

Stormport Professional Services Case Study



11kV Switchgear Change

Stormport pride themselves in having directly employed teams of highly experienced excavators, jointers, project managers and Senior Authorised Person's that work together to deliver an end to end turnkey process.

The job starts with an in depth survey of the substation to be worked on by an experienced project manager. Further desk top analysis is carried out to ascertain the electrical loadings, high and low voltage network configurations and ordering the relevant equipment and jointing materials.

After programming the work the high and low voltage networks associated with the substation are secured with backfeeds or temporary generator connections in order to minimise supply outage time to the DNO connected customers. Stormport have also invested in fully equipped "Hot Glove" vehicles and linesmen that can carry out line work live at 11kV. They can carry out temporary alterations to the network to substantially reduce customer minutes lost and customer interruptions.

The substation equipment is disconnected from the network and removed using our own vehicle. After which our civil staff move in to excavate cable joint bays and carry out any changes that may be required to the concrete base to suit the new equipment.

After installation a jointing team joint it back onto the network after which the Senior Authorised Person commissions it and carry's out quality checks to ensure total compliance with the client's standards. As soon as possible after completion of the electrical works our civil teams return to backfill and reinstate the site.

We have the in house capability to carry out 11Kv switchgear, transformer, LV pillars and whole substation changes. This includes all jointing and any associated automation. We also have the capability to carry out jointing up to and including 33kV on both conventional and polymeric cables.

