



SUBSTATION ENHANCEMENT LONDON

Our client, a high-end department store, engaged JCA to carry out works to one of the existing substations at the flagship store in London. The substation required reconfiguration and enhancement which involved working in a live critical environment. Due to the nature of the business, one of the key challenges on site was managing power outages while ensuring continuous uninterrupted electricity supply for the trading floors.

In order to reduce the impact of high-risk works, JCA proposed a multi phased programme where high risk activities were completed in the small window of non-trading hours at night. Large deliveries of heavy equipment such as 11kv transformers and LV switchboards were timed to minimise impact on the day to day operation of the main loading bay and detailed day/night shift patterns were planned and closely managed. Other works included intrusive builders works to create penetrations through structural support walls into new areas, the creation of fire rated risers, new sub-mains installations and mechanical works throughout the building.