

Modification of existing Generator Control Panel



CLIENT: PROFESSIONAL BUILDING SERVICE PROVIDER

END CLIENT: MULTINATIONAL ENTERTAINMENT COMPANY

LOCATION: LONDON

PROJECT: REPLACEMENT OF EXISTING GENERATOR CONTROL PANEL

During the course of a routine service and maintenance visit to the offices of a very well-known global entertainment business close to Kensington Gardens, our generator service technician highlighted a problem with the existing Autodiesel control panel on site.

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An electronic system is utilised throughout our Service Department with allows hand written technicians report sheets to be transferred to our office electronically as soon as each service has been completed. This enables our office based management team to react extremely quickly to any urgent requirements that may have been identified during a service visit.

Due to this technology, one member of our dedicated team of Service Contract Managers was made aware of the problem, the issue was immediately directed to our Special Projects Director to follow up with the customer.

Having worked with our customer for circa. 8 years and undertaken the servicing of the 312kVA standby generator on this site for the past 4 years, we have established a good understanding of the site and obtained an in-depth knowledge about its equipment.



Our Special Projects Director communicated with the customer's Area Contract Manager to arrange a visit to survey the site and assess the condition and possible requirements of the current control panel. Following the survey, recommendations and pricing were provided to the customer for approval and authorisation.

Once authorisation had been received, and as with all projects a dedicated Project Manager was assigned to ensure that the project ran smoothly from start to finish. Our project engineer produced drawings and designs for final approval by the client. On approval an installation date was agreed by all parties and the Project Manager proceeded to put together all the necessary risk assessments and method statements with other relevant health and safety documentation for the project, as well as programming in all key dates as agreed with the client.

On the arranged date, our commissioning engineer got to work on building the new replacement control panel at our panel workshop in Rochester installing a DSE 7410 Auto Start Control Module plus DSE 2130 & DSE 2157 input & output expansion modules in the panel.



Following completion of the new generator control panel, two generator engineers were booked in over a weekend, due to the nature of the business this could not be done during normal working hours, to remove the original Autodiesel Control Panel and replace it with the new DeepSea Control Panel.

On completion of the successful commissioning of the new control panel which included a mains failure, building load test and site load acceptance test, The Generator Company concluded with the final project handover leaving the client with a set of as built drawings and an O&M manual relating to the new generator control panel, comprising of information from the manufacturers of the equipment.

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