

11kV Transformer & Switchgear

Cranfield University, Bedfordshire

Term: 18 weeks

Value: 30k



Working on the client's 'Private HV Network', the project involved the supply of a new 3500kVA 11kV / 3.3kV transformer to feed an updated test bed facility and 3.3kV. To achieve this required the removal of two existing 1000kVA transformers and the modification of the existing 11kV switchboard. The removal of the old mercury arc rectifiers from the original facility were included as part of the contract.

This was a full turnkey project to undertake all the necessary work, including design and required many skill sets to complete the project successfully.

In addition to procuring the transformer and all other materials, a full range of services was undertaken including, cable laying, cable jointing to 11kV and electrical fitting including completing the installation of switchboard panels and commissioning were undertaken. The protection upgrade included changing current transformers.

Morrison also provided the senior authorised operational staff to plan and manage system outages on the client's network.