STUDY

MEMS PROVIDE EMERGENCY RESPONSE TO FLAGSHIP STORE

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MEMS reliability enabled retailer to continue to run over a period of nine weeks until power was reinstated

A highly regarded household name and home to some of the world's most successful companies. Located in one of London's most sought after office and retail space. Their office buildings are constructed to the highest standards of quality, resilience and environmental sustainability, attracting employees and investors from across the globe.

A failure within the LV switchgear resulted in a power outage for one of the on-site retailers, disrupting the smooth running of their flagship store.

PROJECT SUMMARY

MEMS Power Generation received a call from the client with a brief to restore power immediately to the estate taking into consideration the environment and location we would be operating. MEMS critical solutions team arrived on site within 90 minutes to undertake a full technical review of site agreeing with the client on the generators location, cable route and requirement of access equipment. MEMS then proceeded with the supply of a single 1250kVA three-phase generator along with the installation of 500 metres of 240mm cable.

Our technical review of the site identified some health and safety concerns which would require the cable to be positioned at a high level when passing through public areas to avoid trip hazards.

This was achieved via the use of access equipment and the MEMS critical solutions team.

With final connections, the installation was then commissioned against site load to ensure operational efficiency. The project then passed to our project management team who via the use of our remote monitoring software ensured a fuel management program was in place and scheduled all the necessary future planned maintenance requirements.

THE RESULTS

The emergency 24/7 power supplied by MEMS allowed the retailer to remain open and operate as usual with minimal interruption of power throughout the temporary power supply.

MEMS reliability enabled the retailer to continue to run over a period of nine weeks until power was reinstated.

As one of the country's leading stand-by power suppliers and a previous supplier of emergency power to the site, MEMS was the client's first port of call.

